



Geocon Project No. A9240-77-01  
October 13, 2015

VIA ELECTRONIC MAIL

Ms. Josephine Alido  
Bonterra Psomas  
3 Hutton Centre Drive  
Santa Ana, California 92707

Subject: LIMITED SOIL SAMPLING REPORT  
SEGMENT C - PARK TO PLAYA TRAIL  
SOUTH LA CIENEGA BOULEVARD  
CULVER CITY, CALIFORNIA

Dear Ms. Alido:

Geocon has prepared this Limited Soil Sampling Report summarizing results of soil sample collection and laboratory analysis of samples from the proposed Segment C - Park to Playa Trail project. The Site is located west of South La Cienega Boulevard and east of the Baldwin Hill Overlook in Culver City, California. The approximate location of the Site is shown on the attached Vicinity Map, Figure 1.

**SOIL SAMPLING**

Soil samples were collected at the site on August 14, 2015, under the supervision of a Geocon representative. Samples were collected from ten borings (B-1 to B-10) advanced using a direct-push rig. The soil samples were collected from 1 foot, 2 feet and 5 feet below ground surface in each boring. A total of 30 soil samples were collected. The approximate boring locations are shown on the Site Plan, Figure 2.

Prior to sampling, the soil was observed for possible indicators of contamination such as visible staining or odors. No stained or odorous soils were observed.

The soil samples were collected in acetate plastic sleeves and covered with Teflon® and then capped with plastic caps. Each sample was labeled with the sample identification number and sampling date and time. The samples were stored on ice in a portable cooler maintained at or below 4 degrees Celsius and transported to Advanced Technology Laboratories in Signal Hill, California, a state-certified laboratory. The samples were recorded on a chain-of-custody record identifying the sampler, date, time, responsible laboratory personnel, and requested analyses.

Based on elevated arsenic reported in soil samples collected from boring B-2, an additional twelve step-out soil samples were collected on September 16, 2015. The samples were collected from six borings advanced with a hand-auger. Borings B-2A-00 and -1.5, B-2B-00 and -1.5, and B-2C-00 and -1.5 were collected directly east of B-2 in increments of 10, 20 and 30 feet from Boring B-2, respectively. Borings B-2D-00 and -1.5, B-2E-00 and -1.5, and B-2F-00 and -1.5 were collected directly west of B-2 in increments of 10, 20 and 30 feet from Boring B-2, respectively.

### **LABORATORY ANALYSIS**

The samples collected on August 14<sup>th</sup>, 2015 were analyzed, on a 10 day turnaround time, for the following analysis.

- Gasoline Range Organics (GRO), diesel range organics (DRO), and oil range organics (ORO) by Environmental Protection Agency (EPA) Method 8015B
- Volatile Organic Compounds (VOCs) by EPA Method 8260B
- Semi-volatile organic compounds (SVOCs) by EPA Method 8270C
- One foot samples from each boring were further analyzed for organochlorine pesticides by EPA Method 8081
- Total metals by EPA Methods 6010B and 7471A (Mercury)

The twelve step-out samples (B-2A-0.0 to B-2F-1.5) were analyzed for total arsenic only using EPA Method 6010B. One sample (B-2D-1.5) was further analyzed for soluble arsenic by the Waste Extraction Test (WET).

### **ANALYTICAL RESULTS**

Analytical results for the soil samples are summarized below. Constituents of concern reported at concentrations above the laboratory detection limits are summarized on Table 1 for metals and Table 2 for GRO, DRO, ORO, VOCs, SVOCs and Pesticides. The laboratory analytical reports and chain-of-custody documentation are attached.

- VOCs, GRO, and SVOCs were not detected in the samples at concentrations exceeding their respective laboratory practical quantitation limit (PQL).
- DRO was reported in 20 of the 30 samples analyzed at concentrations ranging from 21 to 3,700 milligrams per kilogram (mg/kg).
- ORO was reported in 26 of the 30 samples analyzed at concentrations ranging from 11 to 11,000 mg/kg.
- Alpha chlordane, chlordane, and gamma-chlordane were reported at concentrations of 1.4, 8.8, and 1.6 micrograms per kilogram ( $\mu\text{g}/\text{kg}$ ) in samples B-9-1. Pesticides were not reported at concentrations exceeding the PQL in the other samples.

- The reported concentrations of title 22 metals were less than their respective Total Threshold Limit Concentrations (TTLCs) and ten times their respective Soluble Threshold Limit Concentrations (STLCs) with exception of arsenic and lead. Arsenic was reported in samples B-2-1 and B-2-2 at concentrations of 98 mg/kg and 55 mg/kg, respectively, which exceeds ten times the STLC of 5.0 milligrams per liter (mg/l). Lead was also reported in samples B-8-2 and B-8-5 at concentrations of 81 mg/kg and 130 mg/kg, respectively, which exceeds ten times the STLC of 5.0 mg/l.
- The reported concentrations of arsenic in the twelve step-out samples around Boring B-2 were less than the TTLC and ten times their respective STLC, with the exception of sample B-2D-1.5, which exhibited a total concentration of 71 mg/kg, which exceeds ten times the STLC of 5.0 mg/l.
- Soluble arsenic was reported for sample B-2D-1.5 at a concentration of 3.7 mg/l, less than the arsenic STLC of 5.0 mg/l.

## CONCLUSIONS AND RECOMMENDATIONS

The California Environmental Protection Agency (Cal/EPA) has prepared technical reports entitled *Use of California Human Health Screening Levels (CHHSLs) in Evaluation of Contaminated Properties* (Cal/EPA, January 2005) and *Revised California Human Health Screening Levels for Lead* (Cal/EPA, September 2009), which present CHHSLs for soil, shallow soil gas, and indoor air to assist in evaluating sites impacted by releases of hazardous chemicals.

The CHHSLs are concentrations of 44 hazardous chemicals that Cal/EPA considers to be below thresholds of concern for risks to human health. The CHHSLs were developed by the Office of Environmental Health Hazard Assessment (OEHHA) on behalf of Cal/EPA. The thresholds of concern used to develop the CHHSLs are an excess lifetime cancer risk of one in a million and a hazard quotient or 1.0 for non-cancer effects. Under most circumstances, the presence of a chemical at concentrations below its respective CHHSL can be assumed to not pose a significant risk. The presence of a chemical at concentrations above a CHHSL does not indicate that adverse impacts to human health are occurring or will occur, but suggests that further evaluation is warranted (Cal/EPA, January 2005).

The following CHHSLs were used for comparison: Table 1 of the *California Human Health Screening Levels for Soil and Comparison to Other Potential Environmental Concerns* (Cal/EPA, January 2005), *Revised California Human Health Screening Levels for Beryllium* (Cal/EPA, March 2009), and *Revised California Human Health Screening Levels for Lead* (Cal/EPA, September 2009). The respective CHHSLs are listed at the end of Table 1 for comparative purposes.

The concentrations of metals, other than lead and arsenic, reported for the soil samples were below their respective California Human Health Screening Levels (CHHSLs) for residential and/or industrial land use.

The concentrations of arsenic reported in the samples exceed the industrial and residential use CHSSLs of 0.24 and 0.07 mg/kg, respectively. However, arsenic is a naturally occurring element and natural background concentrations of arsenic in California are often much greater than the health-based direct-exposure goals in soil and Cal-EPA generally does not require cleanup of soil to below background levels. 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 Los Angeles County, using naturally occurring and anthropogenic concentrations of arsenic. The report finds that the upper-bound background concentration for arsenic within Los Angeles County is 12 mg/kg. The reported arsenic concentrations for samples collected along the majority of the proposed trail are less than 12 mg/kg; therefore, the arsenic concentrations reported for the soil samples are considered to be consistent with background concentrations of arsenic in Los Angeles County. However, the arsenic concentrations reported in samples collected in the vicinity of boring B-2 (sample numbers B-2-1, B-2-2, B-2A-1.5, B-2B-1.5, B-2C-1.5, B-2E-1.5, and B-2F-0.0) exceed background concentrations. A regulatory agency may require mitigation measures, such as removal or capping of the arsenic containing soil to prevent direct contact. If the arsenic containing soil is excavated and removed from the site it would not be considered a hazardous waste because the soluble arsenic concentrations are less than the STLC of 5.0 mg/l.

The reported concentrations of lead reported for soil samples B-8-2 and B-8-5 at concentrations of 81 mg/kg and 130 mg/kg, respectively exceed the residential land use CHSSL of 80 mg/kg but are lower than the industrial land use CHSSL of 320 mg/kg. Based on the proposed use of the site, it is our opinion that further evaluation with respect to lead content in soil in the vicinity of boring B-8 is not warranted.

Concentrations of DRO and ORO were reported for soil samples collected along the entire length of the proposed trail. Although the reported concentrations of DRO and ORO are generally below the concentrations that would require cleanup by a regulatory agency, they may present a soil management issue if the material is to be exported offsite for disposal. Currently, regulatory criteria for the classification of wastes based solely on the concentrations of total petroleum hydrocarbons (TPH) such as gasoline, diesel, and oil have not yet been promulgated. Disposal of TPH-impacted soil is generally regulated by disposal facility permit and acceptance criteria.

The reported concentrations of pesticides reported for sample B-9-1 are below their respective CHSSLs. Further evaluation with respect to pesticides is not warranted.

We recommend that contractor(s) selected to construct the proposed trail should prepare a project-specific Health and Safety Plan (HSP) to prevent or minimize worker exposure to arsenic and petroleum hydrocarbon containing soil. The HSP should include protocols for environmental and personnel monitoring, requirements for personal protective equipment, and other appropriate health and safety protocols and procedures for the handling of arsenic and petroleum hydrocarbon containing-soil.

### STATEMENT OF LIMITATIONS

This Limited Soil Sampling Report has been prepared solely for Client, in consideration of Client's requirements. Other parties may rely on the findings and conclusions of the report for informational purposes only. However, Client and other parties who may rely on the findings and conclusions of the report should recognize that this report is not a comprehensive site characterization and should not be construed as such. The findings as presented in this report are predicated on the results of the limited sampling and laboratory testing performed. In addition, the information obtained is not intended to address potential impacts related to sources other than those specified herein.

The information contained herein is only valid as of the date of the report and will require an update to reflect recent records review/site visits. Therefore, the report should only be deemed conclusive with respect to the information obtained. No guarantee of the results of the study is implied within the intent of this report or any subsequent report, correspondence or consultation, either express or implied. The services performed were conducted in accordance with the local standard of care in the geographic region at the time the services were rendered.

We appreciate the opportunity to assist you on this project. Please contact us should you have any questions regarding this report or if we may be of further service.

Very truly yours,

**GEOCON WEST, INC.**



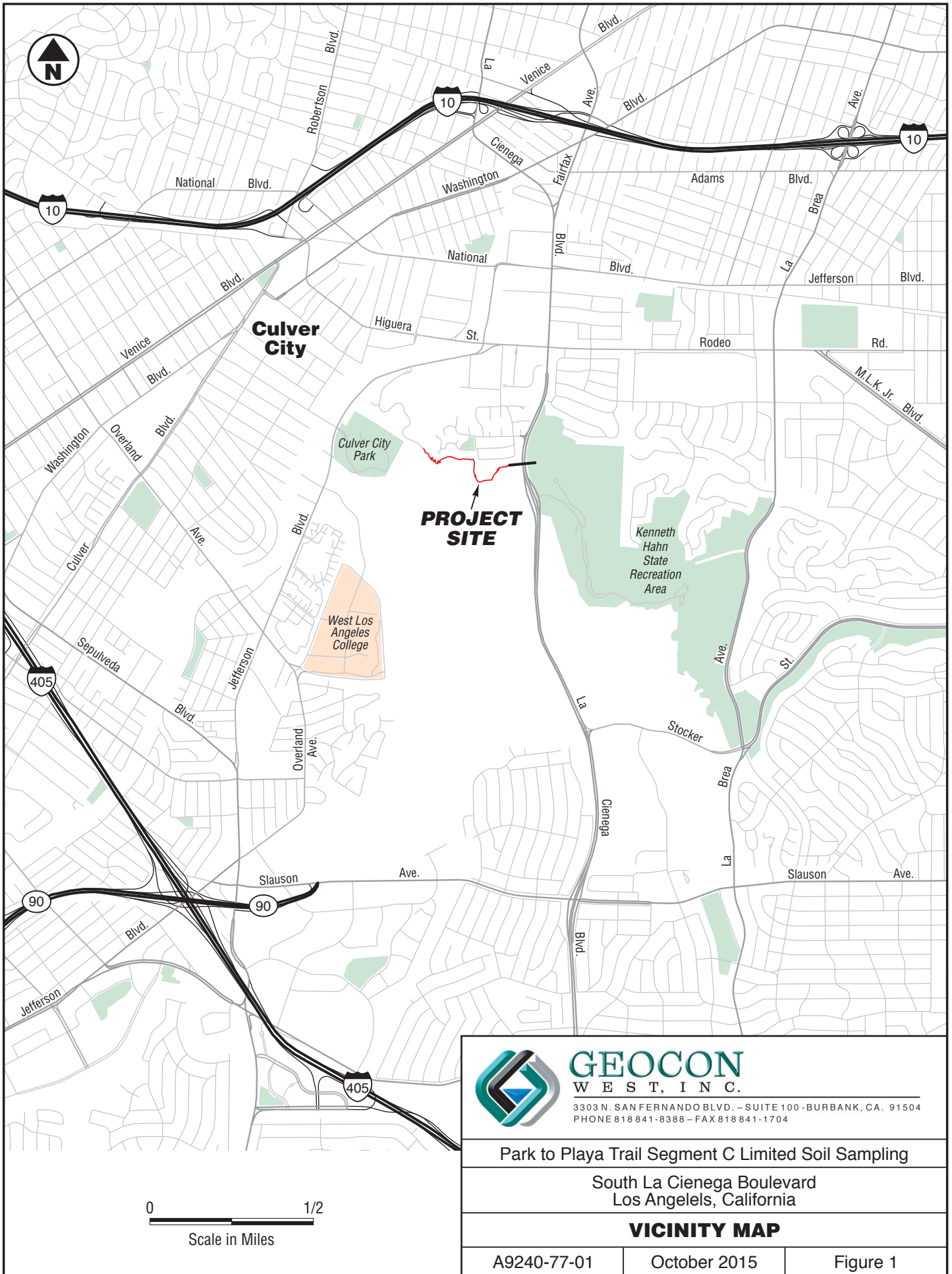
Mike Akoto  
Staff Geologist



Michael 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 – GRO, DRO, ORO, VOCs, SVOCs & Pesticides  
Laboratory Reports and Chain-of-custody Documentation



**PROJECT SITE**

0  1/2  
Scale in Miles



**GEOCON**  
WEST, INC.

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Park to Playa Trail Segment C Limited Soil Sampling

South La Cienega Boulevard  
Los Angeles, California

**VICINITY MAP**

A9240-77-01

October 2015

Figure 1



LEGEND:

10 ⊗ Approximate Boring Location



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Park to Playa Trail Segment C Limited Soil Sampling

South La Cienega Boulevard  
Los Angeles, California

**SITE PLAN**

A9240-77-01

October 2015

Figure 2

TABLE 1  
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS  
 PARK TO PLAYA SEGMENT C SOIL SAMPLING  
 SOUTH LA CIENEGA BOULEVARD  
 LOS ANGELES, CALIFORNIA

Sample ID	Antimony	Arsenic	Barium	Chromium	Cobalt	Copper	Lead	Mercury	Nickel	Vanadium	Zinc
B-1-1	<2.0	7.1	110	13	6.4	13	16	<0.10	10	22	50
B-1-2	<2.0	6.6	130	17	8.1	16	18	0.14	14	31	56
B-1-5	<2.0	2.6	69	16	5.0	12	6.5	<0.10	9.6	24	210
B-2-1	5.3	98	60	15	3.0	8.0	4.3	<0.10	6.5	15	23
B-2-2	<2.0	55	50	14	2.6	6.5	1.5	<0.10	5.0	13	18
B-2-5	<2.0	9.1	41	14	3.0	5.3	1.6	<0.10	6.5	16	18
B-2A-0.0	---	3.2	---	---	---	---	---	---	---	---	---
B-2A-1.5	---	16	---	---	---	---	---	---	---	---	---
B-2B-0.0	---	5.9	---	---	---	---	---	---	---	---	---
B-2B-1.5	---	19	---	---	---	---	---	---	---	---	---
B-2C-0.0	---	4.7	---	---	---	---	---	---	---	---	---
B-2C-1.5	---	23	---	---	---	---	---	---	---	---	---
B-2D-0.0	---	8.9	---	---	---	---	---	---	---	---	---
B-2D-1.5	---	71 (3.7) <sup>(1)</sup>	---	---	---	---	---	---	---	---	---
B-2E-0.0	---	6.2	---	---	---	---	---	---	---	---	---
B-2E-1.5	---	16	---	---	---	---	---	---	---	---	---
B-2F-0.0	---	15	---	---	---	---	---	---	---	---	---
B-2F-1.5	---	1.4	---	---	---	---	---	---	---	---	---
B-3-1	<2.0	3.1	68	14	5.1	8.7	2.8	<0.10	8.5	24	27
B-3-2	<2.0	2.4	72	14	5.2	8.1	2.6	<0.10	7.0	24	24
B-3-5	<2.0	3.3	80	22	4.4	9.2	3.4	<0.10	10	33	30
B-4-1	<2.0	13	56	13	3.8	7.2	5.9	<0.10	14	27	25
B-4-2	<2.0	2.3	54	16	4.6	6.9	1.9	<0.10	12	26	24
B-4-5	<2.0	2.6	73	14	6.5	8.7	2.2	<0.10	13	37	37
B-5-1	<2.0	2.1	80	15	6.0	9.9	3.3	<0.10	10	32	30
B-5-2	<2.0	2.1	92	16	6.5	11	5.1	<0.10	11	35	39
B-5-5	<2.0	2.0	89	16	6.4	11	4.2	<0.10	11	32	39
B-6-1	<2.0	1.9	84	12	6.1	10	2.6	<0.10	8.8	30	34



B-6-2	<2.0	2.5	130	15	8.5	12	3.8	<0.10	12	37	32
B-6-5	<2.0	2.7	130	15	6.6	12	3.0	<0.10	11	37	34
B-7-1	<2.0	2.2	65	12	4.3	7.6	3.6	<0.10	16	27	25
B-7-2	<2.0	1.4	55	13	5.0	7.2	8.1	<0.10	10	19	25
B-7-5	<2.0	1.4	66	13	3.9	6.9	2.0	<0.10	7.7	18	21
B-8-1	<2.0	4.7	130	18	6.5	19	44	0.12	16	36	3.1
B-8-2	<2.0	7.1	130	27	6.9	21	81	<0.10	16	39	85
B-8-5	<2.0	5.7	140	22	6.6	45	130	0.28	16	33	130
B-9-1	<2.0	3.6	88	17	5.0	14	25	<0.10	11	29	49
B-9-2	<2.0	2.5	73	15	4.5	11	19	<0.10	9.6	26	42
B-9-5	<2.0	<1.0	50	12	3.6	5.7	1.8	<0.10	6.2	15	21
B-10-1	<2.0	4.5	100	21	6.5	19	45	<0.10	16	37	63
B-10-2	<2.0	2.4	96	15	6.3	10	3.7	<0.10	9.8	36	31
B-10-5	<2.0	3.9	96	20	6.2	17	41	<0.10	14	35	64
<b>TTL</b>	<b>500</b>	<b>500</b>	<b>10,000</b>	<b>2,500</b>	<b>8,000</b>	<b>2,500</b>	<b>1,000</b>	<b>20</b>	<b>2,000</b>	<b>2,400</b>	<b>5,000</b>
<b>10 X STLC</b>	<b>150</b>	<b>50</b>	<b>1,000</b>	<b>50</b>	<b>800</b>	<b>250</b>	<b>50</b>	<b>2.0</b>	<b>200</b>	<b>240</b>	<b>2,500</b>
<b>CHHSL</b>											
Industrial	380	0.24	63,000	100,000	3,200	38,000	320	180	16,000	6,700	100,000
Residential	30	0.07	5,200	100,000	660	3,000	80	18	1,600	530	23,000
<b>Background Concentrations <sup>(2)</sup></b>											
<i>Minimum</i>	0.15	0.6	133	23	2.7	9.1	12.4	0.10	9.0	39	88
<i>Maximum</i>	1.95	12	1,400	1,579	46.9	96.4	97.1	0.90	509	288	236
<i>Mean</i>	0.60	3.5	509	122	14.9	28.7	23.9	0.26	57	112	149

Notes:

mg/kg = milligrams per kilogram

< = Not detected at concentrations equal to or greater than laboratory detection limit specified.

--- = Not analyzed

<sup>(1)</sup> (3.7) = Soluble arsenic concentration by Waste Extraction Test.

TTL = Total Threshold Limit Concentration

STLC = Soluble Threshold Concentration

TTL and STLC shown for Chromium are for Chromium III

CHHSLs = California Environmental Protection Agency, California Human Health Screening Levels for Industrial and Residential Land Use

<sup>(2)</sup> *Background Concentrations of Trace and Major Elements in California Soils*

(Kearney Foundation of Soil Science, Division of Agriculture and Natural Resources, University of California, March 1996)

Maximum arsenic background concentration source - *Determination of a Southern California Regional Background Arsenic Concentration in Soil*, DTSC March 2008

TABLE 2  
 SUMMARY OF SOIL ANALYTICAL RESULTS - GRO, DRO, ORO, VOCs, SVOCs & PESTICIDES  
 PARK TO PLAYA SEGMENT C SOIL SAMPLING  
 SOUTH LA CIENEGA BOULEVARD  
 LOS ANGELES, CALIFORNIA

Sample ID	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	VOCs (mg/kg)	SVOCs (mg/kg)	Organochlorine Pesticides (µg/kg)
B-1-1	<1.0	80	320	ND	ND	ND
B-1-2	<1.0	40	170	ND	ND	--
B-1-5	<1.0	24	81	ND	ND	--
B-2-1	<1.0	180	640	ND	ND	ND
B-2-2	<1.0	<10	<10	ND	ND	--
B-2-5	<1.0	<10	11	ND	ND	--
B-3-1	<1.0	310	940	ND	ND	ND
B-3-2	<1.0	33	76	ND	ND	--
B-3-5	<1.0	<10	<10	ND	ND	--
B-4-1	<1.0	2,300	11,000	ND	ND	ND
B-4-2	<1.0	21	90	ND	ND	--
B-4-5	<1.0	<10	12	ND	ND	--
B-5-1	<1.0	<10	13	ND	ND	ND
B-5-2	<1.0	23	50	ND	ND	--
B-5-5	<1.0	<10	11	ND	ND	--

TABLE 2  
 SUMMARY OF SOIL ANALYTICAL RESULTS - GRO, DRO, ORO, VOCs, SVOCs & PESTICIDES  
 PARK TO PLAYA SEGMENT C SOIL SAMPLING  
 SOUTH LA CIENEGA BOULEVARD  
 LOS ANGELES, CALIFORNIA

Sample ID	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	VOCs (mg/kg)	SVOCs (mg/kg)	Organochlorine Pesticides (µg/kg)
B-6-1	<1.0	21	63	ND	ND	ND
B-6-2	<1.0	<10	12	ND	ND	--
B-6-5	<1.0	<10	<10	ND	ND	--
B-7-1	<1.0	3,700	8,200	ND	ND	ND
B-7-2	<1.0	23	63	ND	ND	--
B-7-5	<1.0	<10	<10	ND	ND	--
B-8-1	<1.0	710	4,400	ND	ND	ND
B-8-2	<1.0	440	2,500	ND	ND	--
B-8-5	<1.0	340	1,700	ND	ND	--
B-9-1	<1.0	290	1,300	ND	ND	alpha- Chlordane [2C] -1.4, Chlordane 8.8, gamma-Chlordane [2C] 1.6
B-9-2	<1.0	120	680	ND	ND	--
B-9-5	<1.0	<10	23	ND	ND	--

TABLE 2  
 SUMMARY OF SOIL ANALYTICAL RESULTS - GRO, DRO, ORO, VOCs, SVOCs & PESTICIDES  
 PARK TO PLAYA SEGMENT C SOIL SAMPLING  
 SOUTH LA CIENEGA BOULEVARD  
 LOS ANGELES, CALIFORNIA

Sample ID	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	VOCs (mg/kg)	SVOCs (mg/kg)	Organochlorine Pesticides (µg/kg)
B-10-1	<1.0	770	4,400	ND	ND	ND
B-10-2	<1.0	28	120	ND	ND	--
B-10-5	<1.0	65	110	ND	ND	--

Notes:

mg/kg = milligrams per kilogram

µg/kg = micrograms per kilogram

GRO = Gasoline Range Organics

DRO = Diesel Range Organics

ORO = Oil Range Organics

VOCs = Volatile Organic Compounds by EPA Test Method 8260B

SVOCs = Semi Volatile Organic Compounds by EPA Test Method 8270

Organochlorine Pesticides by EPA Test Method 8081

--- = Not analyzed

< = Not detected at concentrations equal to or greater than laboratory detection limit specified.

ND = Not detected for all listed compounds

August 27, 2015

Scott Nunez  
Geocon West, Inc.  
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Burbank, CA 91504  
Tel: (818) 841-8388  
Fax:(818) 841-1704

ELAP No.: 1838  
CSDLAC No.: 10196  
ORELAP No.: CA300003  
TCEQ No. : T104704502

Re: ATL Work Order Number : 1502812

Client Reference : Park to Playa Seg C Soil Sampling, A9240-77-01

Enclosed are the results for sample(s) received on August 14, 2015 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

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

Sincerely,



Eddie Rodriguez  
Laboratory Director

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 : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

### SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B-1-1	1502812-01	Soil	8/14/15 9:24	8/14/15 14:00
B-1-2	1502812-02	Soil	8/14/15 9:27	8/14/15 14:00
B-1-5	1502812-03	Soil	8/14/15 9:29	8/14/15 14:00
B-2-1	1502812-04	Soil	8/14/15 9:36	8/14/15 14:00
B-2-2	1502812-05	Soil	8/14/15 9:38	8/14/15 14:00
B-2-5	1502812-06	Soil	8/14/15 9:41	8/14/15 14:00
B-3-1	1502812-07	Soil	8/14/15 9:50	8/14/15 14:00
B-3-2	1502812-08	Soil	8/14/15 9:51	8/14/15 14:00
B-3-5	1502812-09	Soil	8/14/15 9:52	8/14/15 14:00
B-4-1	1502812-10	Soil	8/14/15 9:58	8/14/15 14:00
B-4-2	1502812-11	Soil	8/14/15 10:00	8/14/15 14:00
B-4-5	1502812-12	Soil	8/14/15 10:02	8/14/15 14:00
B-5-1	1502812-13	Soil	8/14/15 10:10	8/14/15 14:00
B-5-2	1502812-14	Soil	8/14/15 10:11	8/14/15 14:00
B-5-5	1502812-15	Soil	8/14/15 10:13	8/14/15 14:00
B-6-1	1502812-16	Soil	8/14/15 10:22	8/14/15 14:00
B-6-2	1502812-17	Soil	8/14/15 10:23	8/14/15 14:00
B-6-5	1502812-18	Soil	8/14/15 10:24	8/14/15 14:00
B-7-1	1502812-19	Soil	8/14/15 10:32	8/14/15 14:00
B-7-2	1502812-20	Soil	8/14/15 10:34	8/14/15 14:00
B-7-5	1502812-21	Soil	8/14/15 10:36	8/14/15 14:00
B-8-1	1502812-22	Soil	8/14/15 11:38	8/14/15 14:00
B-8-2	1502812-23	Soil	8/14/15 11:40	8/14/15 14:00
B-8-5	1502812-24	Soil	8/14/15 11:41	8/14/15 14:00
B-9-1	1502812-25	Soil	8/14/15 11:50	8/14/15 14:00
B-9-2	1502812-26	Soil	8/14/15 11:54	8/14/15 14:00
B-9-5	1502812-27	Soil	8/14/15 11:58	8/14/15 14:00
B-10-1	1502812-28	Soil	8/14/15 12:08	8/14/15 14:00
B-10-2	1502812-29	Soil	8/14/15 12:09	8/14/15 14:00
B-10-5	1502812-30	Soil	8/14/15 12:10	8/14/15 14:00



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-1-1**  
**Lab ID: 1502812-01**

### Title 22 Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B5H0453	08/18/2015	08/19/15 10:47	
<b>Arsenic</b>	<b>7.1</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:47	
<b>Barium</b>	<b>110</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:47	
Beryllium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:47	
Cadmium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:47	
<b>Chromium</b>	<b>13</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:47	
<b>Cobalt</b>	<b>6.4</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:47	
<b>Copper</b>	<b>13</b>	2.0	1	B5H0453	08/18/2015	08/19/15 10:47	
<b>Lead</b>	<b>16</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:47	
Molybdenum	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:47	
<b>Nickel</b>	<b>10</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:47	
Selenium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:47	
Silver	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:47	
Thallium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:47	
<b>Vanadium</b>	<b>22</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:47	
<b>Zinc</b>	<b>50</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:47	

### Mercury by AA (Cold Vapor) EPA 7471A

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	1	B5H0455	08/18/2015	08/19/15 12:30	

### Gasoline Range Organics by EPA 8015B (Modified)

Analyst: BT

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B5H0617	08/14/2015	08/24/15 02:49	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>69.7 %</i>	<i>37 - 153</i>		B5H0617	08/14/2015	<i>08/24/15 02:49</i>	

### Diesel Range Organics by EPA 8015B

Analyst: CR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<b>DRO</b>	<b>80</b>	10	1	B5H0543	08/20/2015	08/26/15 13:49	
<b>ORO</b>	<b>320</b>	10	1	B5H0543	08/20/2015	08/26/15 13:49	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-1-1**

**Lab ID: 1502812-01**

### Diesel Range Organics by EPA 8015B

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: p-Terphenyl</i>	99.0 %	49 - 142		B5H0543	08/20/2015	08/26/15 13:49	

### Organochlorine Pesticides by EPA 8081

**Analyst: CL**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B5H0559	08/20/2015	08/21/15 10:25	
4,4'-DDE	ND	2.0	1	B5H0559	08/20/2015	08/21/15 10:25	
4,4'-DDT	ND	2.0	1	B5H0559	08/20/2015	08/21/15 10:25	
Aldrin	ND	1.0	1	B5H0559	08/20/2015	08/21/15 10:25	
alpha-BHC	ND	1.0	1	B5H0559	08/20/2015	08/21/15 10:25	
alpha-Chlordane [2C]	ND	1.0	1	B5H0559	08/20/2015	08/21/15 10:25	
beta-BHC	ND	1.0	1	B5H0559	08/20/2015	08/21/15 10:25	
Chlordane	ND	8.5	1	B5H0559	08/20/2015	08/21/15 10:25	
delta-BHC	ND	1.0	1	B5H0559	08/20/2015	08/21/15 10:25	
Dieldrin	ND	2.0	1	B5H0559	08/20/2015	08/21/15 10:25	
Endosulfan I	ND	1.0	1	B5H0559	08/20/2015	08/21/15 10:25	
Endosulfan II	ND	2.0	1	B5H0559	08/20/2015	08/21/15 10:25	
Endosulfan sulfate	ND	2.0	1	B5H0559	08/20/2015	08/21/15 10:25	
Endrin	ND	2.0	1	B5H0559	08/20/2015	08/21/15 10:25	
Endrin aldehyde	ND	2.0	1	B5H0559	08/20/2015	08/21/15 10:25	
Endrin ketone	ND	2.0	1	B5H0559	08/20/2015	08/21/15 10:25	
gamma-BHC	ND	1.0	1	B5H0559	08/20/2015	08/21/15 10:25	
gamma-Chlordane	ND	1.0	1	B5H0559	08/20/2015	08/21/15 10:25	
Heptachlor	ND	1.0	1	B5H0559	08/20/2015	08/21/15 10:25	
Heptachlor epoxide	ND	1.0	1	B5H0559	08/20/2015	08/21/15 10:25	
Methoxychlor	ND	5.0	1	B5H0559	08/20/2015	08/21/15 10:25	
Toxaphene	ND	50	1	B5H0559	08/20/2015	08/21/15 10:25	
<i>Surrogate: Decachlorobiphenyl</i>	65.1 %	16 - 137		B5H0559	08/20/2015	08/21/15 10:25	
<i>Surrogate: Tetrachloro-m-xylene</i>	52.7 %	16 - 105		B5H0559	08/20/2015	08/21/15 10:25	





## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-1-1**

**Lab ID: 1502812-01**

### Volatile Organic Compounds by EPA 8260B

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
1,1,1-Trichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
1,1,2-Trichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
1,1-Dichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
1,1-Dichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
1,1-Dichloropropene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
1,2,3-Trichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
1,2,3-Trichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
1,2,4-Trichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
1,2,4-Trimethylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
1,2-Dibromo-3-chloropropane	ND	10	1	B5H0428	08/17/2015	08/17/15 15:58	
1,2-Dibromoethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
1,2-Dichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
1,2-Dichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
1,2-Dichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
1,3,5-Trimethylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
1,3-Dichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
1,3-Dichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
1,4-Dichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
2,2-Dichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
2-Chlorotoluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
4-Chlorotoluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
4-Isopropyltoluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
Benzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
Bromobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
Bromodichloromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
Bromoform	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
Bromomethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
Carbon tetrachloride	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
Chlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
Chloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
Chloroform	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
Chloromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
cis-1,2-Dichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
cis-1,3-Dichloropropene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
Dibromochloromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-1-1**  
**Lab ID: 1502812-01**

## Volatile Organic Compounds by EPA 8260B

Analyst: AG

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Dibromomethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
Dichlorodifluoromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
Ethylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
Hexachlorobutadiene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
Isopropylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
m,p-Xylene	ND	10	1	B5H0428	08/17/2015	08/17/15 15:58	
Methylene chloride	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
n-Butylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
n-Propylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
Naphthalene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
o-Xylene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
sec-Butylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
Styrene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
tert-Butylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
Tetrachloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
Toluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
trans-1,2-Dichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
Trichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
Trichlorofluoromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
Vinyl chloride	ND	5.0	1	B5H0428	08/17/2015	08/17/15 15:58	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>86.3 %</i>	<i>20 - 189</i>		B5H0428	08/17/2015	<i>08/17/15 15:58</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>109 %</i>	<i>20 - 173</i>		B5H0428	08/17/2015	<i>08/17/15 15:58</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>98.0 %</i>	<i>26 - 178</i>		B5H0428	08/17/2015	<i>08/17/15 15:58</i>	
<i>Surrogate: Toluene-d8</i>	<i>83.1 %</i>	<i>31 - 166</i>		B5H0428	08/17/2015	<i>08/17/15 15:58</i>	



# Certificate of Analysis

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 Burbank , CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-1-1**

**Lab ID: 1502812-01**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
1,2-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
1,3-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
1,4-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
2,4,5-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
2,4,6-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
2,4-Dichlorophenol	ND	1600	1	B5H0470	08/18/2015	08/21/15 00:38	
2,4-Dimethylphenol	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
2,4-Dinitrophenol	ND	1600	1	B5H0470	08/18/2015	08/21/15 00:38	
2,4-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
2,6-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
2-Chloronaphthalene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
2-Chlorophenol	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
2-Methylnaphthalene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
2-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
2-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/21/15 00:38	
2-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
3,3'-Dichlorobenzidine	ND	660	1	B5H0470	08/18/2015	08/21/15 00:38	
3-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/21/15 00:38	
4,6-Dinitro-2-methylphenol	ND	1600	1	B5H0470	08/18/2015	08/21/15 00:38	
4-Bromophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
4-Chloro-3-methylphenol	ND	660	1	B5H0470	08/18/2015	08/21/15 00:38	
4-Chloroaniline	ND	660	1	B5H0470	08/18/2015	08/21/15 00:38	
4-Chlorophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
4-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
4-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/21/15 00:38	
4-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
Acenaphthene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
Acenaphthylene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
Anthracene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
Benzidine (M)	ND	1600	1	B5H0470	08/18/2015	08/21/15 00:38	
Benzo(a)anthracene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
Benzo(a)pyrene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
Benzo(b)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
Benzo(g,h,i)perylene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
Benzo(k)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
Benzoic acid	ND	1600	1	B5H0470	08/18/2015	08/21/15 00:38	



# Certificate of Analysis

Geocon West, Inc.

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Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-1-1**

**Lab ID: 1502812-01**

## Semivolatile Organic Compounds by EPA 8270C

Analyst: BD

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Benzyl alcohol	ND	660	1	B5H0470	08/18/2015	08/21/15 00:38	
bis(2-chloroethoxy)methane	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
bis(2-Chloroethyl)ether	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
bis(2-chloroisopropyl)ether	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
bis(2-ethylhexyl)phthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
Butylbenzylphthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
Chrysene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
Di-n-butylphthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
Di-n-octylphthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
Dibenz(a,h)anthracene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
Dibenzofuran	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
Diethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
Dimethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
Fluoranthene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
Fluorene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
Hexachlorobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
Hexachlorobutadiene	ND	660	1	B5H0470	08/18/2015	08/21/15 00:38	
Hexachlorocyclopentadiene	ND	660	1	B5H0470	08/18/2015	08/21/15 00:38	
Hexachloroethane	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
Indeno(1,2,3-cd)pyrene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
Isophorone	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
N-Nitroso-di-n propylamine	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
N-Nitrosodiphenylamine	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
Naphthalene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
Nitrobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
Pentachlorophenol	ND	1600	1	B5H0470	08/18/2015	08/21/15 00:38	
Phenanthrene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
Phenol	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
Pyrene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:38	
Pyridine	ND	1600	1	B5H0470	08/18/2015	08/21/15 00:38	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>72.3 %</i>	<i>24 - 114</i>		B5H0470	08/18/2015	<i>08/21/15 00:38</i>	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>80.1 %</i>	<i>0 - 189</i>		B5H0470	08/18/2015	<i>08/21/15 00:38</i>	
<i>Surrogate: 2-Chlorophenol-d4</i>	<i>74.6 %</i>	<i>23 - 123</i>		B5H0470	08/18/2015	<i>08/21/15 00:38</i>	
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>82.7 %</i>	<i>28 - 128</i>		B5H0470	08/18/2015	<i>08/21/15 00:38</i>	
<i>Surrogate: 2-Fluorophenol</i>	<i>73.4 %</i>	<i>8 - 138</i>		B5H0470	08/18/2015	<i>08/21/15 00:38</i>	
<i>Surrogate: 4-Terphenyl-d14</i>	<i>85.1 %</i>	<i>27 - 154</i>		B5H0470	08/18/2015	<i>08/21/15 00:38</i>	
<i>Surrogate: Nitrobenzene-d5</i>	<i>80.9 %</i>	<i>19 - 129</i>		B5H0470	08/18/2015	<i>08/21/15 00:38</i>	



### Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
Report To : Scott Nunez  
Reported : 08/27/2015

**Client Sample ID B-1-1**  
**Lab ID: 1502812-01**

#### Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: Phenol-d5</i>	77.4 %	20 - 126		B5H0470	08/18/2015	08/21/15 00:38	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-1-2**

**Lab ID: 1502812-02**

**Title 22 Metals by ICP-AES EPA 6010B**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B5H0453	08/18/2015	08/19/15 10:49	
<b>Arsenic</b>	<b>6.6</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:49	
<b>Barium</b>	<b>130</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:49	
Beryllium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:49	
Cadmium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:49	
<b>Chromium</b>	<b>17</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:49	
<b>Cobalt</b>	<b>8.1</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:49	
<b>Copper</b>	<b>16</b>	2.0	1	B5H0453	08/18/2015	08/19/15 10:49	
<b>Lead</b>	<b>18</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:49	
Molybdenum	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:49	
<b>Nickel</b>	<b>14</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:49	
Selenium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:49	
Silver	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:49	
Thallium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:49	
<b>Vanadium</b>	<b>31</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:49	
<b>Zinc</b>	<b>56</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:49	

**Mercury by AA (Cold Vapor) EPA 7471A**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	0.14	0.10	1	B5H0455	08/18/2015	08/19/15 12:32	

**Gasoline Range Organics by EPA 8015B (Modified)**

**Analyst: BT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B5H0617	08/14/2015	08/24/15 03:04	
<i>Surrogate: 4-Bromofluorobenzene</i>	72.0 %	37 - 153		B5H0617	08/14/2015	08/24/15 03:04	

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<b>DRO</b>	<b>40</b>	10	1	B5H0543	08/20/2015	08/26/15 13:38	
<b>ORO</b>	<b>170</b>	10	1	B5H0543	08/20/2015	08/26/15 13:38	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

## Client Sample ID B-1-2

Lab ID: 1502812-02

### Diesel Range Organics by EPA 8015B

Analyst: CR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: p-Terphenyl	110 %	49 - 142		B5H0543	08/20/2015	08/26/15 13:38	

### Volatile Organic Compounds by EPA 8260B

Analyst: AG

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
1,1,1-Trichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
1,1,2-Trichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
1,1-Dichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
1,1-Dichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
1,1-Dichloropropene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
1,2,3-Trichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
1,2,3-Trichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
1,2,4-Trichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
1,2,4-Trimethylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
1,2-Dibromo-3-chloropropane	ND	10	1	B5H0428	08/17/2015	08/17/15 18:09	
1,2-Dibromoethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
1,2-Dichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
1,2-Dichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
1,2-Dichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
1,3,5-Trimethylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
1,3-Dichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
1,3-Dichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
1,4-Dichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
2,2-Dichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
2-Chlorotoluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
4-Chlorotoluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
4-Isopropyltoluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
Benzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
Bromobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
Bromodichloromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
Bromoform	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
Bromomethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
Carbon tetrachloride	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
Chlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-1-2**

**Lab ID: 1502812-02**

**Volatile Organic Compounds by EPA 8260B**

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
Chloroform	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
Chloromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
cis-1,2-Dichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
cis-1,3-Dichloropropene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
Dibromochloromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
Dibromomethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
Dichlorodifluoromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
Ethylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
Hexachlorobutadiene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
Isopropylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
m,p-Xylene	ND	10	1	B5H0428	08/17/2015	08/17/15 18:09	
Methylene chloride	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
n-Butylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
n-Propylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
Naphthalene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
o-Xylene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
sec-Butylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
Styrene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
tert-Butylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
Tetrachloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
Toluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
trans-1,2-Dichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
Trichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
Trichlorofluoromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
Vinyl chloride	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:09	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>90.8 %</i>	<i>20 - 189</i>		B5H0428	08/17/2015	<i>08/17/15 18:09</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>107 %</i>	<i>20 - 173</i>		B5H0428	08/17/2015	<i>08/17/15 18:09</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>110 %</i>	<i>26 - 178</i>		B5H0428	08/17/2015	<i>08/17/15 18:09</i>	
<i>Surrogate: Toluene-d8</i>	<i>86.4 %</i>	<i>31 - 166</i>		B5H0428	08/17/2015	<i>08/17/15 18:09</i>	





# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-1-2**

**Lab ID: 1502812-02**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
1,2-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
1,3-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
1,4-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
2,4,5-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
2,4,6-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
2,4-Dichlorophenol	ND	1600	1	B5H0470	08/18/2015	08/21/15 01:06	
2,4-Dimethylphenol	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
2,4-Dinitrophenol	ND	1600	1	B5H0470	08/18/2015	08/21/15 01:06	
2,4-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
2,6-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
2-Chloronaphthalene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
2-Chlorophenol	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
2-Methylnaphthalene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
2-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
2-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/21/15 01:06	
2-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
3,3'-Dichlorobenzidine	ND	660	1	B5H0470	08/18/2015	08/21/15 01:06	
3-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/21/15 01:06	
4,6-Dinitro-2-methylphenol	ND	1600	1	B5H0470	08/18/2015	08/21/15 01:06	
4-Bromophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
4-Chloro-3-methylphenol	ND	660	1	B5H0470	08/18/2015	08/21/15 01:06	
4-Chloroaniline	ND	660	1	B5H0470	08/18/2015	08/21/15 01:06	
4-Chlorophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
4-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
4-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/21/15 01:06	
4-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
Acenaphthene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
Acenaphthylene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
Anthracene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
Benzidine (M)	ND	1600	1	B5H0470	08/18/2015	08/21/15 01:06	
Benzo(a)anthracene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
Benzo(a)pyrene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
Benzo(b)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
Benzo(g,h,i)perylene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
Benzo(k)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
Benzoic acid	ND	1600	1	B5H0470	08/18/2015	08/21/15 01:06	



# Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-1-2**

**Lab ID: 1502812-02**

## Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Benzyl alcohol	ND	660	1	B5H0470	08/18/2015	08/21/15 01:06	
bis(2-chloroethoxy)methane	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
bis(2-Chloroethyl)ether	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
bis(2-chloroisopropyl)ether	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
bis(2-ethylhexyl)phthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
Butylbenzylphthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
Chrysene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
Di-n-butylphthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
Di-n-octylphthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
Dibenz(a,h)anthracene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
Dibenzofuran	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
Diethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
Dimethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
Fluoranthene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
Fluorene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
Hexachlorobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
Hexachlorobutadiene	ND	660	1	B5H0470	08/18/2015	08/21/15 01:06	
Hexachlorocyclopentadiene	ND	660	1	B5H0470	08/18/2015	08/21/15 01:06	
Hexachloroethane	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
Indeno(1,2,3-cd)pyrene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
Isophorone	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
N-Nitroso-di-n propylamine	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
N-Nitrosodiphenylamine	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
Naphthalene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
Nitrobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
Pentachlorophenol	ND	1600	1	B5H0470	08/18/2015	08/21/15 01:06	
Phenanthrene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
Phenol	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
Pyrene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:06	
Pyridine	ND	1600	1	B5H0470	08/18/2015	08/21/15 01:06	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>79.4 %</i>	<i>24 - 114</i>		B5H0470	08/18/2015	<i>08/21/15 01:06</i>	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>85.7 %</i>	<i>0 - 189</i>		B5H0470	08/18/2015	<i>08/21/15 01:06</i>	
<i>Surrogate: 2-Chlorophenol-d4</i>	<i>81.4 %</i>	<i>23 - 123</i>		B5H0470	08/18/2015	<i>08/21/15 01:06</i>	
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>89.0 %</i>	<i>28 - 128</i>		B5H0470	08/18/2015	<i>08/21/15 01:06</i>	
<i>Surrogate: 2-Fluorophenol</i>	<i>80.0 %</i>	<i>8 - 138</i>		B5H0470	08/18/2015	<i>08/21/15 01:06</i>	
<i>Surrogate: 4-Terphenyl-d14</i>	<i>87.2 %</i>	<i>27 - 154</i>		B5H0470	08/18/2015	<i>08/21/15 01:06</i>	
<i>Surrogate: Nitrobenzene-d5</i>	<i>88.7 %</i>	<i>19 - 129</i>		B5H0470	08/18/2015	<i>08/21/15 01:06</i>	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank , CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-1-2**

**Lab ID: 1502812-02**

### Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: Phenol-d5</i>	84.2 %	20 - 126		B5H0470	08/18/2015	08/21/15 01:06	



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-1-5**

**Lab ID: 1502812-03**

**Title 22 Metals by ICP-AES EPA 6010B**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B5H0453	08/18/2015	08/19/15 10:51	
<b>Arsenic</b>	<b>2.6</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:51	
<b>Barium</b>	<b>69</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:51	
Beryllium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:51	
Cadmium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:51	
<b>Chromium</b>	<b>16</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:51	
<b>Cobalt</b>	<b>5.0</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:51	
<b>Copper</b>	<b>12</b>	2.0	1	B5H0453	08/18/2015	08/19/15 10:51	
<b>Lead</b>	<b>6.5</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:51	
Molybdenum	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:51	
<b>Nickel</b>	<b>9.6</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:51	
Selenium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:51	
Silver	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:51	
Thallium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:51	
<b>Vanadium</b>	<b>24</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:51	
<b>Zinc</b>	<b>210</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:51	

**Mercury by AA (Cold Vapor) EPA 7471A**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	1	B5H0455	08/18/2015	08/19/15 12:34	

**Gasoline Range Organics by EPA 8015B (Modified)**

**Analyst: BT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B5H0617	08/14/2015	08/24/15 03:20	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>68.4 %</i>	<i>37 - 153</i>		B5H0617	08/14/2015	<i>08/24/15 03:20</i>	

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<b>DRO</b>	<b>24</b>	10	1	B5H0543	08/20/2015	08/26/15 13:16	
<b>ORO</b>	<b>81</b>	10	1	B5H0543	08/20/2015	08/26/15 13:16	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

## Client Sample ID B-1-5

Lab ID: 1502812-03

### Diesel Range Organics by EPA 8015B

Analyst: CR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: p-Terphenyl	102 %	49 - 142		B5H0543	08/20/2015	08/26/15 13:16	

### Volatile Organic Compounds by EPA 8260B

Analyst: AG

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
1,1,1-Trichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
1,1,2-Trichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
1,1-Dichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
1,1-Dichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
1,1-Dichloropropene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
1,2,3-Trichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
1,2,3-Trichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
1,2,4-Trichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
1,2,4-Trimethylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
1,2-Dibromo-3-chloropropane	ND	10	1	B5H0428	08/17/2015	08/17/15 18:27	
1,2-Dibromoethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
1,2-Dichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
1,2-Dichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
1,2-Dichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
1,3,5-Trimethylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
1,3-Dichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
1,3-Dichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
1,4-Dichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
2,2-Dichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
2-Chlorotoluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
4-Chlorotoluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
4-Isopropyltoluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
Benzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
Bromobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
Bromodichloromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
Bromoform	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
Bromomethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
Carbon tetrachloride	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
Chlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-1-5**

**Lab ID: 1502812-03**

**Volatile Organic Compounds by EPA 8260B**

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
Chloroform	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
Chloromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
cis-1,2-Dichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
cis-1,3-Dichloropropene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
Dibromochloromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
Dibromomethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
Dichlorodifluoromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
Ethylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
Hexachlorobutadiene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
Isopropylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
m,p-Xylene	ND	10	1	B5H0428	08/17/2015	08/17/15 18:27	
Methylene chloride	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
n-Butylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
n-Propylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
Naphthalene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
o-Xylene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
sec-Butylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
Styrene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
tert-Butylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
Tetrachloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
Toluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
trans-1,2-Dichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
Trichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
Trichlorofluoromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
Vinyl chloride	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:27	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>90.5 %</i>	<i>20 - 189</i>		B5H0428	08/17/2015	<i>08/17/15 18:27</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>109 %</i>	<i>20 - 173</i>		B5H0428	08/17/2015	<i>08/17/15 18:27</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>106 %</i>	<i>26 - 178</i>		B5H0428	08/17/2015	<i>08/17/15 18:27</i>	
<i>Surrogate: Toluene-d8</i>	<i>83.9 %</i>	<i>31 - 166</i>		B5H0428	08/17/2015	<i>08/17/15 18:27</i>	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-1-5**

**Lab ID: 1502812-03**

### Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
1,2-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
1,3-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
1,4-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
2,4,5-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
2,4,6-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
2,4-Dichlorophenol	ND	1600	1	B5H0470	08/18/2015	08/21/15 01:34	
2,4-Dimethylphenol	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
2,4-Dinitrophenol	ND	1600	1	B5H0470	08/18/2015	08/21/15 01:34	
2,4-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
2,6-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
2-Chloronaphthalene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
2-Chlorophenol	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
2-Methylnaphthalene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
2-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
2-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/21/15 01:34	
2-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
3,3'-Dichlorobenzidine	ND	660	1	B5H0470	08/18/2015	08/21/15 01:34	
3-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/21/15 01:34	
4,6-Dinitro-2-methylphenol	ND	1600	1	B5H0470	08/18/2015	08/21/15 01:34	
4-Bromophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
4-Chloro-3-methylphenol	ND	660	1	B5H0470	08/18/2015	08/21/15 01:34	
4-Chloroaniline	ND	660	1	B5H0470	08/18/2015	08/21/15 01:34	
4-Chlorophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
4-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
4-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/21/15 01:34	
4-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
Acenaphthene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
Acenaphthylene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
Anthracene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
Benzidine (M)	ND	1600	1	B5H0470	08/18/2015	08/21/15 01:34	
Benzo(a)anthracene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
Benzo(a)pyrene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
Benzo(b)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
Benzo(g,h,i)perylene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
Benzo(k)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
Benzoic acid	ND	1600	1	B5H0470	08/18/2015	08/21/15 01:34	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-1-5**

**Lab ID: 1502812-03**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Benzyl alcohol	ND	660	1	B5H0470	08/18/2015	08/21/15 01:34	
bis(2-chloroethoxy)methane	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
bis(2-Chloroethyl)ether	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
bis(2-chloroisopropyl)ether	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
bis(2-ethylhexyl)phthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
Butylbenzylphthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
Chrysene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
Di-n-butylphthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
Di-n-octylphthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
Dibenz(a,h)anthracene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
Dibenzofuran	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
Diethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
Dimethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
Fluoranthene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
Fluorene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
Hexachlorobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
Hexachlorobutadiene	ND	660	1	B5H0470	08/18/2015	08/21/15 01:34	
Hexachlorocyclopentadiene	ND	660	1	B5H0470	08/18/2015	08/21/15 01:34	
Hexachloroethane	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
Indeno(1,2,3-cd)pyrene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
Isophorone	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
N-Nitroso-di-n propylamine	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
N-Nitrosodiphenylamine	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
Naphthalene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
Nitrobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
Pentachlorophenol	ND	1600	1	B5H0470	08/18/2015	08/21/15 01:34	
Phenanthrene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
Phenol	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
Pyrene	ND	330	1	B5H0470	08/18/2015	08/21/15 01:34	
Pyridine	ND	1600	1	B5H0470	08/18/2015	08/21/15 01:34	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>74.4 %</i>	<i>24 - 114</i>		B5H0470	08/18/2015	<i>08/21/15 01:34</i>	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>81.0 %</i>	<i>0 - 189</i>		B5H0470	08/18/2015	<i>08/21/15 01:34</i>	
<i>Surrogate: 2-Chlorophenol-d4</i>	<i>75.3 %</i>	<i>23 - 123</i>		B5H0470	08/18/2015	<i>08/21/15 01:34</i>	
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>84.5 %</i>	<i>28 - 128</i>		B5H0470	08/18/2015	<i>08/21/15 01:34</i>	
<i>Surrogate: 2-Fluorophenol</i>	<i>74.8 %</i>	<i>8 - 138</i>		B5H0470	08/18/2015	<i>08/21/15 01:34</i>	
<i>Surrogate: 4-Terphenyl-d14</i>	<i>85.6 %</i>	<i>27 - 154</i>		B5H0470	08/18/2015	<i>08/21/15 01:34</i>	
<i>Surrogate: Nitrobenzene-d5</i>	<i>83.4 %</i>	<i>19 - 129</i>		B5H0470	08/18/2015	<i>08/21/15 01:34</i>	





### Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
Report To : Scott Nunez  
Reported : 08/27/2015

**Client Sample ID B-1-5**  
**Lab ID: 1502812-03**

#### Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: Phenol-d5</i>	79.2 %	20 - 126		B5H0470	08/18/2015	08/21/15 01:34	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
Report To : Scott Nunez  
Reported : 08/27/2015

**Client Sample ID B-2-1**

**Lab ID: 1502812-04**

## Title 22 Metals by ICP-AES EPA 6010B

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<b>Antimony</b>	<b>5.3</b>	2.0	1	B5H0453	08/18/2015	08/19/15 10:53	
<b>Arsenic</b>	<b>98</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:53	
<b>Barium</b>	<b>60</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:53	
Beryllium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:53	
Cadmium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:53	
<b>Chromium</b>	<b>15</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:53	
<b>Cobalt</b>	<b>3.0</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:53	
<b>Copper</b>	<b>8.0</b>	2.0	1	B5H0453	08/18/2015	08/19/15 10:53	
<b>Lead</b>	<b>4.3</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:53	
Molybdenum	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:53	
<b>Nickel</b>	<b>6.5</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:53	
Selenium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:53	
Silver	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:53	
Thallium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:53	
<b>Vanadium</b>	<b>15</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:53	
<b>Zinc</b>	<b>23</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:53	

## Mercury by AA (Cold Vapor) EPA 7471A

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	1	B5H0455	08/18/2015	08/19/15 12:36	

## Gasoline Range Organics by EPA 8015B (Modified)

**Analyst: BT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B5H0617	08/14/2015	08/24/15 03:36	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>71.7 %</i>	<i>37 - 153</i>		B5H0617	08/14/2015	<i>08/24/15 03:36</i>	

## Diesel Range Organics by EPA 8015B

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<b>DRO</b>	<b>180</b>	10	1	B5H0543	08/20/2015	08/26/15 14:00	
<b>ORO</b>	<b>640</b>	10	1	B5H0543	08/20/2015	08/26/15 14:00	



## Certificate of Analysis

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Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-2-1**

**Lab ID: 1502812-04**

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: p-Terphenyl</i>	<i>103 %</i>	<i>49 - 142</i>		B5H0543	08/20/2015	<i>08/26/15 14:00</i>	

**Organochlorine Pesticides by EPA 8081**

**Analyst: CL**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B5H0559	08/20/2015	08/21/15 10:36	
4,4'-DDE	ND	2.0	1	B5H0559	08/20/2015	08/21/15 10:36	
4,4'-DDT	ND	2.0	1	B5H0559	08/20/2015	08/21/15 10:36	
Aldrin	ND	1.0	1	B5H0559	08/20/2015	08/21/15 10:36	
alpha-BHC	ND	1.0	1	B5H0559	08/20/2015	08/21/15 10:36	
alpha-Chlordane	ND	1.0	1	B5H0559	08/20/2015	08/21/15 10:36	
beta-BHC	ND	1.0	1	B5H0559	08/20/2015	08/21/15 10:36	
Chlordane	ND	8.5	1	B5H0559	08/20/2015	08/21/15 10:36	
delta-BHC	ND	1.0	1	B5H0559	08/20/2015	08/21/15 10:36	
Dieldrin	ND	2.0	1	B5H0559	08/20/2015	08/21/15 10:36	
Endosulfan I	ND	1.0	1	B5H0559	08/20/2015	08/21/15 10:36	
Endosulfan II	ND	2.0	1	B5H0559	08/20/2015	08/21/15 10:36	
Endosulfan sulfate	ND	2.0	1	B5H0559	08/20/2015	08/21/15 10:36	
Endrin	ND	2.0	1	B5H0559	08/20/2015	08/21/15 10:36	
Endrin aldehyde	ND	2.0	1	B5H0559	08/20/2015	08/21/15 10:36	
Endrin ketone	ND	2.0	1	B5H0559	08/20/2015	08/21/15 10:36	
gamma-BHC	ND	1.0	1	B5H0559	08/20/2015	08/21/15 10:36	
gamma-Chlordane	ND	1.0	1	B5H0559	08/20/2015	08/21/15 10:36	
Heptachlor	ND	1.0	1	B5H0559	08/20/2015	08/21/15 10:36	
Heptachlor epoxide	ND	1.0	1	B5H0559	08/20/2015	08/21/15 10:36	
Methoxychlor	ND	5.0	1	B5H0559	08/20/2015	08/21/15 10:36	
Toxaphene	ND	50	1	B5H0559	08/20/2015	08/21/15 10:36	
<i>Surrogate: Decachlorobiphenyl</i>	<i>43.8 %</i>	<i>16 - 137</i>		B5H0559	08/20/2015	<i>08/21/15 10:36</i>	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>41.9 %</i>	<i>16 - 105</i>		B5H0559	08/20/2015	<i>08/21/15 10:36</i>	



# Certificate of Analysis

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 Burbank , CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-2-1**

**Lab ID: 1502812-04**

**Volatile Organic Compounds by EPA 8260B**

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
1,1,1-Trichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
1,1,2-Trichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
1,1-Dichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
1,1-Dichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
1,1-Dichloropropene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
1,2,3-Trichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
1,2,3-Trichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
1,2,4-Trichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
1,2,4-Trimethylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
1,2-Dibromo-3-chloropropane	ND	10	1	B5H0428	08/17/2015	08/17/15 18:46	
1,2-Dibromoethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
1,2-Dichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
1,2-Dichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
1,2-Dichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
1,3,5-Trimethylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
1,3-Dichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
1,3-Dichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
1,4-Dichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
2,2-Dichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
2-Chlorotoluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
4-Chlorotoluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
4-Isopropyltoluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
Benzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
Bromobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
Bromodichloromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
Bromoform	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
Bromomethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
Carbon tetrachloride	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
Chlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
Chloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
Chloroform	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
Chloromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
cis-1,2-Dichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
cis-1,3-Dichloropropene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
Dibromochloromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-2-1**

**Lab ID: 1502812-04**

## Volatile Organic Compounds by EPA 8260B

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Dibromomethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
Dichlorodifluoromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
Ethylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
Hexachlorobutadiene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
Isopropylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
m,p-Xylene	ND	10	1	B5H0428	08/17/2015	08/17/15 18:46	
Methylene chloride	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
n-Butylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
n-Propylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
Naphthalene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
o-Xylene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
sec-Butylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
Styrene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
tert-Butylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
Tetrachloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
Toluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
trans-1,2-Dichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
Trichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
Trichlorofluoromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
Vinyl chloride	ND	5.0	1	B5H0428	08/17/2015	08/17/15 18:46	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>82.0 %</i>	<i>20 - 189</i>		B5H0428	08/17/2015	<i>08/17/15 18:46</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>107 %</i>	<i>20 - 173</i>		B5H0428	08/17/2015	<i>08/17/15 18:46</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>99.6 %</i>	<i>26 - 178</i>		B5H0428	08/17/2015	<i>08/17/15 18:46</i>	
<i>Surrogate: Toluene-d8</i>	<i>86.9 %</i>	<i>31 - 166</i>		B5H0428	08/17/2015	<i>08/17/15 18:46</i>	



# Certificate of Analysis

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Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-2-1**

**Lab ID: 1502812-04**

## Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
1,2-Dichlorobenzene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
1,3-Dichlorobenzene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
1,4-Dichlorobenzene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
2,4,5-Trichlorophenol	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
2,4,6-Trichlorophenol	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
2,4-Dichlorophenol	ND	50000	10	B5H0470	08/18/2015	08/25/15 10:08	D7
2,4-Dimethylphenol	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
2,4-Dinitrophenol	ND	50000	10	B5H0470	08/18/2015	08/25/15 10:08	D7
2,4-Dinitrotoluene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
2,6-Dinitrotoluene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
2-Chloronaphthalene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
2-Chlorophenol	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
2-Methylnaphthalene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
2-Methylphenol	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
2-Nitroaniline	ND	50000	10	B5H0470	08/18/2015	08/25/15 10:08	D7
2-Nitrophenol	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
3,3'-Dichlorobenzidine	ND	20000	10	B5H0470	08/18/2015	08/25/15 10:08	D7
3-Nitroaniline	ND	50000	10	B5H0470	08/18/2015	08/25/15 10:08	D7
4,6-Dinitro-2-methylphenol	ND	50000	10	B5H0470	08/18/2015	08/25/15 10:08	D7
4-Bromophenyl-phenylether	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
4-Chloro-3-methylphenol	ND	20000	10	B5H0470	08/18/2015	08/25/15 10:08	D7
4-Chloroaniline	ND	20000	10	B5H0470	08/18/2015	08/25/15 10:08	D7
4-Chlorophenyl-phenylether	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
4-Methylphenol	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
4-Nitroaniline	ND	50000	10	B5H0470	08/18/2015	08/25/15 10:08	D7
4-Nitrophenol	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Acenaphthene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Acenaphthylene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Anthracene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Benzidine (M)	ND	50000	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Benzo(a)anthracene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Benzo(a)pyrene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Benzo(b)fluoranthene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Benzo(g,h,i)perylene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Benzo(k)fluoranthene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Benzoic acid	ND	50000	10	B5H0470	08/18/2015	08/25/15 10:08	D7



# Certificate of Analysis

Geocon West, Inc.  
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 Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-2-1**

**Lab ID: 1502812-04**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Benzyl alcohol	ND	20000	10	B5H0470	08/18/2015	08/25/15 10:08	D7
bis(2-chloroethoxy)methane	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
bis(2-Chloroethyl)ether	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
bis(2-chloroisopropyl)ether	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
bis(2-ethylhexyl)phthalate	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Butylbenzylphthalate	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Chrysene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Di-n-butylphthalate	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Di-n-octylphthalate	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Dibenz(a,h)anthracene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Dibenzofuran	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Diethyl phthalate	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Dimethyl phthalate	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Fluoranthene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Fluorene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Hexachlorobenzene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Hexachlorobutadiene	ND	20000	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Hexachlorocyclopentadiene	ND	20000	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Hexachloroethane	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Indeno(1,2,3-cd)pyrene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Isophorone	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
N-Nitroso-di-n propylamine	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
N-Nitrosodiphenylamine	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Naphthalene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Nitrobenzene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Pentachlorophenol	ND	50000	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Phenanthrene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Phenol	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Pyrene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:08	D7
Pyridine	ND	50000	10	B5H0470	08/18/2015	08/25/15 10:08	D7
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>80.1 %</i>	<i>24 - 114</i>		B5H0470	08/18/2015	<i>08/25/15 10:08</i>	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>331 %</i>	<i>0 - 189</i>		B5H0470	08/18/2015	<i>08/25/15 10:08</i>	S10
<i>Surrogate: 2-Chlorophenol-d4</i>	<i>84.3 %</i>	<i>23 - 123</i>		B5H0470	08/18/2015	<i>08/25/15 10:08</i>	
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>89.1 %</i>	<i>28 - 128</i>		B5H0470	08/18/2015	<i>08/25/15 10:08</i>	
<i>Surrogate: 2-Fluorophenol</i>	<i>86.4 %</i>	<i>8 - 138</i>		B5H0470	08/18/2015	<i>08/25/15 10:08</i>	
<i>Surrogate: 4-Terphenyl-d14</i>	<i>93.3 %</i>	<i>27 - 154</i>		B5H0470	08/18/2015	<i>08/25/15 10:08</i>	
<i>Surrogate: Nitrobenzene-d5</i>	<i>72.0 %</i>	<i>19 - 129</i>		B5H0470	08/18/2015	<i>08/25/15 10:08</i>	



# Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank , CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-2-1**

**Lab ID: 1502812-04**

## Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: Phenol-d5</i>	86.7 %	20 - 126		B5H0470	08/18/2015	08/25/15 10:08	





## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-2-2**

**Lab ID: 1502812-05**

**Title 22 Metals by ICP-AES EPA 6010B**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B5H0453	08/18/2015	08/19/15 10:54	
<b>Arsenic</b>	<b>55</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:54	
<b>Barium</b>	<b>50</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:54	
Beryllium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:54	
Cadmium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:54	
<b>Chromium</b>	<b>14</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:54	
<b>Cobalt</b>	<b>2.6</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:54	
<b>Copper</b>	<b>6.5</b>	2.0	1	B5H0453	08/18/2015	08/19/15 10:54	
<b>Lead</b>	<b>1.5</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:54	
Molybdenum	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:54	
<b>Nickel</b>	<b>5.0</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:54	
Selenium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:54	
Silver	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:54	
Thallium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:54	
<b>Vanadium</b>	<b>13</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:54	
<b>Zinc</b>	<b>18</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:54	

**Mercury by AA (Cold Vapor) EPA 7471A**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	1	B5H0455	08/18/2015	08/19/15 12:38	

**Gasoline Range Organics by EPA 8015B (Modified)**

**Analyst: BT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B5H0617	08/14/2015	08/24/15 03:52	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>70.9 %</i>	<i>37 - 153</i>		B5H0617	08/14/2015	<i>08/24/15 03:52</i>	

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	ND	10	1	B5H0543	08/20/2015	08/26/15 12:15	
ORO	ND	10	1	B5H0543	08/20/2015	08/26/15 12:15	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-2-2**

**Lab ID: 1502812-05**

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: p-Terphenyl</i>	109 %	49 - 142		B5H0543	08/20/2015	08/26/15 12:15	

**Volatile Organic Compounds by EPA 8260B**

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
1,1,1-Trichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
1,1,2-Trichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
1,1-Dichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
1,1-Dichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
1,1-Dichloropropene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
1,2,3-Trichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
1,2,3-Trichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
1,2,4-Trichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
1,2,4-Trimethylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
1,2-Dibromo-3-chloropropane	ND	10	1	B5H0428	08/17/2015	08/17/15 19:05	
1,2-Dibromoethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
1,2-Dichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
1,2-Dichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
1,2-Dichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
1,3,5-Trimethylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
1,3-Dichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
1,3-Dichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
1,4-Dichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
2,2-Dichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
2-Chlorotoluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
4-Chlorotoluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
4-Isopropyltoluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
Benzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
Bromobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
Bromodichloromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
Bromoform	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
Bromomethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
Carbon tetrachloride	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
Chlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-2-2**

**Lab ID: 1502812-05**

### Volatile Organic Compounds by EPA 8260B

Analyst: AG

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
Chloroform	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
Chloromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
cis-1,2-Dichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
cis-1,3-Dichloropropene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
Dibromochloromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
Dibromomethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
Dichlorodifluoromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
Ethylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
Hexachlorobutadiene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
Isopropylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
m,p-Xylene	ND	10	1	B5H0428	08/17/2015	08/17/15 19:05	
Methylene chloride	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
n-Butylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
n-Propylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
Naphthalene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
o-Xylene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
sec-Butylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
Styrene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
tert-Butylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
Tetrachloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
Toluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
trans-1,2-Dichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
Trichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
Trichlorofluoromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
Vinyl chloride	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:05	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>81.2 %</i>	<i>20 - 189</i>		B5H0428	08/17/2015	<i>08/17/15 19:05</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>109 %</i>	<i>20 - 173</i>		B5H0428	08/17/2015	<i>08/17/15 19:05</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>97.9 %</i>	<i>26 - 178</i>		B5H0428	08/17/2015	<i>08/17/15 19:05</i>	
<i>Surrogate: Toluene-d8</i>	<i>85.0 %</i>	<i>31 - 166</i>		B5H0428	08/17/2015	<i>08/17/15 19:05</i>	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-2-2**

**Lab ID: 1502812-05**

### Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
1,2-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
1,3-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
1,4-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
2,4,5-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
2,4,6-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
2,4-Dichlorophenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 20:55	
2,4-Dimethylphenol	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
2,4-Dinitrophenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 20:55	
2,4-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
2,6-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
2-Chloronaphthalene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
2-Chlorophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
2-Methylnaphthalene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
2-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
2-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/20/15 20:55	
2-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
3,3'-Dichlorobenzidine	ND	660	1	B5H0470	08/18/2015	08/20/15 20:55	
3-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/20/15 20:55	
4,6-Dinitro-2-methylphenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 20:55	
4-Bromophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
4-Chloro-3-methylphenol	ND	660	1	B5H0470	08/18/2015	08/20/15 20:55	
4-Chloroaniline	ND	660	1	B5H0470	08/18/2015	08/20/15 20:55	
4-Chlorophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
4-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
4-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/20/15 20:55	
4-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
Acenaphthene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
Acenaphthylene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
Anthracene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
Benzidine (M)	ND	1600	1	B5H0470	08/18/2015	08/20/15 20:55	
Benzo(a)anthracene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
Benzo(a)pyrene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
Benzo(b)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
Benzo(g,h,i)perylene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
Benzo(k)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
Benzoic acid	ND	1600	1	B5H0470	08/18/2015	08/20/15 20:55	



# Certificate of Analysis

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3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-2-2**

**Lab ID: 1502812-05**

## Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Benzyl alcohol	ND	660	1	B5H0470	08/18/2015	08/20/15 20:55	
bis(2-chloroethoxy)methane	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
bis(2-Chloroethyl)ether	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
bis(2-chloroisopropyl)ether	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
bis(2-ethylhexyl)phthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
Butylbenzylphthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
Chrysene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
Di-n-butylphthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
Di-n-octylphthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
Dibenz(a,h)anthracene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
Dibenzofuran	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
Diethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
Dimethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
Fluoranthene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
Fluorene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
Hexachlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
Hexachlorobutadiene	ND	660	1	B5H0470	08/18/2015	08/20/15 20:55	
Hexachlorocyclopentadiene	ND	660	1	B5H0470	08/18/2015	08/20/15 20:55	
Hexachloroethane	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
Indeno(1,2,3-cd)pyrene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
Isophorone	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
N-Nitroso-di-n propylamine	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
N-Nitrosodiphenylamine	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
Naphthalene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
Nitrobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
Pentachlorophenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 20:55	
Phenanthrene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
Phenol	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
Pyrene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:55	
Pyridine	ND	1600	1	B5H0470	08/18/2015	08/20/15 20:55	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>79.3 %</i>	<i>24 - 114</i>		B5H0470	08/18/2015	<i>08/20/15 20:55</i>	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>90.2 %</i>	<i>0 - 189</i>		B5H0470	08/18/2015	<i>08/20/15 20:55</i>	
<i>Surrogate: 2-Chlorophenol-d4</i>	<i>81.2 %</i>	<i>23 - 123</i>		B5H0470	08/18/2015	<i>08/20/15 20:55</i>	
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>91.1 %</i>	<i>28 - 128</i>		B5H0470	08/18/2015	<i>08/20/15 20:55</i>	
<i>Surrogate: 2-Fluorophenol</i>	<i>81.6 %</i>	<i>8 - 138</i>		B5H0470	08/18/2015	<i>08/20/15 20:55</i>	
<i>Surrogate: 4-Terphenyl-d14</i>	<i>94.1 %</i>	<i>27 - 154</i>		B5H0470	08/18/2015	<i>08/20/15 20:55</i>	
<i>Surrogate: Nitrobenzene-d5</i>	<i>89.4 %</i>	<i>19 - 129</i>		B5H0470	08/18/2015	<i>08/20/15 20:55</i>	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-2-2**

**Lab ID: 1502812-05**

### Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: Phenol-d5</i>	84.7 %	20 - 126		B5H0470	08/18/2015	08/20/15 20:55	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-2-5**

**Lab ID: 1502812-06**

**Title 22 Metals by ICP-AES EPA 6010B**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B5H0453	08/18/2015	08/19/15 10:56	
<b>Arsenic</b>	<b>9.1</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:56	
<b>Barium</b>	<b>41</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:56	
Beryllium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:56	
Cadmium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:56	
<b>Chromium</b>	<b>14</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:56	
<b>Cobalt</b>	<b>3.0</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:56	
<b>Copper</b>	<b>5.3</b>	2.0	1	B5H0453	08/18/2015	08/19/15 10:56	
<b>Lead</b>	<b>1.6</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:56	
Molybdenum	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:56	
<b>Nickel</b>	<b>6.5</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:56	
Selenium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:56	
Silver	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:56	
Thallium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:56	
<b>Vanadium</b>	<b>16</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:56	
<b>Zinc</b>	<b>18</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:56	

**Mercury by AA (Cold Vapor) EPA 7471A**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	1	B5H0455	08/18/2015	08/19/15 12:40	

**Gasoline Range Organics by EPA 8015B (Modified)**

**Analyst: BT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B5H0628	08/14/2015	08/24/15 16:45	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>76.4 %</i>	<i>37 - 153</i>		B5H0628	08/14/2015	<i>08/24/15 16:45</i>	

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	ND	10	1	B5H0543	08/20/2015	08/26/15 11:04	
<b>ORO</b>	<b>11</b>	10	1	B5H0543	08/20/2015	08/26/15 11:04	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

## Client Sample ID B-2-5

Lab ID: 1502812-06

### Diesel Range Organics by EPA 8015B

Analyst: CR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: p-Terphenyl	110 %	49 - 142		B5H0543	08/20/2015	08/26/15 11:04	

### Volatile Organic Compounds by EPA 8260B

Analyst: AG

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
1,1,1-Trichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
1,1,2-Trichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
1,1-Dichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
1,1-Dichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
1,1-Dichloropropene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
1,2,3-Trichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
1,2,3-Trichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
1,2,4-Trichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
1,2,4-Trimethylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
1,2-Dibromo-3-chloropropane	ND	10	1	B5H0428	08/17/2015	08/17/15 19:24	
1,2-Dibromoethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
1,2-Dichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
1,2-Dichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
1,2-Dichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
1,3,5-Trimethylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
1,3-Dichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
1,3-Dichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
1,4-Dichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
2,2-Dichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
2-Chlorotoluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
4-Chlorotoluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
4-Isopropyltoluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
Benzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
Bromobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
Bromodichloromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
Bromoform	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
Bromomethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
Carbon tetrachloride	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
Chlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	





# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-2-5**

**Lab ID: 1502812-06**

## Volatile Organic Compounds by EPA 8260B

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
Chloroform	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
Chloromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
cis-1,2-Dichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
cis-1,3-Dichloropropene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
Dibromochloromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
Dibromomethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
Dichlorodifluoromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
Ethylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
Hexachlorobutadiene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
Isopropylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
m,p-Xylene	ND	10	1	B5H0428	08/17/2015	08/17/15 19:24	
Methylene chloride	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
n-Butylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
n-Propylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
Naphthalene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
o-Xylene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
sec-Butylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
Styrene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
tert-Butylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
Tetrachloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
Toluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
trans-1,2-Dichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
Trichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
Trichlorofluoromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
Vinyl chloride	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>82.9 %</i>	<i>20 - 189</i>		B5H0428	08/17/2015	<i>08/17/15 19:24</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>109 %</i>	<i>20 - 173</i>		B5H0428	08/17/2015	<i>08/17/15 19:24</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>103 %</i>	<i>26 - 178</i>		B5H0428	08/17/2015	<i>08/17/15 19:24</i>	
<i>Surrogate: Toluene-d8</i>	<i>87.4 %</i>	<i>31 - 166</i>		B5H0428	08/17/2015	<i>08/17/15 19:24</i>	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-2-5**

**Lab ID: 1502812-06**

### Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
1,2-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
1,3-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
1,4-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
2,4,5-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
2,4,6-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
2,4-Dichlorophenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 21:23	
2,4-Dimethylphenol	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
2,4-Dinitrophenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 21:23	
2,4-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
2,6-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
2-Chloronaphthalene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
2-Chlorophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
2-Methylnaphthalene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
2-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
2-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/20/15 21:23	
2-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
3,3'-Dichlorobenzidine	ND	660	1	B5H0470	08/18/2015	08/20/15 21:23	
3-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/20/15 21:23	
4,6-Dinitro-2-methylphenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 21:23	
4-Bromophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
4-Chloro-3-methylphenol	ND	660	1	B5H0470	08/18/2015	08/20/15 21:23	
4-Chloroaniline	ND	660	1	B5H0470	08/18/2015	08/20/15 21:23	
4-Chlorophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
4-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
4-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/20/15 21:23	
4-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
Acenaphthene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
Acenaphthylene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
Anthracene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
Benzidine (M)	ND	1600	1	B5H0470	08/18/2015	08/20/15 21:23	
Benzo(a)anthracene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
Benzo(a)pyrene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
Benzo(b)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
Benzo(g,h,i)perylene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
Benzo(k)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
Benzoic acid	ND	1600	1	B5H0470	08/18/2015	08/20/15 21:23	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-2-5**

**Lab ID: 1502812-06**

## Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Benzyl alcohol	ND	660	1	B5H0470	08/18/2015	08/20/15 21:23	
bis(2-chloroethoxy)methane	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
bis(2-Chloroethyl)ether	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
bis(2-chloroisopropyl)ether	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
bis(2-ethylhexyl)phthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
Butylbenzylphthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
Chrysene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
Di-n-butylphthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
Di-n-octylphthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
Dibenz(a,h)anthracene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
Dibenzofuran	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
Diethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
Dimethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
Fluoranthene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
Fluorene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
Hexachlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
Hexachlorobutadiene	ND	660	1	B5H0470	08/18/2015	08/20/15 21:23	
Hexachlorocyclopentadiene	ND	660	1	B5H0470	08/18/2015	08/20/15 21:23	
Hexachloroethane	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
Indeno(1,2,3-cd)pyrene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
Isophorone	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
N-Nitroso-di-n propylamine	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
N-Nitrosodiphenylamine	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
Naphthalene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
Nitrobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
Pentachlorophenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 21:23	
Phenanthrene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
Phenol	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
Pyrene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:23	
Pyridine	ND	1600	1	B5H0470	08/18/2015	08/20/15 21:23	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>74.8 %</i>	<i>24 - 114</i>		B5H0470	08/18/2015	<i>08/20/15 21:23</i>	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>88.6 %</i>	<i>0 - 189</i>		B5H0470	08/18/2015	<i>08/20/15 21:23</i>	
<i>Surrogate: 2-Chlorophenol-d4</i>	<i>78.6 %</i>	<i>23 - 123</i>		B5H0470	08/18/2015	<i>08/20/15 21:23</i>	
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>77.3 %</i>	<i>28 - 128</i>		B5H0470	08/18/2015	<i>08/20/15 21:23</i>	
<i>Surrogate: 2-Fluorophenol</i>	<i>77.6 %</i>	<i>8 - 138</i>		B5H0470	08/18/2015	<i>08/20/15 21:23</i>	
<i>Surrogate: 4-Terphenyl-d14</i>	<i>88.9 %</i>	<i>27 - 154</i>		B5H0470	08/18/2015	<i>08/20/15 21:23</i>	
<i>Surrogate: Nitrobenzene-d5</i>	<i>87.1 %</i>	<i>19 - 129</i>		B5H0470	08/18/2015	<i>08/20/15 21:23</i>	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank , CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-2-5**

**Lab ID: 1502812-06**

### Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: Phenol-d5</i>	82.5 %	20 - 126		B5H0470	08/18/2015	08/20/15 21:23	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-3-1**

**Lab ID: 1502812-07**

**Title 22 Metals by ICP-AES EPA 6010B**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B5H0453	08/18/2015	08/19/15 10:58	
<b>Arsenic</b>	<b>3.1</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:58	
<b>Barium</b>	<b>68</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:58	
Beryllium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:58	
Cadmium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:58	
<b>Chromium</b>	<b>14</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:58	
<b>Cobalt</b>	<b>5.1</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:58	
<b>Copper</b>	<b>8.7</b>	2.0	1	B5H0453	08/18/2015	08/19/15 10:58	
<b>Lead</b>	<b>2.8</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:58	
Molybdenum	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:58	
<b>Nickel</b>	<b>8.5</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:58	
Selenium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:58	
Silver	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:58	
Thallium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 10:58	
<b>Vanadium</b>	<b>24</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:58	
<b>Zinc</b>	<b>27</b>	1.0	1	B5H0453	08/18/2015	08/19/15 10:58	

**Mercury by AA (Cold Vapor) EPA 7471A**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	1	B5H0455	08/18/2015	08/19/15 12:46	

**Gasoline Range Organics by EPA 8015B (Modified)**

**Analyst: BT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B5H0628	08/14/2015	08/24/15 17:01	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>72.3 %</i>	<i>37 - 153</i>		B5H0628	08/14/2015	<i>08/24/15 17:01</i>	

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<b>DRO</b>	<b>310</b>	10	1	B5H0543	08/20/2015	08/26/15 14:11	
<b>ORO</b>	<b>940</b>	10	1	B5H0543	08/20/2015	08/26/15 14:11	



## Certificate of Analysis

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Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-3-1**

**Lab ID: 1502812-07**

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: p-Terphenyl</i>	87.3 %	49 - 142		B5H0543	08/20/2015	08/26/15 14:11	

**Organochlorine Pesticides by EPA 8081**

**Analyst: CL**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B5H0559	08/20/2015	08/21/15 10:46	
4,4'-DDE	ND	2.0	1	B5H0559	08/20/2015	08/21/15 10:46	
4,4'-DDT	ND	2.0	1	B5H0559	08/20/2015	08/21/15 10:46	
Aldrin	ND	1.0	1	B5H0559	08/20/2015	08/21/15 10:46	
alpha-BHC	ND	1.0	1	B5H0559	08/20/2015	08/21/15 10:46	
alpha-Chlordane	ND	1.0	1	B5H0559	08/20/2015	08/21/15 10:46	
beta-BHC	ND	1.0	1	B5H0559	08/20/2015	08/21/15 10:46	
Chlordane	ND	8.5	1	B5H0559	08/20/2015	08/21/15 10:46	
delta-BHC	ND	1.0	1	B5H0559	08/20/2015	08/21/15 10:46	
Dieldrin	ND	2.0	1	B5H0559	08/20/2015	08/21/15 10:46	
Endosulfan I	ND	1.0	1	B5H0559	08/20/2015	08/21/15 10:46	
Endosulfan II	ND	2.0	1	B5H0559	08/20/2015	08/21/15 10:46	
Endosulfan sulfate	ND	2.0	1	B5H0559	08/20/2015	08/21/15 10:46	
Endrin	ND	2.0	1	B5H0559	08/20/2015	08/21/15 10:46	
Endrin aldehyde	ND	2.0	1	B5H0559	08/20/2015	08/21/15 10:46	
Endrin ketone	ND	2.0	1	B5H0559	08/20/2015	08/21/15 10:46	
gamma-BHC	ND	1.0	1	B5H0559	08/20/2015	08/21/15 10:46	
gamma-Chlordane	ND	1.0	1	B5H0559	08/20/2015	08/21/15 10:46	
Heptachlor	ND	1.0	1	B5H0559	08/20/2015	08/21/15 10:46	
Heptachlor epoxide	ND	1.0	1	B5H0559	08/20/2015	08/21/15 10:46	
Methoxychlor	ND	5.0	1	B5H0559	08/20/2015	08/21/15 10:46	
Toxaphene	ND	50	1	B5H0559	08/20/2015	08/21/15 10:46	
<i>Surrogate: Decachlorobiphenyl</i>	40.3 %	16 - 137		B5H0559	08/20/2015	08/21/15 10:46	
<i>Surrogate: Tetrachloro-m-xylene</i>	36.3 %	16 - 105		B5H0559	08/20/2015	08/21/15 10:46	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-3-1**

**Lab ID: 1502812-07**

## Volatile Organic Compounds by EPA 8260B

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
1,1,1-Trichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
1,1,2-Trichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
1,1-Dichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
1,1-Dichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
1,1-Dichloropropene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
1,2,3-Trichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
1,2,3-Trichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
1,2,4-Trichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
1,2,4-Trimethylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
1,2-Dibromo-3-chloropropane	ND	10	1	B5H0428	08/17/2015	08/17/15 19:42	
1,2-Dibromoethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
1,2-Dichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
1,2-Dichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
1,2-Dichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
1,3,5-Trimethylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
1,3-Dichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
1,3-Dichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
1,4-Dichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
2,2-Dichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
2-Chlorotoluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
4-Chlorotoluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
4-Isopropyltoluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
Benzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
Bromobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
Bromodichloromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
Bromoform	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
Bromomethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
Carbon tetrachloride	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
Chlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
Chloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
Chloroform	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
Chloromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
cis-1,2-Dichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
cis-1,3-Dichloropropene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
Dibromochloromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-3-1**

**Lab ID: 1502812-07**

## Volatile Organic Compounds by EPA 8260B

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Dibromomethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
Dichlorodifluoromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
Ethylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
Hexachlorobutadiene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
Isopropylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
m,p-Xylene	ND	10	1	B5H0428	08/17/2015	08/17/15 19:42	
Methylene chloride	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
n-Butylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
n-Propylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
Naphthalene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
o-Xylene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
sec-Butylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
Styrene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
tert-Butylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
Tetrachloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
Toluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
trans-1,2-Dichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
Trichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
Trichlorofluoromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
Vinyl chloride	ND	5.0	1	B5H0428	08/17/2015	08/17/15 19:42	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>89.9 %</i>	<i>20 - 189</i>		B5H0428	08/17/2015	<i>08/17/15 19:42</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>110 %</i>	<i>20 - 173</i>		B5H0428	08/17/2015	<i>08/17/15 19:42</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>104 %</i>	<i>26 - 178</i>		B5H0428	08/17/2015	<i>08/17/15 19:42</i>	
<i>Surrogate: Toluene-d8</i>	<i>86.3 %</i>	<i>31 - 166</i>		B5H0428	08/17/2015	<i>08/17/15 19:42</i>	





# Certificate of Analysis

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 Burbank , CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-3-1**

**Lab ID: 1502812-07**

## Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
1,2-Dichlorobenzene	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
1,3-Dichlorobenzene	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
1,4-Dichlorobenzene	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
2,4,5-Trichlorophenol	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
2,4,6-Trichlorophenol	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
2,4-Dichlorophenol	ND	4100	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
2,4-Dimethylphenol	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
2,4-Dinitrophenol	ND	4100	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
2,4-Dinitrotoluene	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
2,6-Dinitrotoluene	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
2-Chloronaphthalene	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
2-Chlorophenol	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
2-Methylnaphthalene	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
2-Methylphenol	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
2-Nitroaniline	ND	4100	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
2-Nitrophenol	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
3,3'-Dichlorobenzidine	ND	1600	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
3-Nitroaniline	ND	4100	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
4,6-Dinitro-2-methylphenol	ND	4100	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
4-Bromophenyl-phenylether	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
4-Chloro-3-methylphenol	ND	1600	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
4-Chloroaniline	ND	1600	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
4-Chlorophenyl-phenylether	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
4-Methylphenol	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
4-Nitroaniline	ND	4100	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
4-Nitrophenol	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Acenaphthene	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Acenaphthylene	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Anthracene	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Benzidine (M)	ND	4100	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Benzo(a)anthracene	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Benzo(a)pyrene	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Benzo(b)fluoranthene	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Benzo(g,h,i)perylene	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Benzo(k)fluoranthene	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Benzoic acid	ND	4100	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1



# Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-3-1**

**Lab ID: 1502812-07**

## Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Benzyl alcohol	ND	1600	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
bis(2-chloroethoxy)methane	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
bis(2-Chloroethyl)ether	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
bis(2-chloroisopropyl)ether	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
bis(2-ethylhexyl)phthalate	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Butylbenzylphthalate	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Chrysene	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Di-n-butylphthalate	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Di-n-octylphthalate	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Dibenz(a,h)anthracene	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Dibenzofuran	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Diethyl phthalate	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Dimethyl phthalate	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Fluoranthene	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Fluorene	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Hexachlorobenzene	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Hexachlorobutadiene	ND	1600	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Hexachlorocyclopentadiene	ND	1600	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Hexachloroethane	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Indeno(1,2,3-cd)pyrene	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Isophorone	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
N-Nitroso-di-n propylamine	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
N-Nitrosodiphenylamine	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Naphthalene	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Nitrobenzene	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Pentachlorophenol	ND	4100	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Phenanthrene	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Phenol	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Pyrene	ND	820	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
Pyridine	ND	4100	2.5	B5H0470	08/18/2015	08/21/15 02:01	D1
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>74.0 %</i>	<i>24 - 114</i>		B5H0470	08/18/2015	<i>08/21/15 02:01</i>	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>81.0 %</i>	<i>0 - 189</i>		B5H0470	08/18/2015	<i>08/21/15 02:01</i>	
<i>Surrogate: 2-Chlorophenol-d4</i>	<i>78.5 %</i>	<i>23 - 123</i>		B5H0470	08/18/2015	<i>08/21/15 02:01</i>	
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>92.3 %</i>	<i>28 - 128</i>		B5H0470	08/18/2015	<i>08/21/15 02:01</i>	
<i>Surrogate: 2-Fluorophenol</i>	<i>76.4 %</i>	<i>8 - 138</i>		B5H0470	08/18/2015	<i>08/21/15 02:01</i>	
<i>Surrogate: 4-Terphenyl-d14</i>	<i>90.1 %</i>	<i>27 - 154</i>		B5H0470	08/18/2015	<i>08/21/15 02:01</i>	
<i>Surrogate: Nitrobenzene-d5</i>	<i>87.2 %</i>	<i>19 - 129</i>		B5H0470	08/18/2015	<i>08/21/15 02:01</i>	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-3-1**

**Lab ID: 1502812-07**

### Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: Phenol-d5</i>	82.2 %	20 - 126		B5H0470	08/18/2015	08/21/15 02:01	



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-3-2**  
**Lab ID: 1502812-08**

**Title 22 Metals by ICP-AES EPA 6010B**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B5H0453	08/18/2015	08/19/15 11:03	
<b>Arsenic</b>	<b>2.4</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:03	
<b>Barium</b>	<b>72</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:03	
Beryllium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 11:03	
Cadmium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 11:03	
<b>Chromium</b>	<b>14</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:03	
<b>Cobalt</b>	<b>5.2</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:03	
<b>Copper</b>	<b>8.1</b>	2.0	1	B5H0453	08/18/2015	08/19/15 11:03	
<b>Lead</b>	<b>2.6</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:03	
Molybdenum	ND	1.0	1	B5H0453	08/18/2015	08/19/15 11:03	
<b>Nickel</b>	<b>7.0</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:03	
Selenium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 11:03	
Silver	ND	1.0	1	B5H0453	08/18/2015	08/19/15 11:03	
Thallium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 11:03	
<b>Vanadium</b>	<b>24</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:03	
<b>Zinc</b>	<b>24</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:03	

**Mercury by AA (Cold Vapor) EPA 7471A**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	1	B5H0455	08/18/2015	08/19/15 12:48	

**Gasoline Range Organics by EPA 8015B (Modified)**

**Analyst: BT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B5H0628	08/14/2015	08/24/15 17:17	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>71.9 %</i>	<i>37 - 153</i>		B5H0628	08/14/2015	<i>08/24/15 17:17</i>	

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<b>DRO</b>	<b>33</b>	10	1	B5H0543	08/20/2015	08/26/15 13:46	
<b>ORO</b>	<b>76</b>	10	1	B5H0543	08/20/2015	08/26/15 13:46	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-3-2**

**Lab ID: 1502812-08**

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: p-Terphenyl</i>	<i>133 %</i>	<i>49 - 142</i>		B5H0543	08/20/2015	<i>08/26/15 13:46</i>	

**Volatile Organic Compounds by EPA 8260B**

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
1,1,1-Trichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
1,1,2-Trichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
1,1-Dichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
1,1-Dichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
1,1-Dichloropropene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
1,2,3-Trichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
1,2,3-Trichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
1,2,4-Trichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
1,2,4-Trimethylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
1,2-Dibromo-3-chloropropane	ND	10	1	B5H0428	08/17/2015	08/17/15 20:01	
1,2-Dibromoethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
1,2-Dichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
1,2-Dichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
1,2-Dichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
1,3,5-Trimethylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
1,3-Dichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
1,3-Dichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
1,4-Dichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
2,2-Dichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
2-Chlorotoluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
4-Chlorotoluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
4-Isopropyltoluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
Benzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
Bromobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
Bromodichloromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
Bromoform	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
Bromomethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
Carbon tetrachloride	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
Chlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-3-2**

**Lab ID: 1502812-08**

**Volatile Organic Compounds by EPA 8260B**

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
Chloroform	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
Chloromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
cis-1,2-Dichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
cis-1,3-Dichloropropene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
Dibromochloromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
Dibromomethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
Dichlorodifluoromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
Ethylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
Hexachlorobutadiene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
Isopropylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
m,p-Xylene	ND	10	1	B5H0428	08/17/2015	08/17/15 20:01	
Methylene chloride	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
n-Butylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
n-Propylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
Naphthalene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
o-Xylene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
sec-Butylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
Styrene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
tert-Butylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
Tetrachloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
Toluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
trans-1,2-Dichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
Trichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
Trichlorofluoromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
Vinyl chloride	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:01	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>88.2 %</i>	<i>20 - 189</i>		B5H0428	08/17/2015	<i>08/17/15 20:01</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>110 %</i>	<i>20 - 173</i>		B5H0428	08/17/2015	<i>08/17/15 20:01</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>104 %</i>	<i>26 - 178</i>		B5H0428	08/17/2015	<i>08/17/15 20:01</i>	
<i>Surrogate: Toluene-d8</i>	<i>90.2 %</i>	<i>31 - 166</i>		B5H0428	08/17/2015	<i>08/17/15 20:01</i>	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-3-2**

**Lab ID: 1502812-08**

### Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
1,2-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
1,3-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
1,4-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
2,4,5-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
2,4,6-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
2,4-Dichlorophenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 21:51	
2,4-Dimethylphenol	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
2,4-Dinitrophenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 21:51	
2,4-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
2,6-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
2-Chloronaphthalene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
2-Chlorophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
2-Methylnaphthalene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
2-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
2-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/20/15 21:51	
2-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
3,3'-Dichlorobenzidine	ND	660	1	B5H0470	08/18/2015	08/20/15 21:51	
3-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/20/15 21:51	
4,6-Dinitro-2-methylphenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 21:51	
4-Bromophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
4-Chloro-3-methylphenol	ND	660	1	B5H0470	08/18/2015	08/20/15 21:51	
4-Chloroaniline	ND	660	1	B5H0470	08/18/2015	08/20/15 21:51	
4-Chlorophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
4-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
4-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/20/15 21:51	
4-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
Acenaphthene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
Acenaphthylene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
Anthracene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
Benzidine (M)	ND	1600	1	B5H0470	08/18/2015	08/20/15 21:51	
Benzo(a)anthracene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
Benzo(a)pyrene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
Benzo(b)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
Benzo(g,h,i)perylene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
Benzo(k)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
Benzoic acid	ND	1600	1	B5H0470	08/18/2015	08/20/15 21:51	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-3-2**

**Lab ID: 1502812-08**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Benzyl alcohol	ND	660	1	B5H0470	08/18/2015	08/20/15 21:51	
bis(2-chloroethoxy)methane	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
bis(2-Chloroethyl)ether	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
bis(2-chloroisopropyl)ether	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
bis(2-ethylhexyl)phthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
Butylbenzylphthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
Chrysene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
Di-n-butylphthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
Di-n-octylphthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
Dibenz(a,h)anthracene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
Dibenzofuran	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
Diethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
Dimethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
Fluoranthene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
Fluorene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
Hexachlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
Hexachlorobutadiene	ND	660	1	B5H0470	08/18/2015	08/20/15 21:51	
Hexachlorocyclopentadiene	ND	660	1	B5H0470	08/18/2015	08/20/15 21:51	
Hexachloroethane	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
Indeno(1,2,3-cd)pyrene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
Isophorone	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
N-Nitroso-di-n propylamine	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
N-Nitrosodiphenylamine	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
Naphthalene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
Nitrobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
Pentachlorophenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 21:51	
Phenanthrene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
Phenol	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
Pyrene	ND	330	1	B5H0470	08/18/2015	08/20/15 21:51	
Pyridine	ND	1600	1	B5H0470	08/18/2015	08/20/15 21:51	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>74.2 %</i>	<i>24 - 114</i>		B5H0470	08/18/2015	<i>08/20/15 21:51</i>	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>85.7 %</i>	<i>0 - 189</i>		B5H0470	08/18/2015	<i>08/20/15 21:51</i>	
<i>Surrogate: 2-Chlorophenol-d4</i>	<i>76.3 %</i>	<i>23 - 123</i>		B5H0470	08/18/2015	<i>08/20/15 21:51</i>	
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>83.9 %</i>	<i>28 - 128</i>		B5H0470	08/18/2015	<i>08/20/15 21:51</i>	
<i>Surrogate: 2-Fluorophenol</i>	<i>76.1 %</i>	<i>8 - 138</i>		B5H0470	08/18/2015	<i>08/20/15 21:51</i>	
<i>Surrogate: 4-Terphenyl-d14</i>	<i>89.2 %</i>	<i>27 - 154</i>		B5H0470	08/18/2015	<i>08/20/15 21:51</i>	
<i>Surrogate: Nitrobenzene-d5</i>	<i>84.8 %</i>	<i>19 - 129</i>		B5H0470	08/18/2015	<i>08/20/15 21:51</i>	





# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
Report To : Scott Nunez  
Reported : 08/27/2015

**Client Sample ID B-3-2**

**Lab ID: 1502812-08**

## Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: Phenol-d5</i>	78.2 %	20 - 126		B5H0470	08/18/2015	08/20/15 21:51	



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
Report To : Scott Nunez  
Reported : 08/27/2015

**Client Sample ID B-3-5**

**Lab ID: 1502812-09**

**Title 22 Metals by ICP-AES EPA 6010B**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B5H0453	08/18/2015	08/19/15 11:05	
<b>Arsenic</b>	<b>3.3</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:05	
<b>Barium</b>	<b>80</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:05	
Beryllium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 11:05	
Cadmium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 11:05	
<b>Chromium</b>	<b>22</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:05	
<b>Cobalt</b>	<b>4.4</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:05	
<b>Copper</b>	<b>9.2</b>	2.0	1	B5H0453	08/18/2015	08/19/15 11:05	
<b>Lead</b>	<b>3.4</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:05	
Molybdenum	ND	1.0	1	B5H0453	08/18/2015	08/19/15 11:05	
<b>Nickel</b>	<b>10</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:05	
Selenium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 11:05	
Silver	ND	1.0	1	B5H0453	08/18/2015	08/19/15 11:05	
Thallium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 11:05	
<b>Vanadium</b>	<b>33</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:05	
<b>Zinc</b>	<b>30</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:05	

**Mercury by AA (Cold Vapor) EPA 7471A**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	1	B5H0455	08/18/2015	08/19/15 12:50	

**Gasoline Range Organics by EPA 8015B (Modified)**

**Analyst: BT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B5H0628	08/14/2015	08/24/15 17:33	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>82.2 %</i>	<i>37 - 153</i>		B5H0628	08/14/2015	<i>08/24/15 17:33</i>	

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	ND	10	1	B5H0543	08/20/2015	08/26/15 11:22	
ORO	ND	10	1	B5H0543	08/20/2015	08/26/15 11:22	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-3-5**

**Lab ID: 1502812-09**

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: p-Terphenyl	129 %	49 - 142		B5H0543	08/20/2015	08/26/15 11:22	

**Volatile Organic Compounds by EPA 8260B**

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
1,1,1-Trichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
1,1,2-Trichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
1,1-Dichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
1,1-Dichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
1,1-Dichloropropene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
1,2,3-Trichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
1,2,3-Trichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
1,2,4-Trichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
1,2,4-Trimethylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
1,2-Dibromo-3-chloropropane	ND	10	1	B5H0428	08/17/2015	08/17/15 20:20	
1,2-Dibromoethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
1,2-Dichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
1,2-Dichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
1,2-Dichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
1,3,5-Trimethylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
1,3-Dichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
1,3-Dichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
1,4-Dichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
2,2-Dichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
2-Chlorotoluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
4-Chlorotoluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
4-Isopropyltoluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
Benzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
Bromobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
Bromodichloromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
Bromoform	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
Bromomethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
Carbon tetrachloride	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
Chlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-3-5**

**Lab ID: 1502812-09**

## Volatile Organic Compounds by EPA 8260B

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
Chloroform	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
Chloromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
cis-1,2-Dichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
cis-1,3-Dichloropropene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
Dibromochloromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
Dibromomethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
Dichlorodifluoromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
Ethylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
Hexachlorobutadiene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
Isopropylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
m,p-Xylene	ND	10	1	B5H0428	08/17/2015	08/17/15 20:20	
Methylene chloride	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
n-Butylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
n-Propylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
Naphthalene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
o-Xylene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
sec-Butylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
Styrene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
tert-Butylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
Tetrachloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
Toluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
trans-1,2-Dichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
Trichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
Trichlorofluoromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
Vinyl chloride	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:20	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>88.8 %</i>	<i>20 - 189</i>		B5H0428	08/17/2015	<i>08/17/15 20:20</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>112 %</i>	<i>20 - 173</i>		B5H0428	08/17/2015	<i>08/17/15 20:20</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>101 %</i>	<i>26 - 178</i>		B5H0428	08/17/2015	<i>08/17/15 20:20</i>	
<i>Surrogate: Toluene-d8</i>	<i>87.1 %</i>	<i>31 - 166</i>		B5H0428	08/17/2015	<i>08/17/15 20:20</i>	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-3-5**

**Lab ID: 1502812-09**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
1,2-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
1,3-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
1,4-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
2,4,5-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
2,4,6-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
2,4-Dichlorophenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 22:19	
2,4-Dimethylphenol	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
2,4-Dinitrophenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 22:19	
2,4-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
2,6-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
2-Chloronaphthalene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
2-Chlorophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
2-Methylnaphthalene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
2-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
2-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/20/15 22:19	
2-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
3,3'-Dichlorobenzidine	ND	660	1	B5H0470	08/18/2015	08/20/15 22:19	
3-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/20/15 22:19	
4,6-Dinitro-2-methylphenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 22:19	
4-Bromophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
4-Chloro-3-methylphenol	ND	660	1	B5H0470	08/18/2015	08/20/15 22:19	
4-Chloroaniline	ND	660	1	B5H0470	08/18/2015	08/20/15 22:19	
4-Chlorophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
4-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
4-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/20/15 22:19	
4-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
Acenaphthene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
Acenaphthylene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
Anthracene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
Benzidine (M)	ND	1600	1	B5H0470	08/18/2015	08/20/15 22:19	
Benzo(a)anthracene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
Benzo(a)pyrene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
Benzo(b)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
Benzo(g,h,i)perylene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
Benzo(k)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
Benzoic acid	ND	1600	1	B5H0470	08/18/2015	08/20/15 22:19	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-3-5**

**Lab ID: 1502812-09**

## Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Benzyl alcohol	ND	660	1	B5H0470	08/18/2015	08/20/15 22:19	
bis(2-chloroethoxy)methane	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
bis(2-Chloroethyl)ether	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
bis(2-chloroisopropyl)ether	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
bis(2-ethylhexyl)phthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
Butylbenzylphthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
Chrysene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
Di-n-butylphthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
Di-n-octylphthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
Dibenz(a,h)anthracene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
Dibenzofuran	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
Diethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
Dimethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
Fluoranthene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
Fluorene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
Hexachlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
Hexachlorobutadiene	ND	660	1	B5H0470	08/18/2015	08/20/15 22:19	
Hexachlorocyclopentadiene	ND	660	1	B5H0470	08/18/2015	08/20/15 22:19	
Hexachloroethane	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
Indeno(1,2,3-cd)pyrene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
Isophorone	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
N-Nitroso-di-n propylamine	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
N-Nitrosodiphenylamine	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
Naphthalene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
Nitrobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
Pentachlorophenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 22:19	
Phenanthrene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
Phenol	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
Pyrene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:19	
Pyridine	ND	1600	1	B5H0470	08/18/2015	08/20/15 22:19	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>70.8 %</i>	<i>24 - 114</i>		B5H0470	08/18/2015	<i>08/20/15 22:19</i>	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>83.6 %</i>	<i>0 - 189</i>		B5H0470	08/18/2015	<i>08/20/15 22:19</i>	
<i>Surrogate: 2-Chlorophenol-d4</i>	<i>73.9 %</i>	<i>23 - 123</i>		B5H0470	08/18/2015	<i>08/20/15 22:19</i>	
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>81.4 %</i>	<i>28 - 128</i>		B5H0470	08/18/2015	<i>08/20/15 22:19</i>	
<i>Surrogate: 2-Fluorophenol</i>	<i>72.5 %</i>	<i>8 - 138</i>		B5H0470	08/18/2015	<i>08/20/15 22:19</i>	
<i>Surrogate: 4-Terphenyl-d14</i>	<i>86.1 %</i>	<i>27 - 154</i>		B5H0470	08/18/2015	<i>08/20/15 22:19</i>	
<i>Surrogate: Nitrobenzene-d5</i>	<i>79.8 %</i>	<i>19 - 129</i>		B5H0470	08/18/2015	<i>08/20/15 22:19</i>	



### Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
Report To : Scott Nunez  
Reported : 08/27/2015

**Client Sample ID B-3-5**  
**Lab ID: 1502812-09**

#### Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: Phenol-d5</i>	77.4 %	20 - 126		B5H0470	08/18/2015	08/20/15 22:19	



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 Reported : 08/27/2015

**Client Sample ID B-4-1**  
**Lab ID: 1502812-10**

**Title 22 Metals by ICP-AES EPA 6010B**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B5H0453	08/18/2015	08/19/15 11:07	
<b>Arsenic</b>	<b>13</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:07	
<b>Barium</b>	<b>56</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:07	
Beryllium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 11:07	
Cadmium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 11:07	
<b>Chromium</b>	<b>13</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:07	
<b>Cobalt</b>	<b>3.8</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:07	
<b>Copper</b>	<b>7.2</b>	2.0	1	B5H0453	08/18/2015	08/19/15 11:07	
<b>Lead</b>	<b>5.9</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:07	
Molybdenum	ND	1.0	1	B5H0453	08/18/2015	08/19/15 11:07	
<b>Nickel</b>	<b>14</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:07	
Selenium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 11:07	
Silver	ND	1.0	1	B5H0453	08/18/2015	08/19/15 11:07	
Thallium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 11:07	
<b>Vanadium</b>	<b>27</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:07	
<b>Zinc</b>	<b>25</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:07	

**Mercury by AA (Cold Vapor) EPA 7471A**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	1	B5H0455	08/18/2015	08/19/15 12:52	

**Gasoline Range Organics by EPA 8015B (Modified)**

**Analyst: BT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B5H0652	08/14/2015	08/24/15 19:41	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>70.5 %</i>	<i>37 - 153</i>		B5H0652	08/14/2015	<i>08/24/15 19:41</i>	

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<b>DRO</b>	<b>2300</b>	50	5	B5H0543	08/20/2015	08/26/15 14:33	
<b>ORO</b>	<b>11000</b>	50	5	B5H0543	08/20/2015	08/26/15 14:33	





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**Lab ID: 1502812-10**

### Diesel Range Organics by EPA 8015B

Analyst: CR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: p-Terphenyl</i>	98.8 %	49 - 142		B5H0543	08/20/2015	08/26/15 14:33	

### Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	10	5	B5H0559	08/20/2015	08/21/15 10:57	D1
4,4'-DDE	ND	10	5	B5H0559	08/20/2015	08/21/15 10:57	D1
4,4'-DDT	ND	10	5	B5H0559	08/20/2015	08/21/15 10:57	D1
Aldrin	ND	5.0	5	B5H0559	08/20/2015	08/21/15 10:57	D1
alpha-BHC	ND	5.0	5	B5H0559	08/20/2015	08/21/15 10:57	D1
alpha-Chlordane	ND	5.0	5	B5H0559	08/20/2015	08/21/15 10:57	D1
beta-BHC	ND	5.0	5	B5H0559	08/20/2015	08/21/15 10:57	D1
Chlordane	ND	42	5	B5H0559	08/20/2015	08/21/15 10:57	D1
delta-BHC	ND	5.0	5	B5H0559	08/20/2015	08/21/15 10:57	D1
Dieldrin	ND	10	5	B5H0559	08/20/2015	08/21/15 10:57	D1
Endosulfan I	ND	5.0	5	B5H0559	08/20/2015	08/21/15 10:57	D1
Endosulfan II	ND	10	5	B5H0559	08/20/2015	08/21/15 10:57	D1
Endosulfan sulfate	ND	10	5	B5H0559	08/20/2015	08/21/15 10:57	D1
Endrin	ND	10	5	B5H0559	08/20/2015	08/21/15 10:57	D1
Endrin aldehyde	ND	10	5	B5H0559	08/20/2015	08/21/15 10:57	D1
Endrin ketone	ND	10	5	B5H0559	08/20/2015	08/21/15 10:57	D1
gamma-BHC	ND	5.0	5	B5H0559	08/20/2015	08/21/15 10:57	D1
gamma-Chlordane	ND	5.0	5	B5H0559	08/20/2015	08/21/15 10:57	D1
Heptachlor	ND	5.0	5	B5H0559	08/20/2015	08/21/15 10:57	D1
Heptachlor epoxide	ND	5.0	5	B5H0559	08/20/2015	08/21/15 10:57	D1
Methoxychlor	ND	25	5	B5H0559	08/20/2015	08/21/15 10:57	D1
Toxaphene	ND	250	5	B5H0559	08/20/2015	08/21/15 10:57	D1
<i>Surrogate: Decachlorobiphenyl</i>	42.7 %	16 - 137		B5H0559	08/20/2015	08/21/15 10:57	D1
<i>Surrogate: Tetrachloro-m-xylene</i>	23.0 %	16 - 105		B5H0559	08/20/2015	08/21/15 10:57	D1



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Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-4-1**

**Lab ID: 1502812-10**

**Volatile Organic Compounds by EPA 8260B**

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
1,1,1-Trichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
1,1,2-Trichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
1,1-Dichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
1,1-Dichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
1,1-Dichloropropene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
1,2,3-Trichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
1,2,3-Trichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
1,2,4-Trichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
1,2,4-Trimethylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
1,2-Dibromo-3-chloropropane	ND	10	1	B5H0428	08/17/2015	08/17/15 20:39	
1,2-Dibromoethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
1,2-Dichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
1,2-Dichloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
1,2-Dichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
1,3,5-Trimethylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
1,3-Dichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
1,3-Dichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
1,4-Dichlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
2,2-Dichloropropane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
2-Chlorotoluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
4-Chlorotoluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
4-Isopropyltoluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
Benzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
Bromobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
Bromodichloromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
Bromoform	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
Bromomethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
Carbon tetrachloride	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
Chlorobenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
Chloroethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
Chloroform	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
Chloromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
cis-1,2-Dichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
cis-1,3-Dichloropropene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
Dibromochloromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	



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 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-4-1**  
**Lab ID: 1502812-10**

## Volatile Organic Compounds by EPA 8260B

Analyst: AG

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Dibromomethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
Dichlorodifluoromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
Ethylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
Hexachlorobutadiene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
Isopropylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
m,p-Xylene	ND	10	1	B5H0428	08/17/2015	08/17/15 20:39	
Methylene chloride	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
n-Butylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
n-Propylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
Naphthalene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
o-Xylene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
sec-Butylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
Styrene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
tert-Butylbenzene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
Tetrachloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
Toluene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
trans-1,2-Dichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
Trichloroethene	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
Trichlorofluoromethane	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
Vinyl chloride	ND	5.0	1	B5H0428	08/17/2015	08/17/15 20:39	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>84.9 %</i>	<i>20 - 189</i>		B5H0428	08/17/2015	<i>08/17/15 20:39</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>112 %</i>	<i>20 - 173</i>		B5H0428	08/17/2015	<i>08/17/15 20:39</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>98.2 %</i>	<i>26 - 178</i>		B5H0428	08/17/2015	<i>08/17/15 20:39</i>	
<i>Surrogate: Toluene-d8</i>	<i>87.1 %</i>	<i>31 - 166</i>		B5H0428	08/17/2015	<i>08/17/15 20:39</i>	



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**Client Sample ID B-4-1**

**Lab ID: 1502812-10**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
1,2-Dichlorobenzene	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
1,3-Dichlorobenzene	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
1,4-Dichlorobenzene	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
2,4,5-Trichlorophenol	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
2,4,6-Trichlorophenol	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
2,4-Dichlorophenol	ND	50000	10	B5H0470	08/18/2015	08/25/15 09:40	D7
2,4-Dimethylphenol	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
2,4-Dinitrophenol	ND	50000	10	B5H0470	08/18/2015	08/25/15 09:40	D7
2,4-Dinitrotoluene	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
2,6-Dinitrotoluene	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
2-Chloronaphthalene	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
2-Chlorophenol	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
2-Methylnaphthalene	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
2-Methylphenol	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
2-Nitroaniline	ND	50000	10	B5H0470	08/18/2015	08/25/15 09:40	D7
2-Nitrophenol	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
3,3'-Dichlorobenzidine	ND	20000	10	B5H0470	08/18/2015	08/25/15 09:40	D7
3-Nitroaniline	ND	50000	10	B5H0470	08/18/2015	08/25/15 09:40	D7
4,6-Dinitro-2-methylphenol	ND	50000	10	B5H0470	08/18/2015	08/25/15 09:40	D7
4-Bromophenyl-phenylether	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
4-Chloro-3-methylphenol	ND	20000	10	B5H0470	08/18/2015	08/25/15 09:40	D7
4-Chloroaniline	ND	20000	10	B5H0470	08/18/2015	08/25/15 09:40	D7
4-Chlorophenyl-phenylether	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
4-Methylphenol	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
4-Nitroaniline	ND	50000	10	B5H0470	08/18/2015	08/25/15 09:40	D7
4-Nitrophenol	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Acenaphthene	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Acenaphthylene	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Anthracene	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Benzidine (M)	ND	50000	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Benzo(a)anthracene	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Benzo(a)pyrene	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Benzo(b)fluoranthene	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Benzo(g,h,i)perylene	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Benzo(k)fluoranthene	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Benzoic acid	ND	50000	10	B5H0470	08/18/2015	08/25/15 09:40	D7



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 Reported : 08/27/2015

**Client Sample ID B-4-1**

**Lab ID: 1502812-10**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Benzyl alcohol	ND	20000	10	B5H0470	08/18/2015	08/25/15 09:40	D7
bis(2-chloroethoxy)methane	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
bis(2-Chloroethyl)ether	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
bis(2-chloroisopropyl)ether	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
bis(2-ethylhexyl)phthalate	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Butylbenzylphthalate	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Chrysene	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Di-n-butylphthalate	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Di-n-octylphthalate	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Dibenz(a,h)anthracene	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Dibenzofuran	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Diethyl phthalate	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Dimethyl phthalate	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Fluoranthene	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Fluorene	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Hexachlorobenzene	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Hexachlorobutadiene	ND	20000	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Hexachlorocyclopentadiene	ND	20000	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Hexachloroethane	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Indeno(1,2,3-cd)pyrene	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Isophorone	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
N-Nitroso-di-n propylamine	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
N-Nitrosodiphenylamine	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Naphthalene	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Nitrobenzene	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Pentachlorophenol	ND	50000	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Phenanthrene	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Phenol	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Pyrene	ND	9900	10	B5H0470	08/18/2015	08/25/15 09:40	D7
Pyridine	ND	50000	10	B5H0470	08/18/2015	08/25/15 09:40	D7
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>82.2 %</i>	<i>24 - 114</i>		B5H0470	08/18/2015	<i>08/25/15 09:40</i>	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>335 %</i>	<i>0 - 189</i>		B5H0470	08/18/2015	<i>08/25/15 09:40</i>	S10
<i>Surrogate: 2-Chlorophenol-d4</i>	<i>92.4 %</i>	<i>23 - 123</i>		B5H0470	08/18/2015	<i>08/25/15 09:40</i>	
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>101 %</i>	<i>28 - 128</i>		B5H0470	08/18/2015	<i>08/25/15 09:40</i>	
<i>Surrogate: 2-Fluorophenol</i>	<i>89.4 %</i>	<i>8 - 138</i>		B5H0470	08/18/2015	<i>08/25/15 09:40</i>	
<i>Surrogate: 4-Terphenyl-d14</i>	<i>106 %</i>	<i>27 - 154</i>		B5H0470	08/18/2015	<i>08/25/15 09:40</i>	
<i>Surrogate: Nitrobenzene-d5</i>	<i>78.3 %</i>	<i>19 - 129</i>		B5H0470	08/18/2015	<i>08/25/15 09:40</i>	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank , CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-4-1**

**Lab ID: 1502812-10**

### Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: Phenol-d5</i>	95.7 %	20 - 126		B5H0470	08/18/2015	08/25/15 09:40	



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-4-2**

**Lab ID: 1502812-11**

**Title 22 Metals by ICP-AES EPA 6010B**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B5H0453	08/18/2015	08/19/15 11:08	
<b>Arsenic</b>	<b>2.3</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:08	
<b>Barium</b>	<b>54</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:08	
Beryllium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 11:08	
Cadmium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 11:08	
<b>Chromium</b>	<b>16</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:08	
<b>Cobalt</b>	<b>4.6</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:08	
<b>Copper</b>	<b>6.9</b>	2.0	1	B5H0453	08/18/2015	08/19/15 11:08	
<b>Lead</b>	<b>1.9</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:08	
Molybdenum	ND	1.0	1	B5H0453	08/18/2015	08/19/15 11:08	
<b>Nickel</b>	<b>12</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:08	
Selenium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 11:08	
Silver	ND	1.0	1	B5H0453	08/18/2015	08/19/15 11:08	
Thallium	ND	1.0	1	B5H0453	08/18/2015	08/19/15 11:08	
<b>Vanadium</b>	<b>26</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:08	
<b>Zinc</b>	<b>24</b>	1.0	1	B5H0453	08/18/2015	08/19/15 11:08	

**Mercury by AA (Cold Vapor) EPA 7471A**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	1	B5H0455	08/18/2015	08/19/15 12:54	

**Gasoline Range Organics by EPA 8015B (Modified)**

**Analyst: BT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B5H0628	08/14/2015	08/24/15 17:50	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>68.5 %</i>	<i>37 - 153</i>		B5H0628	08/14/2015	<i>08/24/15 17:50</i>	

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<b>DRO</b>	<b>21</b>	10	1	B5H0543	08/20/2015	08/26/15 13:27	
<b>ORO</b>	<b>90</b>	10	1	B5H0543	08/20/2015	08/26/15 13:27	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

## Client Sample ID B-4-2

Lab ID: 1502812-11

### Diesel Range Organics by EPA 8015B

Analyst: CR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: p-Terphenyl	77.2 %	49 - 142		B5H0543	08/20/2015	08/26/15 13:27	

### Volatile Organic Compounds by EPA 8260B

Analyst: AG

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
1,1,1-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
1,1,2-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
1,1-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
1,1-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
1,1-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
1,2,3-Trichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
1,2,3-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
1,2,4-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
1,2,4-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
1,2-Dibromo-3-chloropropane	ND	10	1	B5H0447	08/18/2015	08/18/15 09:42	
1,2-Dibromoethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
1,2-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
1,2-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
1,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
1,3,5-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
1,3-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
1,3-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
1,4-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
2,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
2-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
4-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
4-Isopropyltoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
Benzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
Bromobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
Bromodichloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
Bromoform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
Bromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
Carbon tetrachloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
Chlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	





# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-4-2**

**Lab ID: 1502812-11**

## Volatile Organic Compounds by EPA 8260B

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
Chloroform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
Chloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
cis-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
cis-1,3-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
Dibromochloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
Dibromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
Dichlorodifluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
Ethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
Hexachlorobutadiene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
Isopropylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
m,p-Xylene	ND	10	1	B5H0447	08/18/2015	08/18/15 09:42	
Methylene chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
n-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
n-Propylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
Naphthalene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
o-Xylene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
sec-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
Styrene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
tert-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
Tetrachloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
Toluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
trans-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
Trichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
Trichlorofluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
Vinyl chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 09:42	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>77.0 %</i>	<i>20 - 189</i>		B5H0447	08/18/2015	<i>08/18/15 09:42</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>107 %</i>	<i>20 - 173</i>		B5H0447	08/18/2015	<i>08/18/15 09:42</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>97.6 %</i>	<i>26 - 178</i>		B5H0447	08/18/2015	<i>08/18/15 09:42</i>	
<i>Surrogate: Toluene-d8</i>	<i>80.8 %</i>	<i>31 - 166</i>		B5H0447	08/18/2015	<i>08/18/15 09:42</i>	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-4-2**

**Lab ID: 1502812-11**

## Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
1,2-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
1,3-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
1,4-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
2,4,5-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
2,4,6-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
2,4-Dichlorophenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 22:47	
2,4-Dimethylphenol	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
2,4-Dinitrophenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 22:47	
2,4-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
2,6-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
2-Chloronaphthalene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
2-Chlorophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
2-Methylnaphthalene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
2-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
2-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/20/15 22:47	
2-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
3,3'-Dichlorobenzidine	ND	660	1	B5H0470	08/18/2015	08/20/15 22:47	
3-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/20/15 22:47	
4,6-Dinitro-2-methylphenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 22:47	
4-Bromophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
4-Chloro-3-methylphenol	ND	660	1	B5H0470	08/18/2015	08/20/15 22:47	
4-Chloroaniline	ND	660	1	B5H0470	08/18/2015	08/20/15 22:47	
4-Chlorophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
4-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
4-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/20/15 22:47	
4-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
Acenaphthene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
Acenaphthylene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
Anthracene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
Benzidine (M)	ND	1600	1	B5H0470	08/18/2015	08/20/15 22:47	
Benzo(a)anthracene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
Benzo(a)pyrene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
Benzo(b)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
Benzo(g,h,i)perylene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
Benzo(k)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
Benzoic acid	ND	1600	1	B5H0470	08/18/2015	08/20/15 22:47	



# Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-4-2**

**Lab ID: 1502812-11**

## Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Benzyl alcohol	ND	660	1	B5H0470	08/18/2015	08/20/15 22:47	
bis(2-chloroethoxy)methane	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
bis(2-Chloroethyl)ether	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
bis(2-chloroisopropyl)ether	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
bis(2-ethylhexyl)phthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
Butylbenzylphthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
Chrysene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
Di-n-butylphthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
Di-n-octylphthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
Dibenz(a,h)anthracene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
Dibenzofuran	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
Diethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
Dimethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
Fluoranthene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
Fluorene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
Hexachlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
Hexachlorobutadiene	ND	660	1	B5H0470	08/18/2015	08/20/15 22:47	
Hexachlorocyclopentadiene	ND	660	1	B5H0470	08/18/2015	08/20/15 22:47	
Hexachloroethane	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
Indeno(1,2,3-cd)pyrene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
Isophorone	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
N-Nitroso-di-n propylamine	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
N-Nitrosodiphenylamine	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
Naphthalene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
Nitrobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
Pentachlorophenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 22:47	
Phenanthrene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
Phenol	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
Pyrene	ND	330	1	B5H0470	08/18/2015	08/20/15 22:47	
Pyridine	ND	1600	1	B5H0470	08/18/2015	08/20/15 22:47	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>71.0 %</i>	<i>24 - 114</i>		B5H0470	08/18/2015	08/20/15 22:47	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>81.8 %</i>	<i>0 - 189</i>		B5H0470	08/18/2015	08/20/15 22:47	
<i>Surrogate: 2-Chlorophenol-d4</i>	<i>72.4 %</i>	<i>23 - 123</i>		B5H0470	08/18/2015	08/20/15 22:47	
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>82.9 %</i>	<i>28 - 128</i>		B5H0470	08/18/2015	08/20/15 22:47	
<i>Surrogate: 2-Fluorophenol</i>	<i>70.3 %</i>	<i>8 - 138</i>		B5H0470	08/18/2015	08/20/15 22:47	
<i>Surrogate: 4-Terphenyl-d14</i>	<i>90.5 %</i>	<i>27 - 154</i>		B5H0470	08/18/2015	08/20/15 22:47	
<i>Surrogate: Nitrobenzene-d5</i>	<i>81.0 %</i>	<i>19 - 129</i>		B5H0470	08/18/2015	08/20/15 22:47	



### Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
Report To : Scott Nunez  
Reported : 08/27/2015

**Client Sample ID B-4-2**

**Lab ID: 1502812-11**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: Phenol-d5</i>	76.0 %	20 - 126		B5H0470	08/18/2015	08/20/15 22:47	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-4-5**

**Lab ID: 1502812-12**

**Title 22 Metals by ICP-AES EPA 6010B**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B5H0454	08/18/2015	08/19/15 10:46	
<b>Arsenic</b>	<b>2.6</b>	1.0	1	B5H0454	08/18/2015	08/19/15 10:46	
<b>Barium</b>	<b>73</b>	1.0	1	B5H0454	08/18/2015	08/19/15 10:46	
Beryllium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 10:45	
Cadmium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 10:46	
<b>Chromium</b>	<b>14</b>	1.0	1	B5H0454	08/18/2015	08/19/15 10:46	
<b>Cobalt</b>	<b>6.5</b>	1.0	1	B5H0454	08/18/2015	08/19/15 10:46	
<b>Copper</b>	<b>8.7</b>	2.0	1	B5H0454	08/18/2015	08/19/15 10:46	
<b>Lead</b>	<b>2.2</b>	1.0	1	B5H0454	08/18/2015	08/19/15 10:46	
Molybdenum	ND	1.0	1	B5H0454	08/18/2015	08/19/15 10:46	
<b>Nickel</b>	<b>13</b>	1.0	1	B5H0454	08/18/2015	08/19/15 10:46	
Selenium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 10:46	
Silver	ND	1.0	1	B5H0454	08/18/2015	08/19/15 10:46	
Thallium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 10:46	
<b>Vanadium</b>	<b>37</b>	1.0	1	B5H0454	08/18/2015	08/19/15 10:46	
<b>Zinc</b>	<b>37</b>	1.0	1	B5H0454	08/18/2015	08/19/15 10:46	

**Mercury by AA (Cold Vapor) EPA 7471A**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	1	B5H0456	08/18/2015	08/19/15 13:00	

**Gasoline Range Organics by EPA 8015B (Modified)**

**Analyst: BT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B5H0652	08/14/2015	08/24/15 19:57	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>66.7 %</i>	<i>37 - 153</i>		B5H0652	08/14/2015	<i>08/24/15 19:57</i>	

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	ND	10	1	B5H0543	08/20/2015	08/26/15 11:40	
<b>ORO</b>	<b>12</b>	10	1	B5H0543	08/20/2015	08/26/15 11:40	



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-4-5**

**Lab ID: 1502812-12**

### Diesel Range Organics by EPA 8015B

Analyst: CR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: p-Terphenyl</i>	<i>102 %</i>	<i>49 - 142</i>		B5H0543	08/20/2015	<i>08/26/15 11:40</i>	

### Volatile Organic Compounds by EPA 8260B

Analyst: AG

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
1,1,1-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
1,1,2-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
1,1-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
1,1-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
1,1-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
1,2,3-Trichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
1,2,3-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
1,2,4-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
1,2,4-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
1,2-Dibromo-3-chloropropane	ND	10	1	B5H0447	08/18/2015	08/18/15 10:39	
1,2-Dibromoethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
1,2-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
1,2-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
1,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
1,3,5-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
1,3-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
1,3-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
1,4-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
2,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
2-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
4-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
4-Isopropyltoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
Benzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
Bromobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
Bromodichloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
Bromoform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
Bromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
Carbon tetrachloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
Chlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-4-5**

**Lab ID: 1502812-12**

**Volatile Organic Compounds by EPA 8260B**

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
Chloroform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
Chloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
cis-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
cis-1,3-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
Dibromochloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
Dibromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
Dichlorodifluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
Ethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
Hexachlorobutadiene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
Isopropylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
m,p-Xylene	ND	10	1	B5H0447	08/18/2015	08/18/15 10:39	
Methylene chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
n-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
n-Propylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
Naphthalene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
o-Xylene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
sec-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
Styrene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
tert-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
Tetrachloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
Toluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
trans-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
Trichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
Trichlorofluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
Vinyl chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:39	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>83.8 %</i>	<i>20 - 189</i>		B5H0447	08/18/2015	<i>08/18/15 10:39</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>104 %</i>	<i>20 - 173</i>		B5H0447	08/18/2015	<i>08/18/15 10:39</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>100 %</i>	<i>26 - 178</i>		B5H0447	08/18/2015	<i>08/18/15 10:39</i>	
<i>Surrogate: Toluene-d8</i>	<i>84.2 %</i>	<i>31 - 166</i>		B5H0447	08/18/2015	<i>08/18/15 10:39</i>	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-4-5**

**Lab ID: 1502812-12**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
1,2-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
1,3-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
1,4-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
2,4,5-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
2,4,6-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
2,4-Dichlorophenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 19:59	
2,4-Dimethylphenol	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
2,4-Dinitrophenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 19:59	
2,4-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
2,6-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
2-Chloronaphthalene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
2-Chlorophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
2-Methylnaphthalene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
2-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
2-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/20/15 19:59	
2-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
3,3'-Dichlorobenzidine	ND	660	1	B5H0470	08/18/2015	08/20/15 19:59	
3-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/20/15 19:59	
4,6-Dinitro-2-methylphenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 19:59	
4-Bromophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
4-Chloro-3-methylphenol	ND	660	1	B5H0470	08/18/2015	08/20/15 19:59	
4-Chloroaniline	ND	660	1	B5H0470	08/18/2015	08/20/15 19:59	
4-Chlorophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
4-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
4-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/20/15 19:59	
4-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
Acenaphthene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
Acenaphthylene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
Anthracene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
Benzidine (M)	ND	1600	1	B5H0470	08/18/2015	08/20/15 19:59	
Benzo(a)anthracene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
Benzo(a)pyrene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
Benzo(b)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
Benzo(g,h,i)perylene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
Benzo(k)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
Benzoic acid	ND	1600	1	B5H0470	08/18/2015	08/20/15 19:59	





# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-4-5**

**Lab ID: 1502812-12**

## Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Benzyl alcohol	ND	660	1	B5H0470	08/18/2015	08/20/15 19:59	
bis(2-chloroethoxy)methane	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
bis(2-Chloroethyl)ether	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
bis(2-chloroisopropyl)ether	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
bis(2-ethylhexyl)phthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
Butylbenzylphthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
Chrysene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
Di-n-butylphthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
Di-n-octylphthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
Dibenz(a,h)anthracene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
Dibenzofuran	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
Diethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
Dimethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
Fluoranthene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
Fluorene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
Hexachlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
Hexachlorobutadiene	ND	660	1	B5H0470	08/18/2015	08/20/15 19:59	
Hexachlorocyclopentadiene	ND	660	1	B5H0470	08/18/2015	08/20/15 19:59	
Hexachloroethane	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
Indeno(1,2,3-cd)pyrene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
Isophorone	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
N-Nitroso-di-n propylamine	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
N-Nitrosodiphenylamine	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
Naphthalene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
Nitrobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
Pentachlorophenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 19:59	
Phenanthrene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
Phenol	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
Pyrene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:59	
Pyridine	ND	1600	1	B5H0470	08/18/2015	08/20/15 19:59	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>71.5 %</i>	<i>24 - 114</i>		B5H0470	08/18/2015	<i>08/20/15 19:59</i>	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>80.6 %</i>	<i>0 - 189</i>		B5H0470	08/18/2015	<i>08/20/15 19:59</i>	
<i>Surrogate: 2-Chlorophenol-d4</i>	<i>72.1 %</i>	<i>23 - 123</i>		B5H0470	08/18/2015	<i>08/20/15 19:59</i>	
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>79.2 %</i>	<i>28 - 128</i>		B5H0470	08/18/2015	<i>08/20/15 19:59</i>	
<i>Surrogate: 2-Fluorophenol</i>	<i>72.0 %</i>	<i>8 - 138</i>		B5H0470	08/18/2015	<i>08/20/15 19:59</i>	
<i>Surrogate: 4-Terphenyl-d14</i>	<i>90.5 %</i>	<i>27 - 154</i>		B5H0470	08/18/2015	<i>08/20/15 19:59</i>	
<i>Surrogate: Nitrobenzene-d5</i>	<i>78.8 %</i>	<i>19 - 129</i>		B5H0470	08/18/2015	<i>08/20/15 19:59</i>	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-4-5**

**Lab ID: 1502812-12**

### Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: Phenol-d5</i>	76.0 %	20 - 126		B5H0470	08/18/2015	08/20/15 19:59	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-5-1**

**Lab ID: 1502812-13**

**Title 22 Metals by ICP-AES EPA 6010B**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B5H0454	08/18/2015	08/19/15 10:56	
<b>Arsenic</b>	<b>2.1</b>	1.0	1	B5H0454	08/18/2015	08/19/15 10:56	
<b>Barium</b>	<b>80</b>	1.0	1	B5H0454	08/18/2015	08/19/15 10:55	
Beryllium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 10:54	
Cadmium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 10:56	
<b>Chromium</b>	<b>15</b>	1.0	1	B5H0454	08/18/2015	08/19/15 10:55	
<b>Cobalt</b>	<b>6.0</b>	1.0	1	B5H0454	08/18/2015	08/19/15 10:56	
<b>Copper</b>	<b>9.9</b>	2.0	1	B5H0454	08/18/2015	08/19/15 10:55	
<b>Lead</b>	<b>3.3</b>	1.0	1	B5H0454	08/18/2015	08/19/15 10:56	
Molybdenum	ND	1.0	1	B5H0454	08/18/2015	08/19/15 10:55	
<b>Nickel</b>	<b>10</b>	1.0	1	B5H0454	08/18/2015	08/19/15 10:56	
Selenium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 10:56	
Silver	ND	1.0	1	B5H0454	08/18/2015	08/19/15 10:55	
Thallium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 10:56	
<b>Vanadium</b>	<b>32</b>	1.0	1	B5H0454	08/18/2015	08/19/15 10:55	
<b>Zinc</b>	<b>30</b>	1.0	1	B5H0454	08/18/2015	08/19/15 10:55	

**Mercury by AA (Cold Vapor) EPA 7471A**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	1	B5H0456	08/18/2015	08/19/15 13:12	

**Gasoline Range Organics by EPA 8015B (Modified)**

**Analyst: BT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B5H0652	08/14/2015	08/24/15 20:13	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>70.6 %</i>	<i>37 - 153</i>		B5H0652	08/14/2015	<i>08/24/15 20:13</i>	

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	ND	10	1	B5H0543	08/20/2015	08/26/15 13:10	
<b>ORO</b>	<b>13</b>	10	1	B5H0543	08/20/2015	08/26/15 13:10	



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Project Number : Park to Playa Seg C Soil Sampling, A9240

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Reported : 08/27/2015

**Client Sample ID B-5-1**

**Lab ID: 1502812-13**

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: p-Terphenyl</i>	122 %	49 - 142		B5H0543	08/20/2015	08/26/15 13:10	

**Organochlorine Pesticides by EPA 8081**

**Analyst: CL**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B5H0559	08/20/2015	08/21/15 11:07	
4,4'-DDE	ND	2.0	1	B5H0559	08/20/2015	08/21/15 11:07	
4,4'-DDT	ND	2.0	1	B5H0559	08/20/2015	08/21/15 11:07	
Aldrin	ND	1.0	1	B5H0559	08/20/2015	08/21/15 11:07	
alpha-BHC	ND	1.0	1	B5H0559	08/20/2015	08/21/15 11:07	
alpha-Chlordane	ND	1.0	1	B5H0559	08/20/2015	08/21/15 11:07	
beta-BHC	ND	1.0	1	B5H0559	08/20/2015	08/21/15 11:07	
Chlordane	ND	8.5	1	B5H0559	08/20/2015	08/21/15 11:07	
delta-BHC	ND	1.0	1	B5H0559	08/20/2015	08/21/15 11:07	
Dieldrin	ND	2.0	1	B5H0559	08/20/2015	08/21/15 11:07	
Endosulfan I	ND	1.0	1	B5H0559	08/20/2015	08/21/15 11:07	
Endosulfan II	ND	2.0	1	B5H0559	08/20/2015	08/21/15 11:07	
Endosulfan sulfate	ND	2.0	1	B5H0559	08/20/2015	08/21/15 11:07	
Endrin	ND	2.0	1	B5H0559	08/20/2015	08/21/15 11:07	
Endrin aldehyde	ND	2.0	1	B5H0559	08/20/2015	08/21/15 11:07	
Endrin ketone	ND	2.0	1	B5H0559	08/20/2015	08/21/15 11:07	
gamma-BHC	ND	1.0	1	B5H0559	08/20/2015	08/21/15 11:07	
gamma-Chlordane	ND	1.0	1	B5H0559	08/20/2015	08/21/15 11:07	
Heptachlor	ND	1.0	1	B5H0559	08/20/2015	08/21/15 11:07	
Heptachlor epoxide	ND	1.0	1	B5H0559	08/20/2015	08/21/15 11:07	
Methoxychlor	ND	5.0	1	B5H0559	08/20/2015	08/21/15 11:07	
Toxaphene	ND	50	1	B5H0559	08/20/2015	08/21/15 11:07	
<i>Surrogate: Decachlorobiphenyl</i>	69.7 %	16 - 137		B5H0559	08/20/2015	08/21/15 11:07	
<i>Surrogate: Tetrachloro-m-xylene</i>	55.4 %	16 - 105		B5H0559	08/20/2015	08/21/15 11:07	



# Certificate of Analysis

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 Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-5-1**

**Lab ID: 1502812-13**

**Volatile Organic Compounds by EPA 8260B**

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
1,1,1-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
1,1,2-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
1,1-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
1,1-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
1,1-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
1,2,3-Trichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
1,2,3-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
1,2,4-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
1,2,4-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
1,2-Dibromo-3-chloropropane	ND	10	1	B5H0447	08/18/2015	08/18/15 10:58	
1,2-Dibromoethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
1,2-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
1,2-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
1,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
1,3,5-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
1,3-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
1,3-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
1,4-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
2,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
2-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
4-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
4-Isopropyltoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
Benzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
Bromobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
Bromodichloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
Bromoform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
Bromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
Carbon tetrachloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
Chlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
Chloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
Chloroform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
Chloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
cis-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
cis-1,3-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
Dibromochloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-5-1**  
**Lab ID: 1502812-13**

## Volatile Organic Compounds by EPA 8260B

Analyst: AG

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Dibromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
Dichlorodifluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
Ethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
Hexachlorobutadiene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
Isopropylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
m,p-Xylene	ND	10	1	B5H0447	08/18/2015	08/18/15 10:58	
Methylene chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
n-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
n-Propylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
Naphthalene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
o-Xylene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
sec-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
Styrene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
tert-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
Tetrachloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
Toluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
trans-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
Trichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
Trichlorofluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
Vinyl chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 10:58	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>79.9 %</i>	<i>20 - 189</i>		B5H0447	08/18/2015	<i>08/18/15 10:58</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>103 %</i>	<i>20 - 173</i>		B5H0447	08/18/2015	<i>08/18/15 10:58</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>94.8 %</i>	<i>26 - 178</i>		B5H0447	08/18/2015	<i>08/18/15 10:58</i>	
<i>Surrogate: Toluene-d8</i>	<i>84.2 %</i>	<i>31 - 166</i>		B5H0447	08/18/2015	<i>08/18/15 10:58</i>	



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Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-5-1**

**Lab ID: 1502812-13**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
1,2-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
1,3-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
1,4-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
2,4,5-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
2,4,6-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
2,4-Dichlorophenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 23:15	
2,4-Dimethylphenol	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
2,4-Dinitrophenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 23:15	
2,4-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
2,6-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
2-Chloronaphthalene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
2-Chlorophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
2-Methylnaphthalene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
2-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
2-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/20/15 23:15	
2-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
3,3'-Dichlorobenzidine	ND	660	1	B5H0470	08/18/2015	08/20/15 23:15	
3-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/20/15 23:15	
4,6-Dinitro-2-methylphenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 23:15	
4-Bromophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
4-Chloro-3-methylphenol	ND	660	1	B5H0470	08/18/2015	08/20/15 23:15	
4-Chloroaniline	ND	660	1	B5H0470	08/18/2015	08/20/15 23:15	
4-Chlorophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
4-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
4-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/20/15 23:15	
4-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
Acenaphthene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
Acenaphthylene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
Anthracene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
Benzidine (M)	ND	1600	1	B5H0470	08/18/2015	08/20/15 23:15	
Benzo(a)anthracene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
Benzo(a)pyrene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
Benzo(b)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
Benzo(g,h,i)perylene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
Benzo(k)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
Benzoic acid	ND	1600	1	B5H0470	08/18/2015	08/20/15 23:15	



## Certificate of Analysis

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Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-5-1**

**Lab ID: 1502812-13**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Benzyl alcohol	ND	660	1	B5H0470	08/18/2015	08/20/15 23:15	
bis(2-chloroethoxy)methane	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
bis(2-Chloroethyl)ether	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
bis(2-chloroisopropyl)ether	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
bis(2-ethylhexyl)phthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
Butylbenzylphthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
Chrysene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
Di-n-butylphthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
Di-n-octylphthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
Dibenz(a,h)anthracene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
Dibenzofuran	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
Diethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
Dimethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
Fluoranthene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
Fluorene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
Hexachlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
Hexachlorobutadiene	ND	660	1	B5H0470	08/18/2015	08/20/15 23:15	
Hexachlorocyclopentadiene	ND	660	1	B5H0470	08/18/2015	08/20/15 23:15	
Hexachloroethane	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
Indeno(1,2,3-cd)pyrene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
Isophorone	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
N-Nitroso-di-n propylamine	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
N-Nitrosodiphenylamine	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
Naphthalene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
Nitrobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
Pentachlorophenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 23:15	
Phenanthrene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
Phenol	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
Pyrene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:15	
Pyridine	ND	1600	1	B5H0470	08/18/2015	08/20/15 23:15	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>76.7 %</i>	<i>24 - 114</i>		B5H0470	08/18/2015	<i>08/20/15 23:15</i>	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>85.6 %</i>	<i>0 - 189</i>		B5H0470	08/18/2015	<i>08/20/15 23:15</i>	
<i>Surrogate: 2-Chlorophenol-d4</i>	<i>83.5 %</i>	<i>23 - 123</i>		B5H0470	08/18/2015	<i>08/20/15 23:15</i>	
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>84.9 %</i>	<i>28 - 128</i>		B5H0470	08/18/2015	<i>08/20/15 23:15</i>	
<i>Surrogate: 2-Fluorophenol</i>	<i>81.1 %</i>	<i>8 - 138</i>		B5H0470	08/18/2015	<i>08/20/15 23:15</i>	
<i>Surrogate: 4-Terphenyl-d14</i>	<i>90.7 %</i>	<i>27 - 154</i>		B5H0470	08/18/2015	<i>08/20/15 23:15</i>	
<i>Surrogate: Nitrobenzene-d5</i>	<i>88.2 %</i>	<i>19 - 129</i>		B5H0470	08/18/2015	<i>08/20/15 23:15</i>	





### Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
Report To : Scott Nunez  
Reported : 08/27/2015

**Client Sample ID B-5-1**  
**Lab ID: 1502812-13**

#### Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: Phenol-d5</i>	85.1 %	20 - 126		B5H0470	08/18/2015	08/20/15 23:15	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-5-2**

**Lab ID: 1502812-14**

**Title 22 Metals by ICP-AES EPA 6010B**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B5H0454	08/18/2015	08/19/15 10:59	
<b>Arsenic</b>	<b>2.1</b>	1.0	1	B5H0454	08/18/2015	08/19/15 10:59	
<b>Barium</b>	<b>92</b>	1.0	1	B5H0454	08/18/2015	08/19/15 10:59	
Beryllium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 10:58	
Cadmium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 10:59	
<b>Chromium</b>	<b>16</b>	1.0	1	B5H0454	08/18/2015	08/19/15 10:59	
<b>Cobalt</b>	<b>6.5</b>	1.0	1	B5H0454	08/18/2015	08/19/15 10:59	
<b>Copper</b>	<b>11</b>	2.0	1	B5H0454	08/18/2015	08/19/15 10:59	
<b>Lead</b>	<b>5.1</b>	1.0	1	B5H0454	08/18/2015	08/19/15 10:59	
Molybdenum	ND	1.0	1	B5H0454	08/18/2015	08/19/15 10:59	
<b>Nickel</b>	<b>11</b>	1.0	1	B5H0454	08/18/2015	08/19/15 10:59	
Selenium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 10:59	
Silver	ND	1.0	1	B5H0454	08/18/2015	08/19/15 10:59	
Thallium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 10:59	
<b>Vanadium</b>	<b>35</b>	1.0	1	B5H0454	08/18/2015	08/19/15 10:59	
<b>Zinc</b>	<b>39</b>	1.0	1	B5H0454	08/18/2015	08/19/15 10:59	

**Mercury by AA (Cold Vapor) EPA 7471A**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	1	B5H0456	08/18/2015	08/19/15 13:14	

**Gasoline Range Organics by EPA 8015B (Modified)**

**Analyst: BT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B5H0652	08/14/2015	08/24/15 20:28	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>67.3 %</i>	<i>37 - 153</i>		B5H0652	08/14/2015	<i>08/24/15 20:28</i>	

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<b>DRO</b>	<b>23</b>	10	1	B5H0543	08/20/2015	08/26/15 13:28	
<b>ORO</b>	<b>50</b>	10	1	B5H0543	08/20/2015	08/26/15 13:28	



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-5-2**

**Lab ID: 1502812-14**

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: p-Terphenyl</i>	<i>119 %</i>	<i>49 - 142</i>		B5H0543	08/20/2015	<i>08/26/15 13:28</i>	

**Volatile Organic Compounds by EPA 8260B**

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
1,1,1-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
1,1,2-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
1,1-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
1,1-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
1,1-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
1,2,3-Trichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
1,2,3-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
1,2,4-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
1,2,4-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
1,2-Dibromo-3-chloropropane	ND	10	1	B5H0447	08/18/2015	08/18/15 11:17	
1,2-Dibromoethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
1,2-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
1,2-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
1,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
1,3,5-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
1,3-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
1,3-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
1,4-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
2,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
2-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
4-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
4-Isopropyltoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
Benzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
Bromobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
Bromodichloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
Bromoform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
Bromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
Carbon tetrachloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
Chlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-5-2**

**Lab ID: 1502812-14**

**Volatile Organic Compounds by EPA 8260B**

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
Chloroform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
Chloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
cis-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
cis-1,3-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
Dibromochloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
Dibromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
Dichlorodifluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
Ethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
Hexachlorobutadiene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
Isopropylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
m,p-Xylene	ND	10	1	B5H0447	08/18/2015	08/18/15 11:17	
Methylene chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
n-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
n-Propylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
Naphthalene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
o-Xylene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
sec-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
Styrene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
tert-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
Tetrachloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
Toluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
trans-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
Trichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
Trichlorofluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
Vinyl chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:17	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>86.4 %</i>	<i>20 - 189</i>		B5H0447	08/18/2015	<i>08/18/15 11:17</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>112 %</i>	<i>20 - 173</i>		B5H0447	08/18/2015	<i>08/18/15 11:17</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>98.3 %</i>	<i>26 - 178</i>		B5H0447	08/18/2015	<i>08/18/15 11:17</i>	
<i>Surrogate: Toluene-d8</i>	<i>85.5 %</i>	<i>31 - 166</i>		B5H0447	08/18/2015	<i>08/18/15 11:17</i>	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-5-2**

**Lab ID: 1502812-14**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
1,2-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
1,3-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
1,4-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
2,4,5-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
2,4,6-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
2,4-Dichlorophenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 23:43	
2,4-Dimethylphenol	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
2,4-Dinitrophenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 23:43	
2,4-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
2,6-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
2-Chloronaphthalene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
2-Chlorophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
2-Methylnaphthalene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
2-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
2-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/20/15 23:43	
2-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
3,3'-Dichlorobenzidine	ND	660	1	B5H0470	08/18/2015	08/20/15 23:43	
3-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/20/15 23:43	
4,6-Dinitro-2-methylphenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 23:43	
4-Bromophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
4-Chloro-3-methylphenol	ND	660	1	B5H0470	08/18/2015	08/20/15 23:43	
4-Chloroaniline	ND	660	1	B5H0470	08/18/2015	08/20/15 23:43	
4-Chlorophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
4-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
4-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/20/15 23:43	
4-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
Acenaphthene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
Acenaphthylene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
Anthracene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
Benzidine (M)	ND	1600	1	B5H0470	08/18/2015	08/20/15 23:43	
Benzo(a)anthracene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
Benzo(a)pyrene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
Benzo(b)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
Benzo(g,h,i)perylene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
Benzo(k)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
Benzoic acid	ND	1600	1	B5H0470	08/18/2015	08/20/15 23:43	



# Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-5-2**

**Lab ID: 1502812-14**

## Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Benzyl alcohol	ND	660	1	B5H0470	08/18/2015	08/20/15 23:43	
bis(2-chloroethoxy)methane	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
bis(2-Chloroethyl)ether	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
bis(2-chloroisopropyl)ether	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
bis(2-ethylhexyl)phthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
Butylbenzylphthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
Chrysene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
Di-n-butylphthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
Di-n-octylphthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
Dibenz(a,h)anthracene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
Dibenzofuran	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
Diethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
Dimethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
Fluoranthene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
Fluorene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
Hexachlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
Hexachlorobutadiene	ND	660	1	B5H0470	08/18/2015	08/20/15 23:43	
Hexachlorocyclopentadiene	ND	660	1	B5H0470	08/18/2015	08/20/15 23:43	
Hexachloroethane	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
Indeno(1,2,3-cd)pyrene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
Isophorone	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
N-Nitroso-di-n propylamine	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
N-Nitrosodiphenylamine	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
Naphthalene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
Nitrobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
Pentachlorophenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 23:43	
Phenanthrene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
Phenol	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
Pyrene	ND	330	1	B5H0470	08/18/2015	08/20/15 23:43	
Pyridine	ND	1600	1	B5H0470	08/18/2015	08/20/15 23:43	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	76.6 %	24 - 114		B5H0470	08/18/2015	08/20/15 23:43	
<i>Surrogate: 2,4,6-Tribromophenol</i>	83.4 %	0 - 189		B5H0470	08/18/2015	08/20/15 23:43	
<i>Surrogate: 2-Chlorophenol-d4</i>	79.3 %	23 - 123		B5H0470	08/18/2015	08/20/15 23:43	
<i>Surrogate: 2-Fluorobiphenyl</i>	82.6 %	28 - 128		B5H0470	08/18/2015	08/20/15 23:43	
<i>Surrogate: 2-Fluorophenol</i>	79.5 %	8 - 138		B5H0470	08/18/2015	08/20/15 23:43	
<i>Surrogate: 4-Terphenyl-d14</i>	86.8 %	27 - 154		B5H0470	08/18/2015	08/20/15 23:43	
<i>Surrogate: Nitrobenzene-d5</i>	86.9 %	19 - 129		B5H0470	08/18/2015	08/20/15 23:43	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-5-2**

**Lab ID: 1502812-14**

### Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: Phenol-d5</i>	82.2 %	20 - 126		B5H0470	08/18/2015	08/20/15 23:43	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-5-5**

**Lab ID: 1502812-15**

**Title 22 Metals by ICP-AES EPA 6010B**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B5H0454	08/18/2015	08/19/15 11:02	
<b>Arsenic</b>	<b>2.0</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:02	
<b>Barium</b>	<b>89</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:02	
Beryllium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:01	
Cadmium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:02	
<b>Chromium</b>	<b>16</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:02	
<b>Cobalt</b>	<b>6.4</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:02	
<b>Copper</b>	<b>11</b>	2.0	1	B5H0454	08/18/2015	08/19/15 11:02	
<b>Lead</b>	<b>4.2</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:02	
Molybdenum	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:02	
<b>Nickel</b>	<b>11</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:02	
Selenium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:02	
Silver	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:02	
Thallium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:02	
<b>Vanadium</b>	<b>32</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:02	
<b>Zinc</b>	<b>39</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:02	

**Mercury by AA (Cold Vapor) EPA 7471A**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	1	B5H0456	08/18/2015	08/19/15 13:16	

**Gasoline Range Organics by EPA 8015B (Modified)**

**Analyst: BT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B5H0652	08/14/2015	08/24/15 20:44	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>77.2 %</i>	<i>37 - 153</i>		B5H0652	08/14/2015	<i>08/24/15 20:44</i>	

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	ND	10	1	B5H0543	08/20/2015	08/26/15 12:33	
<b>ORO</b>	<b>11</b>	10	1	B5H0543	08/20/2015	08/26/15 12:33	





# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

## Client Sample ID B-5-5

Lab ID: 1502812-15

### Diesel Range Organics by EPA 8015B

Analyst: CR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: p-Terphenyl	107 %	49 - 142		B5H0543	08/20/2015	08/26/15 12:33	

### Volatile Organic Compounds by EPA 8260B

Analyst: AG

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
1,1,1-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
1,1,2-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
1,1-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
1,1-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
1,1-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
1,2,3-Trichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
1,2,3-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
1,2,4-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
1,2,4-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
1,2-Dibromo-3-chloropropane	ND	10	1	B5H0447	08/18/2015	08/18/15 11:35	
1,2-Dibromoethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
1,2-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
1,2-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
1,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
1,3,5-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
1,3-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
1,3-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
1,4-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
2,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
2-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
4-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
4-Isopropyltoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
Benzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
Bromobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
Bromodichloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
Bromoform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
Bromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
Carbon tetrachloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
Chlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-5-5**

**Lab ID: 1502812-15**

**Volatile Organic Compounds by EPA 8260B**

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
Chloroform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
Chloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
cis-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
cis-1,3-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
Dibromochloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
Dibromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
Dichlorodifluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
Ethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
Hexachlorobutadiene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
Isopropylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
m,p-Xylene	ND	10	1	B5H0447	08/18/2015	08/18/15 11:35	
Methylene chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
n-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
n-Propylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
Naphthalene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
o-Xylene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
sec-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
Styrene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
tert-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
Tetrachloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
Toluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
trans-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
Trichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
Trichlorofluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
Vinyl chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:35	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>88.1 %</i>	<i>20 - 189</i>		B5H0447	08/18/2015	<i>08/18/15 11:35</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>109 %</i>	<i>20 - 173</i>		B5H0447	08/18/2015	<i>08/18/15 11:35</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>98.8 %</i>	<i>26 - 178</i>		B5H0447	08/18/2015	<i>08/18/15 11:35</i>	
<i>Surrogate: Toluene-d8</i>	<i>86.9 %</i>	<i>31 - 166</i>		B5H0447	08/18/2015	<i>08/18/15 11:35</i>	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-5-5**

**Lab ID: 1502812-15**

### Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
1,2-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
1,3-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
1,4-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
2,4,5-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
2,4,6-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
2,4-Dichlorophenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 19:31	
2,4-Dimethylphenol	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
2,4-Dinitrophenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 19:31	
2,4-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
2,6-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
2-Chloronaphthalene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
2-Chlorophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
2-Methylnaphthalene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
2-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
2-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/20/15 19:31	
2-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
3,3'-Dichlorobenzidine	ND	660	1	B5H0470	08/18/2015	08/20/15 19:31	
3-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/20/15 19:31	
4,6-Dinitro-2-methylphenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 19:31	
4-Bromophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
4-Chloro-3-methylphenol	ND	660	1	B5H0470	08/18/2015	08/20/15 19:31	
4-Chloroaniline	ND	660	1	B5H0470	08/18/2015	08/20/15 19:31	
4-Chlorophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
4-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
4-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/20/15 19:31	
4-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
Acenaphthene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
Acenaphthylene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
Anthracene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
Benzidine (M)	ND	1600	1	B5H0470	08/18/2015	08/20/15 19:31	
Benzo(a)anthracene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
Benzo(a)pyrene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
Benzo(b)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
Benzo(g,h,i)perylene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
Benzo(k)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
Benzoic acid	ND	1600	1	B5H0470	08/18/2015	08/20/15 19:31	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-5-5**

**Lab ID: 1502812-15**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Benzyl alcohol	ND	660	1	B5H0470	08/18/2015	08/20/15 19:31	
bis(2-chloroethoxy)methane	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
bis(2-Chloroethyl)ether	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
bis(2-chloroisopropyl)ether	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
bis(2-ethylhexyl)phthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
Butylbenzylphthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
Chrysene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
Di-n-butylphthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
Di-n-octylphthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
Dibenz(a,h)anthracene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
Dibenzofuran	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
Diethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
Dimethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
Fluoranthene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
Fluorene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
Hexachlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
Hexachlorobutadiene	ND	660	1	B5H0470	08/18/2015	08/20/15 19:31	
Hexachlorocyclopentadiene	ND	660	1	B5H0470	08/18/2015	08/20/15 19:31	
Hexachloroethane	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
Indeno(1,2,3-cd)pyrene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
Isophorone	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
N-Nitroso-di-n propylamine	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
N-Nitrosodiphenylamine	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
Naphthalene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
Nitrobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
Pentachlorophenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 19:31	
Phenanthrene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
Phenol	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
Pyrene	ND	330	1	B5H0470	08/18/2015	08/20/15 19:31	
Pyridine	ND	1600	1	B5H0470	08/18/2015	08/20/15 19:31	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	76.1 %	24 - 114		B5H0470	08/18/2015	08/20/15 19:31	
<i>Surrogate: 2,4,6-Tribromophenol</i>	80.9 %	0 - 189		B5H0470	08/18/2015	08/20/15 19:31	
<i>Surrogate: 2-Chlorophenol-d4</i>	76.6 %	23 - 123		B5H0470	08/18/2015	08/20/15 19:31	
<i>Surrogate: 2-Fluorobiphenyl</i>	79.9 %	28 - 128		B5H0470	08/18/2015	08/20/15 19:31	
<i>Surrogate: 2-Fluorophenol</i>	75.3 %	8 - 138		B5H0470	08/18/2015	08/20/15 19:31	
<i>Surrogate: 4-Terphenyl-d14</i>	86.2 %	27 - 154		B5H0470	08/18/2015	08/20/15 19:31	
<i>Surrogate: Nitrobenzene-d5</i>	83.6 %	19 - 129		B5H0470	08/18/2015	08/20/15 19:31	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-5-5**

**Lab ID: 1502812-15**

### Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: Phenol-d5</i>	79.2 %	20 - 126		B5H0470	08/18/2015	08/20/15 19:31	



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
Report To : Scott Nunez  
Reported : 08/27/2015

**Client Sample ID B-6-1**

**Lab ID: 1502812-16**

**Title 22 Metals by ICP-AES EPA 6010B**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B5H0454	08/18/2015	08/19/15 11:05	
<b>Arsenic</b>	<b>1.9</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:05	
<b>Barium</b>	<b>84</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:05	
Beryllium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:04	
Cadmium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:05	
<b>Chromium</b>	<b>12</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:05	
<b>Cobalt</b>	<b>6.1</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:05	
<b>Copper</b>	<b>10</b>	2.0	1	B5H0454	08/18/2015	08/19/15 11:05	
<b>Lead</b>	<b>2.6</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:05	
Molybdenum	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:05	
<b>Nickel</b>	<b>8.8</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:05	
Selenium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:05	
Silver	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:05	
Thallium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:05	
<b>Vanadium</b>	<b>30</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:05	
<b>Zinc</b>	<b>34</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:05	

**Mercury by AA (Cold Vapor) EPA 7471A**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	1	B5H0456	08/18/2015	08/19/15 13:18	

**Gasoline Range Organics by EPA 8015B (Modified)**

**Analyst: BT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B5H0652	08/14/2015	08/24/15 21:00	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>67.2 %</i>	<i>37 - 153</i>		B5H0652	08/14/2015	<i>08/24/15 21:00</i>	

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<b>DRO</b>	<b>21</b>	10	1	B5H0543	08/20/2015	08/26/15 13:05	
<b>ORO</b>	<b>63</b>	10	1	B5H0543	08/20/2015	08/26/15 13:05	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-6-1**

**Lab ID: 1502812-16**

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: p-Terphenyl</i>	104 %	49 - 142		B5H0543	08/20/2015	08/26/15 13:05	

**Organochlorine Pesticides by EPA 8081**

**Analyst: CL**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B5H0559	08/20/2015	08/21/15 11:18	
4,4'-DDE	ND	2.0	1	B5H0559	08/20/2015	08/21/15 11:18	
4,4'-DDT	ND	2.0	1	B5H0559	08/20/2015	08/21/15 11:18	
Aldrin	ND	1.0	1	B5H0559	08/20/2015	08/21/15 11:18	
alpha-BHC	ND	1.0	1	B5H0559	08/20/2015	08/21/15 11:18	
alpha-Chlordane	ND	1.0	1	B5H0559	08/20/2015	08/21/15 11:18	
beta-BHC	ND	1.0	1	B5H0559	08/20/2015	08/21/15 11:18	
Chlordane	ND	8.5	1	B5H0559	08/20/2015	08/21/15 11:18	
delta-BHC	ND	1.0	1	B5H0559	08/20/2015	08/21/15 11:18	
Dieldrin	ND	2.0	1	B5H0559	08/20/2015	08/21/15 11:18	
Endosulfan I	ND	1.0	1	B5H0559	08/20/2015	08/21/15 11:18	
Endosulfan II	ND	2.0	1	B5H0559	08/20/2015	08/21/15 11:18	
Endosulfan sulfate	ND	2.0	1	B5H0559	08/20/2015	08/21/15 11:18	
Endrin	ND	2.0	1	B5H0559	08/20/2015	08/21/15 11:18	
Endrin aldehyde	ND	2.0	1	B5H0559	08/20/2015	08/21/15 11:18	
Endrin ketone	ND	2.0	1	B5H0559	08/20/2015	08/21/15 11:18	
gamma-BHC	ND	1.0	1	B5H0559	08/20/2015	08/21/15 11:18	
gamma-Chlordane	ND	1.0	1	B5H0559	08/20/2015	08/21/15 11:18	
Heptachlor	ND	1.0	1	B5H0559	08/20/2015	08/21/15 11:18	
Heptachlor epoxide	ND	1.0	1	B5H0559	08/20/2015	08/21/15 11:18	
Methoxychlor	ND	5.0	1	B5H0559	08/20/2015	08/21/15 11:18	
Toxaphene	ND	50	1	B5H0559	08/20/2015	08/21/15 11:18	
<i>Surrogate: Decachlorobiphenyl</i>	69.4 %	16 - 137		B5H0559	08/20/2015	08/21/15 11:18	
<i>Surrogate: Tetrachloro-m-xylene</i>	67.5 %	16 - 105		B5H0559	08/20/2015	08/21/15 11:18	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-6-1**

**Lab ID: 1502812-16**

## Volatile Organic Compounds by EPA 8260B

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
1,1,1-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
1,1,2-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
1,1-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
1,1-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
1,1-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
1,2,3-Trichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
1,2,3-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
1,2,4-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
1,2,4-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
1,2-Dibromo-3-chloropropane	ND	10	1	B5H0447	08/18/2015	08/18/15 11:54	
1,2-Dibromoethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
1,2-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
1,2-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
1,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
1,3,5-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
1,3-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
1,3-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
1,4-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
2,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
2-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
4-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
4-Isopropyltoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
Benzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
Bromobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
Bromodichloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
Bromoform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
Bromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
Carbon tetrachloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
Chlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
Chloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
Chloroform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
Chloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
cis-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
cis-1,3-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
Dibromochloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	





## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-6-1**  
**Lab ID: 1502812-16**

### Volatile Organic Compounds by EPA 8260B

Analyst: AG

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Dibromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
Dichlorodifluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
Ethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
Hexachlorobutadiene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
Isopropylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
m,p-Xylene	ND	10	1	B5H0447	08/18/2015	08/18/15 11:54	
Methylene chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
n-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
n-Propylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
Naphthalene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
o-Xylene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
sec-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
Styrene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
tert-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
Tetrachloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
Toluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
trans-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
Trichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
Trichlorofluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
Vinyl chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 11:54	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>80.0 %</i>	<i>20 - 189</i>		B5H0447	08/18/2015	<i>08/18/15 11:54</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>108 %</i>	<i>20 - 173</i>		B5H0447	08/18/2015	<i>08/18/15 11:54</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>97.9 %</i>	<i>26 - 178</i>		B5H0447	08/18/2015	<i>08/18/15 11:54</i>	
<i>Surrogate: Toluene-d8</i>	<i>81.5 %</i>	<i>31 - 166</i>		B5H0447	08/18/2015	<i>08/18/15 11:54</i>	



# Certificate of Analysis

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 Burbank , CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-6-1**

**Lab ID: 1502812-16**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
1,2-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
1,3-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
1,4-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
2,4,5-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
2,4,6-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
2,4-Dichlorophenol	ND	1600	1	B5H0470	08/18/2015	08/21/15 02:29	
2,4-Dimethylphenol	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
2,4-Dinitrophenol	ND	1600	1	B5H0470	08/18/2015	08/21/15 02:29	
2,4-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
2,6-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
2-Chloronaphthalene	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
2-Chlorophenol	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
2-Methylnaphthalene	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
2-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
2-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/21/15 02:29	
2-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
3,3'-Dichlorobenzidine	ND	660	1	B5H0470	08/18/2015	08/21/15 02:29	
3-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/21/15 02:29	
4,6-Dinitro-2-methylphenol	ND	1600	1	B5H0470	08/18/2015	08/21/15 02:29	
4-Bromophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
4-Chloro-3-methylphenol	ND	660	1	B5H0470	08/18/2015	08/21/15 02:29	
4-Chloroaniline	ND	660	1	B5H0470	08/18/2015	08/21/15 02:29	
4-Chlorophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
4-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
4-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/21/15 02:29	
4-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
Acenaphthene	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
Acenaphthylene	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
Anthracene	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
Benzidine (M)	ND	1600	1	B5H0470	08/18/2015	08/21/15 02:29	
Benzo(a)anthracene	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
Benzo(a)pyrene	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
Benzo(b)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
Benzo(g,h,i)perylene	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
Benzo(k)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
Benzoic acid	ND	1600	1	B5H0470	08/18/2015	08/21/15 02:29	



# Certificate of Analysis

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 Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-6-1**  
**Lab ID: 1502812-16**

## Semivolatile Organic Compounds by EPA 8270C

Analyst: BD

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Benzyl alcohol	ND	660	1	B5H0470	08/18/2015	08/21/15 02:29	
bis(2-chloroethoxy)methane	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
bis(2-Chloroethyl)ether	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
bis(2-chloroisopropyl)ether	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
bis(2-ethylhexyl)phthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
Butylbenzylphthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
Chrysene	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
Di-n-butylphthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
Di-n-octylphthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
Dibenz(a,h)anthracene	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
Dibenzofuran	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
Diethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
Dimethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
Fluoranthene	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
Fluorene	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
Hexachlorobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
Hexachlorobutadiene	ND	660	1	B5H0470	08/18/2015	08/21/15 02:29	
Hexachlorocyclopentadiene	ND	660	1	B5H0470	08/18/2015	08/21/15 02:29	
Hexachloroethane	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
Indeno(1,2,3-cd)pyrene	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
Isophorone	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
N-Nitroso-di-n propylamine	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
N-Nitrosodiphenylamine	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
Naphthalene	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
Nitrobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
Pentachlorophenol	ND	1600	1	B5H0470	08/18/2015	08/21/15 02:29	
Phenanthrene	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
Phenol	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
Pyrene	ND	330	1	B5H0470	08/18/2015	08/21/15 02:29	
Pyridine	ND	1600	1	B5H0470	08/18/2015	08/21/15 02:29	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>75.2 %</i>	<i>24 - 114</i>		B5H0470	08/18/2015	<i>08/21/15 02:29</i>	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>78.0 %</i>	<i>0 - 189</i>		B5H0470	08/18/2015	<i>08/21/15 02:29</i>	
<i>Surrogate: 2-Chlorophenol-d4</i>	<i>80.6 %</i>	<i>23 - 123</i>		B5H0470	08/18/2015	<i>08/21/15 02:29</i>	
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>78.1 %</i>	<i>28 - 128</i>		B5H0470	08/18/2015	<i>08/21/15 02:29</i>	
<i>Surrogate: 2-Fluorophenol</i>	<i>80.1 %</i>	<i>8 - 138</i>		B5H0470	08/18/2015	<i>08/21/15 02:29</i>	
<i>Surrogate: 4-Terphenyl-d14</i>	<i>82.7 %</i>	<i>27 - 154</i>		B5H0470	08/18/2015	<i>08/21/15 02:29</i>	
<i>Surrogate: Nitrobenzene-d5</i>	<i>87.0 %</i>	<i>19 - 129</i>		B5H0470	08/18/2015	<i>08/21/15 02:29</i>	



### Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
Report To : Scott Nunez  
Reported : 08/27/2015

**Client Sample ID B-6-1**  
**Lab ID: 1502812-16**

#### Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: Phenol-d5</i>	83.2 %	20 - 126		B5H0470	08/18/2015	08/21/15 02:29	



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
Report To : Scott Nunez  
Reported : 08/27/2015

**Client Sample ID B-6-2**

**Lab ID: 1502812-17**

**Title 22 Metals by ICP-AES EPA 6010B**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B5H0454	08/18/2015	08/19/15 11:09	
<b>Arsenic</b>	<b>2.5</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:09	
<b>Barium</b>	<b>130</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:09	
Beryllium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:08	
Cadmium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:09	
<b>Chromium</b>	<b>15</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:09	
<b>Cobalt</b>	<b>8.5</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:09	
<b>Copper</b>	<b>12</b>	2.0	1	B5H0454	08/18/2015	08/19/15 11:09	
<b>Lead</b>	<b>3.8</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:09	
Molybdenum	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:09	
<b>Nickel</b>	<b>12</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:09	
Selenium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:09	
Silver	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:09	
Thallium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:09	
<b>Vanadium</b>	<b>37</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:09	
<b>Zinc</b>	<b>32</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:09	

**Mercury by AA (Cold Vapor) EPA 7471A**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	1	B5H0456	08/18/2015	08/19/15 13:20	

**Gasoline Range Organics by EPA 8015B (Modified)**

**Analyst: BT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B5H0652	08/14/2015	08/24/15 21:16	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>78.1 %</i>	<i>37 - 153</i>		B5H0652	08/14/2015	<i>08/24/15 21:16</i>	

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	ND	10	1	B5H0543	08/20/2015	08/26/15 12:52	
<b>ORO</b>	<b>12</b>	10	1	B5H0543	08/20/2015	08/26/15 12:52	



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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

## Client Sample ID B-6-2

Lab ID: 1502812-17

### Diesel Range Organics by EPA 8015B

Analyst: CR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: p-Terphenyl	98.5 %	49 - 142		B5H0543	08/20/2015	08/26/15 12:52	

### Volatile Organic Compounds by EPA 8260B

Analyst: AG

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
1,1,1-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
1,1,2-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
1,1-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
1,1-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
1,1-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
1,2,3-Trichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
1,2,3-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
1,2,4-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
1,2,4-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
1,2-Dibromo-3-chloropropane	ND	10	1	B5H0447	08/18/2015	08/18/15 12:13	
1,2-Dibromoethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
1,2-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
1,2-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
1,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
1,3,5-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
1,3-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
1,3-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
1,4-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
2,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
2-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
4-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
4-Isopropyltoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
Benzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
Bromobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
Bromodichloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
Bromoform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
Bromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
Carbon tetrachloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
Chlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	



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Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-6-2**

**Lab ID: 1502812-17**

### Volatile Organic Compounds by EPA 8260B

Analyst: AG

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
Chloroform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
Chloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
cis-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
cis-1,3-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
Dibromochloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
Dibromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
Dichlorodifluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
Ethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
Hexachlorobutadiene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
Isopropylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
m,p-Xylene	ND	10	1	B5H0447	08/18/2015	08/18/15 12:13	
Methylene chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
n-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
n-Propylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
Naphthalene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
o-Xylene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
sec-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
Styrene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
tert-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
Tetrachloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
Toluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
trans-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
Trichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
Trichlorofluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
Vinyl chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:13	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>84.8 %</i>	<i>20 - 189</i>		B5H0447	08/18/2015	<i>08/18/15 12:13</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>111 %</i>	<i>20 - 173</i>		B5H0447	08/18/2015	<i>08/18/15 12:13</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>101 %</i>	<i>26 - 178</i>		B5H0447	08/18/2015	<i>08/18/15 12:13</i>	
<i>Surrogate: Toluene-d8</i>	<i>89.0 %</i>	<i>31 - 166</i>		B5H0447	08/18/2015	<i>08/18/15 12:13</i>	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-6-2**

**Lab ID: 1502812-17**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
1,2-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
1,3-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
1,4-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
2,4,5-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
2,4,6-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
2,4-Dichlorophenol	ND	1600	1	B5H0470	08/18/2015	08/21/15 00:11	
2,4-Dimethylphenol	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
2,4-Dinitrophenol	ND	1600	1	B5H0470	08/18/2015	08/21/15 00:11	
2,4-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
2,6-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
2-Chloronaphthalene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
2-Chlorophenol	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
2-Methylnaphthalene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
2-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
2-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/21/15 00:11	
2-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
3,3'-Dichlorobenzidine	ND	660	1	B5H0470	08/18/2015	08/21/15 00:11	
3-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/21/15 00:11	
4,6-Dinitro-2-methylphenol	ND	1600	1	B5H0470	08/18/2015	08/21/15 00:11	
4-Bromophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
4-Chloro-3-methylphenol	ND	660	1	B5H0470	08/18/2015	08/21/15 00:11	
4-Chloroaniline	ND	660	1	B5H0470	08/18/2015	08/21/15 00:11	
4-Chlorophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
4-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
4-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/21/15 00:11	
4-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
Acenaphthene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
Acenaphthylene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
Anthracene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
Benzidine (M)	ND	1600	1	B5H0470	08/18/2015	08/21/15 00:11	
Benzo(a)anthracene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
Benzo(a)pyrene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
Benzo(b)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
Benzo(g,h,i)perylene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
Benzo(k)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
Benzoic acid	ND	1600	1	B5H0470	08/18/2015	08/21/15 00:11	





# Certificate of Analysis

Geocon West, Inc.  
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 Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-6-2**  
**Lab ID: 1502812-17**

## Semivolatile Organic Compounds by EPA 8270C

Analyst: BD

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Benzyl alcohol	ND	660	1	B5H0470	08/18/2015	08/21/15 00:11	
bis(2-chloroethoxy)methane	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
bis(2-Chloroethyl)ether	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
bis(2-chloroisopropyl)ether	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
bis(2-ethylhexyl)phthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
Butylbenzylphthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
Chrysene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
Di-n-butylphthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
Di-n-octylphthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
Dibenz(a,h)anthracene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
Dibenzofuran	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
Diethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
Dimethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
Fluoranthene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
Fluorene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
Hexachlorobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
Hexachlorobutadiene	ND	660	1	B5H0470	08/18/2015	08/21/15 00:11	
Hexachlorocyclopentadiene	ND	660	1	B5H0470	08/18/2015	08/21/15 00:11	
Hexachloroethane	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
Indeno(1,2,3-cd)pyrene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
Isophorone	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
N-Nitroso-di-n propylamine	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
N-Nitrosodiphenylamine	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
Naphthalene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
Nitrobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
Pentachlorophenol	ND	1600	1	B5H0470	08/18/2015	08/21/15 00:11	
Phenanthrene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
Phenol	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
Pyrene	ND	330	1	B5H0470	08/18/2015	08/21/15 00:11	
Pyridine	ND	1600	1	B5H0470	08/18/2015	08/21/15 00:11	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>73.8 %</i>	<i>24 - 114</i>		B5H0470	08/18/2015	<i>08/21/15 00:11</i>	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>82.6 %</i>	<i>0 - 189</i>		B5H0470	08/18/2015	<i>08/21/15 00:11</i>	
<i>Surrogate: 2-Chlorophenol-d4</i>	<i>81.1 %</i>	<i>23 - 123</i>		B5H0470	08/18/2015	<i>08/21/15 00:11</i>	
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>75.8 %</i>	<i>28 - 128</i>		B5H0470	08/18/2015	<i>08/21/15 00:11</i>	
<i>Surrogate: 2-Fluorophenol</i>	<i>80.0 %</i>	<i>8 - 138</i>		B5H0470	08/18/2015	<i>08/21/15 00:11</i>	
<i>Surrogate: 4-Terphenyl-d14</i>	<i>84.6 %</i>	<i>27 - 154</i>		B5H0470	08/18/2015	<i>08/21/15 00:11</i>	
<i>Surrogate: Nitrobenzene-d5</i>	<i>88.0 %</i>	<i>19 - 129</i>		B5H0470	08/18/2015	<i>08/21/15 00:11</i>	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank , CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-6-2**

**Lab ID: 1502812-17**

### Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: Phenol-d5</i>	83.3 %	20 - 126		B5H0470	08/18/2015	08/21/15 00:11	



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
Report To : Scott Nunez  
Reported : 08/27/2015

**Client Sample ID B-6-5**

**Lab ID: 1502812-18**

### Title 22 Metals by ICP-AES EPA 6010B

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B5H0454	08/18/2015	08/19/15 11:19	
Arsenic	2.7	1.0	1	B5H0454	08/18/2015	08/19/15 11:19	
Barium	130	1.0	1	B5H0454	08/18/2015	08/19/15 11:19	
Beryllium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:18	
Cadmium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:19	
Chromium	15	1.0	1	B5H0454	08/18/2015	08/19/15 11:19	
Cobalt	6.6	1.0	1	B5H0454	08/18/2015	08/19/15 11:19	
Copper	12	2.0	1	B5H0454	08/18/2015	08/19/15 11:19	
Lead	3.0	1.0	1	B5H0454	08/18/2015	08/19/15 11:19	
Molybdenum	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:19	
Nickel	11	1.0	1	B5H0454	08/18/2015	08/19/15 11:19	
Selenium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:19	
Silver	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:19	
Thallium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:19	
Vanadium	37	1.0	1	B5H0454	08/18/2015	08/19/15 11:19	
Zinc	34	1.0	1	B5H0454	08/18/2015	08/19/15 11:19	

### Mercury by AA (Cold Vapor) EPA 7471A

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	1	B5H0456	08/18/2015	08/19/15 13:22	

### Gasoline Range Organics by EPA 8015B (Modified)

**Analyst: BT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B5H0652	08/14/2015	08/24/15 21:32	
Surrogate: 4-Bromofluorobenzene	70.5 %	37 - 153		B5H0652	08/14/2015	08/24/15 21:32	

### Diesel Range Organics by EPA 8015B

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	ND	10	1	B5H0543	08/20/2015	08/26/15 11:58	
ORO	ND	10	1	B5H0543	08/20/2015	08/26/15 11:58	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-6-5**

**Lab ID: 1502812-18**

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: p-Terphenyl	127 %	49 - 142		B5H0543	08/20/2015	08/26/15 11:58	

**Volatile Organic Compounds by EPA 8260B**

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
1,1,1-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
1,1,2-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
1,1-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
1,1-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
1,1-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
1,2,3-Trichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
1,2,3-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
1,2,4-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
1,2,4-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
1,2-Dibromo-3-chloropropane	ND	10	1	B5H0447	08/18/2015	08/18/15 12:31	
1,2-Dibromoethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
1,2-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
1,2-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
1,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
1,3,5-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
1,3-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
1,3-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
1,4-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
2,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
2-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
4-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
4-Isopropyltoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
Benzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
Bromobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
Bromodichloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
Bromoform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
Bromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
Carbon tetrachloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
Chlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-6-5**

**Lab ID: 1502812-18**

## Volatile Organic Compounds by EPA 8260B

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
Chloroform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
Chloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
cis-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
cis-1,3-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
Dibromochloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
Dibromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
Dichlorodifluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
Ethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
Hexachlorobutadiene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
Isopropylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
m,p-Xylene	ND	10	1	B5H0447	08/18/2015	08/18/15 12:31	
Methylene chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
n-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
n-Propylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
Naphthalene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
o-Xylene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
sec-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
Styrene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
tert-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
Tetrachloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
Toluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
trans-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
Trichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
Trichlorofluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
Vinyl chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:31	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>93.6 %</i>	<i>20 - 189</i>		B5H0447	08/18/2015	<i>08/18/15 12:31</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>106 %</i>	<i>20 - 173</i>		B5H0447	08/18/2015	<i>08/18/15 12:31</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>102 %</i>	<i>26 - 178</i>		B5H0447	08/18/2015	<i>08/18/15 12:31</i>	
<i>Surrogate: Toluene-d8</i>	<i>87.7 %</i>	<i>31 - 166</i>		B5H0447	08/18/2015	<i>08/18/15 12:31</i>	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-6-5**

**Lab ID: 1502812-18**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
1,2-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
1,3-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
1,4-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
2,4,5-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
2,4,6-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
2,4-Dichlorophenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 20:27	
2,4-Dimethylphenol	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
2,4-Dinitrophenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 20:27	
2,4-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
2,6-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
2-Chloronaphthalene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
2-Chlorophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
2-Methylnaphthalene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
2-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
2-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/20/15 20:27	
2-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
3,3'-Dichlorobenzidine	ND	660	1	B5H0470	08/18/2015	08/20/15 20:27	
3-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/20/15 20:27	
4,6-Dinitro-2-methylphenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 20:27	
4-Bromophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
4-Chloro-3-methylphenol	ND	660	1	B5H0470	08/18/2015	08/20/15 20:27	
4-Chloroaniline	ND	660	1	B5H0470	08/18/2015	08/20/15 20:27	
4-Chlorophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
4-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
4-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/20/15 20:27	
4-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
Acenaphthene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
Acenaphthylene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
Anthracene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
Benzidine (M)	ND	1600	1	B5H0470	08/18/2015	08/20/15 20:27	
Benzo(a)anthracene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
Benzo(a)pyrene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
Benzo(b)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
Benzo(g,h,i)perylene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
Benzo(k)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
Benzoic acid	ND	1600	1	B5H0470	08/18/2015	08/20/15 20:27	



# Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-6-5**

**Lab ID: 1502812-18**

## Semivolatile Organic Compounds by EPA 8270C

Analyst: BD

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Benzyl alcohol	ND	660	1	B5H0470	08/18/2015	08/20/15 20:27	
bis(2-chloroethoxy)methane	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
bis(2-Chloroethyl)ether	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
bis(2-chloroisopropyl)ether	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
bis(2-ethylhexyl)phthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
Butylbenzylphthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
Chrysene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
Di-n-butylphthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
Di-n-octylphthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
Dibenz(a,h)anthracene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
Dibenzofuran	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
Diethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
Dimethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
Fluoranthene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
Fluorene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
Hexachlorobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
Hexachlorobutadiene	ND	660	1	B5H0470	08/18/2015	08/20/15 20:27	
Hexachlorocyclopentadiene	ND	660	1	B5H0470	08/18/2015	08/20/15 20:27	
Hexachloroethane	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
Indeno(1,2,3-cd)pyrene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
Isophorone	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
N-Nitroso-di-n propylamine	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
N-Nitrosodiphenylamine	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
Naphthalene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
Nitrobenzene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
Pentachlorophenol	ND	1600	1	B5H0470	08/18/2015	08/20/15 20:27	
Phenanthrene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
Phenol	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
Pyrene	ND	330	1	B5H0470	08/18/2015	08/20/15 20:27	
Pyridine	ND	1600	1	B5H0470	08/18/2015	08/20/15 20:27	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>74.4 %</i>	<i>24 - 114</i>		B5H0470	08/18/2015	<i>08/20/15 20:27</i>	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>84.1 %</i>	<i>0 - 189</i>		B5H0470	08/18/2015	<i>08/20/15 20:27</i>	
<i>Surrogate: 2-Chlorophenol-d4</i>	<i>80.8 %</i>	<i>23 - 123</i>		B5H0470	08/18/2015	<i>08/20/15 20:27</i>	
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>78.4 %</i>	<i>28 - 128</i>		B5H0470	08/18/2015	<i>08/20/15 20:27</i>	
<i>Surrogate: 2-Fluorophenol</i>	<i>79.8 %</i>	<i>8 - 138</i>		B5H0470	08/18/2015	<i>08/20/15 20:27</i>	
<i>Surrogate: 4-Terphenyl-d14</i>	<i>86.4 %</i>	<i>27 - 154</i>		B5H0470	08/18/2015	<i>08/20/15 20:27</i>	
<i>Surrogate: Nitrobenzene-d5</i>	<i>87.4 %</i>	<i>19 - 129</i>		B5H0470	08/18/2015	<i>08/20/15 20:27</i>	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank , CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-6-5**

**Lab ID: 1502812-18**

### Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: Phenol-d5</i>	82.7 %	20 - 126		B5H0470	08/18/2015	08/20/15 20:27	





## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-7-1**

**Lab ID: 1502812-19**

**Title 22 Metals by ICP-AES EPA 6010B**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B5H0454	08/18/2015	08/19/15 11:22	
<b>Arsenic</b>	<b>2.2</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:22	
<b>Barium</b>	<b>65</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:22	
Beryllium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:21	
Cadmium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:22	
<b>Chromium</b>	<b>12</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:22	
<b>Cobalt</b>	<b>4.3</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:22	
<b>Copper</b>	<b>7.6</b>	2.0	1	B5H0454	08/18/2015	08/19/15 11:22	
<b>Lead</b>	<b>3.6</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:22	
Molybdenum	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:22	
<b>Nickel</b>	<b>16</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:22	
Selenium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:22	
Silver	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:22	
Thallium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:22	
<b>Vanadium</b>	<b>27</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:22	
<b>Zinc</b>	<b>25</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:22	

**Mercury by AA (Cold Vapor) EPA 7471A**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	1	B5H0456	08/18/2015	08/19/15 13:24	

**Gasoline Range Organics by EPA 8015B (Modified)**

**Analyst: BT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B5H0652	08/14/2015	08/24/15 21:48	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>66.2 %</i>	<i>37 - 153</i>		B5H0652	08/14/2015	<i>08/24/15 21:48</i>	

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<b>DRO</b>	<b>3700</b>	50	5	B5H0543	08/20/2015	08/26/15 14:22	
<b>ORO</b>	<b>8200</b>	50	5	B5H0543	08/20/2015	08/26/15 14:22	



# Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-7-1**

**Lab ID: 1502812-19**

## Diesel Range Organics by EPA 8015B

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: p-Terphenyl</i>	67.9 %	49 - 142		B5H0543	08/20/2015	08/26/15 14:22	

## Organochlorine Pesticides by EPA 8081

**Analyst: CL**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	20	10	B5H0559	08/20/2015	08/21/15 11:28	D1
4,4'-DDE	ND	20	10	B5H0559	08/20/2015	08/21/15 11:28	D1
4,4'-DDT	ND	20	10	B5H0559	08/20/2015	08/21/15 11:28	D1
Aldrin	ND	10	10	B5H0559	08/20/2015	08/21/15 11:28	D1
alpha-BHC	ND	10	10	B5H0559	08/20/2015	08/21/15 11:28	D1
alpha-Chlordane	ND	10	10	B5H0559	08/20/2015	08/21/15 11:28	D1
beta-BHC	ND	10	10	B5H0559	08/20/2015	08/21/15 11:28	D1
Chlordane	ND	85	10	B5H0559	08/20/2015	08/21/15 11:28	D1
delta-BHC	ND	10	10	B5H0559	08/20/2015	08/21/15 11:28	D1
Dieldrin	ND	20	10	B5H0559	08/20/2015	08/21/15 11:28	D1
Endosulfan I	ND	10	10	B5H0559	08/20/2015	08/21/15 11:28	D1
Endosulfan II	ND	20	10	B5H0559	08/20/2015	08/21/15 11:28	D1
Endosulfan sulfate	ND	20	10	B5H0559	08/20/2015	08/21/15 11:28	D1
Endrin	ND	20	10	B5H0559	08/20/2015	08/21/15 11:28	D1
Endrin aldehyde	ND	20	10	B5H0559	08/20/2015	08/21/15 11:28	D1
Endrin ketone	ND	20	10	B5H0559	08/20/2015	08/21/15 11:28	D1
gamma-BHC	ND	10	10	B5H0559	08/20/2015	08/21/15 11:28	D1
gamma-Chlordane	ND	10	10	B5H0559	08/20/2015	08/21/15 11:28	D1
Heptachlor	ND	10	10	B5H0559	08/20/2015	08/21/15 11:28	D1
Heptachlor epoxide	ND	10	10	B5H0559	08/20/2015	08/21/15 11:28	D1
Methoxychlor	ND	50	10	B5H0559	08/20/2015	08/21/15 11:28	D1
Toxaphene	ND	500	10	B5H0559	08/20/2015	08/21/15 11:28	D1
<i>Surrogate: Decachlorobiphenyl</i>	41.6 %	16 - 137		B5H0559	08/20/2015	08/21/15 11:28	D1
<i>Surrogate: Tetrachloro-m-xylene</i>	33.9 %	16 - 105		B5H0559	08/20/2015	08/21/15 11:28	D1



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-7-1**

**Lab ID: 1502812-19**

## Volatile Organic Compounds by EPA 8260B

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
1,1,1-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
1,1,2-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
1,1-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
1,1-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
1,1-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
1,2,3-Trichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
1,2,3-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
1,2,4-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
1,2,4-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
1,2-Dibromo-3-chloropropane	ND	10	1	B5H0447	08/18/2015	08/18/15 12:50	
1,2-Dibromoethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
1,2-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
1,2-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
1,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
1,3,5-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
1,3-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
1,3-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
1,4-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
2,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
2-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
4-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
4-Isopropyltoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
Benzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
Bromobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
Bromodichloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
Bromoform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
Bromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
Carbon tetrachloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
Chlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
Chloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
Chloroform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
Chloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
cis-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
cis-1,3-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
Dibromochloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	



# Certificate of Analysis

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 Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-7-1**

**Lab ID: 1502812-19**

## Volatile Organic Compounds by EPA 8260B

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Dibromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
Dichlorodifluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
Ethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
Hexachlorobutadiene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
Isopropylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
m,p-Xylene	ND	10	1	B5H0447	08/18/2015	08/18/15 12:50	
Methylene chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
n-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
n-Propylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
Naphthalene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
o-Xylene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
sec-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
Styrene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
tert-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
Tetrachloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
Toluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
trans-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
Trichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
Trichlorofluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
Vinyl chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 12:50	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>85.9 %</i>	<i>20 - 189</i>		B5H0447	08/18/2015	<i>08/18/15 12:50</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>103 %</i>	<i>20 - 173</i>		B5H0447	08/18/2015	<i>08/18/15 12:50</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>99.6 %</i>	<i>26 - 178</i>		B5H0447	08/18/2015	<i>08/18/15 12:50</i>	
<i>Surrogate: Toluene-d8</i>	<i>82.9 %</i>	<i>31 - 166</i>		B5H0447	08/18/2015	<i>08/18/15 12:50</i>	



# Certificate of Analysis

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 Burbank , CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-7-1**

**Lab ID: 1502812-19**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
1,2-Dichlorobenzene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
1,3-Dichlorobenzene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
1,4-Dichlorobenzene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
2,4,5-Trichlorophenol	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
2,4,6-Trichlorophenol	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
2,4-Dichlorophenol	ND	50000	10	B5H0470	08/18/2015	08/25/15 10:36	D7
2,4-Dimethylphenol	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
2,4-Dinitrophenol	ND	50000	10	B5H0470	08/18/2015	08/25/15 10:36	D7
2,4-Dinitrotoluene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
2,6-Dinitrotoluene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
2-Chloronaphthalene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
2-Chlorophenol	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
2-Methylnaphthalene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
2-Methylphenol	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
2-Nitroaniline	ND	50000	10	B5H0470	08/18/2015	08/25/15 10:36	D7
2-Nitrophenol	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
3,3'-Dichlorobenzidine	ND	20000	10	B5H0470	08/18/2015	08/25/15 10:36	D7
3-Nitroaniline	ND	50000	10	B5H0470	08/18/2015	08/25/15 10:36	D7
4,6-Dinitro-2-methylphenol	ND	50000	10	B5H0470	08/18/2015	08/25/15 10:36	D7
4-Bromophenyl-phenylether	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
4-Chloro-3-methylphenol	ND	20000	10	B5H0470	08/18/2015	08/25/15 10:36	D7
4-Chloroaniline	ND	20000	10	B5H0470	08/18/2015	08/25/15 10:36	D7
4-Chlorophenyl-phenylether	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
4-Methylphenol	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
4-Nitroaniline	ND	50000	10	B5H0470	08/18/2015	08/25/15 10:36	D7
4-Nitrophenol	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Acenaphthene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Acenaphthylene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Anthracene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Benzidine (M)	ND	50000	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Benzo(a)anthracene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Benzo(a)pyrene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Benzo(b)fluoranthene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Benzo(g,h,i)perylene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Benzo(k)fluoranthene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Benzoic acid	ND	50000	10	B5H0470	08/18/2015	08/25/15 10:36	D7



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-7-1**

**Lab ID: 1502812-19**

### Semivolatile Organic Compounds by EPA 8270C

Analyst: BD

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Benzyl alcohol	ND	20000	10	B5H0470	08/18/2015	08/25/15 10:36	D7
bis(2-chloroethoxy)methane	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
bis(2-Chloroethyl)ether	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
bis(2-chloroisopropyl)ether	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
bis(2-ethylhexyl)phthalate	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Butylbenzylphthalate	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Chrysene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Di-n-butylphthalate	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Di-n-octylphthalate	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Dibenz(a,h)anthracene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Dibenzofuran	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Diethyl phthalate	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Dimethyl phthalate	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Fluoranthene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Fluorene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Hexachlorobenzene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Hexachlorobutadiene	ND	20000	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Hexachlorocyclopentadiene	ND	20000	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Hexachloroethane	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Indeno(1,2,3-cd)pyrene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Isophorone	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
N-Nitroso-di-n propylamine	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
N-Nitrosodiphenylamine	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Naphthalene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Nitrobenzene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Pentachlorophenol	ND	50000	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Phenanthrene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Phenol	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Pyrene	ND	9900	10	B5H0470	08/18/2015	08/25/15 10:36	D7
Pyridine	ND	50000	10	B5H0470	08/18/2015	08/25/15 10:36	D7
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>79.8 %</i>	<i>24 - 114</i>		B5H0470	08/18/2015	<i>08/25/15 10:36</i>	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>339 %</i>	<i>0 - 189</i>		B5H0470	08/18/2015	<i>08/25/15 10:36</i>	S10
<i>Surrogate: 2-Chlorophenol-d4</i>	<i>88.2 %</i>	<i>23 - 123</i>		B5H0470	08/18/2015	<i>08/25/15 10:36</i>	
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>82.5 %</i>	<i>28 - 128</i>		B5H0470	08/18/2015	<i>08/25/15 10:36</i>	
<i>Surrogate: 2-Fluorophenol</i>	<i>84.9 %</i>	<i>8 - 138</i>		B5H0470	08/18/2015	<i>08/25/15 10:36</i>	
<i>Surrogate: 4-Terphenyl-d14</i>	<i>95.1 %</i>	<i>27 - 154</i>		B5H0470	08/18/2015	<i>08/25/15 10:36</i>	
<i>Surrogate: Nitrobenzene-d5</i>	<i>74.1 %</i>	<i>19 - 129</i>		B5H0470	08/18/2015	<i>08/25/15 10:36</i>	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank , CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-7-1**

**Lab ID: 1502812-19**

### Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: Phenol-d5</i>	<i>90.3 %</i>	<i>20 - 126</i>		B5H0470	08/18/2015	<i>08/25/15 10:36</i>	



## Certificate of Analysis

Geocon West, Inc.  
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 Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-7-2**

**Lab ID: 1502812-20**

**Title 22 Metals by ICP-AES EPA 6010B**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B5H0454	08/18/2015	08/19/15 11:26	
<b>Arsenic</b>	<b>1.4</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:26	
<b>Barium</b>	<b>55</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:26	
Beryllium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:25	
Cadmium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:26	
<b>Chromium</b>	<b>13</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:26	
<b>Cobalt</b>	<b>5.0</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:26	
<b>Copper</b>	<b>7.2</b>	2.0	1	B5H0454	08/18/2015	08/19/15 11:26	
<b>Lead</b>	<b>8.1</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:26	
Molybdenum	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:26	
<b>Nickel</b>	<b>10</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:26	
Selenium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:26	
Silver	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:26	
Thallium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:26	
<b>Vanadium</b>	<b>19</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:26	
<b>Zinc</b>	<b>25</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:26	

**Mercury by AA (Cold Vapor) EPA 7471A**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	1	B5H0456	08/18/2015	08/19/15 13:26	

**Gasoline Range Organics by EPA 8015B (Modified)**

**Analyst: BT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B5H0652	08/14/2015	08/24/15 22:04	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>63.2 %</i>	<i>37 - 153</i>		B5H0652	08/14/2015	<i>08/24/15 22:04</i>	

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<b>DRO</b>	<b>23</b>	10	1	B5H0543	08/20/2015	08/26/15 10:13	
<b>ORO</b>	<b>63</b>	10	1	B5H0543	08/20/2015	08/26/15 10:13	





## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-7-2**

**Lab ID: 1502812-20**

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: p-Terphenyl</i>	<i>107 %</i>	<i>49 - 142</i>		B5H0543	08/20/2015	<i>08/26/15 10:13</i>	

**Volatile Organic Compounds by EPA 8260B**

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
1,1,1-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
1,1,2-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
1,1-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
1,1-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
1,1-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
1,2,3-Trichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
1,2,3-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
1,2,4-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
1,2,4-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
1,2-Dibromo-3-chloropropane	ND	10	1	B5H0447	08/18/2015	08/18/15 13:09	
1,2-Dibromoethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
1,2-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
1,2-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
1,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
1,3,5-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
1,3-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
1,3-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
1,4-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
2,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
2-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
4-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
4-Isopropyltoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
Benzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
Bromobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
Bromodichloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
Bromoform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
Bromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
Carbon tetrachloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
Chlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-7-2**

**Lab ID: 1502812-20**

**Volatile Organic Compounds by EPA 8260B**

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
Chloroform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
Chloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
cis-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
cis-1,3-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
Dibromochloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
Dibromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
Dichlorodifluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
Ethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
Hexachlorobutadiene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
Isopropylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
m,p-Xylene	ND	10	1	B5H0447	08/18/2015	08/18/15 13:09	
Methylene chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
n-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
n-Propylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
Naphthalene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
o-Xylene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
sec-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
Styrene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
tert-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
Tetrachloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
Toluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
trans-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
Trichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
Trichlorofluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
Vinyl chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:09	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>79.7 %</i>	<i>20 - 189</i>		B5H0447	08/18/2015	<i>08/18/15 13:09</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>112 %</i>	<i>20 - 173</i>		B5H0447	08/18/2015	<i>08/18/15 13:09</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>94.8 %</i>	<i>26 - 178</i>		B5H0447	08/18/2015	<i>08/18/15 13:09</i>	
<i>Surrogate: Toluene-d8</i>	<i>89.1 %</i>	<i>31 - 166</i>		B5H0447	08/18/2015	<i>08/18/15 13:09</i>	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-7-2**

**Lab ID: 1502812-20**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
1,2-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
1,3-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
1,4-Dichlorobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
2,4,5-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
2,4,6-Trichlorophenol	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
2,4-Dichlorophenol	ND	1600	1	B5H0470	08/18/2015	08/21/15 16:06	
2,4-Dimethylphenol	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
2,4-Dinitrophenol	ND	1600	1	B5H0470	08/18/2015	08/21/15 16:06	
2,4-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
2,6-Dinitrotoluene	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
2-Chloronaphthalene	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
2-Chlorophenol	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
2-Methylnaphthalene	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
2-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
2-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/21/15 16:06	
2-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
3,3'-Dichlorobenzidine	ND	660	1	B5H0470	08/18/2015	08/21/15 16:06	
3-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/21/15 16:06	
4,6-Dinitro-2-methylphenol	ND	1600	1	B5H0470	08/18/2015	08/21/15 16:06	
4-Bromophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
4-Chloro-3-methylphenol	ND	660	1	B5H0470	08/18/2015	08/21/15 16:06	
4-Chloroaniline	ND	660	1	B5H0470	08/18/2015	08/21/15 16:06	
4-Chlorophenyl-phenylether	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
4-Methylphenol	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
4-Nitroaniline	ND	1600	1	B5H0470	08/18/2015	08/21/15 16:06	
4-Nitrophenol	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
Acenaphthene	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
Acenaphthylene	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
Anthracene	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
Benzidine (M)	ND	1600	1	B5H0470	08/18/2015	08/21/15 16:06	
Benzo(a)anthracene	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
Benzo(a)pyrene	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
Benzo(b)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
Benzo(g,h,i)perylene	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
Benzo(k)fluoranthene	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
Benzoic acid	ND	1600	1	B5H0470	08/18/2015	08/21/15 16:06	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-7-2**

**Lab ID: 1502812-20**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Benzyl alcohol	ND	660	1	B5H0470	08/18/2015	08/21/15 16:06	
bis(2-chloroethoxy)methane	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
bis(2-Chloroethyl)ether	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
bis(2-chloroisopropyl)ether	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
bis(2-ethylhexyl)phthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
Butylbenzylphthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
Chrysene	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
Di-n-butylphthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
Di-n-octylphthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
Dibenz(a,h)anthracene	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
Dibenzofuran	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
Diethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
Dimethyl phthalate	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
Fluoranthene	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
Fluorene	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
Hexachlorobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
Hexachlorobutadiene	ND	660	1	B5H0470	08/18/2015	08/21/15 16:06	
Hexachlorocyclopentadiene	ND	660	1	B5H0470	08/18/2015	08/21/15 16:06	
Hexachloroethane	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
Indeno(1,2,3-cd)pyrene	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
Isophorone	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
N-Nitroso-di-n propylamine	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
N-Nitrosodiphenylamine	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
Naphthalene	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
Nitrobenzene	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
Pentachlorophenol	ND	1600	1	B5H0470	08/18/2015	08/21/15 16:06	
Phenanthrene	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
Phenol	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
Pyrene	ND	330	1	B5H0470	08/18/2015	08/21/15 16:06	
Pyridine	ND	1600	1	B5H0470	08/18/2015	08/21/15 16:06	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>78.9 %</i>	<i>24 - 114</i>		B5H0470	08/18/2015	<i>08/21/15 16:06</i>	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>94.3 %</i>	<i>0 - 189</i>		B5H0470	08/18/2015	<i>08/21/15 16:06</i>	
<i>Surrogate: 2-Chlorophenol-d4</i>	<i>77.7 %</i>	<i>23 - 123</i>		B5H0470	08/18/2015	<i>08/21/15 16:06</i>	
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>86.0 %</i>	<i>28 - 128</i>		B5H0470	08/18/2015	<i>08/21/15 16:06</i>	
<i>Surrogate: 2-Fluorophenol</i>	<i>77.2 %</i>	<i>8 - 138</i>		B5H0470	08/18/2015	<i>08/21/15 16:06</i>	
<i>Surrogate: 4-Terphenyl-d14</i>	<i>87.3 %</i>	<i>27 - 154</i>		B5H0470	08/18/2015	<i>08/21/15 16:06</i>	
<i>Surrogate: Nitrobenzene-d5</i>	<i>88.7 %</i>	<i>19 - 129</i>		B5H0470	08/18/2015	<i>08/21/15 16:06</i>	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank , CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-7-2**

**Lab ID: 1502812-20**

### Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: Phenol-d5</i>	79.6 %	20 - 126		B5H0470	08/18/2015	08/21/15 16:06	



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
Report To : Scott Nunez  
Reported : 08/27/2015

**Client Sample ID B-7-5**

**Lab ID: 1502812-21**

**Title 22 Metals by ICP-AES EPA 6010B**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B5H0454	08/18/2015	08/19/15 11:30	
<b>Arsenic</b>	<b>1.4</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:30	
<b>Barium</b>	<b>66</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:29	
Beryllium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:29	
Cadmium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:30	
<b>Chromium</b>	<b>13</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:29	
<b>Cobalt</b>	<b>3.9</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:30	
<b>Copper</b>	<b>6.9</b>	2.0	1	B5H0454	08/18/2015	08/19/15 11:29	
<b>Lead</b>	<b>2.0</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:30	
Molybdenum	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:30	
<b>Nickel</b>	<b>7.7</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:30	
Selenium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:30	
Silver	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:29	
Thallium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:30	
<b>Vanadium</b>	<b>18</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:29	
<b>Zinc</b>	<b>21</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:29	

**Mercury by AA (Cold Vapor) EPA 7471A**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	1	B5H0456	08/18/2015	08/19/15 13:28	

**Gasoline Range Organics by EPA 8015B (Modified)**

**Analyst: BT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B5H0652	08/14/2015	08/24/15 22:20	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>66.4 %</i>	<i>37 - 153</i>		B5H0652	08/14/2015	<i>08/24/15 22:20</i>	

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	ND	10	1	B5H0544	08/20/2015	08/25/15 09:21	
ORO	ND	10	1	B5H0544	08/20/2015	08/25/15 09:21	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-7-5**

**Lab ID: 1502812-21**

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: p-Terphenyl	70.1 %	49 - 142		B5H0544	08/20/2015	08/25/15 09:21	

**Volatile Organic Compounds by EPA 8260B**

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
1,1,1-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
1,1,2-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
1,1-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
1,1-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
1,1-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
1,2,3-Trichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
1,2,3-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
1,2,4-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
1,2,4-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
1,2-Dibromo-3-chloropropane	ND	10	1	B5H0447	08/18/2015	08/18/15 13:27	
1,2-Dibromoethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
1,2-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
1,2-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
1,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
1,3,5-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
1,3-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
1,3-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
1,4-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
2,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
2-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
4-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
4-Isopropyltoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
Benzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
Bromobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
Bromodichloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
Bromoform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
Bromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
Carbon tetrachloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
Chlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-7-5**

**Lab ID: 1502812-21**

**Volatile Organic Compounds by EPA 8260B**

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
Chloroform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
Chloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
cis-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
cis-1,3-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
Dibromochloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
Dibromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
Dichlorodifluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
Ethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
Hexachlorobutadiene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
Isopropylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
m,p-Xylene	ND	10	1	B5H0447	08/18/2015	08/18/15 13:27	
Methylene chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
n-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
n-Propylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
Naphthalene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
o-Xylene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
sec-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
Styrene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
tert-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
Tetrachloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
Toluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
trans-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
Trichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
Trichlorofluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
Vinyl chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:27	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>82.4 %</i>	<i>20 - 189</i>		B5H0447	08/18/2015	<i>08/18/15 13:27</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>104 %</i>	<i>20 - 173</i>		B5H0447	08/18/2015	<i>08/18/15 13:27</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>97.0 %</i>	<i>26 - 178</i>		B5H0447	08/18/2015	<i>08/18/15 13:27</i>	
<i>Surrogate: Toluene-d8</i>	<i>81.9 %</i>	<i>31 - 166</i>		B5H0447	08/18/2015	<i>08/18/15 13:27</i>	





# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-7-5**

**Lab ID: 1502812-21**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
1,2-Dichlorobenzene	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
1,3-Dichlorobenzene	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
1,4-Dichlorobenzene	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
2,4,5-Trichlorophenol	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
2,4,6-Trichlorophenol	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
2,4-Dichlorophenol	ND	1600	1	B5H0488	08/19/2015	08/21/15 16:34	
2,4-Dimethylphenol	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
2,4-Dinitrophenol	ND	1600	1	B5H0488	08/19/2015	08/21/15 16:34	
2,4-Dinitrotoluene	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
2,6-Dinitrotoluene	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
2-Chloronaphthalene	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
2-Chlorophenol	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
2-Methylnaphthalene	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
2-Methylphenol	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
2-Nitroaniline	ND	1600	1	B5H0488	08/19/2015	08/21/15 16:34	
2-Nitrophenol	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
3,3'-Dichlorobenzidine	ND	660	1	B5H0488	08/19/2015	08/21/15 16:34	
3-Nitroaniline	ND	1600	1	B5H0488	08/19/2015	08/21/15 16:34	
4,6-Dinitro-2-methylphenol	ND	1600	1	B5H0488	08/19/2015	08/21/15 16:34	
4-Bromophenyl-phenylether	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
4-Chloro-3-methylphenol	ND	660	1	B5H0488	08/19/2015	08/21/15 16:34	
4-Chloroaniline	ND	660	1	B5H0488	08/19/2015	08/21/15 16:34	
4-Chlorophenyl-phenylether	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
4-Methylphenol	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
4-Nitroaniline	ND	1600	1	B5H0488	08/19/2015	08/21/15 16:34	
4-Nitrophenol	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
Acenaphthene	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
Acenaphthylene	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
Anthracene	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
Benzidine (M)	ND	1600	1	B5H0488	08/19/2015	08/21/15 16:34	
Benzo(a)anthracene	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
Benzo(a)pyrene	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
Benzo(b)fluoranthene	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
Benzo(g,h,i)perylene	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
Benzo(k)fluoranthene	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
Benzoic acid	ND	1600	1	B5H0488	08/19/2015	08/21/15 16:34	



# Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-7-5**

**Lab ID: 1502812-21**

## Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Benzyl alcohol	ND	660	1	B5H0488	08/19/2015	08/21/15 16:34	
bis(2-chloroethoxy)methane	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
bis(2-Chloroethyl)ether	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
bis(2-chloroisopropyl)ether	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
bis(2-ethylhexyl)phthalate	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
Butylbenzylphthalate	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
Chrysene	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
Di-n-butylphthalate	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
Di-n-octylphthalate	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
Dibenz(a,h)anthracene	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
Dibenzofuran	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
Diethyl phthalate	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
Dimethyl phthalate	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
Fluoranthene	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
Fluorene	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
Hexachlorobenzene	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
Hexachlorobutadiene	ND	660	1	B5H0488	08/19/2015	08/21/15 16:34	
Hexachlorocyclopentadiene	ND	660	1	B5H0488	08/19/2015	08/21/15 16:34	
Hexachloroethane	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
Indeno(1,2,3-cd)pyrene	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
Isophorone	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
N-Nitroso-di-n propylamine	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
N-Nitrosodiphenylamine	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
Naphthalene	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
Nitrobenzene	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
Pentachlorophenol	ND	1600	1	B5H0488	08/19/2015	08/21/15 16:34	
Phenanthrene	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
Phenol	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
Pyrene	ND	330	1	B5H0488	08/19/2015	08/21/15 16:34	
Pyridine	ND	1600	1	B5H0488	08/19/2015	08/21/15 16:34	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>68.6 %</i>	<i>24 - 114</i>		B5H0488	08/19/2015	<i>08/21/15 16:34</i>	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>94.5 %</i>	<i>0 - 189</i>		B5H0488	08/19/2015	<i>08/21/15 16:34</i>	
<i>Surrogate: 2-Chlorophenol-d4</i>	<i>72.3 %</i>	<i>23 - 123</i>		B5H0488	08/19/2015	<i>08/21/15 16:34</i>	
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>77.5 %</i>	<i>28 - 128</i>		B5H0488	08/19/2015	<i>08/21/15 16:34</i>	
<i>Surrogate: 2-Fluorophenol</i>	<i>70.2 %</i>	<i>8 - 138</i>		B5H0488	08/19/2015	<i>08/21/15 16:34</i>	
<i>Surrogate: 4-Terphenyl-d14</i>	<i>85.4 %</i>	<i>27 - 154</i>		B5H0488	08/19/2015	<i>08/21/15 16:34</i>	
<i>Surrogate: Nitrobenzene-d5</i>	<i>80.6 %</i>	<i>19 - 129</i>		B5H0488	08/19/2015	<i>08/21/15 16:34</i>	



### Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
Report To : Scott Nunez  
Reported : 08/27/2015

**Client Sample ID B-7-5**

**Lab ID: 1502812-21**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: Phenol-d5</i>	75.4 %	20 - 126		B5H0488	08/19/2015	08/21/15 16:34	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-8-1**

**Lab ID: 1502812-22**

**Title 22 Metals by ICP-AES EPA 6010B**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B5H0454	08/18/2015	08/19/15 11:33	
<b>Arsenic</b>	<b>4.7</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:33	
<b>Barium</b>	<b>130</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:33	
Beryllium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:32	
Cadmium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:33	
<b>Chromium</b>	<b>18</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:33	
<b>Cobalt</b>	<b>6.5</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:33	
<b>Copper</b>	<b>19</b>	2.0	1	B5H0454	08/18/2015	08/19/15 11:33	
<b>Lead</b>	<b>44</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:33	
Molybdenum	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:33	
<b>Nickel</b>	<b>16</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:33	
Selenium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:33	
<b>Silver</b>	<b>3.1</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:33	
Thallium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:33	
<b>Vanadium</b>	<b>36</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:33	
<b>Zinc</b>	<b>64</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:33	

**Mercury by AA (Cold Vapor) EPA 7471A**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	<b>0.12</b>	0.10	1	B5H0456	08/18/2015	08/19/15 14:27	

**Gasoline Range Organics by EPA 8015B (Modified)**

**Analyst: BT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B5H0652	08/14/2015	08/24/15 22:36	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>67.4 %</i>	<i>37 - 153</i>		B5H0652	08/14/2015	<i>08/24/15 22:36</i>	

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<b>DRO</b>	<b>710</b>	50	5	B5H0544	08/20/2015	08/25/15 11:05	
<b>ORO</b>	<b>4400</b>	50	5	B5H0544	08/20/2015	08/25/15 11:05	



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-8-1**

**Lab ID: 1502812-22**

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: p-Terphenyl</i>	61.3 %	49 - 142		B5H0544	08/20/2015	08/25/15 11:05	

**Organochlorine Pesticides by EPA 8081**

**Analyst: CL**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	10	5	B5H0559	08/20/2015	08/21/15 11:39	D1
4,4'-DDE [2C]	ND	10	5	B5H0559	08/20/2015	08/21/15 11:39	D1
4,4'-DDT	ND	10	5	B5H0559	08/20/2015	08/21/15 11:39	D1
Aldrin	ND	5.0	5	B5H0559	08/20/2015	08/21/15 11:39	D1
alpha-BHC	ND	5.0	5	B5H0559	08/20/2015	08/21/15 11:39	D1
alpha-Chlordane [2C]	ND	5.0	5	B5H0559	08/20/2015	08/21/15 11:39	D1
beta-BHC	ND	5.0	5	B5H0559	08/20/2015	08/21/15 11:39	D1
Chlordane	ND	42	5	B5H0559	08/20/2015	08/21/15 11:39	D1
delta-BHC	ND	5.0	5	B5H0559	08/20/2015	08/21/15 11:39	D1
Dieldrin	ND	10	5	B5H0559	08/20/2015	08/21/15 11:39	D1
Endosulfan I	ND	5.0	5	B5H0559	08/20/2015	08/21/15 11:39	D1
Endosulfan II	ND	10	5	B5H0559	08/20/2015	08/21/15 11:39	D1
Endosulfan sulfate	ND	10	5	B5H0559	08/20/2015	08/21/15 11:39	D1
Endrin	ND	10	5	B5H0559	08/20/2015	08/21/15 11:39	D1
Endrin aldehyde	ND	10	5	B5H0559	08/20/2015	08/21/15 11:39	D1
Endrin ketone	ND	10	5	B5H0559	08/20/2015	08/21/15 11:39	D1
gamma-BHC	ND	5.0	5	B5H0559	08/20/2015	08/21/15 11:39	D1
gamma-Chlordane	ND	5.0	5	B5H0559	08/20/2015	08/21/15 11:39	D1
Heptachlor	ND	5.0	5	B5H0559	08/20/2015	08/21/15 11:39	D1
Heptachlor epoxide	ND	5.0	5	B5H0559	08/20/2015	08/21/15 11:39	D1
Methoxychlor	ND	25	5	B5H0559	08/20/2015	08/21/15 11:39	D1
Toxaphene	ND	250	5	B5H0559	08/20/2015	08/21/15 11:39	D1
<i>Surrogate: Decachlorobiphenyl</i>	34.4 %	16 - 137		B5H0559	08/20/2015	08/21/15 11:39	D1
<i>Surrogate: Tetrachloro-m-xylene</i>	34.4 %	16 - 105		B5H0559	08/20/2015	08/21/15 11:39	D1



# Certificate of Analysis

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 Burbank , CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-8-1**

**Lab ID: 1502812-22**

**Volatile Organic Compounds by EPA 8260B**

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
1,1,1-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
1,1,2-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
1,1-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
1,1-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
1,1-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
1,2,3-Trichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
1,2,3-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
1,2,4-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
1,2,4-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
1,2-Dibromo-3-chloropropane	ND	10	1	B5H0447	08/18/2015	08/18/15 13:46	
1,2-Dibromoethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
1,2-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
1,2-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
1,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
1,3,5-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
1,3-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
1,3-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
1,4-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
2,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
2-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
4-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
4-Isopropyltoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
Benzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
Bromobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
Bromodichloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
Bromoform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
Bromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
Carbon tetrachloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
Chlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
Chloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
Chloroform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
Chloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
cis-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
cis-1,3-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
Dibromochloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	



# Certificate of Analysis

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 Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-8-1**

**Lab ID: 1502812-22**

## Volatile Organic Compounds by EPA 8260B

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Dibromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
Dichlorodifluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
Ethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
Hexachlorobutadiene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
Isopropylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
m,p-Xylene	ND	10	1	B5H0447	08/18/2015	08/18/15 13:46	
Methylene chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
n-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
n-Propylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
Naphthalene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
o-Xylene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
sec-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
Styrene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
tert-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
Tetrachloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
Toluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
trans-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
Trichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
Trichlorofluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
Vinyl chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 13:46	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>86.7 %</i>	<i>20 - 189</i>		B5H0447	08/18/2015	<i>08/18/15 13:46</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>101 %</i>	<i>20 - 173</i>		B5H0447	08/18/2015	<i>08/18/15 13:46</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>95.6 %</i>	<i>26 - 178</i>		B5H0447	08/18/2015	<i>08/18/15 13:46</i>	
<i>Surrogate: Toluene-d8</i>	<i>79.1 %</i>	<i>31 - 166</i>		B5H0447	08/18/2015	<i>08/18/15 13:46</i>	



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 Burbank , CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-8-1**

**Lab ID: 1502812-22**

## Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
1,2-Dichlorobenzene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
1,3-Dichlorobenzene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
1,4-Dichlorobenzene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
2,4,5-Trichlorophenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
2,4,6-Trichlorophenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
2,4-Dichlorophenol	ND	50000	10	B5H0488	08/19/2015	08/25/15 07:21	D7
2,4-Dimethylphenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
2,4-Dinitrophenol	ND	50000	10	B5H0488	08/19/2015	08/25/15 07:21	D7
2,4-Dinitrotoluene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
2,6-Dinitrotoluene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
2-Chloronaphthalene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
2-Chlorophenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
2-Methylnaphthalene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
2-Methylphenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
2-Nitroaniline	ND	50000	10	B5H0488	08/19/2015	08/25/15 07:21	D7
2-Nitrophenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
3,3'-Dichlorobenzidine	ND	20000	10	B5H0488	08/19/2015	08/25/15 07:21	D7
3-Nitroaniline	ND	50000	10	B5H0488	08/19/2015	08/25/15 07:21	D7
4,6-Dinitro-2-methylphenol	ND	50000	10	B5H0488	08/19/2015	08/25/15 07:21	D7
4-Bromophenyl-phenylether	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
4-Chloro-3-methylphenol	ND	20000	10	B5H0488	08/19/2015	08/25/15 07:21	D7
4-Chloroaniline	ND	20000	10	B5H0488	08/19/2015	08/25/15 07:21	D7
4-Chlorophenyl-phenylether	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
4-Methylphenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
4-Nitroaniline	ND	50000	10	B5H0488	08/19/2015	08/25/15 07:21	D7
4-Nitrophenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Acenaphthene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Acenaphthylene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Anthracene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Benzidine (M)	ND	50000	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Benzo(a)anthracene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Benzo(a)pyrene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Benzo(b)fluoranthene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Benzo(g,h,i)perylene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Benzo(k)fluoranthene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Benzoic acid	ND	50000	10	B5H0488	08/19/2015	08/25/15 07:21	D7





# Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-8-1**

**Lab ID: 1502812-22**

## Semivolatile Organic Compounds by EPA 8270C

Analyst: BD

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Benzyl alcohol	ND	20000	10	B5H0488	08/19/2015	08/25/15 07:21	D7
bis(2-chloroethoxy)methane	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
bis(2-Chloroethyl)ether	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
bis(2-chloroisopropyl)ether	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
bis(2-ethylhexyl)phthalate	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Butylbenzylphthalate	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Chrysene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Di-n-butylphthalate	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Di-n-octylphthalate	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Dibenz(a,h)anthracene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Dibenzofuran	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Diethyl phthalate	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Dimethyl phthalate	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Fluoranthene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Fluorene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Hexachlorobenzene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Hexachlorobutadiene	ND	20000	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Hexachlorocyclopentadiene	ND	20000	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Hexachloroethane	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Indeno(1,2,3-cd)pyrene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Isophorone	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
N-Nitroso-di-n propylamine	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
N-Nitrosodiphenylamine	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Naphthalene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Nitrobenzene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Pentachlorophenol	ND	50000	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Phenanthrene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Phenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Pyrene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:21	D7
Pyridine	ND	50000	10	B5H0488	08/19/2015	08/25/15 07:21	D7
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>79.2 %</i>	<i>24 - 114</i>		B5H0488	08/19/2015	<i>08/25/15 07:21</i>	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>331 %</i>	<i>0 - 189</i>		B5H0488	08/19/2015	<i>08/25/15 07:21</i>	S10
<i>Surrogate: 2-Chlorophenol-d4</i>	<i>85.5 %</i>	<i>23 - 123</i>		B5H0488	08/19/2015	<i>08/25/15 07:21</i>	
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>91.2 %</i>	<i>28 - 128</i>		B5H0488	08/19/2015	<i>08/25/15 07:21</i>	
<i>Surrogate: 2-Fluorophenol</i>	<i>82.8 %</i>	<i>8 - 138</i>		B5H0488	08/19/2015	<i>08/25/15 07:21</i>	
<i>Surrogate: 4-Terphenyl-d14</i>	<i>102 %</i>	<i>27 - 154</i>		B5H0488	08/19/2015	<i>08/25/15 07:21</i>	
<i>Surrogate: Nitrobenzene-d5</i>	<i>75.0 %</i>	<i>19 - 129</i>		B5H0488	08/19/2015	<i>08/25/15 07:21</i>	



### Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
Report To : Scott Nunez  
Reported : 08/27/2015

**Client Sample ID B-8-1**

**Lab ID: 1502812-22**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: Phenol-d5</i>	91.2 %	20 - 126		B5H0488	08/19/2015	08/25/15 07:21	



# Certificate of Analysis

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Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-8-2**

**Lab ID: 1502812-23**

**Title 22 Metals by ICP-AES EPA 6010B**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B5H0454	08/18/2015	08/19/15 11:36	
Arsenic	7.1	1.0	1	B5H0454	08/18/2015	08/19/15 11:36	
Barium	130	1.0	1	B5H0454	08/18/2015	08/19/15 11:36	
Beryllium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:35	
Cadmium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:36	
Chromium	27	1.0	1	B5H0454	08/18/2015	08/19/15 11:36	
Cobalt	6.9	1.0	1	B5H0454	08/18/2015	08/19/15 11:36	
Copper	21	2.0	1	B5H0454	08/18/2015	08/19/15 11:36	
Lead	81	1.0	1	B5H0454	08/18/2015	08/19/15 11:36	
Molybdenum	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:36	
Nickel	16	1.0	1	B5H0454	08/18/2015	08/19/15 11:36	
Selenium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:36	
Silver	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:36	
Thallium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:36	
Vanadium	39	1.0	1	B5H0454	08/18/2015	08/19/15 11:36	
Zinc	85	1.0	1	B5H0454	08/18/2015	08/19/15 11:36	

**Mercury by AA (Cold Vapor) EPA 7471A**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	1	B5H0456	08/18/2015	08/19/15 14:29	

**Gasoline Range Organics by EPA 8015B (Modified)**

**Analyst: BT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B5H0652	08/14/2015	08/24/15 22:52	
<i>Surrogate: 4-Bromofluorobenzene</i>	66.8 %	37 - 153		B5H0652	08/14/2015	08/24/15 22:52	

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	440	20	2	B5H0544	08/20/2015	08/25/15 11:57	
ORO	2500	20	2	B5H0544	08/20/2015	08/25/15 11:57	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

## Client Sample ID B-8-2

Lab ID: 1502812-23

### Diesel Range Organics by EPA 8015B

Analyst: CR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: p-Terphenyl	80.2 %	49 - 142		B5H0544	08/20/2015	08/25/15 11:57	

### Volatile Organic Compounds by EPA 8260B

Analyst: AG

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
1,1,1-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
1,1,2-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
1,1-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
1,1-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
1,1-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
1,2,3-Trichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
1,2,3-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
1,2,4-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
1,2,4-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
1,2-Dibromo-3-chloropropane	ND	10	1	B5H0447	08/18/2015	08/18/15 14:05	
1,2-Dibromoethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
1,2-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
1,2-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
1,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
1,3,5-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
1,3-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
1,3-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
1,4-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
2,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
2-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
4-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
4-Isopropyltoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
Benzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
Bromobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
Bromodichloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
Bromoform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
Bromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
Carbon tetrachloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
Chlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-8-2**

**Lab ID: 1502812-23**

## Volatile Organic Compounds by EPA 8260B

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
Chloroform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
Chloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
cis-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
cis-1,3-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
Dibromochloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
Dibromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
Dichlorodifluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
Ethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
Hexachlorobutadiene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
Isopropylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
m,p-Xylene	ND	10	1	B5H0447	08/18/2015	08/18/15 14:05	
Methylene chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
n-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
n-Propylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
Naphthalene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
o-Xylene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
sec-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
Styrene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
tert-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
Tetrachloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
Toluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
trans-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
Trichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
Trichlorofluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
Vinyl chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:05	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>80.3 %</i>	<i>20 - 189</i>		B5H0447	08/18/2015	<i>08/18/15 14:05</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>105 %</i>	<i>20 - 173</i>		B5H0447	08/18/2015	<i>08/18/15 14:05</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>94.1 %</i>	<i>26 - 178</i>		B5H0447	08/18/2015	<i>08/18/15 14:05</i>	
<i>Surrogate: Toluene-d8</i>	<i>84.6 %</i>	<i>31 - 166</i>		B5H0447	08/18/2015	<i>08/18/15 14:05</i>	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-8-2**

**Lab ID: 1502812-23**

## Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
1,2-Dichlorobenzene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
1,3-Dichlorobenzene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
1,4-Dichlorobenzene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
2,4,5-Trichlorophenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
2,4,6-Trichlorophenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
2,4-Dichlorophenol	ND	50000	10	B5H0488	08/19/2015	08/25/15 07:49	D7
2,4-Dimethylphenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
2,4-Dinitrophenol	ND	50000	10	B5H0488	08/19/2015	08/25/15 07:49	D7
2,4-Dinitrotoluene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
2,6-Dinitrotoluene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
2-Chloronaphthalene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
2-Chlorophenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
2-Methylnaphthalene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
2-Methylphenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
2-Nitroaniline	ND	50000	10	B5H0488	08/19/2015	08/25/15 07:49	D7
2-Nitrophenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
3,3'-Dichlorobenzidine	ND	20000	10	B5H0488	08/19/2015	08/25/15 07:49	D7
3-Nitroaniline	ND	50000	10	B5H0488	08/19/2015	08/25/15 07:49	D7
4,6-Dinitro-2-methylphenol	ND	50000	10	B5H0488	08/19/2015	08/25/15 07:49	D7
4-Bromophenyl-phenylether	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
4-Chloro-3-methylphenol	ND	20000	10	B5H0488	08/19/2015	08/25/15 07:49	D7
4-Chloroaniline	ND	20000	10	B5H0488	08/19/2015	08/25/15 07:49	D7
4-Chlorophenyl-phenylether	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
4-Methylphenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
4-Nitroaniline	ND	50000	10	B5H0488	08/19/2015	08/25/15 07:49	D7
4-Nitrophenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Acenaphthene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Acenaphthylene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Anthracene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Benzidine (M)	ND	50000	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Benzo(a)anthracene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Benzo(a)pyrene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Benzo(b)fluoranthene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Benzo(g,h,i)perylene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Benzo(k)fluoranthene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Benzoic acid	ND	50000	10	B5H0488	08/19/2015	08/25/15 07:49	D7



# Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-8-2**

**Lab ID: 1502812-23**

## Semivolatile Organic Compounds by EPA 8270C

Analyst: BD

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Benzyl alcohol	ND	20000	10	B5H0488	08/19/2015	08/25/15 07:49	D7
bis(2-chloroethoxy)methane	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
bis(2-Chloroethyl)ether	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
bis(2-chloroisopropyl)ether	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
bis(2-ethylhexyl)phthalate	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Butylbenzylphthalate	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Chrysene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Di-n-butylphthalate	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Di-n-octylphthalate	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Dibenz(a,h)anthracene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Dibenzofuran	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Diethyl phthalate	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Dimethyl phthalate	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Fluoranthene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Fluorene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Hexachlorobenzene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Hexachlorobutadiene	ND	20000	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Hexachlorocyclopentadiene	ND	20000	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Hexachloroethane	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Indeno(1,2,3-cd)pyrene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Isophorone	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
N-Nitroso-di-n propylamine	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
N-Nitrosodiphenylamine	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Naphthalene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Nitrobenzene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Pentachlorophenol	ND	50000	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Phenanthrene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Phenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Pyrene	ND	9900	10	B5H0488	08/19/2015	08/25/15 07:49	D7
Pyridine	ND	50000	10	B5H0488	08/19/2015	08/25/15 07:49	D7
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	80.7 %	24 - 114		B5H0488	08/19/2015	08/25/15 07:49	
<i>Surrogate: 2,4,6-Tribromophenol</i>	329 %	0 - 189		B5H0488	08/19/2015	08/25/15 07:49	S10
<i>Surrogate: 2-Chlorophenol-d4</i>	83.4 %	23 - 123		B5H0488	08/19/2015	08/25/15 07:49	
<i>Surrogate: 2-Fluorobiphenyl</i>	91.2 %	28 - 128		B5H0488	08/19/2015	08/25/15 07:49	
<i>Surrogate: 2-Fluorophenol</i>	86.1 %	8 - 138		B5H0488	08/19/2015	08/25/15 07:49	
<i>Surrogate: 4-Terphenyl-d14</i>	94.2 %	27 - 154		B5H0488	08/19/2015	08/25/15 07:49	
<i>Surrogate: Nitrobenzene-d5</i>	70.8 %	19 - 129		B5H0488	08/19/2015	08/25/15 07:49	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank , CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-8-2**

**Lab ID: 1502812-23**

### Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: Phenol-d5</i>	86.4 %	20 - 126		B5H0488	08/19/2015	08/25/15 07:49	





## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
Report To : Scott Nunez  
Reported : 08/27/2015

**Client Sample ID B-8-5**

**Lab ID: 1502812-24**

**Title 22 Metals by ICP-AES EPA 6010B**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B5H0454	08/18/2015	08/19/15 11:39	
<b>Arsenic</b>	<b>5.7</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:39	
<b>Barium</b>	<b>140</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:39	
Beryllium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:38	
Cadmium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:39	
<b>Chromium</b>	<b>22</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:39	
<b>Cobalt</b>	<b>6.6</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:39	
<b>Copper</b>	<b>45</b>	2.0	1	B5H0454	08/18/2015	08/19/15 11:39	
<b>Lead</b>	<b>130</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:39	
Molybdenum	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:39	
<b>Nickel</b>	<b>16</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:39	
Selenium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:39	
Silver	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:39	
Thallium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:39	
<b>Vanadium</b>	<b>33</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:39	
<b>Zinc</b>	<b>130</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:39	

**Mercury by AA (Cold Vapor) EPA 7471A**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	<b>0.28</b>	0.10	1	B5H0456	08/18/2015	08/19/15 14:31	

**Gasoline Range Organics by EPA 8015B (Modified)**

**Analyst: BT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B5H0652	08/14/2015	08/24/15 23:08	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>65.8 %</i>	<i>37 - 153</i>		B5H0652	08/14/2015	<i>08/24/15 23:08</i>	

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<b>DRO</b>	<b>340</b>	20	2	B5H0544	08/20/2015	08/25/15 11:38	
<b>ORO</b>	<b>1700</b>	20	2	B5H0544	08/20/2015	08/25/15 11:38	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

## Client Sample ID B-8-5

Lab ID: 1502812-24

### Diesel Range Organics by EPA 8015B

Analyst: CR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: p-Terphenyl	65.4 %	49 - 142		B5H0544	08/20/2015	08/25/15 11:38	

### Volatile Organic Compounds by EPA 8260B

Analyst: AG

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
1,1,1-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
1,1,2-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
1,1-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
1,1-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
1,1-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
1,2,3-Trichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
1,2,3-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
1,2,4-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
1,2,4-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
1,2-Dibromo-3-chloropropane	ND	10	1	B5H0447	08/18/2015	08/18/15 14:23	
1,2-Dibromoethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
1,2-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
1,2-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
1,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
1,3,5-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
1,3-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
1,3-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
1,4-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
2,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
2-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
4-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
4-Isopropyltoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
Benzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
Bromobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
Bromodichloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
Bromoform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
Bromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
Carbon tetrachloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
Chlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-8-5**

**Lab ID: 1502812-24**

## Volatile Organic Compounds by EPA 8260B

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
Chloroform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
Chloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
cis-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
cis-1,3-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
Dibromochloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
Dibromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
Dichlorodifluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
Ethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
Hexachlorobutadiene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
Isopropylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
m,p-Xylene	ND	10	1	B5H0447	08/18/2015	08/18/15 14:23	
Methylene chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
n-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
n-Propylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
Naphthalene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
o-Xylene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
sec-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
Styrene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
tert-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
Tetrachloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
Toluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
trans-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
Trichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
Trichlorofluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
Vinyl chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>83.6 %</i>	<i>20 - 189</i>		B5H0447	08/18/2015	<i>08/18/15 14:23</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>110 %</i>	<i>20 - 173</i>		B5H0447	08/18/2015	<i>08/18/15 14:23</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>98.0 %</i>	<i>26 - 178</i>		B5H0447	08/18/2015	<i>08/18/15 14:23</i>	
<i>Surrogate: Toluene-d8</i>	<i>83.4 %</i>	<i>31 - 166</i>		B5H0447	08/18/2015	<i>08/18/15 14:23</i>	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-8-5**

**Lab ID: 1502812-24**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
1,2-Dichlorobenzene	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
1,3-Dichlorobenzene	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
1,4-Dichlorobenzene	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
2,4,5-Trichlorophenol	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
2,4,6-Trichlorophenol	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
2,4-Dichlorophenol	ND	1600	1	B5H0488	08/19/2015	08/20/15 10:30	
2,4-Dimethylphenol	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
2,4-Dinitrophenol	ND	1600	1	B5H0488	08/19/2015	08/20/15 10:30	
2,4-Dinitrotoluene	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
2,6-Dinitrotoluene	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
2-Chloronaphthalene	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
2-Chlorophenol	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
2-Methylnaphthalene	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
2-Methylphenol	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
2-Nitroaniline	ND	1600	1	B5H0488	08/19/2015	08/20/15 10:30	
2-Nitrophenol	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
3,3'-Dichlorobenzidine	ND	660	1	B5H0488	08/19/2015	08/20/15 10:30	
3-Nitroaniline	ND	1600	1	B5H0488	08/19/2015	08/20/15 10:30	
4,6-Dinitro-2-methylphenol	ND	1600	1	B5H0488	08/19/2015	08/20/15 10:30	
4-Bromophenyl-phenylether	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
4-Chloro-3-methylphenol	ND	660	1	B5H0488	08/19/2015	08/20/15 10:30	
4-Chloroaniline	ND	660	1	B5H0488	08/19/2015	08/20/15 10:30	
4-Chlorophenyl-phenylether	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
4-Methylphenol	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
4-Nitroaniline	ND	1600	1	B5H0488	08/19/2015	08/20/15 10:30	
4-Nitrophenol	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
Acenaphthene	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
Acenaphthylene	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
Anthracene	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
Benzidine (M)	ND	1600	1	B5H0488	08/19/2015	08/20/15 10:30	
Benzo(a)anthracene	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
Benzo(a)pyrene	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
Benzo(b)fluoranthene	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
Benzo(g,h,i)perylene	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
Benzo(k)fluoranthene	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
Benzoic acid	ND	1600	1	B5H0488	08/19/2015	08/20/15 10:30	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-8-5**

**Lab ID: 1502812-24**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Benzyl alcohol	ND	660	1	B5H0488	08/19/2015	08/20/15 10:30	
bis(2-chloroethoxy)methane	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
bis(2-Chloroethyl)ether	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
bis(2-chloroisopropyl)ether	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
bis(2-ethylhexyl)phthalate	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
Butylbenzylphthalate	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
Chrysene	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
Di-n-butylphthalate	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
Di-n-octylphthalate	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
Dibenz(a,h)anthracene	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
Dibenzofuran	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
Diethyl phthalate	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
Dimethyl phthalate	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
Fluoranthene	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
Fluorene	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
Hexachlorobenzene	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
Hexachlorobutadiene	ND	660	1	B5H0488	08/19/2015	08/20/15 10:30	
Hexachlorocyclopentadiene	ND	660	1	B5H0488	08/19/2015	08/20/15 10:30	
Hexachloroethane	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
Indeno(1,2,3-cd)pyrene	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
Isophorone	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
N-Nitroso-di-n propylamine	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
N-Nitrosodiphenylamine	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
Naphthalene	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
Nitrobenzene	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
Pentachlorophenol	ND	1600	1	B5H0488	08/19/2015	08/20/15 10:30	
Phenanthrene	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
Phenol	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
Pyrene	ND	330	1	B5H0488	08/19/2015	08/20/15 10:30	
Pyridine	ND	1600	1	B5H0488	08/19/2015	08/20/15 10:30	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>64.9 %</i>	<i>24 - 114</i>		B5H0488	08/19/2015	<i>08/20/15 10:30</i>	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>78.7 %</i>	<i>0 - 189</i>		B5H0488	08/19/2015	<i>08/20/15 10:30</i>	
<i>Surrogate: 2-Chlorophenol-d4</i>	<i>70.4 %</i>	<i>23 - 123</i>		B5H0488	08/19/2015	<i>08/20/15 10:30</i>	
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>70.0 %</i>	<i>28 - 128</i>		B5H0488	08/19/2015	<i>08/20/15 10:30</i>	
<i>Surrogate: 2-Fluorophenol</i>	<i>64.0 %</i>	<i>8 - 138</i>		B5H0488	08/19/2015	<i>08/20/15 10:30</i>	
<i>Surrogate: 4-Terphenyl-d14</i>	<i>76.3 %</i>	<i>27 - 154</i>		B5H0488	08/19/2015	<i>08/20/15 10:30</i>	
<i>Surrogate: Nitrobenzene-d5</i>	<i>76.6 %</i>	<i>19 - 129</i>		B5H0488	08/19/2015	<i>08/20/15 10:30</i>	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank , CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-8-5**

**Lab ID: 1502812-24**

### Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: Phenol-d5</i>	74.4 %	20 - 126		B5H0488	08/19/2015	08/20/15 10:30	



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-9-1**  
**Lab ID: 1502812-25**

**Title 22 Metals by ICP-AES EPA 6010B**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B5H0454	08/18/2015	08/19/15 11:43	
<b>Arsenic</b>	<b>3.6</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:43	
<b>Barium</b>	<b>88</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:42	
Beryllium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:42	
Cadmium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:43	
<b>Chromium</b>	<b>17</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:42	
<b>Cobalt</b>	<b>5.0</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:43	
<b>Copper</b>	<b>14</b>	2.0	1	B5H0454	08/18/2015	08/19/15 11:42	
<b>Lead</b>	<b>25</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:43	
Molybdenum	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:43	
<b>Nickel</b>	<b>11</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:43	
Selenium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:43	
Silver	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:42	
Thallium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:43	
<b>Vanadium</b>	<b>29</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:42	
<b>Zinc</b>	<b>49</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:42	

**Mercury by AA (Cold Vapor) EPA 7471A**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	1	B5H0456	08/18/2015	08/19/15 14:33	

**Gasoline Range Organics by EPA 8015B (Modified)**

**Analyst: BT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B5H0652	08/14/2015	08/24/15 23:24	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>65.1 %</i>	<i>37 - 153</i>		B5H0652	08/14/2015	<i>08/24/15 23:24</i>	

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<b>DRO</b>	<b>290</b>	10	1	B5H0544	08/20/2015	08/25/15 10:48	
<b>ORO</b>	<b>1300</b>	10	1	B5H0544	08/20/2015	08/25/15 10:48	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-9-1**

**Lab ID: 1502812-25**

### Diesel Range Organics by EPA 8015B

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: p-Terphenyl</i>	74.0 %	49 - 142		B5H0544	08/20/2015	08/25/15 10:48	

### Organochlorine Pesticides by EPA 8081

**Analyst: CL**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD [2C]	ND	2.0	1	B5H0559	08/20/2015	08/21/15 11:49	
4,4'-DDE [2C]	ND	2.0	1	B5H0559	08/20/2015	08/21/15 11:49	
4,4'-DDT	ND	2.0	1	B5H0559	08/20/2015	08/21/15 11:49	
Aldrin	ND	1.0	1	B5H0559	08/20/2015	08/21/15 11:49	
alpha-BHC	ND	1.0	1	B5H0559	08/20/2015	08/21/15 11:49	
<b>alpha-Chlordane [2C]</b>	<b>1.4</b>	1.0	1	B5H0559	08/20/2015	08/21/15 11:49	
beta-BHC	ND	1.0	1	B5H0559	08/20/2015	08/21/15 11:49	
<b>Chlordane</b>	<b>8.8</b>	8.5	1	B5H0559	08/20/2015	08/21/15 11:49	
delta-BHC	ND	1.0	1	B5H0559	08/20/2015	08/21/15 11:49	
Dieldrin [2C]	ND	2.0	1	B5H0559	08/20/2015	08/21/15 11:49	
Endosulfan I	ND	1.0	1	B5H0559	08/20/2015	08/21/15 11:49	
Endosulfan II	ND	2.0	1	B5H0559	08/20/2015	08/21/15 11:49	
Endosulfan sulfate	ND	2.0	1	B5H0559	08/20/2015	08/21/15 11:49	
Endrin	ND	2.0	1	B5H0559	08/20/2015	08/21/15 11:49	
Endrin aldehyde	ND	2.0	1	B5H0559	08/20/2015	08/21/15 11:49	
Endrin ketone	ND	2.0	1	B5H0559	08/20/2015	08/21/15 11:49	
gamma-BHC	ND	1.0	1	B5H0559	08/20/2015	08/21/15 11:49	
<b>gamma-Chlordane [2C]</b>	<b>1.6</b>	1.0	1	B5H0559	08/20/2015	08/21/15 11:49	
Heptachlor	ND	1.0	1	B5H0559	08/20/2015	08/21/15 11:49	
Heptachlor epoxide	ND	1.0	1	B5H0559	08/20/2015	08/21/15 11:49	
Methoxychlor	ND	5.0	1	B5H0559	08/20/2015	08/21/15 11:49	
Toxaphene	ND	50	1	B5H0559	08/20/2015	08/21/15 11:49	
<i>Surrogate: Decachlorobiphenyl</i>	49.3 %	16 - 137		B5H0559	08/20/2015	08/21/15 11:49	
<i>Surrogate: Tetrachloro-m-xylene</i>	40.6 %	16 - 105		B5H0559	08/20/2015	08/21/15 11:49	





# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-9-1**

**Lab ID: 1502812-25**

**Volatile Organic Compounds by EPA 8260B**

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
1,1,1-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
1,1,2-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
1,1-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
1,1-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
1,1-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
1,2,3-Trichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
1,2,3-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
1,2,4-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
1,2,4-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
1,2-Dibromo-3-chloropropane	ND	10	1	B5H0447	08/18/2015	08/18/15 14:42	
1,2-Dibromoethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
1,2-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
1,2-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
1,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
1,3,5-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
1,3-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
1,3-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
1,4-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
2,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
2-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
4-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
4-Isopropyltoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
Benzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
Bromobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
Bromodichloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
Bromoform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
Bromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
Carbon tetrachloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
Chlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
Chloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
Chloroform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
Chloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
cis-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
cis-1,3-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
Dibromochloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-9-1**  
**Lab ID: 1502812-25**

## Volatile Organic Compounds by EPA 8260B

Analyst: AG

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Dibromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
Dichlorodifluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
Ethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
Hexachlorobutadiene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
Isopropylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
m,p-Xylene	ND	10	1	B5H0447	08/18/2015	08/18/15 14:42	
Methylene chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
n-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
n-Propylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
Naphthalene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
o-Xylene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
sec-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
Styrene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
tert-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
Tetrachloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
Toluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
trans-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
Trichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
Trichlorofluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
Vinyl chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 14:42	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>84.6 %</i>	<i>20 - 189</i>		B5H0447	08/18/2015	<i>08/18/15 14:42</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>107 %</i>	<i>20 - 173</i>		B5H0447	08/18/2015	<i>08/18/15 14:42</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>86.9 %</i>	<i>26 - 178</i>		B5H0447	08/18/2015	<i>08/18/15 14:42</i>	
<i>Surrogate: Toluene-d8</i>	<i>86.0 %</i>	<i>31 - 166</i>		B5H0447	08/18/2015	<i>08/18/15 14:42</i>	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-9-1**

**Lab ID: 1502812-25**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
1,2-Dichlorobenzene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
1,3-Dichlorobenzene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
1,4-Dichlorobenzene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
2,4,5-Trichlorophenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
2,4,6-Trichlorophenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
2,4-Dichlorophenol	ND	50000	10	B5H0488	08/19/2015	08/25/15 08:16	D7
2,4-Dimethylphenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
2,4-Dinitrophenol	ND	50000	10	B5H0488	08/19/2015	08/25/15 08:16	D7
2,4-Dinitrotoluene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
2,6-Dinitrotoluene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
2-Chloronaphthalene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
2-Chlorophenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
2-Methylnaphthalene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
2-Methylphenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
2-Nitroaniline	ND	50000	10	B5H0488	08/19/2015	08/25/15 08:16	D7
2-Nitrophenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
3,3'-Dichlorobenzidine	ND	20000	10	B5H0488	08/19/2015	08/25/15 08:16	D7
3-Nitroaniline	ND	50000	10	B5H0488	08/19/2015	08/25/15 08:16	D7
4,6-Dinitro-2-methylphenol	ND	50000	10	B5H0488	08/19/2015	08/25/15 08:16	D7
4-Bromophenyl-phenylether	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
4-Chloro-3-methylphenol	ND	20000	10	B5H0488	08/19/2015	08/25/15 08:16	D7
4-Chloroaniline	ND	20000	10	B5H0488	08/19/2015	08/25/15 08:16	D7
4-Chlorophenyl-phenylether	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
4-Methylphenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
4-Nitroaniline	ND	50000	10	B5H0488	08/19/2015	08/25/15 08:16	D7
4-Nitrophenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Acenaphthene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Acenaphthylene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Anthracene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Benzidine (M)	ND	50000	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Benzo(a)anthracene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Benzo(a)pyrene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Benzo(b)fluoranthene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Benzo(g,h,i)perylene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Benzo(k)fluoranthene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Benzoic acid	ND	50000	10	B5H0488	08/19/2015	08/25/15 08:16	D7



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-9-1**

**Lab ID: 1502812-25**

## Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Benzyl alcohol	ND	20000	10	B5H0488	08/19/2015	08/25/15 08:16	D7
bis(2-chloroethoxy)methane	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
bis(2-Chloroethyl)ether	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
bis(2-chloroisopropyl)ether	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
bis(2-ethylhexyl)phthalate	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Butylbenzylphthalate	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Chrysene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Di-n-butylphthalate	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Di-n-octylphthalate	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Dibenz(a,h)anthracene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Dibenzofuran	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Diethyl phthalate	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Dimethyl phthalate	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Fluoranthene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Fluorene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Hexachlorobenzene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Hexachlorobutadiene	ND	20000	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Hexachlorocyclopentadiene	ND	20000	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Hexachloroethane	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Indeno(1,2,3-cd)pyrene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Isophorone	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
N-Nitroso-di-n propylamine	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
N-Nitrosodiphenylamine	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Naphthalene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Nitrobenzene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Pentachlorophenol	ND	50000	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Phenanthrene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Phenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Pyrene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:16	D7
Pyridine	ND	50000	10	B5H0488	08/19/2015	08/25/15 08:16	D7
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>79.2 %</i>	<i>24 - 114</i>		B5H0488	08/19/2015	<i>08/25/15 08:16</i>	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>328 %</i>	<i>0 - 189</i>		B5H0488	08/19/2015	<i>08/25/15 08:16</i>	S10
<i>Surrogate: 2-Chlorophenol-d4</i>	<i>86.1 %</i>	<i>23 - 123</i>		B5H0488	08/19/2015	<i>08/25/15 08:16</i>	
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>88.2 %</i>	<i>28 - 128</i>		B5H0488	08/19/2015	<i>08/25/15 08:16</i>	
<i>Surrogate: 2-Fluorophenol</i>	<i>82.5 %</i>	<i>8 - 138</i>		B5H0488	08/19/2015	<i>08/25/15 08:16</i>	
<i>Surrogate: 4-Terphenyl-d14</i>	<i>96.0 %</i>	<i>27 - 154</i>		B5H0488	08/19/2015	<i>08/25/15 08:16</i>	
<i>Surrogate: Nitrobenzene-d5</i>	<i>70.5 %</i>	<i>19 - 129</i>		B5H0488	08/19/2015	<i>08/25/15 08:16</i>	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank , CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-9-1**

**Lab ID: 1502812-25**

### Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: Phenol-d5</i>	89.7 %	20 - 126		B5H0488	08/19/2015	08/25/15 08:16	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-9-2**

**Lab ID: 1502812-26**

**Title 22 Metals by ICP-AES EPA 6010B**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B5H0454	08/18/2015	08/19/15 11:46	
<b>Arsenic</b>	<b>2.5</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:46	
<b>Barium</b>	<b>73</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:46	
Beryllium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:45	
Cadmium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:46	
<b>Chromium</b>	<b>15</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:46	
<b>Cobalt</b>	<b>4.5</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:46	
<b>Copper</b>	<b>11</b>	2.0	1	B5H0454	08/18/2015	08/19/15 11:46	
<b>Lead</b>	<b>19</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:46	
Molybdenum	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:46	
<b>Nickel</b>	<b>9.6</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:46	
Selenium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:46	
Silver	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:46	
Thallium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:46	
<b>Vanadium</b>	<b>26</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:46	
<b>Zinc</b>	<b>42</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:46	

**Mercury by AA (Cold Vapor) EPA 7471A**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	1	B5H0456	08/18/2015	08/19/15 14:35	

**Gasoline Range Organics by EPA 8015B (Modified)**

**Analyst: BT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B5H0652	08/14/2015	08/24/15 23:40	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>67.2 %</i>	<i>37 - 153</i>		B5H0652	08/14/2015	<i>08/24/15 23:40</i>	

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<b>DRO</b>	<b>120</b>	10	1	B5H0544	08/20/2015	08/25/15 10:30	
<b>ORO</b>	<b>680</b>	10	1	B5H0544	08/20/2015	08/25/15 10:30	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-9-2**

**Lab ID: 1502812-26**

### Diesel Range Organics by EPA 8015B

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: <i>p</i> -Terphenyl	53.7 %	49 - 142		B5H0544	08/20/2015	08/25/15 10:30	

### Volatile Organic Compounds by EPA 8260B

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
1,1,1-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
1,1,2-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
1,1-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
1,1-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
1,1-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
1,2,3-Trichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
1,2,3-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
1,2,4-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
1,2,4-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
1,2-Dibromo-3-chloropropane	ND	10	1	B5H0447	08/18/2015	08/18/15 15:01	
1,2-Dibromoethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
1,2-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
1,2-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
1,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
1,3,5-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
1,3-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
1,3-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
1,4-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
2,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
2-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
4-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
4-Isopropyltoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
Benzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
Bromobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
Bromodichloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
Bromoform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
Bromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
Carbon tetrachloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
Chlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-9-2**

**Lab ID: 1502812-26**

## Volatile Organic Compounds by EPA 8260B

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
Chloroform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
Chloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
cis-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
cis-1,3-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
Dibromochloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
Dibromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
Dichlorodifluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
Ethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
Hexachlorobutadiene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
Isopropylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
m,p-Xylene	ND	10	1	B5H0447	08/18/2015	08/18/15 15:01	
Methylene chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
n-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
n-Propylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
Naphthalene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
o-Xylene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
sec-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
Styrene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
tert-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
Tetrachloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
Toluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
trans-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
Trichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
Trichlorofluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
Vinyl chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:01	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>84.4 %</i>	<i>20 - 189</i>		B5H0447	08/18/2015	<i>08/18/15 15:01</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>106 %</i>	<i>20 - 173</i>		B5H0447	08/18/2015	<i>08/18/15 15:01</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>98.0 %</i>	<i>26 - 178</i>		B5H0447	08/18/2015	<i>08/18/15 15:01</i>	
<i>Surrogate: Toluene-d8</i>	<i>84.1 %</i>	<i>31 - 166</i>		B5H0447	08/18/2015	<i>08/18/15 15:01</i>	





## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-9-2**

**Lab ID: 1502812-26**

### Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
1,2-Dichlorobenzene	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
1,3-Dichlorobenzene	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
1,4-Dichlorobenzene	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
2,4,5-Trichlorophenol	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
2,4,6-Trichlorophenol	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
2,4-Dichlorophenol	ND	16000	10	B5H0488	08/19/2015	08/21/15 17:02	D1
2,4-Dimethylphenol	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
2,4-Dinitrophenol	ND	16000	10	B5H0488	08/19/2015	08/21/15 17:02	D1
2,4-Dinitrotoluene	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
2,6-Dinitrotoluene	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
2-Chloronaphthalene	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
2-Chlorophenol	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
2-Methylnaphthalene	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
2-Methylphenol	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
2-Nitroaniline	ND	16000	10	B5H0488	08/19/2015	08/21/15 17:02	D1
2-Nitrophenol	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
3,3'-Dichlorobenzidine	ND	6600	10	B5H0488	08/19/2015	08/21/15 17:02	D1
3-Nitroaniline	ND	16000	10	B5H0488	08/19/2015	08/21/15 17:02	D1
4,6-Dinitro-2-methylphenol	ND	16000	10	B5H0488	08/19/2015	08/21/15 17:02	D1
4-Bromophenyl-phenylether	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
4-Chloro-3-methylphenol	ND	6600	10	B5H0488	08/19/2015	08/21/15 17:02	D1
4-Chloroaniline	ND	6600	10	B5H0488	08/19/2015	08/21/15 17:02	D1
4-Chlorophenyl-phenylether	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
4-Methylphenol	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
4-Nitroaniline	ND	16000	10	B5H0488	08/19/2015	08/21/15 17:02	D1
4-Nitrophenol	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Acenaphthene	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Acenaphthylene	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Anthracene	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Benzidine (M)	ND	16000	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Benzo(a)anthracene	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Benzo(a)pyrene	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Benzo(b)fluoranthene	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Benzo(g,h,i)perylene	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Benzo(k)fluoranthene	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Benzoic acid	ND	16000	10	B5H0488	08/19/2015	08/21/15 17:02	D1



# Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-9-2**

**Lab ID: 1502812-26**

## Semivolatile Organic Compounds by EPA 8270C

Analyst: BD

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Benzyl alcohol	ND	6600	10	B5H0488	08/19/2015	08/21/15 17:02	D1
bis(2-chloroethoxy)methane	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
bis(2-Chloroethyl)ether	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
bis(2-chloroisopropyl)ether	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
bis(2-ethylhexyl)phthalate	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Butylbenzylphthalate	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Chrysene	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Di-n-butylphthalate	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Di-n-octylphthalate	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Dibenz(a,h)anthracene	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Dibenzofuran	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Diethyl phthalate	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Dimethyl phthalate	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Fluoranthene	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Fluorene	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Hexachlorobenzene	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Hexachlorobutadiene	ND	6600	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Hexachlorocyclopentadiene	ND	6600	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Hexachloroethane	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Indeno(1,2,3-cd)pyrene	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Isophorone	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
N-Nitroso-di-n propylamine	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
N-Nitrosodiphenylamine	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Naphthalene	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Nitrobenzene	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Pentachlorophenol	ND	16000	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Phenanthrene	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Phenol	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Pyrene	ND	3300	10	B5H0488	08/19/2015	08/21/15 17:02	D1
Pyridine	ND	16000	10	B5H0488	08/19/2015	08/21/15 17:02	D1
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>69.0 %</i>	<i>24 - 114</i>		B5H0488	08/19/2015	<i>08/21/15 17:02</i>	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>66.4 %</i>	<i>0 - 189</i>		B5H0488	08/19/2015	<i>08/21/15 17:02</i>	
<i>Surrogate: 2-Chlorophenol-d4</i>	<i>67.3 %</i>	<i>23 - 123</i>		B5H0488	08/19/2015	<i>08/21/15 17:02</i>	
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>78.0 %</i>	<i>28 - 128</i>		B5H0488	08/19/2015	<i>08/21/15 17:02</i>	
<i>Surrogate: 2-Fluorophenol</i>	<i>64.9 %</i>	<i>8 - 138</i>		B5H0488	08/19/2015	<i>08/21/15 17:02</i>	
<i>Surrogate: 4-Terphenyl-d14</i>	<i>78.0 %</i>	<i>27 - 154</i>		B5H0488	08/19/2015	<i>08/21/15 17:02</i>	
<i>Surrogate: Nitrobenzene-d5</i>	<i>73.7 %</i>	<i>19 - 129</i>		B5H0488	08/19/2015	<i>08/21/15 17:02</i>	



### Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
Report To : Scott Nunez  
Reported : 08/27/2015

**Client Sample ID B-9-2**

**Lab ID: 1502812-26**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: Phenol-d5</i>	70.0 %	20 - 126		B5H0488	08/19/2015	08/21/15 17:02	



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
Report To : Scott Nunez  
Reported : 08/27/2015

**Client Sample ID B-9-5**

**Lab ID: 1502812-27**

**Title 22 Metals by ICP-AES EPA 6010B**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B5H0454	08/18/2015	08/19/15 11:50	
Arsenic	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:50	
<b>Barium</b>	<b>50</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:49	
Beryllium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:48	
Cadmium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:50	
<b>Chromium</b>	<b>12</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:49	
<b>Cobalt</b>	<b>3.6</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:50	
<b>Copper</b>	<b>5.7</b>	2.0	1	B5H0454	08/18/2015	08/19/15 11:49	
<b>Lead</b>	<b>1.8</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:50	
Molybdenum	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:50	
<b>Nickel</b>	<b>6.2</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:50	
Selenium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:50	
Silver	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:49	
Thallium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:50	
<b>Vanadium</b>	<b>15</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:49	
<b>Zinc</b>	<b>21</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:49	

**Mercury by AA (Cold Vapor) EPA 7471A**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	1	B5H0456	08/18/2015	08/19/15 14:37	

**Gasoline Range Organics by EPA 8015B (Modified)**

**Analyst: BT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B5H0652	08/14/2015	08/24/15 23:55	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>66.6 %</i>	<i>37 - 153</i>		B5H0652	08/14/2015	08/24/15 23:55	

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	ND	10	1	B5H0544	08/20/2015	08/25/15 09:39	
<b>ORO</b>	<b>23</b>	10	1	B5H0544	08/20/2015	08/25/15 09:39	



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-9-5**

**Lab ID: 1502812-27**

### Diesel Range Organics by EPA 8015B

Analyst: CR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: p-Terphenyl</i>	66.1 %	49 - 142		B5H0544	08/20/2015	08/25/15 09:39	

### Volatile Organic Compounds by EPA 8260B

Analyst: AG

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
1,1,1-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
1,1,2-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
1,1-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
1,1-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
1,1-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
1,2,3-Trichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
1,2,3-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
1,2,4-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
1,2,4-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
1,2-Dibromo-3-chloropropane	ND	10	1	B5H0447	08/18/2015	08/18/15 15:19	
1,2-Dibromoethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
1,2-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
1,2-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
1,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
1,3,5-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
1,3-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
1,3-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
1,4-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
2,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
2-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
4-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
4-Isopropyltoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
Benzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
Bromobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
Bromodichloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
Bromoform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
Bromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
Carbon tetrachloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
Chlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-9-5**

**Lab ID: 1502812-27**

**Volatile Organic Compounds by EPA 8260B**

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
Chloroform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
Chloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
cis-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
cis-1,3-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
Dibromochloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
Dibromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
Dichlorodifluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
Ethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
Hexachlorobutadiene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
Isopropylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
m,p-Xylene	ND	10	1	B5H0447	08/18/2015	08/18/15 15:19	
Methylene chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
n-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
n-Propylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
Naphthalene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
o-Xylene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
sec-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
Styrene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
tert-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
Tetrachloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
Toluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
trans-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
Trichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
Trichlorofluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
Vinyl chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:19	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>82.4 %</i>	<i>20 - 189</i>		B5H0447	08/18/2015	<i>08/18/15 15:19</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>99.4 %</i>	<i>20 - 173</i>		B5H0447	08/18/2015	<i>08/18/15 15:19</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>94.1 %</i>	<i>26 - 178</i>		B5H0447	08/18/2015	<i>08/18/15 15:19</i>	
<i>Surrogate: Toluene-d8</i>	<i>82.8 %</i>	<i>31 - 166</i>		B5H0447	08/18/2015	<i>08/18/15 15:19</i>	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-9-5**

**Lab ID: 1502812-27**

## Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
1,2-Dichlorobenzene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
1,3-Dichlorobenzene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
1,4-Dichlorobenzene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
2,4,5-Trichlorophenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
2,4,6-Trichlorophenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
2,4-Dichlorophenol	ND	50000	10	B5H0488	08/19/2015	08/25/15 08:44	D7
2,4-Dimethylphenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
2,4-Dinitrophenol	ND	50000	10	B5H0488	08/19/2015	08/25/15 08:44	D7
2,4-Dinitrotoluene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
2,6-Dinitrotoluene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
2-Chloronaphthalene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
2-Chlorophenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
2-Methylnaphthalene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
2-Methylphenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
2-Nitroaniline	ND	50000	10	B5H0488	08/19/2015	08/25/15 08:44	D7
2-Nitrophenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
3,3'-Dichlorobenzidine	ND	20000	10	B5H0488	08/19/2015	08/25/15 08:44	D7
3-Nitroaniline	ND	50000	10	B5H0488	08/19/2015	08/25/15 08:44	D7
4,6-Dinitro-2-methylphenol	ND	50000	10	B5H0488	08/19/2015	08/25/15 08:44	D7
4-Bromophenyl-phenylether	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
4-Chloro-3-methylphenol	ND	20000	10	B5H0488	08/19/2015	08/25/15 08:44	D7
4-Chloroaniline	ND	20000	10	B5H0488	08/19/2015	08/25/15 08:44	D7
4-Chlorophenyl-phenylether	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
4-Methylphenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
4-Nitroaniline	ND	50000	10	B5H0488	08/19/2015	08/25/15 08:44	D7
4-Nitrophenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Acenaphthene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Acenaphthylene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Anthracene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Benzidine (M)	ND	50000	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Benzo(a)anthracene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Benzo(a)pyrene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Benzo(b)fluoranthene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Benzo(g,h,i)perylene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Benzo(k)fluoranthene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Benzoic acid	ND	50000	10	B5H0488	08/19/2015	08/25/15 08:44	D7



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-9-5**

**Lab ID: 1502812-27**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Benzyl alcohol	ND	20000	10	B5H0488	08/19/2015	08/25/15 08:44	D7
bis(2-chloroethoxy)methane	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
bis(2-Chloroethyl)ether	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
bis(2-chloroisopropyl)ether	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
bis(2-ethylhexyl)phthalate	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Butylbenzylphthalate	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Chrysene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Di-n-butylphthalate	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Di-n-octylphthalate	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Dibenz(a,h)anthracene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Dibenzofuran	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Diethyl phthalate	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Dimethyl phthalate	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Fluoranthene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Fluorene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Hexachlorobenzene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Hexachlorobutadiene	ND	20000	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Hexachlorocyclopentadiene	ND	20000	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Hexachloroethane	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Indeno(1,2,3-cd)pyrene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Isophorone	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
N-Nitroso-di-n propylamine	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
N-Nitrosodiphenylamine	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Naphthalene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Nitrobenzene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Pentachlorophenol	ND	50000	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Phenanthrene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Phenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Pyrene	ND	9900	10	B5H0488	08/19/2015	08/25/15 08:44	D7
Pyridine	ND	50000	10	B5H0488	08/19/2015	08/25/15 08:44	D7
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	80.7 %	24 - 114		B5H0488	08/19/2015	08/25/15 08:44	
<i>Surrogate: 2,4,6-Tribromophenol</i>	338 %	0 - 189		B5H0488	08/19/2015	08/25/15 08:44	S10
<i>Surrogate: 2-Chlorophenol-d4</i>	88.2 %	23 - 123		B5H0488	08/19/2015	08/25/15 08:44	
<i>Surrogate: 2-Fluorobiphenyl</i>	92.4 %	28 - 128		B5H0488	08/19/2015	08/25/15 08:44	
<i>Surrogate: 2-Fluorophenol</i>	85.5 %	8 - 138		B5H0488	08/19/2015	08/25/15 08:44	
<i>Surrogate: 4-Terphenyl-d14</i>	97.8 %	27 - 154		B5H0488	08/19/2015	08/25/15 08:44	
<i>Surrogate: Nitrobenzene-d5</i>	76.5 %	19 - 129		B5H0488	08/19/2015	08/25/15 08:44	





## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-9-5**

**Lab ID: 1502812-27**

### Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: Phenol-d5</i>	93.6 %	20 - 126		B5H0488	08/19/2015	08/25/15 08:44	



# Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-10-1**

**Lab ID: 1502812-28**

## Title 22 Metals by ICP-AES EPA 6010B

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B5H0454	08/18/2015	08/19/15 11:59	
<b>Arsenic</b>	<b>4.5</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:59	
<b>Barium</b>	<b>100</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:59	
Beryllium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:59	
Cadmium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:59	
<b>Chromium</b>	<b>21</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:59	
<b>Cobalt</b>	<b>6.5</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:59	
<b>Copper</b>	<b>19</b>	2.0	1	B5H0454	08/18/2015	08/19/15 11:59	
<b>Lead</b>	<b>45</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:59	
Molybdenum	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:59	
<b>Nickel</b>	<b>16</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:59	
Selenium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:59	
Silver	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:59	
Thallium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 11:59	
<b>Vanadium</b>	<b>37</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:59	
<b>Zinc</b>	<b>63</b>	1.0	1	B5H0454	08/18/2015	08/19/15 11:59	

## Mercury by AA (Cold Vapor) EPA 7471A

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	1	B5H0456	08/18/2015	08/19/15 14:39	

## Gasoline Range Organics by EPA 8015B (Modified)

**Analyst: BT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B5H0652	08/14/2015	08/25/15 00:11	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>70.3 %</i>	<i>37 - 153</i>		B5H0652	08/14/2015	<i>08/25/15 00:11</i>	

## Diesel Range Organics by EPA 8015B

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<b>DRO</b>	<b>770</b>	50	5	B5H0544	08/20/2015	08/25/15 11:22	
<b>ORO</b>	<b>4400</b>	50	5	B5H0544	08/20/2015	08/25/15 11:22	



# Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-10-1**

**Lab ID: 1502812-28**

## Diesel Range Organics by EPA 8015B

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: p-Terphenyl</i>	49.8 %	49 - 142		B5H0544	08/20/2015	08/25/15 11:22	

## Organochlorine Pesticides by EPA 8081

**Analyst: CL**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B5H0559	08/20/2015	08/21/15 12:00	
4,4'-DDE	ND	2.0	1	B5H0559	08/20/2015	08/21/15 12:00	
4,4'-DDT [2C]	ND	2.0	1	B5H0559	08/20/2015	08/21/15 12:00	
Aldrin	ND	1.0	1	B5H0559	08/20/2015	08/21/15 12:00	
alpha-BHC	ND	1.0	1	B5H0559	08/20/2015	08/21/15 12:00	
alpha-Chlordane [2C]	ND	1.0	1	B5H0559	08/20/2015	08/21/15 12:00	
beta-BHC	ND	1.0	1	B5H0559	08/20/2015	08/21/15 12:00	
Chlordane	ND	8.5	1	B5H0559	08/20/2015	08/21/15 12:00	
delta-BHC	ND	1.0	1	B5H0559	08/20/2015	08/21/15 12:00	
Dieldrin [2C]	ND	2.0	1	B5H0559	08/20/2015	08/21/15 12:00	
Endosulfan I	ND	1.0	1	B5H0559	08/20/2015	08/21/15 12:00	
Endosulfan II	ND	2.0	1	B5H0559	08/20/2015	08/21/15 12:00	
Endosulfan sulfate	ND	2.0	1	B5H0559	08/20/2015	08/21/15 12:00	
Endrin	ND	2.0	1	B5H0559	08/20/2015	08/21/15 12:00	
Endrin aldehyde	ND	2.0	1	B5H0559	08/20/2015	08/21/15 12:00	
Endrin ketone	ND	2.0	1	B5H0559	08/20/2015	08/21/15 12:00	
gamma-BHC	ND	1.0	1	B5H0559	08/20/2015	08/21/15 12:00	
gamma-Chlordane [2C]	ND	1.0	1	B5H0559	08/20/2015	08/21/15 12:00	
Heptachlor	ND	1.0	1	B5H0559	08/20/2015	08/21/15 12:00	
Heptachlor epoxide	ND	1.0	1	B5H0559	08/20/2015	08/21/15 12:00	
Methoxychlor	ND	5.0	1	B5H0559	08/20/2015	08/21/15 12:00	
Toxaphene	ND	50	1	B5H0559	08/20/2015	08/21/15 12:00	
<i>Surrogate: Decachlorobiphenyl</i>	37.2 %	16 - 137		B5H0559	08/20/2015	08/21/15 12:00	
<i>Surrogate: Tetrachloro-m-xylene</i>	33.4 %	16 - 105		B5H0559	08/20/2015	08/21/15 12:00	



# Certificate of Analysis

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 Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-10-1**

**Lab ID: 1502812-28**

## Volatile Organic Compounds by EPA 8260B

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
1,1,1-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
1,1,2-Trichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
1,1-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
1,1-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
1,1-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
1,2,3-Trichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
1,2,3-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
1,2,4-Trichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
1,2,4-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
1,2-Dibromo-3-chloropropane	ND	10	1	B5H0447	08/18/2015	08/18/15 15:38	
1,2-Dibromoethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
1,2-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
1,2-Dichloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
1,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
1,3,5-Trimethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
1,3-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
1,3-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
1,4-Dichlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
2,2-Dichloropropane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
2-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
4-Chlorotoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
4-Isopropyltoluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
Benzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
Bromobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
Bromodichloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
Bromoform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
Bromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
Carbon tetrachloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
Chlorobenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
Chloroethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
Chloroform	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
Chloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
cis-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
cis-1,3-Dichloropropene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
Dibromochloromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	



# Certificate of Analysis

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Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-10-1**

**Lab ID: 1502812-28**

**Volatile Organic Compounds by EPA 8260B**

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Dibromomethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
Dichlorodifluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
Ethylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
Hexachlorobutadiene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
Isopropylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
m,p-Xylene	ND	10	1	B5H0447	08/18/2015	08/18/15 15:38	
Methylene chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
n-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
n-Propylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
Naphthalene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
o-Xylene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
sec-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
Styrene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
tert-Butylbenzene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
Tetrachloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
Toluene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
trans-1,2-Dichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
Trichloroethene	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
Trichlorofluoromethane	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
Vinyl chloride	ND	5.0	1	B5H0447	08/18/2015	08/18/15 15:38	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>82.2 %</i>	<i>20 - 189</i>		B5H0447	08/18/2015	<i>08/18/15 15:38</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>110 %</i>	<i>20 - 173</i>		B5H0447	08/18/2015	<i>08/18/15 15:38</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>99.2 %</i>	<i>26 - 178</i>		B5H0447	08/18/2015	<i>08/18/15 15:38</i>	
<i>Surrogate: Toluene-d8</i>	<i>82.6 %</i>	<i>31 - 166</i>		B5H0447	08/18/2015	<i>08/18/15 15:38</i>	



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Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-10-1**

**Lab ID: 1502812-28**

### Semivolatile Organic Compounds by EPA 8270C

Analyst: BD

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
1,2-Dichlorobenzene	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
1,3-Dichlorobenzene	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
1,4-Dichlorobenzene	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
2,4,5-Trichlorophenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
2,4,6-Trichlorophenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
2,4-Dichlorophenol	ND	50000	10	B5H0488	08/19/2015	08/25/15 09:12	D7
2,4-Dimethylphenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
2,4-Dinitrophenol	ND	50000	10	B5H0488	08/19/2015	08/25/15 09:12	D7
2,4-Dinitrotoluene	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
2,6-Dinitrotoluene	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
2-Chloronaphthalene	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
2-Chlorophenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
2-Methylnaphthalene	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
2-Methylphenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
2-Nitroaniline	ND	50000	10	B5H0488	08/19/2015	08/25/15 09:12	D7
2-Nitrophenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
3,3'-Dichlorobenzidine	ND	20000	10	B5H0488	08/19/2015	08/25/15 09:12	D7
3-Nitroaniline	ND	50000	10	B5H0488	08/19/2015	08/25/15 09:12	D7
4,6-Dinitro-2-methylphenol	ND	50000	10	B5H0488	08/19/2015	08/25/15 09:12	D7
4-Bromophenyl-phenylether	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
4-Chloro-3-methylphenol	ND	20000	10	B5H0488	08/19/2015	08/25/15 09:12	D7
4-Chloroaniline	ND	20000	10	B5H0488	08/19/2015	08/25/15 09:12	D7
4-Chlorophenyl-phenylether	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
4-Methylphenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
4-Nitroaniline	ND	50000	10	B5H0488	08/19/2015	08/25/15 09:12	D7
4-Nitrophenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Acenaphthene	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Acenaphthylene	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Anthracene	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Benzidine (M)	ND	50000	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Benzo(a)anthracene	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Benzo(a)pyrene	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Benzo(b)fluoranthene	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Benzo(g,h,i)perylene	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Benzo(k)fluoranthene	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Benzoic acid	ND	50000	10	B5H0488	08/19/2015	08/25/15 09:12	D7



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-10-1**

**Lab ID: 1502812-28**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Benzyl alcohol	ND	20000	10	B5H0488	08/19/2015	08/25/15 09:12	D7
bis(2-chloroethoxy)methane	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
bis(2-Chloroethyl)ether	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
bis(2-chloroisopropyl)ether	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
bis(2-ethylhexyl)phthalate	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Butylbenzylphthalate	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Chrysene	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Di-n-butylphthalate	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Di-n-octylphthalate	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Dibenz(a,h)anthracene	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Dibenzofuran	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Diethyl phthalate	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Dimethyl phthalate	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Fluoranthene	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Fluorene	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Hexachlorobenzene	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Hexachlorobutadiene	ND	20000	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Hexachlorocyclopentadiene	ND	20000	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Hexachloroethane	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Indeno(1,2,3-cd)pyrene	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Isophorone	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
N-Nitroso-di-n propylamine	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
N-Nitrosodiphenylamine	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Naphthalene	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Nitrobenzene	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Pentachlorophenol	ND	50000	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Phenanthrene	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Phenol	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Pyrene	ND	9900	10	B5H0488	08/19/2015	08/25/15 09:12	D7
Pyridine	ND	50000	10	B5H0488	08/19/2015	08/25/15 09:12	D7
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>80.4 %</i>	<i>24 - 114</i>		B5H0488	08/19/2015	<i>08/25/15 09:12</i>	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>342 %</i>	<i>0 - 189</i>		B5H0488	08/19/2015	<i>08/25/15 09:12</i>	S10
<i>Surrogate: 2-Chlorophenol-d4</i>	<i>88.2 %</i>	<i>23 - 123</i>		B5H0488	08/19/2015	<i>08/25/15 09:12</i>	
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>96.0 %</i>	<i>28 - 128</i>		B5H0488	08/19/2015	<i>08/25/15 09:12</i>	
<i>Surrogate: 2-Fluorophenol</i>	<i>87.9 %</i>	<i>8 - 138</i>		B5H0488	08/19/2015	<i>08/25/15 09:12</i>	
<i>Surrogate: 4-Terphenyl-d14</i>	<i>102 %</i>	<i>27 - 154</i>		B5H0488	08/19/2015	<i>08/25/15 09:12</i>	
<i>Surrogate: Nitrobenzene-d5</i>	<i>74.7 %</i>	<i>19 - 129</i>		B5H0488	08/19/2015	<i>08/25/15 09:12</i>	



## Certificate of Analysis

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Burbank , CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-10-1**

**Lab ID: 1502812-28**

### Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: Phenol-d5</i>	88.2 %	20 - 126		B5H0488	08/19/2015	08/25/15 09:12	





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Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-10-2**

**Lab ID: 1502812-29**

**Title 22 Metals by ICP-AES EPA 6010B**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B5H0454	08/18/2015	08/19/15 12:03	
<b>Arsenic</b>	<b>2.4</b>	1.0	1	B5H0454	08/18/2015	08/19/15 12:03	
<b>Barium</b>	<b>96</b>	1.0	1	B5H0454	08/18/2015	08/19/15 12:03	
Beryllium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 12:02	
Cadmium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 12:03	
<b>Chromium</b>	<b>15</b>	1.0	1	B5H0454	08/18/2015	08/19/15 12:03	
<b>Cobalt</b>	<b>6.3</b>	1.0	1	B5H0454	08/18/2015	08/19/15 12:03	
<b>Copper</b>	<b>10</b>	2.0	1	B5H0454	08/18/2015	08/19/15 12:03	
<b>Lead</b>	<b>3.7</b>	1.0	1	B5H0454	08/18/2015	08/19/15 12:03	
Molybdenum	ND	1.0	1	B5H0454	08/18/2015	08/19/15 12:03	
<b>Nickel</b>	<b>9.8</b>	1.0	1	B5H0454	08/18/2015	08/19/15 12:03	
Selenium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 12:03	
Silver	ND	1.0	1	B5H0454	08/18/2015	08/19/15 12:03	
Thallium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 12:03	
<b>Vanadium</b>	<b>36</b>	1.0	1	B5H0454	08/18/2015	08/19/15 12:03	
<b>Zinc</b>	<b>31</b>	1.0	1	B5H0454	08/18/2015	08/19/15 12:03	

**Mercury by AA (Cold Vapor) EPA 7471A**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	1	B5H0456	08/18/2015	08/19/15 14:41	

**Gasoline Range Organics by EPA 8015B (Modified)**

**Analyst: BT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B5H0652	08/14/2015	08/25/15 00:27	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>73.0 %</i>	<i>37 - 153</i>		B5H0652	08/14/2015	<i>08/25/15 00:27</i>	

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<b>DRO</b>	<b>28</b>	10	1	B5H0544	08/20/2015	08/25/15 09:56	
<b>ORO</b>	<b>120</b>	10	1	B5H0544	08/20/2015	08/25/15 09:56	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-10-2**

**Lab ID: 1502812-29**

## Diesel Range Organics by EPA 8015B

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: p-Terphenyl	69.4 %	49 - 142		B5H0544	08/20/2015	08/25/15 09:56	

## Volatile Organic Compounds by EPA 8260B

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
1,1,1-Trichloroethane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
1,1,2-Trichloroethane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
1,1-Dichloroethane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
1,1-Dichloroethene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
1,1-Dichloropropene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
1,2,3-Trichloropropane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
1,2,3-Trichlorobenzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
1,2,4-Trichlorobenzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
1,2,4-Trimethylbenzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
1,2-Dibromo-3-chloropropane	ND	10	1	B5H0475	08/18/2015	08/18/15 18:40	
1,2-Dibromoethane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
1,2-Dichlorobenzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
1,2-Dichloroethane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
1,2-Dichloropropane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
1,3,5-Trimethylbenzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
1,3-Dichlorobenzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
1,3-Dichloropropane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
1,4-Dichlorobenzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
2,2-Dichloropropane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
2-Chlorotoluene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
4-Chlorotoluene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
4-Isopropyltoluene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
Benzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
Bromobenzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
Bromodichloromethane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
Bromoform	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
Bromomethane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
Carbon tetrachloride	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
Chlorobenzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-10-2**

**Lab ID: 1502812-29**

**Volatile Organic Compounds by EPA 8260B**

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chloroethane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
Chloroform	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
Chloromethane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
cis-1,2-Dichloroethene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
cis-1,3-Dichloropropene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
Dibromochloromethane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
Dibromomethane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
Dichlorodifluoromethane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
Ethylbenzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
Hexachlorobutadiene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
Isopropylbenzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
m,p-Xylene	ND	10	1	B5H0475	08/18/2015	08/18/15 18:40	
Methylene chloride	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
n-Butylbenzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
n-Propylbenzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
Naphthalene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
o-Xylene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
sec-Butylbenzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
Styrene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
tert-Butylbenzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
Tetrachloroethene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
Toluene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
trans-1,2-Dichloroethene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
Trichloroethene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
Trichlorofluoromethane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
Vinyl chloride	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:40	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>77.1 %</i>	<i>20 - 189</i>		B5H0475	08/18/2015	<i>08/18/15 18:40</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>107 %</i>	<i>20 - 173</i>		B5H0475	08/18/2015	<i>08/18/15 18:40</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>92.5 %</i>	<i>26 - 178</i>		B5H0475	08/18/2015	<i>08/18/15 18:40</i>	
<i>Surrogate: Toluene-d8</i>	<i>83.3 %</i>	<i>31 - 166</i>		B5H0475	08/18/2015	<i>08/18/15 18:40</i>	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-10-2**

**Lab ID: 1502812-29**

### Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
1,2-Dichlorobenzene	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
1,3-Dichlorobenzene	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
1,4-Dichlorobenzene	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
2,4,5-Trichlorophenol	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
2,4,6-Trichlorophenol	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
2,4-Dichlorophenol	ND	1600	1	B5H0488	08/19/2015	08/21/15 17:30	
2,4-Dimethylphenol	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
2,4-Dinitrophenol	ND	1600	1	B5H0488	08/19/2015	08/21/15 17:30	
2,4-Dinitrotoluene	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
2,6-Dinitrotoluene	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
2-Chloronaphthalene	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
2-Chlorophenol	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
2-Methylnaphthalene	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
2-Methylphenol	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
2-Nitroaniline	ND	1600	1	B5H0488	08/19/2015	08/21/15 17:30	
2-Nitrophenol	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
3,3'-Dichlorobenzidine	ND	660	1	B5H0488	08/19/2015	08/21/15 17:30	
3-Nitroaniline	ND	1600	1	B5H0488	08/19/2015	08/21/15 17:30	
4,6-Dinitro-2-methylphenol	ND	1600	1	B5H0488	08/19/2015	08/21/15 17:30	
4-Bromophenyl-phenylether	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
4-Chloro-3-methylphenol	ND	660	1	B5H0488	08/19/2015	08/21/15 17:30	
4-Chloroaniline	ND	660	1	B5H0488	08/19/2015	08/21/15 17:30	
4-Chlorophenyl-phenylether	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
4-Methylphenol	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
4-Nitroaniline	ND	1600	1	B5H0488	08/19/2015	08/21/15 17:30	
4-Nitrophenol	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
Acenaphthene	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
Acenaphthylene	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
Anthracene	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
Benzidine (M)	ND	1600	1	B5H0488	08/19/2015	08/21/15 17:30	
Benzo(a)anthracene	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
Benzo(a)pyrene	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
Benzo(b)fluoranthene	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
Benzo(g,h,i)perylene	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
Benzo(k)fluoranthene	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
Benzoic acid	ND	1600	1	B5H0488	08/19/2015	08/21/15 17:30	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-10-2**

**Lab ID: 1502812-29**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Benzyl alcohol	ND	660	1	B5H0488	08/19/2015	08/21/15 17:30	
bis(2-chloroethoxy)methane	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
bis(2-Chloroethyl)ether	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
bis(2-chloroisopropyl)ether	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
bis(2-ethylhexyl)phthalate	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
Butylbenzylphthalate	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
Chrysene	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
Di-n-butylphthalate	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
Di-n-octylphthalate	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
Dibenz(a,h)anthracene	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
Dibenzofuran	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
Diethyl phthalate	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
Dimethyl phthalate	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
Fluoranthene	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
Fluorene	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
Hexachlorobenzene	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
Hexachlorobutadiene	ND	660	1	B5H0488	08/19/2015	08/21/15 17:30	
Hexachlorocyclopentadiene	ND	660	1	B5H0488	08/19/2015	08/21/15 17:30	
Hexachloroethane	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
Indeno(1,2,3-cd)pyrene	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
Isophorone	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
N-Nitroso-di-n propylamine	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
N-Nitrosodiphenylamine	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
Naphthalene	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
Nitrobenzene	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
Pentachlorophenol	ND	1600	1	B5H0488	08/19/2015	08/21/15 17:30	
Phenanthrene	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
Phenol	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
Pyrene	ND	330	1	B5H0488	08/19/2015	08/21/15 17:30	
Pyridine	ND	1600	1	B5H0488	08/19/2015	08/21/15 17:30	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	63.8 %	24 - 114		B5H0488	08/19/2015	08/21/15 17:30	
<i>Surrogate: 2,4,6-Tribromophenol</i>	92.4 %	0 - 189		B5H0488	08/19/2015	08/21/15 17:30	
<i>Surrogate: 2-Chlorophenol-d4</i>	67.3 %	23 - 123		B5H0488	08/19/2015	08/21/15 17:30	
<i>Surrogate: 2-Fluorobiphenyl</i>	80.9 %	28 - 128		B5H0488	08/19/2015	08/21/15 17:30	
<i>Surrogate: 2-Fluorophenol</i>	63.5 %	8 - 138		B5H0488	08/19/2015	08/21/15 17:30	
<i>Surrogate: 4-Terphenyl-d14</i>	85.8 %	27 - 154		B5H0488	08/19/2015	08/21/15 17:30	
<i>Surrogate: Nitrobenzene-d5</i>	74.7 %	19 - 129		B5H0488	08/19/2015	08/21/15 17:30	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-10-2**

**Lab ID: 1502812-29**

### Semivolatile Organic Compounds by EPA 8270C

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: Phenol-d5</i>	71.2 %	20 - 126		B5H0488	08/19/2015	08/21/15 17:30	



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-10-5**

**Lab ID: 1502812-30**

**Title 22 Metals by ICP-AES EPA 6010B**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B5H0454	08/18/2015	08/19/15 12:06	
<b>Arsenic</b>	<b>3.9</b>	1.0	1	B5H0454	08/18/2015	08/19/15 12:06	
<b>Barium</b>	<b>96</b>	1.0	1	B5H0454	08/18/2015	08/19/15 12:06	
Beryllium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 12:06	
Cadmium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 12:06	
<b>Chromium</b>	<b>20</b>	1.0	1	B5H0454	08/18/2015	08/19/15 12:06	
<b>Cobalt</b>	<b>6.2</b>	1.0	1	B5H0454	08/18/2015	08/19/15 12:06	
<b>Copper</b>	<b>17</b>	2.0	1	B5H0454	08/18/2015	08/19/15 12:06	
<b>Lead</b>	<b>41</b>	1.0	1	B5H0454	08/18/2015	08/19/15 12:06	
Molybdenum	ND	1.0	1	B5H0454	08/18/2015	08/19/15 12:06	
<b>Nickel</b>	<b>14</b>	1.0	1	B5H0454	08/18/2015	08/19/15 12:06	
Selenium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 12:06	
Silver	ND	1.0	1	B5H0454	08/18/2015	08/19/15 12:06	
Thallium	ND	1.0	1	B5H0454	08/18/2015	08/19/15 12:06	
<b>Vanadium</b>	<b>35</b>	1.0	1	B5H0454	08/18/2015	08/19/15 12:06	
<b>Zinc</b>	<b>64</b>	1.0	1	B5H0454	08/18/2015	08/19/15 12:06	

**Mercury by AA (Cold Vapor) EPA 7471A**

**Analyst: RR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	1	B5H0456	08/18/2015	08/19/15 14:43	

**Gasoline Range Organics by EPA 8015B (Modified)**

**Analyst: BT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B5H0652	08/14/2015	08/25/15 00:43	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>66.8 %</i>	<i>37 - 153</i>		B5H0652	08/14/2015	<i>08/25/15 00:43</i>	

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<b>DRO</b>	<b>65</b>	10	1	B5H0544	08/20/2015	08/25/15 10:13	
<b>ORO</b>	<b>110</b>	10	1	B5H0544	08/20/2015	08/25/15 10:13	



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-10-5**

**Lab ID: 1502812-30**

**Diesel Range Organics by EPA 8015B**

**Analyst: CR**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: p-Terphenyl</i>	78.9 %	49 - 142		B5H0544	08/20/2015	08/25/15 10:13	

**Volatile Organic Compounds by EPA 8260B**

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
1,1,1-Trichloroethane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
1,1,2-Trichloroethane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
1,1-Dichloroethane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
1,1-Dichloroethene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
1,1-Dichloropropene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
1,2,3-Trichloropropane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
1,2,3-Trichlorobenzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
1,2,4-Trichlorobenzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
1,2,4-Trimethylbenzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
1,2-Dibromo-3-chloropropane	ND	10	1	B5H0475	08/18/2015	08/18/15 18:58	
1,2-Dibromoethane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
1,2-Dichlorobenzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
1,2-Dichloroethane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
1,2-Dichloropropane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
1,3,5-Trimethylbenzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
1,3-Dichlorobenzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
1,3-Dichloropropane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
1,4-Dichlorobenzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
2,2-Dichloropropane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
2-Chlorotoluene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
4-Chlorotoluene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
4-Isopropyltoluene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
Benzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
Bromobenzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
Bromodichloromethane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
Bromoform	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
Bromomethane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
Carbon tetrachloride	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
Chlorobenzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	





## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
Report To : Scott Nunez  
Reported : 08/27/2015

**Client Sample ID B-10-5**

**Lab ID: 1502812-30**

**Volatile Organic Compounds by EPA 8260B**

**Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Chloroethane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
Chloroform	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
Chloromethane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
cis-1,2-Dichloroethene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
cis-1,3-Dichloropropene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
Dibromochloromethane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
Dibromomethane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
Dichlorodifluoromethane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
Ethylbenzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
Hexachlorobutadiene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
Isopropylbenzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
m,p-Xylene	ND	10	1	B5H0475	08/18/2015	08/18/15 18:58	
Methylene chloride	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
n-Butylbenzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
n-Propylbenzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
Naphthalene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
o-Xylene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
sec-Butylbenzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
Styrene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
tert-Butylbenzene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
Tetrachloroethene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
Toluene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
trans-1,2-Dichloroethene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
Trichloroethene	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
Trichlorofluoromethane	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
Vinyl chloride	ND	5.0	1	B5H0475	08/18/2015	08/18/15 18:58	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>79.4 %</i>	<i>20 - 189</i>		B5H0475	08/18/2015	<i>08/18/15 18:58</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>104 %</i>	<i>20 - 173</i>		B5H0475	08/18/2015	<i>08/18/15 18:58</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>92.7 %</i>	<i>26 - 178</i>		B5H0475	08/18/2015	<i>08/18/15 18:58</i>	
<i>Surrogate: Toluene-d8</i>	<i>83.0 %</i>	<i>31 - 166</i>		B5H0475	08/18/2015	<i>08/18/15 18:58</i>	



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

**Client Sample ID B-10-5**

**Lab ID: 1502812-30**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
1,2-Dichlorobenzene	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
1,3-Dichlorobenzene	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
1,4-Dichlorobenzene	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
2,4,5-Trichlorophenol	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
2,4,6-Trichlorophenol	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
2,4-Dichlorophenol	ND	8200	5	B5H0488	08/19/2015	08/21/15 17:59	D1
2,4-Dimethylphenol	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
2,4-Dinitrophenol	ND	8200	5	B5H0488	08/19/2015	08/21/15 17:59	D1
2,4-Dinitrotoluene	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
2,6-Dinitrotoluene	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
2-Chloronaphthalene	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
2-Chlorophenol	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
2-Methylnaphthalene	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
2-Methylphenol	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
2-Nitroaniline	ND	8200	5	B5H0488	08/19/2015	08/21/15 17:59	D1
2-Nitrophenol	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
3,3'-Dichlorobenzidine	ND	3300	5	B5H0488	08/19/2015	08/21/15 17:59	D1
3-Nitroaniline	ND	8200	5	B5H0488	08/19/2015	08/21/15 17:59	D1
4,6-Dinitro-2-methylphenol	ND	8200	5	B5H0488	08/19/2015	08/21/15 17:59	D1
4-Bromophenyl-phenylether	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
4-Chloro-3-methylphenol	ND	3300	5	B5H0488	08/19/2015	08/21/15 17:59	D1
4-Chloroaniline	ND	3300	5	B5H0488	08/19/2015	08/21/15 17:59	D1
4-Chlorophenyl-phenylether	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
4-Methylphenol	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
4-Nitroaniline	ND	8200	5	B5H0488	08/19/2015	08/21/15 17:59	D1
4-Nitrophenol	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Acenaphthene	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Acenaphthylene	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Anthracene	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Benzidine (M)	ND	8200	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Benzo(a)anthracene	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Benzo(a)pyrene	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Benzo(b)fluoranthene	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Benzo(g,h,i)perylene	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Benzo(k)fluoranthene	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Benzoic acid	ND	8200	5	B5H0488	08/19/2015	08/21/15 17:59	D1



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank , CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

**Client Sample ID B-10-5**

**Lab ID: 1502812-30**

### Semivolatile Organic Compounds by EPA 8270C

Analyst: BD

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Benzyl alcohol	ND	3300	5	B5H0488	08/19/2015	08/21/15 17:59	D1
bis(2-chloroethoxy)methane	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
bis(2-Chloroethyl)ether	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
bis(2-chloroisopropyl)ether	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
bis(2-ethylhexyl)phthalate	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Butylbenzylphthalate	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Chrysene	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Di-n-butylphthalate	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Di-n-octylphthalate	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Dibenz(a,h)anthracene	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Dibenzofuran	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Diethyl phthalate	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Dimethyl phthalate	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Fluoranthene	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Fluorene	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Hexachlorobenzene	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Hexachlorobutadiene	ND	3300	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Hexachlorocyclopentadiene	ND	3300	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Hexachloroethane	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Indeno(1,2,3-cd)pyrene	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Isophorone	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
N-Nitroso-di-n propylamine	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
N-Nitrosodiphenylamine	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Naphthalene	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Nitrobenzene	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Pentachlorophenol	ND	8200	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Phenanthrene	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Phenol	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Pyrene	ND	1600	5	B5H0488	08/19/2015	08/21/15 17:59	D1
Pyridine	ND	8200	5	B5H0488	08/19/2015	08/21/15 17:59	D1
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>66.7 %</i>	<i>24 - 114</i>		B5H0488	08/19/2015	<i>08/21/15 17:59</i>	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>75.7 %</i>	<i>0 - 189</i>		B5H0488	08/19/2015	<i>08/21/15 17:59</i>	
<i>Surrogate: 2-Chlorophenol-d4</i>	<i>67.7 %</i>	<i>23 - 123</i>		B5H0488	08/19/2015	<i>08/21/15 17:59</i>	
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>74.5 %</i>	<i>28 - 128</i>		B5H0488	08/19/2015	<i>08/21/15 17:59</i>	
<i>Surrogate: 2-Fluorophenol</i>	<i>67.3 %</i>	<i>8 - 138</i>		B5H0488	08/19/2015	<i>08/21/15 17:59</i>	
<i>Surrogate: 4-Terphenyl-d14</i>	<i>77.6 %</i>	<i>27 - 154</i>		B5H0488	08/19/2015	<i>08/21/15 17:59</i>	
<i>Surrogate: Nitrobenzene-d5</i>	<i>73.0 %</i>	<i>19 - 129</i>		B5H0488	08/19/2015	<i>08/21/15 17:59</i>	



### Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
Report To : Scott Nunez  
Reported : 08/27/2015

**Client Sample ID B-10-5**

**Lab ID: 1502812-30**

**Semivolatile Organic Compounds by EPA 8270C**

**Analyst: BD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<i>Surrogate: Phenol-d5</i>	70.7 %	20 - 126		B5H0488	08/19/2015	08/21/15 17:59	



## Certificate of Analysis

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 Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240  
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 Reported : 08/27/2015

### QUALITY CONTROL SECTION

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

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0453 - EPA 3050B\_S**

**Blank (B5H0453-BLK1)**

Prepared: 8/18/2015 Analyzed: 8/19/2015

Antimony	ND	2.0			NR
Arsenic	ND	1.0			NR
Barium	ND	1.0			NR
Beryllium	ND	1.0			NR
Cadmium	ND	1.0			NR
Chromium	ND	1.0			NR
Cobalt	ND	1.0			NR
Copper	ND	2.0			NR
Lead	ND	1.0			NR
Molybdenum	ND	1.0			NR
Nickel	ND	1.0			NR
Selenium	ND	1.0			NR
Silver	ND	1.0			NR
Thallium	ND	1.0			NR
Vanadium	ND	1.0			NR
Zinc	ND	1.0			NR

**LCS (B5H0453-BS1)**

Prepared: 8/18/2015 Analyzed: 8/19/2015

Antimony	47.8293	2.0	50.0000		95.7	80 - 120
Arsenic	46.2270	1.0	50.0000		92.5	80 - 120
Barium	50.2224	1.0	50.0000		100	80 - 120
Beryllium	48.2355	1.0	50.0000		96.5	80 - 120
Cadmium	47.6037	1.0	50.0000		95.2	80 - 120
Chromium	50.7744	1.0	50.0000		102	80 - 120
Cobalt	49.0294	1.0	50.0000		98.1	80 - 120
Copper	48.3965	2.0	50.0000		96.8	80 - 120
Lead	47.4791	1.0	50.0000		95.0	80 - 120
Molybdenum	49.3805	1.0	50.0000		98.8	80 - 120
Nickel	48.2875	1.0	50.0000		96.6	80 - 120
Selenium	44.3190	1.0	50.0000		88.6	80 - 120
Silver	47.1422	1.0	50.0000		94.3	80 - 120
Thallium	47.6640	1.0	50.0000		95.3	80 - 120
Vanadium	49.3487	1.0	50.0000		98.7	80 - 120
Zinc	45.4686	1.0	50.0000		90.9	80 - 120

**Matrix Spike (B5H0453-MS1)**

Source: 1502701-07

Prepared: 8/18/2015 Analyzed: 8/19/2015

Antimony	91.7680	2.0	125.000	0.894602	72.7	28 - 106
Arsenic	104.057	1.0	125.000	1.80293	81.8	57 - 109
Barium	171.670	1.0	125.000	66.2904	84.3	18 - 159
Beryllium	106.080	1.0	125.000	0.344060	84.6	61 - 107



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

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

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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### Batch B5H0453 - EPA 3050B\_S (continued)

#### Matrix Spike (B5H0453-MS1) - Continued

Source: 1502701-07

Prepared: 8/18/2015 Analyzed: 8/19/2015

Cadmium	99.1829	1.0	125.000	0.276394	79.1	53 - 104			
Chromium	118.560	1.0	125.000	10.4362	86.5	53 - 121			
Cobalt	105.246	1.0	125.000	3.65374	81.3	55 - 109			
Copper	119.869	2.0	125.000	8.85776	88.8	58 - 124			
Lead	157.228	1.0	125.000	45.7054	89.2	35 - 129			
Molybdenum	105.291	1.0	125.000	ND	84.2	57 - 108			
Nickel	109.759	1.0	125.000	8.85192	80.7	44 - 122			
Selenium	99.3091	1.0	125.000	ND	79.4	54 - 104			
Silver	108.845	1.0	125.000	ND	87.1	60 - 112			
Thallium	93.9984	1.0	125.000	ND	75.2	50 - 103			
Vanadium	131.718	1.0	125.000	20.3537	89.1	54 - 123			
Zinc	126.012	1.0	125.000	27.9821	78.4	29 - 132			

#### Matrix Spike Dup (B5H0453-MSD1)

Source: 1502701-07

Prepared: 8/18/2015 Analyzed: 8/19/2015

Antimony	95.5687	2.0	125.000	0.894602	75.7	28 - 106	4.06	20	
Arsenic	104.486	1.0	125.000	1.80293	82.1	57 - 109	0.411	20	
Barium	160.040	1.0	125.000	66.2904	75.0	18 - 159	7.01	20	
Beryllium	107.117	1.0	125.000	0.344060	85.4	61 - 107	0.972	20	
Cadmium	101.751	1.0	125.000	0.276394	81.2	53 - 104	2.56	20	
Chromium	119.308	1.0	125.000	10.4362	87.1	53 - 121	0.629	20	
Cobalt	107.223	1.0	125.000	3.65374	82.9	55 - 109	1.86	20	
Copper	119.281	2.0	125.000	8.85776	88.3	58 - 124	0.492	20	
Lead	137.144	1.0	125.000	45.7054	73.2	35 - 129	13.6	20	
Molybdenum	106.876	1.0	125.000	ND	85.5	57 - 108	1.49	20	
Nickel	110.713	1.0	125.000	8.85192	81.5	44 - 122	0.866	20	
Selenium	100.053	1.0	125.000	ND	80.0	54 - 104	0.747	20	
Silver	109.916	1.0	125.000	ND	87.9	60 - 112	0.979	20	
Thallium	95.9364	1.0	125.000	ND	76.7	50 - 103	2.04	20	
Vanadium	131.801	1.0	125.000	20.3537	89.2	54 - 123	0.0631	20	
Zinc	122.478	1.0	125.000	27.9821	75.6	29 - 132	2.84	20	

### Batch B5H0454 - EPA 3050B\_S

#### Blank (B5H0454-BLK1)

Prepared: 8/18/2015 Analyzed: 8/19/2015

Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				



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Project Number : Park to Playa Seg C Soil Sampling, A9240  
Report To : Scott Nunez  
Reported : 08/27/2015

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

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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**Batch B5H0454 - EPA 3050B\_S (continued)**

**Blank (B5H0454-BLK1) - Continued**

Prepared: 8/18/2015 Analyzed: 8/19/2015

Copper	ND	2.0			NR
Lead	ND	1.0			NR
Molybdenum	ND	1.0			NR
Nickel	ND	1.0			NR
Selenium	ND	1.0			NR
Silver	ND	1.0			NR
Thallium	ND	1.0			NR
Vanadium	ND	1.0			NR
Zinc	ND	1.0			NR

**LCS (B5H0454-BS1)**

Prepared: 8/18/2015 Analyzed: 8/19/2015

Antimony	46.5818	2.0	50.0000		93.2	80 - 120
Arsenic	46.2950	1.0	50.0000		92.6	80 - 120
Barium	48.8716	1.0	50.0000		97.7	80 - 120
Beryllium	48.8172	1.0	50.0000		97.6	80 - 120
Cadmium	47.5325	1.0	50.0000		95.1	80 - 120
Chromium	45.1413	1.0	50.0000		90.3	80 - 120
Cobalt	48.3468	1.0	50.0000		96.7	80 - 120
Copper	47.1812	2.0	50.0000		94.4	80 - 120
Lead	47.0272	1.0	50.0000		94.1	80 - 120
Molybdenum	48.5786	1.0	50.0000		97.2	80 - 120
Nickel	47.5803	1.0	50.0000		95.2	80 - 120
Selenium	44.1259	1.0	50.0000		88.3	80 - 120
Silver	46.3234	1.0	50.0000		92.6	80 - 120
Thallium	45.9502	1.0	50.0000		91.9	80 - 120
Vanadium	47.9847	1.0	50.0000		96.0	80 - 120
Zinc	44.8024	1.0	50.0000		89.6	80 - 120

**Matrix Spike (B5H0454-MS1)**

**Source: 1502812-12**

Prepared: 8/18/2015 Analyzed: 8/19/2015

Antimony	74.9902	2.0	125.628	ND	59.7	28 - 106
Arsenic	102.181	1.0	125.628	2.55233	79.3	57 - 109
Barium	178.452	1.0	125.628	73.3480	83.7	18 - 159
Beryllium	99.8666	1.0	125.628	0.767710	78.9	61 - 107
Cadmium	96.5270	1.0	125.628	ND	76.8	53 - 104
Chromium	106.890	1.0	125.628	14.4920	73.5	53 - 121
Cobalt	105.195	1.0	125.628	6.46416	78.6	55 - 109
Copper	118.664	2.0	125.628	8.68303	87.5	58 - 124
Lead	97.4173	1.0	125.628	2.22821	75.8	35 - 129
Molybdenum	101.129	1.0	125.628	ND	80.5	57 - 108
Nickel	109.785	1.0	125.628	13.2932	76.8	44 - 122
Selenium	95.8078	1.0	125.628	ND	76.3	54 - 104
Silver	105.120	1.0	125.628	ND	83.7	60 - 112



## Certificate of Analysis

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 Reported : 08/27/2015

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

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0454 - EPA 3050B\_S (continued)**

**Matrix Spike (B5H0454-MS1) - Continued**

**Source: 1502812-12**

Prepared: 8/18/2015 Analyzed: 8/19/2015

Thallium	91.7284	1.0	125.628	ND	73.0	50 - 103			
Vanadium	141.184	1.0	125.628	37.1549	82.8	54 - 123			
Zinc	129.802	1.0	125.628	36.5063	74.3	29 - 132			

**Matrix Spike Dup (B5H0454-MSD1)**

**Source: 1502812-12**

Prepared: 8/18/2015 Analyzed: 8/19/2015

Antimony	71.7654	2.0	125.000	ND	57.4	28 - 106	4.39	20	
Arsenic	100.691	1.0	125.000	2.55233	78.5	57 - 109	1.47	20	
Barium	176.245	1.0	125.000	73.3480	82.3	18 - 159	1.24	20	
Beryllium	98.5338	1.0	125.000	0.767710	78.2	61 - 107	1.34	20	
Cadmium	94.7978	1.0	125.000	ND	75.8	53 - 104	1.81	20	
Chromium	105.159	1.0	125.000	14.4920	72.5	53 - 121	1.63	20	
Cobalt	103.232	1.0	125.000	6.46416	77.4	55 - 109	1.88	20	
Copper	116.497	2.0	125.000	8.68303	86.3	58 - 124	1.84	20	
Lead	95.8018	1.0	125.000	2.22821	74.9	35 - 129	1.67	20	
Molybdenum	99.4554	1.0	125.000	ND	79.6	57 - 108	1.67	20	
Nickel	107.594	1.0	125.000	13.2932	75.4	44 - 122	2.02	20	
Selenium	93.4078	1.0	125.000	ND	74.7	54 - 104	2.54	20	
Silver	103.200	1.0	125.000	ND	82.6	60 - 112	1.84	20	
Thallium	90.1652	1.0	125.000	ND	72.1	50 - 103	1.72	20	
Vanadium	138.552	1.0	125.000	37.1549	81.1	54 - 123	1.88	20	
Zinc	127.228	1.0	125.000	36.5063	72.6	29 - 132	2.00	20	





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 Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

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

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0455 - EPA 7471\_S**

<b>Blank (B5H0455-BLK1)</b>				Prepared: 8/18/2015 Analyzed: 8/19/2015					
Mercury	ND	0.10			NR				
<b>LCS (B5H0455-BS1)</b>				Prepared: 8/18/2015 Analyzed: 8/19/2015					
Mercury	0.789507	0.10	0.833333		94.7	80 - 120			
<b>Matrix Spike (B5H0455-MS1)</b>				<b>Source: 1502701-07</b>		Prepared: 8/18/2015 Analyzed: 8/19/2015			
Mercury	0.832159	0.10	0.833333	0.018687	97.6	70 - 130			
<b>Matrix Spike Dup (B5H0455-MSD1)</b>				<b>Source: 1502701-07</b>		Prepared: 8/18/2015 Analyzed: 8/19/2015			
Mercury	0.819099	0.10	0.833333	0.018687	96.0	70 - 130	1.58	20	
<b>Post Spike (B5H0455-PS1)</b>				<b>Source: 1502701-07</b>		Prepared: 8/18/2015 Analyzed: 8/19/2015			
Mercury	0.005170		5.00000E-3	2.242E-4	98.9	85 - 115			

**Batch B5H0456 - EPA 7471\_S**

<b>Blank (B5H0456-BLK1)</b>				Prepared: 8/18/2015 Analyzed: 8/19/2015					
Mercury	ND	0.10			NR				
<b>LCS (B5H0456-BS1)</b>				Prepared: 8/18/2015 Analyzed: 8/19/2015					
Mercury	0.805218	0.10	0.833333		96.6	80 - 120			
<b>Matrix Spike (B5H0456-MS1)</b>				<b>Source: 1502812-12</b>		Prepared: 8/18/2015 Analyzed: 8/19/2015			
Mercury	0.891679	0.10	0.833333	0.041713	102	70 - 130			
<b>Matrix Spike Dup (B5H0456-MSD1)</b>				<b>Source: 1502812-12</b>		Prepared: 8/18/2015 Analyzed: 8/19/2015			
Mercury	0.854362	0.10	0.833333	0.041713	97.5	70 - 130	4.27	20	
<b>Post Spike (B5H0456-PS1)</b>				<b>Source: 1502812-12</b>		Prepared: 8/18/2015 Analyzed: 8/19/2015			
Mercury	0.006011		5.00000E-3	0.000501	110	85 - 115			



## Certificate of Analysis

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 Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

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

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
<b>Batch B5H0617 - GCVOA_S</b>									
<b>Blank (B5H0617-BLK1)</b>				Prepared: 8/23/2015 Analyzed: 8/23/2015					
Gasoline Range Organics	ND	1.0			NR				
<i>Surrogate: 4-Bromofluorobenzene</i>	0.1816		0.200000		90.8	37 - 153			
<b>LCS (B5H0617-BS1)</b>				Prepared: 8/23/2015 Analyzed: 8/23/2015					
Gasoline Range Organics	5.06600	1.0	5.00000		101	70 - 130			
<i>Surrogate: 4-Bromofluorobenzene</i>	0.1811		0.200000		90.5	37 - 153			
<b>Matrix Spike (B5H0617-MS1)</b>				<b>Source: 1502805-03</b>		Prepared: 8/23/2015 Analyzed: 8/23/2015			
Gasoline Range Organics	6.14600	1.0	5.00000	ND	123	20 - 130			
<i>Surrogate: 4-Bromofluorobenzene</i>	0.1729		0.200000		86.4	37 - 153			
<b>Matrix Spike Dup (B5H0617-MSD1)</b>				<b>Source: 1502805-03</b>		Prepared: 8/23/2015 Analyzed: 8/23/2015			
Gasoline Range Organics	6.32500	1.0	5.00000	ND	126	20 - 130	2.87	20	
<i>Surrogate: 4-Bromofluorobenzene</i>	0.1747		0.200000		87.3	37 - 153			
<b>Batch B5H0628 - GCVOA_S</b>									
<b>Blank (B5H0628-BLK1)</b>				Prepared: 8/24/2015 Analyzed: 8/24/2015					
Gasoline Range Organics	ND	1.0			NR				
<i>Surrogate: 4-Bromofluorobenzene</i>	0.1821		0.200000		91.0	37 - 153			
<b>LCS (B5H0628-BS1)</b>				Prepared: 8/24/2015 Analyzed: 8/24/2015					
Gasoline Range Organics	4.74000	1.0	5.00000		94.8	70 - 130			
<i>Surrogate: 4-Bromofluorobenzene</i>	0.1846		0.200000		92.3	37 - 153			
<b>Duplicate (B5H0628-DUP1)</b>				<b>Source: 1502823-03</b>		Prepared: 8/24/2015 Analyzed: 8/24/2015			
Gasoline Range Organics	ND	1.0		ND	NR			20	
<i>Surrogate: 4-Bromofluorobenzene</i>	0.1663		0.200000		83.2	37 - 153			
<b>Matrix Spike (B5H0628-MS1)</b>				<b>Source: 1502823-03</b>		Prepared: 8/24/2015 Analyzed: 8/24/2015			
Gasoline Range Organics	2.09200	1.0	5.00000	ND	41.8	20 - 130			
<i>Surrogate: 4-Bromofluorobenzene</i>	0.1396		0.200000		69.8	37 - 153			



## Certificate of Analysis

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 Burbank , CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240  
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 Reported : 08/27/2015

### Gasoline Range Organics by EPA 8015B (Modified) - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0628 - GCVOA\_S (continued)**

**Matrix Spike Dup (B5H0628-MSD1)**

Source: 1502823-03

Prepared: 8/24/2015 Analyzed: 8/24/2015

Gasoline Range Organics	2.10900	1.0	5.00000	ND	42.2	20 - 130	0.809	20	
Surrogate: 4-Bromofluorobenzene	0.1469		0.200000		73.5	37 - 153			



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### Gasoline Range Organics by EPA 8015B (Modified) - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0652 - GCVOA\_S**

**Blank (B5H0652-BLK1)**

Prepared: 8/24/2015 Analyzed: 8/24/2015

Gasoline Range Organics	ND	1.0			NR				
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.1768</i>		<i>0.200000</i>		<i>88.4</i>	<i>37 - 153</i>			



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Report To : Scott Nunez

Reported : 08/27/2015

### Gasoline Range Organics by EPA 8015B (Modified) - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0652 - GCVOA\_S (continued)**

**LCS (B5H0652-BS1)**

Prepared: 8/24/2015 Analyzed: 8/24/2015

Gasoline Range Organics	4.65300	1.0	5.00000		93.1	70 - 130		
Surrogate: 4-Bromofluorobenzene	0.1830		0.200000		91.5	37 - 153		



## Certificate of Analysis

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Report To : Scott Nunez

Reported : 08/27/2015

### Gasoline Range Organics by EPA 8015B (Modified) - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0652 - GCVOA\_S (continued)**

**Matrix Spike (B5H0652-MS1)**

**Source: 1502812-10**

Prepared: 8/24/2015 Analyzed: 8/24/2015

Gasoline Range Organics	4.31000	1.0	5.00000	ND	86.2	20 - 130			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.1464</i>		<i>0.200000</i>		<i>73.2</i>	<i>37 - 153</i>			



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Report To : Scott Nunez

Reported : 08/27/2015

### Gasoline Range Organics by EPA 8015B (Modified) - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0652 - GCVOA\_S (continued)**

**Matrix Spike Dup (B5H0652-MSD1)**

Source: 1502812-10

Prepared: 8/24/2015 Analyzed: 8/24/2015

Gasoline Range Organics	2.44800	1.0	5.00000	ND	49.0	20 - 130	55.1	20	R
Surrogate: 4-Bromofluorobenzene	0.1432		0.200000		71.6	37 - 153			



## Certificate of Analysis

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 Reported : 08/27/2015

### Diesel Range Organics by EPA 8015B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0543 - GCSEMI\_DRO\_S**

**Blank (B5H0543-BLK1)**

Prepared: 8/20/2015 Analyzed: 8/26/2015

DRO	ND	10				NR			
ORO	ND	10				NR			
<i>Surrogate: p-Terphenyl</i>	77.36		80.0000		96.7	49 - 142			





## Certificate of Analysis

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Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

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

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0543 - GCSEMI\_DRO\_S (continued)**

LCS (B5H0543-BS1)

Prepared: 8/20/2015 Analyzed: 8/26/2015

DRO	1150.19	10	1000.00		115	48 - 155
Surrogate: <i>p</i> -Terphenyl	79.64		80.0000		99.6	49 - 142



## Certificate of Analysis

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Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

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

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0543 - GCSEMI\_DRO\_S (continued)**

**Matrix Spike (B5H0543-MS1)**

**Source: 1502812-06**

Prepared: 8/20/2015 Analyzed: 8/25/2015

DRO	648.850	10	1000.00	ND	64.9	30 - 173			
Surrogate: <i>p</i> -Terphenyl	39.42		80.0000		49.3	49 - 142			



## Certificate of Analysis

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Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

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

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0543 - GCSEMI\_DRO\_S (continued)**

**Matrix Spike Dup (B5H0543-MSD1)**

**Source: 1502812-06**

Prepared: 8/20/2015 Analyzed: 8/25/2015

DRO	574.520	10	1000.00	ND	57.5	30 - 173	12.2	20	
Surrogate: <i>p</i> -Terphenyl	54.86		80.0000		68.6	49 - 142			



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

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

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0544 - GCSEMI\_DRO\_S**

**Blank (B5H0544-BLK1)**

Prepared: 8/20/2015 Analyzed: 8/24/2015

DRO	ND	10				NR			
ORO	ND	10				NR			
<i>Surrogate: p-Terphenyl</i>	67.22		80.0000		84.0	49 - 142			



## Certificate of Analysis

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Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

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

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0544 - GCSEMI\_DRO\_S (continued)**

LCS (B5H0544-BS1)

Prepared: 8/20/2015 Analyzed: 8/23/2015

DRO	500.910	10	1000.00		50.1	48 - 155			
Surrogate: <i>p</i> -Terphenyl	45.76		80.0000		57.2	49 - 142			



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Reported : 08/27/2015

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

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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### Batch B5H0544 - GCSEMI\_DRO\_S (continued)

Matrix Spike (B5H0544-MS1)

Source: 1502812-21

Prepared: 8/20/2015 Analyzed: 8/24/2015

DRO	579.230	10	1000.00	ND	57.9	30 - 173			
Surrogate: <i>p</i> -Terphenyl	50.56		80.0000		63.2	49 - 142			



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Reported : 08/27/2015

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

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0544 - GCSEMI\_DRO\_S (continued)**

**Matrix Spike Dup (B5H0544-MSD1)**

**Source: 1502812-21**

Prepared: 8/20/2015 Analyzed: 8/24/2015

DRO	569.910	10	1000.00	ND	57.0	30 - 173	1.62	20	
<i>Surrogate: p-Terphenyl</i>	<i>51.18</i>		<i>80.0000</i>		<i>64.0</i>	<i>49 - 142</i>			



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Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

### Organochlorine Pesticides by EPA 8081 - Quality Control

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	Limits Limits	RPD RPD	RPD Limit	Notes
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**Batch B5H0559 - GCSEMI\_PCB/PEST\_S**

**Blank (B5H0559-BLK1)**

Prepared: 8/20/2015 Analyzed: 8/21/2015

4,4'-DDD	ND	2.0			NR				
4,4'-DDD [2C]	ND	2.0			NR				
4,4'-DDE	ND	2.0			NR				
4,4'-DDE [2C]	ND	2.0			NR				
4,4'-DDT	ND	2.0			NR				
4,4'-DDT [2C]	ND	2.0			NR				
Aldrin	ND	1.0			NR				
Aldrin [2C]	ND	1.0			NR				
alpha-BHC	ND	1.0			NR				
alpha-BHC [2C]	ND	1.0			NR				
alpha-Chlordane	ND	1.0			NR				
alpha-Chlordane [2C]	ND	1.0			NR				
beta-BHC	ND	1.0			NR				
beta-BHC [2C]	ND	1.0			NR				
Chlordane	ND	8.5			NR				
Chlordane [2C]	ND	8.5			NR				
delta-BHC	ND	1.0			NR				
delta-BHC [2C]	ND	1.0			NR				
Dieldrin	ND	2.0			NR				
Dieldrin [2C]	ND	2.0			NR				
Endosulfan I	ND	1.0			NR				
Endosulfan I [2C]	ND	1.0			NR				
Endosulfan II	ND	2.0			NR				
Endosulfan II [2C]	ND	2.0			NR				
Endosulfan sulfate	ND	2.0			NR				
Endosulfan Sulfate [2C]	ND	2.0			NR				
Endrin	ND	2.0			NR				
Endrin [2C]	ND	2.0			NR				
Endrin aldehyde	ND	2.0			NR				
Endrin aldehyde [2C]	ND	2.0			NR				
Endrin ketone	ND	2.0			NR				
Endrin ketone [2C]	ND	2.0			NR				
gamma-BHC	ND	1.0			NR				
gamma-BHC [2C]	ND	1.0			NR				
gamma-Chlordane	ND	1.0			NR				
gamma-Chlordane [2C]	ND	1.0			NR				
Heptachlor	ND	1.0			NR				
Heptachlor [2C]	ND	1.0			NR				
Heptachlor epoxide	ND	1.0			NR				
Heptachlor epoxide [2C]	ND	1.0			NR				
Methoxychlor	ND	5.0			NR				





## Certificate of Analysis

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 Reported : 08/27/2015

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

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0559 - GCSEMI\_PCB/PEST\_S (continued)**

**Blank (B5H0559-BLK1) - Continued**

Prepared: 8/20/2015 Analyzed: 8/21/2015

Methoxychlor [2C]	ND	5.0					NR		
Toxaphene	ND	50					NR		
Toxaphene [2C]	ND	50					NR		
<i>Surrogate: Decachlorobiphenyl</i>	<i>12.77</i>		<i>16.6667</i>				<i>76.6</i>	<i>16 - 137</i>	
<i>Surrogate: Decachlorobiphenyl [2C]</i>	<i>14.11</i>		<i>16.6667</i>				<i>84.7</i>	<i>16 - 137</i>	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>13.74</i>		<i>16.6667</i>				<i>82.4</i>	<i>16 - 105</i>	
<i>Surrogate: Tetrachloro-m-xylene [2C]</i>	<i>15.70</i>		<i>16.6667</i>				<i>94.2</i>	<i>16 - 105</i>	



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Reported : 08/27/2015

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

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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**Batch B5H0559 - GCSEMI\_PCB/PEST\_S (continued)**

**LCS (B5H0559-BS1)**

Prepared: 8/20/2015 Analyzed: 8/21/2015

4,4'-DDD	13.6622	2.0	16.6667		82.0	58 - 100			
4,4'-DDD [2C]	14.1397	2.0	16.6667		84.8	58 - 100			
4,4'-DDE	15.2305	2.0	16.6667		91.4	65 - 99			
4,4'-DDE [2C]	16.7967	2.0	16.6667		101	65 - 99			L3
4,4'-DDT	15.4215	2.0	16.6667		92.5	39 - 116			
4,4'-DDT [2C]	12.9328	2.0	16.6667		77.6	39 - 116			
Aldrin	13.8268	1.0	16.6667		83.0	57 - 94			
Aldrin [2C]	15.8920	1.0	16.6667		95.4	57 - 94			L3
alpha-BHC	12.5092	1.0	16.6667		75.1	58 - 84			
alpha-BHC [2C]	14.3177	1.0	16.6667		85.9	58 - 84			L3
alpha-Chlordane	14.0417	1.0	16.6667		84.2	58 - 96			
alpha-Chlordane [2C]	16.0493	1.0	16.6667		96.3	58 - 96			L3
beta-BHC	12.9747	1.0	16.6667		77.8	58 - 87			
beta-BHC [2C]	14.2635	1.0	16.6667		85.6	58 - 87			
delta-BHC	7.63650	1.0	16.6667		45.8	18 - 75			
delta-BHC [2C]	8.44167	1.0	16.6667		50.6	18 - 75			
Dieldrin	13.8577	2.0	16.6667		83.1	62 - 94			
Dieldrin [2C]	15.4357	2.0	16.6667		92.6	62 - 94			
Endosulfan I	13.1827	1.0	16.6667		79.1	58 - 90			
Endosulfan I [2C]	15.3448	1.0	16.6667		92.1	58 - 90			L3
Endosulfan II	13.4748	2.0	16.6667		80.8	63 - 95			
Endosulfan II [2C]	14.6893	2.0	16.6667		88.1	63 - 95			
Endosulfan sulfate	9.00633	2.0	16.6667		54.0	59 - 89			L4
Endosulfan Sulfate [2C]	9.73600	2.0	16.6667		58.4	59 - 89			L4
Endrin	13.9998	2.0	16.6667		84.0	64 - 96			
Endrin [2C]	15.3160	2.0	16.6667		91.9	64 - 96			
Endrin aldehyde	13.6875	2.0	16.6667		82.1	65 - 95			
Endrin aldehyde [2C]	15.8372	2.0	16.6667		95.0	65 - 95			L3
Endrin ketone	11.2328	2.0	16.6667		67.4	59 - 101			
Endrin ketone [2C]	11.2082	2.0	16.6667		67.2	59 - 101			
gamma-BHC	13.2912	1.0	16.6667		79.7	63 - 89			
gamma-BHC [2C]	14.8265	1.0	16.6667		89.0	63 - 89			
gamma-Chlordane	14.0628	1.0	16.6667		84.4	61 - 95			
gamma-Chlordane [2C]	15.9780	1.0	16.6667		95.9	61 - 95			L3
Heptachlor	14.1215	1.0	16.6667		84.7	65 - 102			
Heptachlor [2C]	15.1008	1.0	16.6667		90.6	65 - 102			
Heptachlor epoxide	14.0838	1.0	16.6667		84.5	61 - 95			
Heptachlor epoxide [2C]	16.0148	1.0	16.6667		96.1	61 - 95			L3
Methoxychlor	15.9145	5.0	16.6667		95.5	29 - 128			
Methoxychlor [2C]	10.7147	5.0	16.6667		64.3	29 - 128			
Surrogate: Decachlorobiphenyl	13.68		16.6667		82.1	16 - 137			



## Certificate of Analysis

Geocon West, Inc.

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Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

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

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0559 - GCSEMI\_PCB/PEST\_S (continued)**

**LCS (B5H0559-BS1) - Continued**

Prepared: 8/20/2015 Analyzed: 8/21/2015

Surrogate: Decachlorobiphenyl [2C]	14.67	16.6667	88.0	16 - 137
Surrogate: Tetrachloro-m-xylene	12.90	16.6667	77.4	16 - 105
Surrogate: Tetrachloro-m-xylene [2C]	15.23	16.6667	91.4	16 - 105



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

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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**Batch B5H0559 - GCSEMI\_PCB/PEST\_S (continued)**

Matrix Spike (B5H0559-MS1)	Source: 1502790-15			Prepared: 8/20/2015 Analyzed: 8/21/2015					
4,4'-DDD	12.7135	2.0	16.6667	ND	76.3	27 - 123			
4,4'-DDD [2C]	14.0125	2.0	16.6667	ND	84.1	27 - 123			
4,4'-DDE	13.8978	2.0	16.6667	ND	83.4	28 - 126			
4,4'-DDE [2C]	15.8692	2.0	16.6667	ND	95.2	28 - 126			
4,4'-DDT	14.9533	2.0	16.6667	ND	89.7	12 - 149			
4,4'-DDT [2C]	13.7257	2.0	16.6667	ND	82.4	12 - 149			
Aldrin	12.2520	1.0	16.6667	ND	73.5	29 - 116			
Aldrin [2C]	14.3695	1.0	16.6667	ND	86.2	29 - 116			
alpha-BHC	10.0933	1.0	16.6667	ND	60.6	27 - 104			
alpha-BHC [2C]	12.7875	1.0	16.6667	ND	76.7	27 - 104			
alpha-Chlordane	12.7042	1.0	16.6667	ND	76.2	14 - 130			
alpha-Chlordane [2C]	14.7797	1.0	16.6667	ND	88.7	14 - 130			
beta-BHC	11.5295	1.0	16.6667	ND	69.2	20 - 115			
beta-BHC [2C]	13.1970	1.0	16.6667	ND	79.2	20 - 115			
delta-BHC	6.65000	1.0	16.6667	ND	39.9	8 - 78			
delta-BHC [2C]	7.65317	1.0	16.6667	ND	45.9	8 - 78			
Dieldrin	12.5337	2.0	16.6667	ND	75.2	20 - 134			
Dieldrin [2C]	14.1070	2.0	16.6667	ND	84.6	20 - 134			
Endosulfan I	11.8997	1.0	16.6667	ND	71.4	27 - 114			
Endosulfan I [2C]	13.7755	1.0	16.6667	ND	82.7	27 - 114			
Endosulfan II	11.7935	2.0	16.6667	ND	70.8	16 - 125			
Endosulfan II [2C]	13.0583	2.0	16.6667	ND	78.3	16 - 125			
Endosulfan sulfate	7.04883	2.0	16.6667	ND	42.3	1 - 126			
Endosulfan Sulfate [2C]	7.97667	2.0	16.6667	ND	47.9	1 - 126			
Endrin	13.0055	2.0	16.6667	ND	78.0	33 - 122			
Endrin [2C]	14.4090	2.0	16.6667	ND	86.5	33 - 122			
Endrin aldehyde	8.87217	2.0	16.6667	ND	53.2	0 - 137			
Endrin aldehyde [2C]	9.83083	2.0	16.6667	ND	59.0	0 - 137			
Endrin ketone	10.0467	2.0	16.6667	ND	60.3	10 - 126			
Endrin ketone [2C]	10.3885	2.0	16.6667	ND	62.3	10 - 126			
gamma-BHC	11.3948	1.0	16.6667	ND	68.4	30 - 111			
gamma-BHC [2C]	13.1778	1.0	16.6667	ND	79.1	30 - 111			
gamma-Chlordane	12.6857	1.0	16.6667	ND	76.1	16 - 130			
gamma-Chlordane [2C]	14.6737	1.0	16.6667	ND	88.0	16 - 130			
Heptachlor	12.7442	1.0	16.6667	ND	76.5	34 - 127			
Heptachlor [2C]	14.0530	1.0	16.6667	ND	84.3	34 - 127			
Heptachlor epoxide	12.6065	1.0	16.6667	ND	75.6	19 - 130			
Heptachlor epoxide [2C]	14.3525	1.0	16.6667	ND	86.1	19 - 130			
Methoxychlor	14.7833	5.0	16.6667	ND	88.7	16 - 153			
Methoxychlor [2C]	11.4117	5.0	16.6667	ND	68.5	16 - 153			
Surrogate: Decachlorobiphenyl	12.72		16.6667		76.3	16 - 137			



# Certificate of Analysis

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 Reported : 08/27/2015

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

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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### Batch B5H0559 - GCSEMI\_PCB/PEST\_S (continued)

#### Matrix Spike (B5H0559-MS1) - Continued

Source: 1502790-15

Prepared: 8/20/2015 Analyzed: 8/21/2015

Surrogate: Decachlorobiphenyl [2C]	12.74		16.6667		76.5	16 - 137			
Surrogate: Tetrachloro-m-xylene	10.28		16.6667		61.7	16 - 105			
Surrogate: Tetrachloro-m-xylene [2C]	12.94		16.6667		77.6	16 - 105			



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

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0559 - GCSEMI\_PCB/PEST\_S (continued)**

**Matrix Spike Dup (B5H0559-MSD1)**

**Source: 1502790-15**

Prepared: 8/20/2015 Analyzed: 8/21/2015

4,4'-DDD	11.3238	2.0	16.6667	ND	67.9	27 - 123	11.6	20	
4,4'-DDD [2C]	12.3662	2.0	16.6667	ND	74.2	27 - 123	12.5	20	
4,4'-DDE	12.3537	2.0	16.6667	ND	74.1	28 - 126	11.8	20	
4,4'-DDE [2C]	14.1572	2.0	16.6667	ND	84.9	28 - 126	11.4	20	
4,4'-DDT	13.2752	2.0	16.6667	ND	79.7	12 - 149	11.9	20	
4,4'-DDT [2C]	12.0690	2.0	16.6667	ND	72.4	12 - 149	12.8	20	
Aldrin	11.1088	1.0	16.6667	ND	66.7	29 - 116	9.79	20	
Aldrin [2C]	12.9825	1.0	16.6667	ND	77.9	29 - 116	10.1	20	
alpha-BHC	9.20117	1.0	16.6667	ND	55.2	27 - 104	9.25	20	
alpha-BHC [2C]	11.5390	1.0	16.6667	ND	69.2	27 - 104	10.3	20	
alpha-Chlordane	11.4108	1.0	16.6667	ND	68.5	14 - 130	10.7	20	
alpha-Chlordane [2C]	13.2772	1.0	16.6667	ND	79.7	14 - 130	10.7	20	
beta-BHC	10.4717	1.0	16.6667	ND	62.8	20 - 115	9.62	20	
beta-BHC [2C]	11.9733	1.0	16.6667	ND	71.8	20 - 115	9.72	20	
delta-BHC	6.01317	1.0	16.6667	ND	36.1	8 - 78	10.1	20	
delta-BHC [2C]	6.96350	1.0	16.6667	ND	41.8	8 - 78	9.44	20	
Dieldrin	11.1173	2.0	16.6667	ND	66.7	20 - 134	12.0	20	
Dieldrin [2C]	12.5742	2.0	16.6667	ND	75.4	20 - 134	11.5	20	
Endosulfan I	10.6282	1.0	16.6667	ND	63.8	27 - 114	11.3	20	
Endosulfan I [2C]	12.3450	1.0	16.6667	ND	74.1	27 - 114	11.0	20	
Endosulfan II	10.3287	2.0	16.6667	ND	62.0	16 - 125	13.2	20	
Endosulfan II [2C]	11.3425	2.0	16.6667	ND	68.1	16 - 125	14.1	20	
Endosulfan sulfate	5.61150	2.0	16.6667	ND	33.7	1 - 126	22.7	20	R
Endosulfan Sulfate [2C]	6.30450	2.0	16.6667	ND	37.8	1 - 126	23.4	20	R
Endrin	11.6097	2.0	16.6667	ND	69.7	33 - 122	11.3	20	
Endrin [2C]	12.8220	2.0	16.6667	ND	76.9	33 - 122	11.7	20	
Endrin aldehyde	6.71583	2.0	16.6667	ND	40.3	0 - 137	27.7	20	R
Endrin aldehyde [2C]	7.37067	2.0	16.6667	ND	44.2	0 - 137	28.6	20	R
Endrin ketone	8.26717	2.0	16.6667	ND	49.6	10 - 126	19.4	20	
Endrin ketone [2C]	8.56633	2.0	16.6667	ND	51.4	10 - 126	19.2	20	
gamma-BHC	10.3385	1.0	16.6667	ND	62.0	30 - 111	9.72	20	
gamma-BHC [2C]	11.9360	1.0	16.6667	ND	71.6	30 - 111	9.89	20	
gamma-Chlordane	11.3993	1.0	16.6667	ND	68.4	16 - 130	10.7	20	
gamma-Chlordane [2C]	13.2067	1.0	16.6667	ND	79.2	16 - 130	10.5	20	
Heptachlor	11.5400	1.0	16.6667	ND	69.2	34 - 127	9.92	20	
Heptachlor [2C]	12.6728	1.0	16.6667	ND	76.0	34 - 127	10.3	20	
Heptachlor epoxide	11.3512	1.0	16.6667	ND	68.1	19 - 130	10.5	20	
Heptachlor epoxide [2C]	12.9400	1.0	16.6667	ND	77.6	19 - 130	10.4	20	
Methoxychlor	12.9567	5.0	16.6667	ND	77.7	16 - 153	13.2	20	
Methoxychlor [2C]	9.97350	5.0	16.6667	ND	59.8	16 - 153	13.5	20	
Surrogate: Decachlorobiphenyl	11.48		16.6667		68.9	16 - 137			



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

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

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0559 - GCSEMI\_PCB/PEST\_S (continued)**

**Matrix Spike Dup (B5H0559-MSD1) - Continued**

**Source: 1502790-15**

Prepared: 8/20/2015 Analyzed: 8/21/2015

Surrogate: Decachlorobiphenyl [2C]	11.88		16.6667		71.3	16 - 137		
Surrogate: Tetrachloro-m-xylene	9.416		16.6667		56.5	16 - 105		
Surrogate: Tetrachloro-m-xylene [2C]	11.70		16.6667		70.2	16 - 105		



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

### Volatile Organic Compounds by EPA 8260B - Quality Control

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	Limits Limits	RPD RPD	RPD Limit	Notes
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**Batch B5H0428 - MSVOA\_S**

**Blank (B5H0428-BLK1)**

Prepared: 8/17/2015 Analyzed: 8/17/2015

1,1,1,2-Tetrachloroethane	ND	5.0			NR				
1,1,1-Trichloroethane	ND	5.0			NR				
1,1,2,2-Tetrachloroethane	ND	5.0			NR				
1,1,2-Trichloroethane	ND	5.0			NR				
1,1-Dichloroethane	ND	5.0			NR				
1,1-Dichloroethene	ND	5.0			NR				
1,1-Dichloropropene	ND	5.0			NR				
1,2,3-Trichloropropane	ND	5.0			NR				
1,2,3-Trichlorobenzene	ND	5.0			NR				
1,2,4-Trichlorobenzene	ND	5.0			NR				
1,2,4-Trimethylbenzene	ND	5.0			NR				
1,2-Dibromo-3-chloropropane	ND	10			NR				
1,2-Dibromoethane	ND	5.0			NR				
1,2-Dichlorobenzene	ND	5.0			NR				
1,2-Dichloroethane	ND	5.0			NR				
1,2-Dichloropropane	ND	5.0			NR				
1,3,5-Trimethylbenzene	ND	5.0			NR				
1,3-Dichlorobenzene	ND	5.0			NR				
1,3-Dichloropropane	ND	5.0			NR				
1,4-Dichlorobenzene	ND	5.0			NR				
2,2-Dichloropropane	ND	5.0			NR				
2-Chlorotoluene	ND	5.0			NR				
4-Chlorotoluene	ND	5.0			NR				
4-Isopropyltoluene	ND	5.0			NR				
Benzene	ND	5.0			NR				
Bromobenzene	ND	5.0			NR				
Bromodichloromethane	ND	5.0			NR				
Bromoform	ND	5.0			NR				
Bromomethane	ND	5.0			NR				
Carbon tetrachloride	ND	5.0			NR				
Chlorobenzene	ND	5.0			NR				
Chloroethane	ND	5.0			NR				
Chloroform	ND	5.0			NR				
Chloromethane	ND	5.0			NR				
cis-1,2-Dichloroethene	ND	5.0			NR				
cis-1,3-Dichloropropene	ND	5.0			NR				
Dibromochloromethane	ND	5.0			NR				
Dibromomethane	ND	5.0			NR				
Dichlorodifluoromethane	ND	5.0			NR				
Ethylbenzene	ND	5.0			NR				
Hexachlorobutadiene	ND	5.0			NR				





## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

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

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0428 - MSVOA\_S (continued)**

**Blank (B5H0428-BLK1) - Continued**

Prepared: 8/17/2015 Analyzed: 8/17/2015

Isopropylbenzene	ND	5.0							NR
m,p-Xylene	ND	10							NR
Methylene chloride	ND	5.0							NR
n-Butylbenzene	ND	5.0							NR
n-Propylbenzene	ND	5.0							NR
Naphthalene	ND	5.0							NR
o-Xylene	ND	5.0							NR
sec-Butylbenzene	ND	5.0							NR
Styrene	ND	5.0							NR
tert-Butylbenzene	ND	5.0							NR
Tetrachloroethene	ND	5.0							NR
Toluene	ND	5.0							NR
trans-1,2-Dichloroethene	ND	5.0							NR
Trichloroethene	ND	5.0							NR
Trichlorofluoromethane	ND	5.0							NR
Vinyl chloride	ND	5.0							NR
<hr/>									
<i>Surrogate: 1,2-Dichloroethane-d4</i>	39.25		50.0000		78.5			20 - 189	
<i>Surrogate: 4-Bromofluorobenzene</i>	56.32		50.0000		113			20 - 173	
<i>Surrogate: Dibromofluoromethane</i>	49.39		50.0000		98.8			26 - 178	
<i>Surrogate: Toluene-d8</i>	43.94		50.0000		87.9			31 - 166	



## Certificate of Analysis

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Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

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

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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**Batch B5H0428 - MSVOA\_S (continued)**

**LCS (B5H0428-BS1)**

Prepared: 8/17/2015 Analyzed: 8/17/2015

1,1,1,2-Tetrachloroethane	56.1300	5.0	50.0000		112	74 - 117			
1,1,1-Trichloroethane	50.6300	5.0	50.0000		101	65 - 130			
1,1,2,2-Tetrachloroethane	47.1100	5.0	50.0000		94.2	63 - 123			
1,1,2-Trichloroethane	48.8000	5.0	50.0000		97.6	66 - 122			
1,1-Dichloroethane	45.0800	5.0	50.0000		90.2	65 - 124			
1,1-Dichloroethene	49.3700	5.0	50.0000		98.7	60 - 130			
1,1-Dichloropropene	49.5200	5.0	50.0000		99.0	75 - 121			
1,2,3-Trichloropropane	48.5700	5.0	50.0000		97.1	62 - 126			
1,2,3-Trichlorobenzene	49.4100	5.0	50.0000		98.8	72 - 120			
1,2,4-Trichlorobenzene	50.1300	5.0	50.0000		100	75 - 121			
1,2,4-Trimethylbenzene	48.9500	5.0	50.0000		97.9	82 - 118			
1,2-Dibromo-3-chloropropane	49.8000	10	50.0000		99.6	67 - 121			
1,2-Dibromoethane	51.1000	5.0	50.0000		102	69 - 123			
1,2-Dichlorobenzene	51.7200	5.0	50.0000		103	81 - 114			
1,2-Dichloroethane	53.8800	5.0	50.0000		108	71 - 119			
1,2-Dichloropropane	45.8200	5.0	50.0000		91.6	71 - 118			
1,3,5-Trimethylbenzene	49.3000	5.0	50.0000		98.6	81 - 120			
1,3-Dichlorobenzene	52.3700	5.0	50.0000		105	80 - 115			
1,3-Dichloropropane	48.2300	5.0	50.0000		96.5	77 - 117			
1,4-Dichlorobenzene	51.1300	5.0	50.0000		102	80 - 115			
2,2-Dichloropropane	45.5800	5.0	50.0000		91.2	58 - 141			
2-Chlorotoluene	50.1200	5.0	50.0000		100	78 - 120			
4-Chlorotoluene	49.1100	5.0	50.0000		98.2	79 - 119			
4-Isopropyltoluene	48.6000	5.0	50.0000		97.2	81 - 125			
Benzene	95.1700	5.0	100.000		95.2	73 - 116			
Bromobenzene	50.9600	5.0	50.0000		102	78 - 115			
Bromodichloromethane	52.3200	5.0	50.0000		105	73 - 120			
Bromoform	59.2700	5.0	50.0000		119	68 - 124			
Bromomethane	68.8800	5.0	50.0000		138	26 - 163			
Carbon tetrachloride	60.8600	5.0	50.0000		122	67 - 130			
Chlorobenzene	51.0300	5.0	50.0000		102	82 - 114			
Chloroethane	54.6300	5.0	50.0000		109	40 - 151			
Chloroform	49.5100	5.0	50.0000		99.0	68 - 124			
Chloromethane	36.9800	5.0	50.0000		74.0	18 - 144			
cis-1,2-Dichloroethene	46.8500	5.0	50.0000		93.7	66 - 125			
cis-1,3-Dichloropropene	50.3500	5.0	50.0000		101	77 - 120			
Dibromochloromethane	53.1800	5.0	50.0000		106	76 - 118			
Dibromomethane	51.6000	5.0	50.0000		103	69 - 122			
Dichlorodifluoromethane	46.3100	5.0	50.0000		92.6	0 - 155			
Ethylbenzene	95.1900	5.0	100.000		95.2	79 - 115			
Hexachlorobutadiene	54.5400	5.0	50.0000		109	71 - 121			



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

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

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0428 - MSVOA\_S (continued)**

**LCS (B5H0428-BS1) - Continued**

Prepared: 8/17/2015 Analyzed: 8/17/2015

Isopropylbenzene	50.8200	5.0	50.0000		102	78 - 126			
m,p-Xylene	92.2400	10	100.0000		92.2	80 - 119			
Methylene chloride	55.3300	5.0	50.0000		111	56 - 129			
n-Butylbenzene	50.6100	5.0	50.0000		101	78 - 127			
n-Propylbenzene	50.3200	5.0	50.0000		101	77 - 128			
Naphthalene	47.0600	5.0	50.0000		94.1	61 - 141			
o-Xylene	93.5700	5.0	100.0000		93.6	81 - 116			
sec-Butylbenzene	49.1800	5.0	50.0000		98.4	81 - 125			
Styrene	49.5600	5.0	50.0000		99.1	82 - 120			
tert-Butylbenzene	50.4100	5.0	50.0000		101	80 - 123			
Tetrachloroethene	53.3800	5.0	50.0000		107	75 - 123			
Toluene	99.2200	5.0	100.0000		99.2	75 - 119			
trans-1,2-Dichloroethene	47.2500	5.0	50.0000		94.5	62 - 127			
Trichloroethene	49.5100	5.0	50.0000		99.0	73 - 119			
Trichlorofluoromethane	54.9500	5.0	50.0000		110	47 - 157			
Vinyl chloride	42.3100	5.0	50.0000		84.6	27 - 147			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>45.12</i>		<i>50.0000</i>		<i>90.2</i>	<i>20 - 189</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>56.78</i>		<i>50.0000</i>		<i>114</i>	<i>20 - 173</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>49.62</i>		<i>50.0000</i>		<i>99.2</i>	<i>26 - 178</i>			
<i>Surrogate: Toluene-d8</i>	<i>43.34</i>		<i>50.0000</i>		<i>86.7</i>	<i>31 - 166</i>			



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

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

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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**Batch B5H0428 - MSVOA\_S (continued)**

**Matrix Spike (B5H0428-MS1)**

**Source: 1502812-01**

Prepared: 8/17/2015 Analyzed: 8/17/2015

1,1,1,2-Tetrachloroethane	49.5500	5.0	50.0000	ND	99.1	45 - 122
1,1,1-Trichloroethane	47.2200	5.0	50.0000	ND	94.4	46 - 131
1,1,2,2-Tetrachloroethane	44.6300	5.0	50.0000	ND	89.3	34 - 133
1,1,2-Trichloroethane	45.6700	5.0	50.0000	ND	91.3	40 - 133
1,1-Dichloroethane	40.9500	5.0	50.0000	ND	81.9	50 - 120
1,1-Dichloroethene	46.3100	5.0	50.0000	ND	92.6	42 - 130
1,1-Dichloropropene	47.1300	5.0	50.0000	ND	94.3	49 - 125
1,2,3-Trichloropropane	44.1600	5.0	50.0000	ND	88.3	42 - 130
1,2,3-Trichlorobenzene	40.1800	5.0	50.0000	ND	80.4	2 - 136
1,2,4-Trichlorobenzene	41.2000	5.0	50.0000	ND	82.4	6 - 137
1,2,4-Trimethylbenzene	43.6900	5.0	50.0000	ND	87.4	37 - 129
1,2-Dibromo-3-chloropropane	48.0400	10	50.0000	ND	96.1	36 - 135
1,2-Dibromoethane	48.1200	5.0	50.0000	ND	96.2	43 - 129
1,2-Dichlorobenzene	45.3700	5.0	50.0000	ND	90.7	31 - 129
1,2-Dichloroethane	48.2300	5.0	50.0000	ND	96.5	50 - 122
1,2-Dichloropropane	42.5900	5.0	50.0000	ND	85.2	51 - 119
1,3,5-Trimethylbenzene	43.9800	5.0	50.0000	ND	88.0	38 - 130
1,3-Dichlorobenzene	45.6400	5.0	50.0000	ND	91.3	31 - 128
1,3-Dichloropropane	45.0500	5.0	50.0000	ND	90.1	52 - 122
1,4-Dichlorobenzene	44.9200	5.0	50.0000	ND	89.8	31 - 128
2,2-Dichloropropane	42.0100	5.0	50.0000	ND	84.0	42 - 140
2-Chlorotoluene	44.0100	5.0	50.0000	ND	88.0	38 - 129
4-Chlorotoluene	43.2900	5.0	50.0000	ND	86.6	38 - 128
4-Isopropyltoluene	42.8900	5.0	50.0000	ND	85.8	31 - 137
Benzene	88.1500	5.0	100.000	ND	88.2	51 - 117
Bromobenzene	45.8200	5.0	50.0000	ND	91.6	41 - 125
Bromodichloromethane	47.6200	5.0	50.0000	ND	95.2	50 - 122
Bromoform	53.7500	5.0	50.0000	ND	108	39 - 131
Bromomethane	58.7100	5.0	50.0000	ND	117	10 - 154
Carbon tetrachloride	57.1900	5.0	50.0000	ND	114	44 - 131
Chlorobenzene	45.3400	5.0	50.0000	ND	90.7	46 - 123
Chloroethane	46.4200	5.0	50.0000	ND	92.8	27 - 143
Chloroform	43.9600	5.0	50.0000	ND	87.9	50 - 124
Chloromethane	33.9300	5.0	50.0000	ND	67.9	8 - 139
cis-1,2-Dichloroethene	40.8200	5.0	50.0000	ND	81.6	48 - 125
cis-1,3-Dichloropropene	45.9200	5.0	50.0000	ND	91.8	51 - 123
Dibromochloromethane	48.9000	5.0	50.0000	ND	97.8	48 - 124
Dibromomethane	48.3000	5.0	50.0000	ND	96.6	48 - 124
Dichlorodifluoromethane	43.5900	5.0	50.0000	ND	87.2	0 - 150
Ethylbenzene	86.2600	5.0	100.000	ND	86.3	46 - 123
Hexachlorobutadiene	42.1100	5.0	50.0000	ND	84.2	5 - 132



## Certificate of Analysis

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3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

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

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0428 - MSVOA\_S (continued)**

**Matrix Spike (B5H0428-MS1) - Continued**

**Source: 1502812-01**

Prepared: 8/17/2015 Analyzed: 8/17/2015

Isopropylbenzene	46.0900	5.0	50.0000	ND	92.2	43 - 132			
m,p-Xylene	84.7700	10	100.0000	ND	84.8	45 - 128			
Methylene chloride	46.7700	5.0	50.0000	ND	93.5	37 - 126			
n-Butylbenzene	43.3400	5.0	50.0000	ND	86.7	24 - 138			
n-Propylbenzene	45.4900	5.0	50.0000	ND	91.0	40 - 133			
Naphthalene	42.1700	5.0	50.0000	ND	84.3	10 - 149			
o-Xylene	84.9400	5.0	100.0000	ND	84.9	45 - 125			
sec-Butylbenzene	43.3700	5.0	50.0000	ND	86.7	33 - 136			
Styrene	44.0200	5.0	50.0000	ND	88.0	43 - 128			
tert-Butylbenzene	44.9000	5.0	50.0000	ND	89.8	36 - 133			
Tetrachloroethene	48.4600	5.0	50.0000	ND	96.9	41 - 129			
Toluene	91.4500	5.0	100.0000	ND	91.4	49 - 124			
trans-1,2-Dichloroethene	42.6000	5.0	50.0000	ND	85.2	44 - 126			
Trichloroethene	47.6500	5.0	50.0000	ND	95.3	38 - 139			
Trichlorofluoromethane	51.0400	5.0	50.0000	ND	102	30 - 157			
Vinyl chloride	37.9900	5.0	50.0000	ND	76.0	19 - 142			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>41.21</i>		<i>50.0000</i>		<i>82.4</i>	<i>20 - 189</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>55.12</i>		<i>50.0000</i>		<i>110</i>	<i>20 - 173</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>49.26</i>		<i>50.0000</i>		<i>98.5</i>	<i>26 - 178</i>			
<i>Surrogate: Toluene-d8</i>	<i>41.77</i>		<i>50.0000</i>		<i>83.5</i>	<i>31 - 166</i>			



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

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

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0428 - MSVOA\_S (continued)**

**Matrix Spike Dup (B5H0428-MSD1)**

**Source: 1502812-01**

Prepared: 8/17/2015 Analyzed: 8/17/2015

1,1,1,2-Tetrachloroethane	47.4100	5.0	50.0000	ND	94.8	45 - 122	4.41	20	
1,1,1-Trichloroethane	47.1800	5.0	50.0000	ND	94.4	46 - 131	0.0847	20	
1,1,2,2-Tetrachloroethane	40.4700	5.0	50.0000	ND	80.9	34 - 133	9.78	20	
1,1,2-Trichloroethane	46.4600	5.0	50.0000	ND	92.9	40 - 133	1.71	20	
1,1-Dichloroethane	42.0600	5.0	50.0000	ND	84.1	50 - 120	2.67	20	
1,1-Dichloroethene	48.4100	5.0	50.0000	ND	96.8	42 - 130	4.43	20	
1,1-Dichloropropene	47.7100	5.0	50.0000	ND	95.4	49 - 125	1.22	20	
1,2,3-Trichloropropane	39.6500	5.0	50.0000	ND	79.3	42 - 130	10.8	20	
1,2,3-Trichlorobenzene	37.5700	5.0	50.0000	ND	75.1	2 - 136	6.71	20	
1,2,4-Trichlorobenzene	40.8400	5.0	50.0000	ND	81.7	6 - 137	0.878	20	
1,2,4-Trimethylbenzene	43.6000	5.0	50.0000	ND	87.2	37 - 129	0.206	20	
1,2-Dibromo-3-chloropropane	44.6000	10	50.0000	ND	89.2	36 - 135	7.43	20	
1,2-Dibromoethane	51.8300	5.0	50.0000	ND	104	43 - 129	7.42	20	
1,2-Dichlorobenzene	45.5400	5.0	50.0000	ND	91.1	31 - 129	0.374	20	
1,2-Dichloroethane	48.9400	5.0	50.0000	ND	97.9	50 - 122	1.46	20	
1,2-Dichloropropane	42.6100	5.0	50.0000	ND	85.2	51 - 119	0.0469	20	
1,3,5-Trimethylbenzene	42.7000	5.0	50.0000	ND	85.4	38 - 130	2.95	20	
1,3-Dichlorobenzene	44.4800	5.0	50.0000	ND	89.0	31 - 128	2.57	20	
1,3-Dichloropropane	43.1500	5.0	50.0000	ND	86.3	52 - 122	4.31	20	
1,4-Dichlorobenzene	45.3400	5.0	50.0000	ND	90.7	31 - 128	0.931	20	
2,2-Dichloropropane	43.0400	5.0	50.0000	ND	86.1	42 - 140	2.42	20	
2-Chlorotoluene	41.7700	5.0	50.0000	ND	83.5	38 - 129	5.22	20	
4-Chlorotoluene	41.9900	5.0	50.0000	ND	84.0	38 - 128	3.05	20	
4-Isopropyltoluene	42.7300	5.0	50.0000	ND	85.5	31 - 137	0.374	20	
Benzene	87.9100	5.0	100.000	ND	87.9	51 - 117	0.273	20	
Bromobenzene	41.8900	5.0	50.0000	ND	83.8	41 - 125	8.96	20	
Bromodichloromethane	48.2100	5.0	50.0000	ND	96.4	50 - 122	1.23	20	
Bromoform	53.1500	5.0	50.0000	ND	106	39 - 131	1.12	20	
Bromomethane	63.3700	5.0	50.0000	ND	127	10 - 154	7.63	20	
Carbon tetrachloride	56.9100	5.0	50.0000	ND	114	44 - 131	0.491	20	
Chlorobenzene	44.9500	5.0	50.0000	ND	89.9	46 - 123	0.864	20	
Chloroethane	48.5200	5.0	50.0000	ND	97.0	27 - 143	4.42	20	
Chloroform	45.9000	5.0	50.0000	ND	91.8	50 - 124	4.32	20	
Chloromethane	42.7800	5.0	50.0000	ND	85.6	8 - 139	23.1	20	R
cis-1,2-Dichloroethene	42.6300	5.0	50.0000	ND	85.3	48 - 125	4.34	20	
cis-1,3-Dichloropropene	46.8000	5.0	50.0000	ND	93.6	51 - 123	1.90	20	
Dibromochloromethane	47.5900	5.0	50.0000	ND	95.2	48 - 124	2.72	20	
Dibromomethane	50.0900	5.0	50.0000	ND	100	48 - 124	3.64	20	
Dichlorodifluoromethane	48.2200	5.0	50.0000	ND	96.4	0 - 150	10.1	20	
Ethylbenzene	86.0900	5.0	100.000	ND	86.1	46 - 123	0.197	20	
Hexachlorobutadiene	41.8900	5.0	50.0000	ND	83.8	5 - 132	0.524	20	



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

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

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0428 - MSVOA\_S (continued)**

**Matrix Spike Dup (B5H0428-MSD1) - Continued**

**Source: 1502812-01**

Prepared: 8/17/2015 Analyzed: 8/17/2015

Isopropylbenzene	42.1800	5.0	50.0000	ND	84.4	43 - 132	8.86	20	
m,p-Xylene	86.8200	10	100.0000	ND	86.8	45 - 128	2.39	20	
Methylene chloride	50.1700	5.0	50.0000	ND	100	37 - 126	7.01	20	
n-Butylbenzene	43.8200	5.0	50.0000	ND	87.6	24 - 138	1.10	20	
n-Propylbenzene	42.9400	5.0	50.0000	ND	85.9	40 - 133	5.77	20	
Naphthalene	39.0300	5.0	50.0000	ND	78.1	10 - 149	7.73	20	
o-Xylene	87.6300	5.0	100.0000	ND	87.6	45 - 125	3.12	20	
sec-Butylbenzene	42.1200	5.0	50.0000	ND	84.2	33 - 136	2.92	20	
Styrene	46.4300	5.0	50.0000	ND	92.9	43 - 128	5.33	20	
tert-Butylbenzene	43.1500	5.0	50.0000	ND	86.3	36 - 133	3.98	20	
Tetrachloroethene	46.3300	5.0	50.0000	ND	92.7	41 - 129	4.49	20	
Toluene	93.3400	5.0	100.0000	ND	93.3	49 - 124	2.05	20	
trans-1,2-Dichloroethene	44.6400	5.0	50.0000	ND	89.3	44 - 126	4.68	20	
Trichloroethene	47.4900	5.0	50.0000	ND	95.0	38 - 139	0.336	20	
Trichlorofluoromethane	51.4300	5.0	50.0000	ND	103	30 - 157	0.761	20	
Vinyl chloride	42.1100	5.0	50.0000	ND	84.2	19 - 142	10.3	20	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>48.19</i>		<i>50.0000</i>		<i>96.4</i>	<i>20 - 189</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>58.48</i>		<i>50.0000</i>		<i>117</i>	<i>20 - 173</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>51.44</i>		<i>50.0000</i>		<i>103</i>	<i>26 - 178</i>			
<i>Surrogate: Toluene-d8</i>	<i>44.00</i>		<i>50.0000</i>		<i>88.0</i>	<i>31 - 166</i>			



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
Report To : Scott Nunez  
Reported : 08/27/2015

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

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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**Batch B5H0447 - MSVOA\_S**

**Blank (B5H0447-BLK1)**

Prepared: 8/18/2015 Analyzed: 8/18/2015

1,1,1,2-Tetrachloroethane	ND	5.0			NR
1,1,1-Trichloroethane	ND	5.0			NR
1,1,2,2-Tetrachloroethane	ND	5.0			NR
1,1,2-Trichloroethane	ND	5.0			NR
1,1-Dichloroethane	ND	5.0			NR
1,1-Dichloroethene	ND	5.0			NR
1,1-Dichloropropene	ND	5.0			NR
1,2,3-Trichloropropane	ND	5.0			NR
1,2,3-Trichlorobenzene	ND	5.0			NR
1,2,4-Trichlorobenzene	ND	5.0			NR
1,2,4-Trimethylbenzene	ND	5.0			NR
1,2-Dibromo-3-chloropropane	ND	10			NR
1,2-Dibromoethane	ND	5.0			NR
1,2-Dichlorobenzene	ND	5.0			NR
1,2-Dichloroethane	ND	5.0			NR
1,2-Dichloropropane	ND	5.0			NR
1,3,5-Trimethylbenzene	ND	5.0			NR
1,3-Dichlorobenzene	ND	5.0			NR
1,3-Dichloropropane	ND	5.0			NR
1,4-Dichlorobenzene	ND	5.0			NR
2,2-Dichloropropane	ND	5.0			NR
2-Chlorotoluene	ND	5.0			NR
4-Chlorotoluene	ND	5.0			NR
4-Isopropyltoluene	ND	5.0			NR
Benzene	ND	5.0			NR
Bromobenzene	ND	5.0			NR
Bromodichloromethane	ND	5.0			NR
Bromoform	ND	5.0			NR
Bromomethane	ND	5.0			NR
Carbon tetrachloride	ND	5.0			NR
Chlorobenzene	ND	5.0			NR
Chloroethane	ND	5.0			NR
Chloroform	ND	5.0			NR
Chloromethane	ND	5.0			NR
cis-1,2-Dichloroethene	ND	5.0			NR
cis-1,3-Dichloropropene	ND	5.0			NR
Dibromochloromethane	ND	5.0			NR
Dibromomethane	ND	5.0			NR
Dichlorodifluoromethane	ND	5.0			NR
Ethylbenzene	ND	5.0			NR
Hexachlorobutadiene	ND	5.0			NR





## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

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

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0447 - MSVOA\_S (continued)**

**Blank (B5H0447-BLK1) - Continued**

Prepared: 8/18/2015 Analyzed: 8/18/2015

Isopropylbenzene	ND	5.0				NR			
m,p-Xylene	ND	10				NR			
Methylene chloride	ND	5.0				NR			
n-Butylbenzene	ND	5.0				NR			
n-Propylbenzene	ND	5.0				NR			
Naphthalene	ND	5.0				NR			
o-Xylene	ND	5.0				NR			
sec-Butylbenzene	ND	5.0				NR			
Styrene	ND	5.0				NR			
tert-Butylbenzene	ND	5.0				NR			
Tetrachloroethene	ND	5.0				NR			
Toluene	ND	5.0				NR			
trans-1,2-Dichloroethene	ND	5.0				NR			
Trichloroethene	ND	5.0				NR			
Trichlorofluoromethane	ND	5.0				NR			
Vinyl chloride	ND	5.0				NR			
<hr/>									
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>36.80</i>		<i>50.0000</i>			<i>73.6</i>		<i>20 - 189</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>54.62</i>		<i>50.0000</i>			<i>109</i>		<i>20 - 173</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>49.17</i>		<i>50.0000</i>			<i>98.3</i>		<i>26 - 178</i>	
<i>Surrogate: Toluene-d8</i>	<i>42.60</i>		<i>50.0000</i>			<i>85.2</i>		<i>31 - 166</i>	



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

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

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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**Batch B5H0447 - MSVOA\_S (continued)**

**LCS (B5H0447-BS1)**

Prepared: 8/18/2015 Analyzed: 8/18/2015

1,1,1,2-Tetrachloroethane	55.0100	5.0	50.0000		110	74 - 117			
1,1,1-Trichloroethane	51.9000	5.0	50.0000		104	65 - 130			
1,1,2,2-Tetrachloroethane	47.2200	5.0	50.0000		94.4	63 - 123			
1,1,2-Trichloroethane	48.0100	5.0	50.0000		96.0	66 - 122			
1,1-Dichloroethane	45.1300	5.0	50.0000		90.3	65 - 124			
1,1-Dichloroethene	49.7900	5.0	50.0000		99.6	60 - 130			
1,1-Dichloropropene	53.1000	5.0	50.0000		106	75 - 121			
1,2,3-Trichloropropane	47.7200	5.0	50.0000		95.4	62 - 126			
1,2,3-Trichlorobenzene	48.4600	5.0	50.0000		96.9	72 - 120			
1,2,4-Trichlorobenzene	49.2300	5.0	50.0000		98.5	75 - 121			
1,2,4-Trimethylbenzene	49.3400	5.0	50.0000		98.7	82 - 118			
1,2-Dibromo-3-chloropropane	49.4300	10	50.0000		98.9	67 - 121			
1,2-Dibromoethane	52.8600	5.0	50.0000		106	69 - 123			
1,2-Dichlorobenzene	50.1800	5.0	50.0000		100	81 - 114			
1,2-Dichloroethane	51.5400	5.0	50.0000		103	71 - 119			
1,2-Dichloropropane	45.0900	5.0	50.0000		90.2	71 - 118			
1,3,5-Trimethylbenzene	49.7900	5.0	50.0000		99.6	81 - 120			
1,3-Dichlorobenzene	51.0900	5.0	50.0000		102	80 - 115			
1,3-Dichloropropane	47.0700	5.0	50.0000		94.1	77 - 117			
1,4-Dichlorobenzene	51.1500	5.0	50.0000		102	80 - 115			
2,2-Dichloropropane	46.7300	5.0	50.0000		93.5	58 - 141			
2-Chlorotoluene	49.8800	5.0	50.0000		99.8	78 - 120			
4-Chlorotoluene	49.6700	5.0	50.0000		99.3	79 - 119			
4-Isopropyltoluene	49.6300	5.0	50.0000		99.3	81 - 125			
Benzene	96.3000	5.0	100.000		96.3	73 - 116			
Bromobenzene	50.8300	5.0	50.0000		102	78 - 115			
Bromodichloromethane	52.6800	5.0	50.0000		105	73 - 120			
Bromoform	57.1300	5.0	50.0000		114	68 - 124			
Bromomethane	72.4700	5.0	50.0000		145	26 - 163			
Carbon tetrachloride	57.0600	5.0	50.0000		114	67 - 130			
Chlorobenzene	50.8900	5.0	50.0000		102	82 - 114			
Chloroethane	55.2900	5.0	50.0000		111	40 - 151			
Chloroform	49.4100	5.0	50.0000		98.8	68 - 124			
Chloromethane	39.0300	5.0	50.0000		78.1	18 - 144			
cis-1,2-Dichloroethene	45.6900	5.0	50.0000		91.4	66 - 125			
cis-1,3-Dichloropropene	49.7800	5.0	50.0000		99.6	77 - 120			
Dibromochloromethane	53.2900	5.0	50.0000		107	76 - 118			
Dibromomethane	50.4500	5.0	50.0000		101	69 - 122			
Dichlorodifluoromethane	50.4500	5.0	50.0000		101	0 - 155			
Ethylbenzene	95.4500	5.0	100.000		95.4	79 - 115			
Hexachlorobutadiene	55.2100	5.0	50.0000		110	71 - 121			



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

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

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0447 - MSVOA\_S (continued)**

**LCS (B5H0447-BS1) - Continued**

Prepared: 8/18/2015 Analyzed: 8/18/2015

Isopropylbenzene	52.4900	5.0	50.0000		105	78 - 126			
m,p-Xylene	92.2700	10	100.0000		92.3	80 - 119			
Methylene chloride	52.7600	5.0	50.0000		106	56 - 129			
n-Butylbenzene	52.4000	5.0	50.0000		105	78 - 127			
n-Propylbenzene	52.2900	5.0	50.0000		105	77 - 128			
Naphthalene	45.3600	5.0	50.0000		90.7	61 - 141			
o-Xylene	92.7800	5.0	100.0000		92.8	81 - 116			
sec-Butylbenzene	50.9700	5.0	50.0000		102	81 - 125			
Styrene	48.2900	5.0	50.0000		96.6	82 - 120			
tert-Butylbenzene	51.4200	5.0	50.0000		103	80 - 123			
Tetrachloroethene	54.7400	5.0	50.0000		109	75 - 123			
Toluene	99.9400	5.0	100.0000		99.9	75 - 119			
trans-1,2-Dichloroethene	47.1900	5.0	50.0000		94.4	62 - 127			
Trichloroethene	52.5800	5.0	50.0000		105	73 - 119			
Trichlorofluoromethane	58.6900	5.0	50.0000		117	47 - 157			
Vinyl chloride	44.0800	5.0	50.0000		88.2	27 - 147			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>45.94</i>		<i>50.0000</i>		<i>91.9</i>	<i>20 - 189</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>56.61</i>		<i>50.0000</i>		<i>113</i>	<i>20 - 173</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>49.91</i>		<i>50.0000</i>		<i>99.8</i>	<i>26 - 178</i>			
<i>Surrogate: Toluene-d8</i>	<i>43.08</i>		<i>50.0000</i>		<i>86.2</i>	<i>31 - 166</i>			



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

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

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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**Batch B5H0447 - MSVOA\_S (continued)**

**Matrix Spike (B5H0447-MS1)**

**Source: 1502812-11**

Prepared: 8/18/2015 Analyzed: 8/18/2015

1,1,1,2-Tetrachloroethane	54.2300	5.0	50.0000	ND	108	45 - 122
1,1,1-Trichloroethane	51.1700	5.0	50.0000	ND	102	46 - 131
1,1,2,2-Tetrachloroethane	47.8200	5.0	50.0000	ND	95.6	34 - 133
1,1,2-Trichloroethane	49.0300	5.0	50.0000	ND	98.1	40 - 133
1,1-Dichloroethane	43.4800	5.0	50.0000	ND	87.0	50 - 120
1,1-Dichloroethene	48.9800	5.0	50.0000	ND	98.0	42 - 130
1,1-Dichloropropene	52.4500	5.0	50.0000	ND	105	49 - 125
1,2,3-Trichloropropane	47.7000	5.0	50.0000	ND	95.4	42 - 130
1,2,3-Trichlorobenzene	41.9800	5.0	50.0000	ND	84.0	2 - 136
1,2,4-Trichlorobenzene	43.6700	5.0	50.0000	ND	87.3	6 - 137
1,2,4-Trimethylbenzene	47.9600	5.0	50.0000	ND	95.9	37 - 129
1,2-Dibromo-3-chloropropane	49.9400	10	50.0000	ND	99.9	36 - 135
1,2-Dibromoethane	54.7600	5.0	50.0000	ND	110	43 - 129
1,2-Dichlorobenzene	48.4900	5.0	50.0000	ND	97.0	31 - 129
1,2-Dichloroethane	53.0600	5.0	50.0000	ND	106	50 - 122
1,2-Dichloropropane	46.1200	5.0	50.0000	ND	92.2	51 - 119
1,3,5-Trimethylbenzene	48.0400	5.0	50.0000	ND	96.1	38 - 130
1,3-Dichlorobenzene	48.5500	5.0	50.0000	ND	97.1	31 - 128
1,3-Dichloropropane	47.9400	5.0	50.0000	ND	95.9	52 - 122
1,4-Dichlorobenzene	48.0900	5.0	50.0000	ND	96.2	31 - 128
2,2-Dichloropropane	46.4500	5.0	50.0000	ND	92.9	42 - 140
2-Chlorotoluene	47.9000	5.0	50.0000	ND	95.8	38 - 129
4-Chlorotoluene	46.9300	5.0	50.0000	ND	93.9	38 - 128
4-Isopropyltoluene	47.6600	5.0	50.0000	ND	95.3	31 - 137
Benzene	96.3200	5.0	100.000	ND	96.3	51 - 117
Bromobenzene	48.0000	5.0	50.0000	ND	96.0	41 - 125
Bromodichloromethane	52.7400	5.0	50.0000	ND	105	50 - 122
Bromoform	57.9600	5.0	50.0000	ND	116	39 - 131
Bromomethane	65.9400	5.0	50.0000	ND	132	10 - 154
Carbon tetrachloride	64.2700	5.0	50.0000	ND	129	44 - 131
Chlorobenzene	49.6300	5.0	50.0000	ND	99.3	46 - 123
Chloroethane	52.3300	5.0	50.0000	ND	105	27 - 143
Chloroform	48.2400	5.0	50.0000	ND	96.5	50 - 124
Chloromethane	37.1800	5.0	50.0000	ND	74.4	8 - 139
cis-1,2-Dichloroethene	45.0000	5.0	50.0000	ND	90.0	48 - 125
cis-1,3-Dichloropropene	50.8900	5.0	50.0000	ND	102	51 - 123
Dibromochloromethane	52.2100	5.0	50.0000	ND	104	48 - 124
Dibromomethane	52.1700	5.0	50.0000	ND	104	48 - 124
Dichlorodifluoromethane	48.3100	5.0	50.0000	ND	96.6	0 - 150
Ethylbenzene	94.4000	5.0	100.000	ND	94.4	46 - 123
Hexachlorobutadiene	49.9000	5.0	50.0000	ND	99.8	5 - 132



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

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

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0447 - MSVOA\_S (continued)**

**Matrix Spike (B5H0447-MS1) - Continued**

**Source: 1502812-11**

Prepared: 8/18/2015 Analyzed: 8/18/2015

Isopropylbenzene	50.7400	5.0	50.0000	ND	101	43 - 132			
m,p-Xylene	91.6300	10	100.0000	ND	91.6	45 - 128			
Methylene chloride	50.8800	5.0	50.0000	ND	102	37 - 126			
n-Butylbenzene	49.6800	5.0	50.0000	ND	99.4	24 - 138			
n-Propylbenzene	49.9700	5.0	50.0000	ND	99.9	40 - 133			
Naphthalene	41.1700	5.0	50.0000	ND	82.3	10 - 149			
o-Xylene	92.4000	5.0	100.0000	ND	92.4	45 - 125			
sec-Butylbenzene	49.1400	5.0	50.0000	ND	98.3	33 - 136			
Styrene	47.7300	5.0	50.0000	ND	95.5	43 - 128			
tert-Butylbenzene	49.9600	5.0	50.0000	ND	99.9	36 - 133			
Tetrachloroethene	53.5000	5.0	50.0000	ND	107	41 - 129			
Toluene	101.220	5.0	100.0000	ND	101	49 - 124			
trans-1,2-Dichloroethene	46.8700	5.0	50.0000	ND	93.7	44 - 126			
Trichloroethene	52.9200	5.0	50.0000	ND	106	38 - 139			
Trichlorofluoromethane	55.5300	5.0	50.0000	ND	111	30 - 157			
Vinyl chloride	42.3700	5.0	50.0000	ND	84.7	19 - 142			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>43.87</i>		<i>50.0000</i>		<i>87.7</i>	<i>20 - 189</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>56.45</i>		<i>50.0000</i>		<i>113</i>	<i>20 - 173</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>47.99</i>		<i>50.0000</i>		<i>96.0</i>	<i>26 - 178</i>			
<i>Surrogate: Toluene-d8</i>	<i>44.38</i>		<i>50.0000</i>		<i>88.8</i>	<i>31 - 166</i>			



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

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

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0447 - MSVOA\_S (continued)**

**Matrix Spike Dup (B5H0447-MSD1)**

**Source: 1502812-11**

Prepared: 8/18/2015 Analyzed: 8/18/2015

1,1,1,2-Tetrachloroethane	50.3700	5.0	50.0000	ND	101	45 - 122	7.38	20	
1,1,1-Trichloroethane	48.2200	5.0	50.0000	ND	96.4	46 - 131	5.94	20	
1,1,2,2-Tetrachloroethane	46.5100	5.0	50.0000	ND	93.0	34 - 133	2.78	20	
1,1,2-Trichloroethane	47.4000	5.0	50.0000	ND	94.8	40 - 133	3.38	20	
1,1-Dichloroethane	41.2000	5.0	50.0000	ND	82.4	50 - 120	5.38	20	
1,1-Dichloroethene	44.8900	5.0	50.0000	ND	89.8	42 - 130	8.71	20	
1,1-Dichloropropene	47.4800	5.0	50.0000	ND	95.0	49 - 125	9.95	20	
1,2,3-Trichloropropane	46.7200	5.0	50.0000	ND	93.4	42 - 130	2.08	20	
1,2,3-Trichlorobenzene	39.4400	5.0	50.0000	ND	78.9	2 - 136	6.24	20	
1,2,4-Trichlorobenzene	40.1100	5.0	50.0000	ND	80.2	6 - 137	8.50	20	
1,2,4-Trimethylbenzene	43.2400	5.0	50.0000	ND	86.5	37 - 129	10.4	20	
1,2-Dibromo-3-chloropropane	50.3200	10	50.0000	ND	101	36 - 135	0.758	20	
1,2-Dibromoethane	53.9600	5.0	50.0000	ND	108	43 - 129	1.47	20	
1,2-Dichlorobenzene	44.6900	5.0	50.0000	ND	89.4	31 - 129	8.16	20	
1,2-Dichloroethane	50.5300	5.0	50.0000	ND	101	50 - 122	4.88	20	
1,2-Dichloropropane	42.3200	5.0	50.0000	ND	84.6	51 - 119	8.59	20	
1,3,5-Trimethylbenzene	43.8200	5.0	50.0000	ND	87.6	38 - 130	9.19	20	
1,3-Dichlorobenzene	44.2900	5.0	50.0000	ND	88.6	31 - 128	9.18	20	
1,3-Dichloropropane	44.9400	5.0	50.0000	ND	89.9	52 - 122	6.46	20	
1,4-Dichlorobenzene	44.7200	5.0	50.0000	ND	89.4	31 - 128	7.26	20	
2,2-Dichloropropane	43.2400	5.0	50.0000	ND	86.5	42 - 140	7.16	20	
2-Chlorotoluene	44.3200	5.0	50.0000	ND	88.6	38 - 129	7.76	20	
4-Chlorotoluene	42.5100	5.0	50.0000	ND	85.0	38 - 128	9.88	20	
4-Isopropyltoluene	43.2800	5.0	50.0000	ND	86.6	31 - 137	9.63	20	
Benzene	89.4600	5.0	100.000	ND	89.5	51 - 117	7.39	20	
Bromobenzene	45.8700	5.0	50.0000	ND	91.7	41 - 125	4.54	20	
Bromodichloromethane	49.6400	5.0	50.0000	ND	99.3	50 - 122	6.06	20	
Bromoform	54.6100	5.0	50.0000	ND	109	39 - 131	5.95	20	
Bromomethane	60.8800	5.0	50.0000	ND	122	10 - 154	7.98	20	
Carbon tetrachloride	51.4600	5.0	50.0000	ND	103	44 - 131	22.1	20	R
Chlorobenzene	45.3800	5.0	50.0000	ND	90.8	46 - 123	8.95	20	
Chloroethane	46.9900	5.0	50.0000	ND	94.0	27 - 143	10.8	20	
Chloroform	45.3000	5.0	50.0000	ND	90.6	50 - 124	6.29	20	
Chloromethane	34.9000	5.0	50.0000	ND	69.8	8 - 139	6.33	20	
cis-1,2-Dichloroethene	42.8600	5.0	50.0000	ND	85.7	48 - 125	4.87	20	
cis-1,3-Dichloropropene	45.9300	5.0	50.0000	ND	91.9	51 - 123	10.2	20	
Dibromochloromethane	49.0900	5.0	50.0000	ND	98.2	48 - 124	6.16	20	
Dibromomethane	47.8800	5.0	50.0000	ND	95.8	48 - 124	8.58	20	
Dichlorodifluoromethane	44.2900	5.0	50.0000	ND	88.6	0 - 150	8.68	20	
Ethylbenzene	85.6800	5.0	100.000	ND	85.7	46 - 123	9.68	20	
Hexachlorobutadiene	43.3800	5.0	50.0000	ND	86.8	5 - 132	14.0	20	



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

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

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0447 - MSVOA\_S (continued)**

**Matrix Spike Dup (B5H0447-MSD1) - Continued**

**Source: 1502812-11**

Prepared: 8/18/2015 Analyzed: 8/18/2015

Isopropylbenzene	45.9300	5.0	50.0000	ND	91.9	43 - 132	9.95	20	
m,p-Xylene	82.8200	10	100.0000	ND	82.8	45 - 128	10.1	20	
Methylene chloride	47.5300	5.0	50.0000	ND	95.1	37 - 126	6.81	20	
n-Butylbenzene	43.8700	5.0	50.0000	ND	87.7	24 - 138	12.4	20	
n-Propylbenzene	45.5200	5.0	50.0000	ND	91.0	40 - 133	9.32	20	
Naphthalene	39.4000	5.0	50.0000	ND	78.8	10 - 149	4.39	20	
o-Xylene	83.3900	5.0	100.0000	ND	83.4	45 - 125	10.3	20	
sec-Butylbenzene	43.8800	5.0	50.0000	ND	87.8	33 - 136	11.3	20	
Styrene	43.1700	5.0	50.0000	ND	86.3	43 - 128	10.0	20	
tert-Butylbenzene	45.2500	5.0	50.0000	ND	90.5	36 - 133	9.89	20	
Tetrachloroethene	47.8700	5.0	50.0000	ND	95.7	41 - 129	11.1	20	
Toluene	93.2000	5.0	100.0000	ND	93.2	49 - 124	8.25	20	
trans-1,2-Dichloroethene	43.9100	5.0	50.0000	ND	87.8	44 - 126	6.52	20	
Trichloroethene	47.1200	5.0	50.0000	ND	94.2	38 - 139	11.6	20	
Trichlorofluoromethane	51.3900	5.0	50.0000	ND	103	30 - 157	7.74	20	
Vinyl chloride	39.0100	5.0	50.0000	ND	78.0	19 - 142	8.26	20	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>48.41</i>		<i>50.0000</i>		<i>96.8</i>	<i>20 - 189</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>54.95</i>		<i>50.0000</i>		<i>110</i>	<i>20 - 173</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.02</i>		<i>50.0000</i>		<i>100</i>	<i>26 - 178</i>			
<i>Surrogate: Toluene-d8</i>	<i>42.74</i>		<i>50.0000</i>		<i>85.5</i>	<i>31 - 166</i>			



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
Report To : Scott Nunez  
Reported : 08/27/2015

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

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	Limits Limits	RPD RPD	RPD Limit	Notes
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**Batch B5H0475 - MSVOA\_S**

**Blank (B5H0475-BLK1)**

Prepared: 8/18/2015 Analyzed: 8/18/2015

1,1,1,2-Tetrachloroethane	ND	5.0			NR				
1,1,1-Trichloroethane	ND	5.0			NR				
1,1,2,2-Tetrachloroethane	ND	5.0			NR				
1,1,2-Trichloroethane	ND	5.0			NR				
1,1-Dichloroethane	ND	5.0			NR				
1,1-Dichloroethene	ND	5.0			NR				
1,1-Dichloropropene	ND	5.0			NR				
1,2,3-Trichloropropane	ND	5.0			NR				
1,2,3-Trichlorobenzene	ND	5.0			NR				
1,2,4-Trichlorobenzene	ND	5.0			NR				
1,2,4-Trimethylbenzene	ND	5.0			NR				
1,2-Dibromo-3-chloropropane	ND	10			NR				
1,2-Dibromoethane	ND	5.0			NR				
1,2-Dichlorobenzene	ND	5.0			NR				
1,2-Dichloroethane	ND	5.0			NR				
1,2-Dichloropropane	ND	5.0			NR				
1,3,5-Trimethylbenzene	ND	5.0			NR				
1,3-Dichlorobenzene	ND	5.0			NR				
1,3-Dichloropropane	ND	5.0			NR				
1,4-Dichlorobenzene	ND	5.0			NR				
2,2-Dichloropropane	ND	5.0			NR				
2-Chlorotoluene	ND	5.0			NR				
4-Chlorotoluene	ND	5.0			NR				
4-Isopropyltoluene	ND	5.0			NR				
Benzene	ND	5.0			NR				
Bromobenzene	ND	5.0			NR				
Bromodichloromethane	ND	5.0			NR				
Bromoform	ND	5.0			NR				
Bromomethane	ND	5.0			NR				
Carbon tetrachloride	ND	5.0			NR				
Chlorobenzene	ND	5.0			NR				
Chloroethane	ND	5.0			NR				
Chloroform	ND	5.0			NR				
Chloromethane	ND	5.0			NR				
cis-1,2-Dichloroethene	ND	5.0			NR				
cis-1,3-Dichloropropene	ND	5.0			NR				
Dibromochloromethane	ND	5.0			NR				
Dibromomethane	ND	5.0			NR				
Dichlorodifluoromethane	ND	5.0			NR				
Ethylbenzene	ND	5.0			NR				
Hexachlorobutadiene	ND	5.0			NR				





## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

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

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0475 - MSVOA\_S (continued)**

**Blank (B5H0475-BLK1) - Continued**

Prepared: 8/18/2015 Analyzed: 8/18/2015

Isopropylbenzene	ND	5.0			NR				
m,p-Xylene	ND	10			NR				
Methylene chloride	ND	5.0			NR				
n-Butylbenzene	ND	5.0			NR				
n-Propylbenzene	ND	5.0			NR				
Naphthalene	ND	5.0			NR				
o-Xylene	ND	5.0			NR				
sec-Butylbenzene	ND	5.0			NR				
Styrene	ND	5.0			NR				
tert-Butylbenzene	ND	5.0			NR				
Tetrachloroethene	ND	5.0			NR				
Toluene	ND	5.0			NR				
trans-1,2-Dichloroethene	ND	5.0			NR				
Trichloroethene	ND	5.0			NR				
Trichlorofluoromethane	ND	5.0			NR				
Vinyl chloride	ND	5.0			NR				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	38.82		50.0000		77.6			20 - 189	
<i>Surrogate: 4-Bromofluorobenzene</i>	54.47		50.0000		109			20 - 173	
<i>Surrogate: Dibromofluoromethane</i>	46.73		50.0000		93.5			26 - 178	
<i>Surrogate: Toluene-d8</i>	41.97		50.0000		83.9			31 - 166	



## Certificate of Analysis

Geocon West, Inc.

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Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

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

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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**Batch B5H0475 - MSVOA\_S (continued)**

**LCS (B5H0475-BS1)**

Prepared: 8/18/2015 Analyzed: 8/18/2015

1,1,1,2-Tetrachloroethane	55.7000	5.0	50.0000		111	74 - 117			
1,1,1-Trichloroethane	47.2200	5.0	50.0000		94.4	65 - 130			
1,1,2,2-Tetrachloroethane	48.4700	5.0	50.0000		96.9	63 - 123			
1,1,2-Trichloroethane	47.4600	5.0	50.0000		94.9	66 - 122			
1,1-Dichloroethane	40.7100	5.0	50.0000		81.4	65 - 124			
1,1-Dichloroethene	43.8900	5.0	50.0000		87.8	60 - 130			
1,1-Dichloropropene	48.4100	5.0	50.0000		96.8	75 - 121			
1,2,3-Trichloropropane	47.6800	5.0	50.0000		95.4	62 - 126			
1,2,3-Trichlorobenzene	49.1100	5.0	50.0000		98.2	72 - 120			
1,2,4-Trichlorobenzene	49.5500	5.0	50.0000		99.1	75 - 121			
1,2,4-Trimethylbenzene	49.8700	5.0	50.0000		99.7	82 - 118			
1,2-Dibromo-3-chloropropane	52.3300	10	50.0000		105	67 - 121			
1,2-Dibromoethane	52.7600	5.0	50.0000		106	69 - 123			
1,2-Dichlorobenzene	51.8800	5.0	50.0000		104	81 - 114			
1,2-Dichloroethane	50.9500	5.0	50.0000		102	71 - 119			
1,2-Dichloropropane	45.0100	5.0	50.0000		90.0	71 - 118			
1,3,5-Trimethylbenzene	50.0800	5.0	50.0000		100	81 - 120			
1,3-Dichlorobenzene	52.8600	5.0	50.0000		106	80 - 115			
1,3-Dichloropropane	48.0300	5.0	50.0000		96.1	77 - 117			
1,4-Dichlorobenzene	52.2100	5.0	50.0000		104	80 - 115			
2,2-Dichloropropane	42.6700	5.0	50.0000		85.3	58 - 141			
2-Chlorotoluene	50.3500	5.0	50.0000		101	78 - 120			
4-Chlorotoluene	49.8600	5.0	50.0000		99.7	79 - 119			
4-Isopropyltoluene	50.3900	5.0	50.0000		101	81 - 125			
Benzene	92.7500	5.0	100.000		92.8	73 - 116			
Bromobenzene	51.6900	5.0	50.0000		103	78 - 115			
Bromodichloromethane	52.1400	5.0	50.0000		104	73 - 120			
Bromoform	57.8900	5.0	50.0000		116	68 - 124			
Bromomethane	62.6400	5.0	50.0000		125	26 - 163			
Carbon tetrachloride	60.8000	5.0	50.0000		122	67 - 130			
Chlorobenzene	51.1600	5.0	50.0000		102	82 - 114			
Chloroethane	48.5100	5.0	50.0000		97.0	40 - 151			
Chloroform	45.7200	5.0	50.0000		91.4	68 - 124			
Chloromethane	34.9700	5.0	50.0000		69.9	18 - 144			
cis-1,2-Dichloroethene	42.6100	5.0	50.0000		85.2	66 - 125			
cis-1,3-Dichloropropene	48.5600	5.0	50.0000		97.1	77 - 120			
Dibromochloromethane	53.6000	5.0	50.0000		107	76 - 118			
Dibromomethane	50.2900	5.0	50.0000		101	69 - 122			
Dichlorodifluoromethane	42.9200	5.0	50.0000		85.8	0 - 155			
Ethylbenzene	95.1500	5.0	100.000		95.2	79 - 115			
Hexachlorobutadiene	55.6900	5.0	50.0000		111	71 - 121			



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

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

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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**Batch B5H0475 - MSVOA\_S (continued)**

**LCS (B5H0475-BS1) - Continued**

Prepared: 8/18/2015 Analyzed: 8/18/2015

Isopropylbenzene	51.6300	5.0	50.0000		103	78 - 126			
m,p-Xylene	92.8500	10	100.0000		92.8	80 - 119			
Methylene chloride	46.9600	5.0	50.0000		93.9	56 - 129			
n-Butylbenzene	51.7800	5.0	50.0000		104	78 - 127			
n-Propylbenzene	51.2800	5.0	50.0000		103	77 - 128			
Naphthalene	46.5000	5.0	50.0000		93.0	61 - 141			
o-Xylene	94.2000	5.0	100.0000		94.2	81 - 116			
sec-Butylbenzene	50.4900	5.0	50.0000		101	81 - 125			
Styrene	49.4600	5.0	50.0000		98.9	82 - 120			
tert-Butylbenzene	51.3500	5.0	50.0000		103	80 - 123			
Tetrachloroethene	53.5500	5.0	50.0000		107	75 - 123			
Toluene	97.4900	5.0	100.0000		97.5	75 - 119			
trans-1,2-Dichloroethene	42.9400	5.0	50.0000		85.9	62 - 127			
Trichloroethene	50.2600	5.0	50.0000		101	73 - 119			
Trichlorofluoromethane	50.8400	5.0	50.0000		102	47 - 157			
Vinyl chloride	37.8700	5.0	50.0000		75.7	27 - 147			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>38.65</i>		<i>50.0000</i>		<i>77.3</i>	<i>20 - 189</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>55.93</i>		<i>50.0000</i>		<i>112</i>	<i>20 - 173</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>45.70</i>		<i>50.0000</i>		<i>91.4</i>	<i>26 - 178</i>			
<i>Surrogate: Toluene-d8</i>	<i>41.84</i>		<i>50.0000</i>		<i>83.7</i>	<i>31 - 166</i>			



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

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

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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**Batch B5H0475 - MSVOA\_S (continued)**

**Matrix Spike (B5H0475-MS1)**

**Source: 1502816-01**

Prepared: 8/18/2015 Analyzed: 8/18/2015

1,1,1,2-Tetrachloroethane	53.1200	5.0	50.0000	ND	106	45 - 122
1,1,1-Trichloroethane	48.6600	5.0	50.0000	ND	97.3	46 - 131
1,1,2,2-Tetrachloroethane	45.4700	5.0	50.0000	ND	90.9	34 - 133
1,1,2-Trichloroethane	47.1200	5.0	50.0000	ND	94.2	40 - 133
1,1-Dichloroethane	42.1300	5.0	50.0000	ND	84.3	50 - 120
1,1-Dichloroethene	47.3300	5.0	50.0000	ND	94.7	42 - 130
1,1-Dichloropropene	51.8000	5.0	50.0000	ND	104	49 - 125
1,2,3-Trichloropropane	45.2900	5.0	50.0000	ND	90.6	42 - 130
1,2,3-Trichlorobenzene	45.3600	5.0	50.0000	ND	90.7	2 - 136
1,2,4-Trichlorobenzene	47.1000	5.0	50.0000	ND	94.2	6 - 137
1,2,4-Trimethylbenzene	48.4000	5.0	50.0000	ND	96.8	37 - 129
1,2-Dibromo-3-chloropropane	46.3800	10	50.0000	ND	92.8	36 - 135
1,2-Dibromoethane	52.1300	5.0	50.0000	ND	104	43 - 129
1,2-Dichlorobenzene	49.9100	5.0	50.0000	ND	99.8	31 - 129
1,2-Dichloroethane	49.7500	5.0	50.0000	ND	99.5	50 - 122
1,2-Dichloropropane	44.8100	5.0	50.0000	ND	89.6	51 - 119
1,3,5-Trimethylbenzene	48.6100	5.0	50.0000	ND	97.2	38 - 130
1,3-Dichlorobenzene	49.4100	5.0	50.0000	ND	98.8	31 - 128
1,3-Dichloropropane	46.9500	5.0	50.0000	ND	93.9	52 - 122
1,4-Dichlorobenzene	49.8900	5.0	50.0000	ND	99.8	31 - 128
2,2-Dichloropropane	44.4200	5.0	50.0000	ND	88.8	42 - 140
2-Chlorotoluene	48.1000	5.0	50.0000	ND	96.2	38 - 129
4-Chlorotoluene	47.4000	5.0	50.0000	ND	94.8	38 - 128
4-Isopropyltoluene	48.9200	5.0	50.0000	ND	97.8	31 - 137
Benzene	93.5300	5.0	100.000	ND	93.5	51 - 117
Bromobenzene	48.4500	5.0	50.0000	ND	96.9	41 - 125
Bromodichloromethane	50.4500	5.0	50.0000	ND	101	50 - 122
Bromoform	56.8200	5.0	50.0000	ND	114	39 - 131
Bromomethane	64.6100	5.0	50.0000	ND	129	10 - 154
Carbon tetrachloride	62.6200	5.0	50.0000	ND	125	44 - 131
Chlorobenzene	49.0800	5.0	50.0000	ND	98.2	46 - 123
Chloroethane	51.5300	5.0	50.0000	ND	103	27 - 143
Chloroform	45.3200	5.0	50.0000	ND	90.6	50 - 124
Chloromethane	38.3100	5.0	50.0000	ND	76.6	8 - 139
cis-1,2-Dichloroethene	43.1100	5.0	50.0000	ND	86.2	48 - 125
cis-1,3-Dichloropropene	48.8200	5.0	50.0000	ND	97.6	51 - 123
Dibromochloromethane	51.2800	5.0	50.0000	ND	103	48 - 124
Dibromomethane	48.8600	5.0	50.0000	ND	97.7	48 - 124
Dichlorodifluoromethane	46.5800	5.0	50.0000	ND	93.2	0 - 150
Ethylbenzene	94.5200	5.0	100.000	ND	94.5	46 - 123
Hexachlorobutadiene	53.5200	5.0	50.0000	ND	107	5 - 132



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

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

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0475 - MSVOA\_S (continued)**

**Matrix Spike (B5H0475-MS1) - Continued**

**Source: 1502816-01**

Prepared: 8/18/2015 Analyzed: 8/18/2015

Isopropylbenzene	49.6000	5.0	50.0000	ND	99.2	43 - 132			
m,p-Xylene	92.1800	10	100.0000	ND	92.2	45 - 128			
Methylene chloride	47.1500	5.0	50.0000	ND	94.3	37 - 126			
n-Butylbenzene	51.0800	5.0	50.0000	ND	102	24 - 138			
n-Propylbenzene	50.0500	5.0	50.0000	ND	100	40 - 133			
Naphthalene	43.6000	5.0	50.0000	ND	87.2	10 - 149			
o-Xylene	92.4000	5.0	100.0000	ND	92.4	45 - 125			
sec-Butylbenzene	49.3200	5.0	50.0000	ND	98.6	33 - 136			
Styrene	48.6000	5.0	50.0000	ND	97.2	43 - 128			
tert-Butylbenzene	50.0200	5.0	50.0000	ND	100	36 - 133			
Tetrachloroethene	53.1800	5.0	50.0000	ND	106	41 - 129			
Toluene	97.6700	5.0	100.0000	ND	97.7	49 - 124			
trans-1,2-Dichloroethene	45.5800	5.0	50.0000	ND	91.2	44 - 126			
Trichloroethene	51.3300	5.0	50.0000	ND	103	38 - 139			
Trichlorofluoromethane	53.7800	5.0	50.0000	ND	108	30 - 157			
Vinyl chloride	41.9800	5.0	50.0000	ND	84.0	19 - 142			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>45.02</i>		<i>50.0000</i>		<i>90.0</i>	<i>20 - 189</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>56.74</i>		<i>50.0000</i>		<i>113</i>	<i>20 - 173</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>46.73</i>		<i>50.0000</i>		<i>93.5</i>	<i>26 - 178</i>			
<i>Surrogate: Toluene-d8</i>	<i>42.59</i>		<i>50.0000</i>		<i>85.2</i>	<i>31 - 166</i>			



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

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

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0475 - MSVOA\_S (continued)**

**Matrix Spike Dup (B5H0475-MSD1)**

**Source: 1502816-01**

Prepared: 8/18/2015 Analyzed: 8/18/2015

1,1,1,2-Tetrachloroethane	46.5400	5.0	50.0000	ND	93.1	45 - 122	13.2	20	
1,1,1-Trichloroethane	42.2200	5.0	50.0000	ND	84.4	46 - 131	14.2	20	
1,1,2,2-Tetrachloroethane	40.3300	5.0	50.0000	ND	80.7	34 - 133	12.0	20	
1,1,2-Trichloroethane	43.6200	5.0	50.0000	ND	87.2	40 - 133	7.71	20	
1,1-Dichloroethane	36.6100	5.0	50.0000	ND	73.2	50 - 120	14.0	20	
1,1-Dichloroethene	40.9400	5.0	50.0000	ND	81.9	42 - 130	14.5	20	
1,1-Dichloropropene	44.2500	5.0	50.0000	ND	88.5	49 - 125	15.7	20	
1,2,3-Trichloropropane	41.3200	5.0	50.0000	ND	82.6	42 - 130	9.17	20	
1,2,3-Trichlorobenzene	40.4700	5.0	50.0000	ND	80.9	2 - 136	11.4	20	
1,2,4-Trichlorobenzene	41.5300	5.0	50.0000	ND	83.1	6 - 137	12.6	20	
1,2,4-Trimethylbenzene	42.2000	5.0	50.0000	ND	84.4	37 - 129	13.7	20	
1,2-Dibromo-3-chloropropane	45.2400	10	50.0000	ND	90.5	36 - 135	2.49	20	
1,2-Dibromoethane	48.2600	5.0	50.0000	ND	96.5	43 - 129	7.71	20	
1,2-Dichlorobenzene	44.0600	5.0	50.0000	ND	88.1	31 - 129	12.5	20	
1,2-Dichloroethane	44.8800	5.0	50.0000	ND	89.8	50 - 122	10.3	20	
1,2-Dichloropropane	39.2400	5.0	50.0000	ND	78.5	51 - 119	13.3	20	
1,3,5-Trimethylbenzene	42.9000	5.0	50.0000	ND	85.8	38 - 130	12.5	20	
1,3-Dichlorobenzene	43.8900	5.0	50.0000	ND	87.8	31 - 128	11.8	20	
1,3-Dichloropropane	41.7400	5.0	50.0000	ND	83.5	52 - 122	11.7	20	
1,4-Dichlorobenzene	43.6200	5.0	50.0000	ND	87.2	31 - 128	13.4	20	
2,2-Dichloropropane	38.3200	5.0	50.0000	ND	76.6	42 - 140	14.7	20	
2-Chlorotoluene	41.6700	5.0	50.0000	ND	83.3	38 - 129	14.3	20	
4-Chlorotoluene	40.9700	5.0	50.0000	ND	81.9	38 - 128	14.6	20	
4-Isopropyltoluene	42.1400	5.0	50.0000	ND	84.3	31 - 137	14.9	20	
Benzene	81.2900	5.0	100.000	ND	81.3	51 - 117	14.0	20	
Bromobenzene	42.1100	5.0	50.0000	ND	84.2	41 - 125	14.0	20	
Bromodichloromethane	44.3700	5.0	50.0000	ND	88.7	50 - 122	12.8	20	
Bromoform	52.1000	5.0	50.0000	ND	104	39 - 131	8.67	20	
Bromomethane	55.4000	5.0	50.0000	ND	111	10 - 154	15.3	20	
Carbon tetrachloride	52.4100	5.0	50.0000	ND	105	44 - 131	17.8	20	
Chlorobenzene	43.8400	5.0	50.0000	ND	87.7	46 - 123	11.3	20	
Chloroethane	42.8600	5.0	50.0000	ND	85.7	27 - 143	18.4	20	
Chloroform	40.6900	5.0	50.0000	ND	81.4	50 - 124	10.8	20	
Chloromethane	33.0200	5.0	50.0000	ND	66.0	8 - 139	14.8	20	
cis-1,2-Dichloroethene	39.2600	5.0	50.0000	ND	78.5	48 - 125	9.35	20	
cis-1,3-Dichloropropene	43.5800	5.0	50.0000	ND	87.2	51 - 123	11.3	20	
Dibromochloromethane	46.5000	5.0	50.0000	ND	93.0	48 - 124	9.78	20	
Dibromomethane	45.3300	5.0	50.0000	ND	90.7	48 - 124	7.50	20	
Dichlorodifluoromethane	39.7800	5.0	50.0000	ND	79.6	0 - 150	15.7	20	
Ethylbenzene	82.1600	5.0	100.000	ND	82.2	46 - 123	14.0	20	
Hexachlorobutadiene	46.0300	5.0	50.0000	ND	92.1	5 - 132	15.0	20	



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

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

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0475 - MSVOA\_S (continued)**

**Matrix Spike Dup (B5H0475-MSD1) - Continued**

**Source: 1502816-01**

Prepared: 8/18/2015 Analyzed: 8/18/2015

Isopropylbenzene	42.6700	5.0	50.0000	ND	85.3	43 - 132	15.0	20	
m,p-Xylene	80.8800	10	100.0000	ND	80.9	45 - 128	13.1	20	
Methylene chloride	41.8800	5.0	50.0000	ND	83.8	37 - 126	11.8	20	
n-Butylbenzene	44.2800	5.0	50.0000	ND	88.6	24 - 138	14.3	20	
n-Propylbenzene	42.9500	5.0	50.0000	ND	85.9	40 - 133	15.3	20	
Naphthalene	40.2500	5.0	50.0000	ND	80.5	10 - 149	7.99	20	
o-Xylene	82.1400	5.0	100.0000	ND	82.1	45 - 125	11.8	20	
sec-Butylbenzene	42.2100	5.0	50.0000	ND	84.4	33 - 136	15.5	20	
Styrene	43.2300	5.0	50.0000	ND	86.5	43 - 128	11.7	20	
tert-Butylbenzene	43.0900	5.0	50.0000	ND	86.2	36 - 133	14.9	20	
Tetrachloroethene	46.5300	5.0	50.0000	ND	93.1	41 - 129	13.3	20	
Toluene	85.4800	5.0	100.0000	ND	85.5	49 - 124	13.3	20	
trans-1,2-Dichloroethene	39.6000	5.0	50.0000	ND	79.2	44 - 126	14.0	20	
Trichloroethene	42.9300	5.0	50.0000	ND	85.9	38 - 139	17.8	20	
Trichlorofluoromethane	45.7900	5.0	50.0000	ND	91.6	30 - 157	16.0	20	
Vinyl chloride	35.9200	5.0	50.0000	ND	71.8	19 - 142	15.6	20	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>41.56</i>		<i>50.0000</i>		<i>83.1</i>	<i>20 - 189</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>56.90</i>		<i>50.0000</i>		<i>114</i>	<i>20 - 173</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>48.70</i>		<i>50.0000</i>		<i>97.4</i>	<i>26 - 178</i>			
<i>Surrogate: Toluene-d8</i>	<i>42.76</i>		<i>50.0000</i>		<i>85.5</i>	<i>31 - 166</i>			



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

### Semivolatile Organic Compounds by EPA 8270C - Quality Control

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	Limits	RPD	RPD Limit	Notes
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**Batch B5H0470 - MSSEMI\_S**

**Blank (B5H0470-BLK1)**

Prepared: 8/18/2015 Analyzed: 8/20/2015

1,2,4-Trichlorobenzene	ND	330			NR
1,2-Dichlorobenzene	ND	330			NR
1,3-Dichlorobenzene	ND	330			NR
1,4-Dichlorobenzene	ND	330			NR
2,4,5-Trichlorophenol	ND	330			NR
2,4,6-Trichlorophenol	ND	330			NR
2,4-Dichlorophenol	ND	1600			NR
2,4-Dimethylphenol	ND	330			NR
2,4-Dinitrophenol	ND	1600			NR
2,4-Dinitrotoluene	ND	330			NR
2,6-Dinitrotoluene	ND	330			NR
2-Chloronaphthalene	ND	330			NR
2-Chlorophenol	ND	330			NR
2-Methylnaphthalene	ND	330			NR
2-Methylphenol	ND	330			NR
2-Nitroaniline	ND	1600			NR
2-Nitrophenol	ND	330			NR
3,3'-Dichlorobenzidine	ND	660			NR
3-Nitroaniline	ND	1600			NR
4,6-Dinitro-2-methylphenol	ND	1600			NR
4-Bromophenyl-phenylether	ND	330			NR
4-Chloro-3-methylphenol	ND	660			NR
4-Chloroaniline	ND	660			NR
4-Chlorophenyl-phenylether	ND	330			NR
4-Methylphenol	ND	330			NR
4-Nitroaniline	ND	1600			NR
4-Nitrophenol	ND	330			NR
Acenaphthene	ND	330			NR
Acenaphthylene	ND	330			NR
Anthracene	ND	330			NR
Benzydine (M)	ND	1600			NR
Benzo(a)anthracene	ND	330			NR
Benzo(a)pyrene	ND	330			NR
Benzo(b)fluoranthene	ND	330			NR
Benzo(g,h,i)perylene	ND	330			NR
Benzo(k)fluoranthene	ND	330			NR
Benzoic acid	ND	1600			NR
Benzyl alcohol	ND	660			NR
bis(2-chloroethoxy)methane	ND	330			NR
bis(2-Chloroethyl)ether	ND	330			NR
bis(2-chloroisopropyl)ether	ND	330			NR





## Certificate of Analysis

Geocon West, Inc.

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Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

### Semivolatile Organic Compounds by EPA 8270C - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0470 - MSSEMI\_S (continued)**

**Blank (B5H0470-BLK1) - Continued**

Prepared: 8/18/2015 Analyzed: 8/20/2015

bis(2-ethylhexyl)phthalate	ND	330			NR				
Butylbenzylphthalate	ND	330			NR				
Chrysene	ND	330			NR				
Di-n-butylphthalate	ND	330			NR				
Di-n-octylphthalate	ND	330			NR				
Dibenz(a,h)anthracene	ND	330			NR				
Dibenzofuran	ND	330			NR				
Diethyl phthalate	ND	330			NR				
Dimethyl phthalate	ND	330			NR				
Fluoranthene	ND	330			NR				
Fluorene	ND	330			NR				
Hexachlorobenzene	ND	330			NR				
Hexachlorobutadiene	ND	660			NR				
Hexachlorocyclopentadiene	ND	660			NR				
Hexachloroethane	ND	330			NR				
Indeno(1,2,3-cd)pyrene	ND	330			NR				
Isophorone	ND	330			NR				
N-Nitroso-di-n propylamine	ND	330			NR				
N-Nitrosodiphenylamine	ND	330			NR				
Naphthalene	ND	330			NR				
Nitrobenzene	ND	330			NR				
Pentachlorophenol	ND	1600			NR				
Phenanthrene	ND	330			NR				
Phenol	ND	330			NR				
Pyrene	ND	330			NR				
Pyridine	ND	1600			NR				
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Surrogate: 1,2-Dichlorobenzene-d4	2434		3333.33		73.0	24 - 114			
Surrogate: 2,4,6-Tribromophenol	2595		3333.33		77.9	0 - 189			
Surrogate: 2-Chlorophenol-d4	2456		3333.33		73.7	23 - 123			
Surrogate: 2-Fluorobiphenyl	2635		3333.33		79.1	28 - 128			
Surrogate: 2-Fluorophenol	2485		3333.33		74.6	8 - 138			
Surrogate: 4-Terphenyl-d14	3059		3333.33		91.8	27 - 154			
Surrogate: Nitrobenzene-d5	2647		3333.33		79.4	19 - 129			
Surrogate: Phenol-d5	2559		3333.33		76.8	20 - 126			



# Certificate of Analysis

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Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

## Semivolatile Organic Compounds by EPA 8270C - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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### Batch B5H0470 - MSSEMI\_S (continued)

#### LCS (B5H0470-BS1)

Prepared: 8/18/2015 Analyzed: 8/20/2015

1,2,4-Trichlorobenzene	3025.00	330	3333.33		90.8	67 - 110			
1,2-Dichlorobenzene	2904.00	330	3333.33		87.1	64 - 104			
1,3-Dichlorobenzene	2982.67	330	3333.33		89.5	63 - 104			
1,4-Dichlorobenzene	2697.67	330	3333.33		80.9	62 - 102			
2,4,5-Trichlorophenol	3775.00	330	3333.33		113	69 - 129			
2,4,6-Trichlorophenol	4272.33	330	3333.33		128	66 - 127			L5
2,4-Dichlorophenol	3995.67	1600	3333.33		120	64 - 116			L5
2,4-Dimethylphenol	3832.67	330	3333.33		115	61 - 111			L5
2,4-Dinitrophenol	4002.67	1600	3333.33		120	33 - 138			
2,4-Dinitrotoluene	3564.00	330	3333.33		107	76 - 137			
2,6-Dinitrotoluene	3663.00	330	3333.33		110	76 - 132			
2-Chloronaphthalene	3171.67	330	3333.33		95.2	67 - 126			
2-Chlorophenol	3746.33	330	3333.33		112	65 - 105			L5
2-Methylnaphthalene	3423.00	330	3333.33		103	68 - 121			
2-Methylphenol	3456.33	330	3333.33		104	66 - 103			L5
2-Nitroaniline	4198.33	1600	3333.33		126	62 - 137			
2-Nitrophenol	4329.00	330	3333.33		130	60 - 122			L5
3,3'-Dichlorobenzidine	3659.67	660	3333.33		110	61 - 128			
3-Nitroaniline	3691.33	1600	3333.33		111	61 - 118			
4,6-Dinitro-2-methylphenol	5085.67	1600	3333.33		153	57 - 146			L5
4-Bromophenyl-phenylether	3300.33	330	3333.33		99.0	71 - 135			
4-Chloro-3-methylphenol	4258.67	660	3333.33		128	72 - 124			L5
4-Chloroaniline	3492.33	660	3333.33		105	59 - 108			
4-Chlorophenyl-phenylether	3298.33	330	3333.33		99.0	71 - 135			
4-Methylphenol	3539.00	330	3333.33		106	72 - 113			
4-Nitroaniline	3861.67	1600	3333.33		116	70 - 130			
4-Nitrophenol	4595.33	330	3333.33		138	55 - 146			
Acenaphthene	3291.33	330	3333.33		98.7	66 - 112			
Acenaphthylene	3196.00	330	3333.33		95.9	66 - 114			
Anthracene	3456.33	330	3333.33		104	72 - 123			
Benzidine (M)	3970.67	1600	3333.33		119	43 - 155			
Benzo(a)anthracene	3404.33	330	3333.33		102	73 - 115			
Benzo(a)pyrene	3625.67	330	3333.33		109	78 - 125			
Benzo(b)fluoranthene	3581.00	330	3333.33		107	71 - 127			
Benzo(g,h,i)perylene	3430.00	330	3333.33		103	73 - 120			
Benzo(k)fluoranthene	3335.33	330	3333.33		100	72 - 121			
Benzoic acid	1870.33	1600	3333.33		56.1	19 - 133			
Benzyl alcohol	3822.00	660	3333.33		115	65 - 119			
bis(2-chloroethoxy)methane	3003.33	330	3333.33		90.1	62 - 118			
bis(2-Chloroethyl)ether	2992.33	330	3333.33		89.8	55 - 111			
bis(2-chloroisopropyl)ether	3219.00	330	3333.33		96.6	34 - 131			



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

### Semivolatile Organic Compounds by EPA 8270C - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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**Batch B5H0470 - MSSEMI\_S (continued)**

**LCS (B5H0470-BS1) - Continued**

Prepared: 8/18/2015 Analyzed: 8/20/2015

bis(2-ethylhexyl)phthalate	3787.33	330	3333.33		114	51 - 165			
Butylbenzylphthalate	3995.33	330	3333.33		120	54 - 155			
Chrysene	3251.67	330	3333.33		97.6	70 - 110			
Di-n-butylphthalate	3387.33	330	3333.33		102	65 - 155			
Di-n-octylphthalate	4240.67	330	3333.33		127	59 - 151			
Dibenz(a,h)anthracene	3549.33	330	3333.33		106	72 - 132			
Dibenzofuran	3434.33	330	3333.33		103	67 - 124			
Diethyl phthalate	3349.00	330	3333.33		100	66 - 138			
Dimethyl phthalate	3416.67	330	3333.33		102	70 - 136			
Fluoranthene	3162.67	330	3333.33		94.9	69 - 122			
Fluorene	3218.67	330	3333.33		96.6	67 - 120			
Hexachlorobenzene	3282.67	330	3333.33		98.5	71 - 130			
Hexachlorobutadiene	2764.33	660	3333.33		82.9	57 - 111			
Hexachlorocyclopentadiene	3520.67	660	3333.33		106	63 - 135			
Hexachloroethane	2874.33	330	3333.33		86.2	60 - 107			
Indeno(1,2,3-cd)pyrene	3748.00	330	3333.33		112	76 - 136			
Isophorone	3465.33	330	3333.33		104	63 - 137			
N-Nitroso-di-n propylamine	3338.33	330	3333.33		100	59 - 127			
N-Nitrosodiphenylamine	3567.00	330	3333.33		107	70 - 137			
Naphthalene	3018.67	330	3333.33		90.6	62 - 104			
Nitrobenzene	3162.00	330	3333.33		94.9	57 - 127			
Pentachlorophenol	3931.33	1600	3333.33		118	51 - 135			
Phenanthrene	3298.00	330	3333.33		98.9	70 - 121			
Phenol	4007.00	330	3333.33		120	63 - 112			L5
Pyrene	3137.67	330	3333.33		94.1	67 - 123			
Pyridine	2490.33	1600	3333.33		74.7	18 - 106			
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Surrogate: 1,2-Dichlorobenzene-d4	2703		3333.33		81.1	24 - 114			
Surrogate: 2,4,6-Tribromophenol	2897		3333.33		86.9	0 - 189			
Surrogate: 2-Chlorophenol-d4	2755		3333.33		82.7	23 - 123			
Surrogate: 2-Fluorobiphenyl	2977		3333.33		89.3	28 - 128			
Surrogate: 2-Fluorophenol	2728		3333.33		81.8	8 - 138			
Surrogate: 4-Terphenyl-d14	3405		3333.33		102	27 - 154			
Surrogate: Nitrobenzene-d5	2946		3333.33		88.4	19 - 129			
Surrogate: Phenol-d5	2878		3333.33		86.3	20 - 126			



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

### Semivolatile Organic Compounds by EPA 8270C - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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**Batch B5H0470 - MSSEMI\_S (continued)**

**Matrix Spike (B5H0470-MS1)**

**Source: 1502812-06**

Prepared: 8/18/2015 Analyzed: 8/20/2015

1,2,4-Trichlorobenzene	2786.33	330	3333.33	ND	83.6	56 - 112			
1,2-Dichlorobenzene	2622.33	330	3333.33	ND	78.7	52 - 105			
1,3-Dichlorobenzene	2683.33	330	3333.33	ND	80.5	51 - 105			
1,4-Dichlorobenzene	2417.33	330	3333.33	ND	72.5	50 - 104			
2,4,5-Trichlorophenol	3721.33	330	3333.33	ND	112	41 - 145			
2,4,6-Trichlorophenol	4150.00	330	3333.33	ND	124	35 - 147			
2,4-Dichlorophenol	3824.00	1600	3333.33	ND	115	50 - 120			
2,4-Dimethylphenol	3678.00	330	3333.33	ND	110	56 - 108			M7
2,4-Dinitrophenol	4276.33	1600	3333.33	ND	128	0 - 167			
2,4-Dinitrotoluene	3597.00	330	3333.33	ND	108	60 - 146			
2,6-Dinitrotoluene	3598.33	330	3333.33	ND	108	65 - 138			
2-Chloronaphthalene	3067.67	330	3333.33	ND	92.0	62 - 127			
2-Chlorophenol	3408.00	330	3333.33	ND	102	48 - 112			
2-Methylnaphthalene	3269.00	330	3333.33	ND	98.1	61 - 120			
2-Methylphenol	3167.00	330	3333.33	ND	95.0	53 - 107			
2-Nitroaniline	4026.00	1600	3333.33	ND	121	53 - 140			
2-Nitrophenol	4173.00	330	3333.33	ND	125	43 - 127			
3,3'-Dichlorobenzidine	3952.67	660	3333.33	ND	119	39 - 149			
3-Nitroaniline	3764.67	1600	3333.33	ND	113	47 - 127			
4,6-Dinitro-2-methylphenol	5356.33	1600	3333.33	ND	161	28 - 158			M7
4-Bromophenyl-phenylether	3301.00	330	3333.33	ND	99.0	67 - 137			
4-Chloro-3-methylphenol	4186.67	660	3333.33	ND	126	38 - 120			M7
4-Chloroaniline	3286.67	660	3333.33	ND	98.6	53 - 104			
4-Chlorophenyl-phenylether	3195.33	330	3333.33	ND	95.9	58 - 143			
4-Methylphenol	3332.67	330	3333.33	ND	100	59 - 116			
4-Nitroaniline	3912.67	1600	3333.33	ND	117	49 - 142			
4-Nitrophenol	4777.00	330	3333.33	ND	143	30 - 155			
Acenaphthene	3207.00	330	3333.33	ND	96.2	56 - 116			
Acenaphthylene	3102.67	330	3333.33	ND	93.1	57 - 118			
Anthracene	3460.67	330	3333.33	ND	104	63 - 129			
Benzidine (M)	ND	1600	3333.33	ND	NR	29 - 127			M2
Benzo(a)anthracene	3397.00	330	3333.33	ND	102	69 - 114			
Benzo(a)pyrene	3670.67	330	3333.33	ND	110	67 - 127			
Benzo(b)fluoranthene	3533.33	330	3333.33	ND	106	68 - 122			
Benzo(g,h,i)perylene	3534.67	330	3333.33	ND	106	50 - 138			
Benzo(k)fluoranthene	3453.00	330	3333.33	ND	104	60 - 125			
Benzoic acid	4246.00	1600	3333.33	ND	127	0 - 215			
Benzyl alcohol	3518.33	660	3333.33	ND	106	54 - 117			
bis(2-chloroethoxy)methane	2867.33	330	3333.33	ND	86.0	54 - 119			
bis(2-Chloroethyl)ether	2769.00	330	3333.33	ND	83.1	41 - 118			
bis(2-chloroisopropyl)ether	2895.33	330	3333.33	ND	86.9	33 - 123			



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

### Semivolatile Organic Compounds by EPA 8270C - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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**Batch B5H0470 - MSSEMI\_S (continued)**

**Matrix Spike (B5H0470-MS1) - Continued**

**Source: 1502812-06**

Prepared: 8/18/2015 Analyzed: 8/20/2015

bis(2-ethylhexyl)phthalate	3900.33	330	3333.33	ND	117	53 - 158			
Butylbenzylphthalate	4042.00	330	3333.33	ND	121	53 - 152			
Chrysene	3279.33	330	3333.33	ND	98.4	62 - 113			
Di-n-butylphthalate	3445.00	330	3333.33	ND	103	57 - 158			
Di-n-octylphthalate	4255.00	330	3333.33	ND	128	38 - 166			
Dibenz(a,h)anthracene	3670.67	330	3333.33	ND	110	52 - 142			
Dibenzofuran	3349.67	330	3333.33	ND	100	54 - 134			
Diethyl phthalate	3311.00	330	3333.33	ND	99.3	61 - 140			
Dimethyl phthalate	3330.00	330	3333.33	ND	99.9	63 - 137			
Fluoranthene	3182.67	330	3333.33	ND	95.5	55 - 133			
Fluorene	3202.67	330	3333.33	ND	96.1	54 - 131			
Hexachlorobenzene	3305.00	330	3333.33	ND	99.2	65 - 134			
Hexachlorobutadiene	2533.00	660	3333.33	ND	76.0	48 - 114			
Hexachlorocyclopentadiene	3253.67	660	3333.33	ND	97.6	50 - 142			
Hexachloroethane	2550.33	330	3333.33	ND	76.5	43 - 119			
Indeno(1,2,3-cd)pyrene	3854.00	330	3333.33	ND	116	56 - 149			
Isophorone	3375.00	330	3333.33	ND	101	56 - 136			
N-Nitroso-di-n propylamine	3123.00	330	3333.33	ND	93.7	47 - 130			
N-Nitrosodiphenylamine	3592.00	330	3333.33	ND	108	70 - 137			
Naphthalene	2827.67	330	3333.33	ND	84.8	54 - 105			
Nitrobenzene	2954.00	330	3333.33	ND	88.6	47 - 130			
Pentachlorophenol	4554.67	1600	3333.33	ND	137	18 - 160			
Phenanthrene	3294.00	330	3333.33	ND	98.8	50 - 140			
Phenol	3698.33	330	3333.33	ND	111	55 - 112			
Pyrene	3195.67	330	3333.33	ND	95.9	54 - 135			
Pyridine	1985.00	1600	3333.33	ND	59.6	0 - 139			
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	2095		3333.33		62.9	24 - 114			
<i>Surrogate: 2,4,6-Tribromophenol</i>	2905		3333.33		87.2	0 - 189			
<i>Surrogate: 2-Chlorophenol-d4</i>	2434		3333.33		73.0	23 - 123			
<i>Surrogate: 2-Fluorobiphenyl</i>	2372		3333.33		71.2	28 - 128			
<i>Surrogate: 2-Fluorophenol</i>	2407		3333.33		72.2	8 - 138			
<i>Surrogate: 4-Terphenyl-d14</i>	3054		3333.33		91.6	27 - 154			
<i>Surrogate: Nitrobenzene-d5</i>	2617		3333.33		78.5	19 - 129			
<i>Surrogate: Phenol-d5</i>	2554		3333.33		76.6	20 - 126			



## Certificate of Analysis

Geocon West, Inc.

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Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

### Semivolatile Organic Compounds by EPA 8270C - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0470 - MSSEMI\_S (continued)**

**Matrix Spike Dup (B5H0470-MSD1)**

**Source: 1502812-06**

Prepared: 8/18/2015 Analyzed: 8/20/2015

1,2,4-Trichlorobenzene	2975.33	330	3333.33	ND	89.3	56 - 112	6.56	20	
1,2-Dichlorobenzene	2802.00	330	3333.33	ND	84.1	52 - 105	6.62	20	
1,3-Dichlorobenzene	2884.33	330	3333.33	ND	86.5	51 - 105	7.22	20	
1,4-Dichlorobenzene	2604.33	330	3333.33	ND	78.1	50 - 104	7.45	20	
2,4,5-Trichlorophenol	3785.33	330	3333.33	ND	114	41 - 145	1.71	20	
2,4,6-Trichlorophenol	4264.00	330	3333.33	ND	128	35 - 147	2.71	20	
2,4-Dichlorophenol	3931.67	1600	3333.33	ND	118	50 - 120	2.78	20	
2,4-Dimethylphenol	3735.00	330	3333.33	ND	112	56 - 108	1.54	20	M7
2,4-Dinitrophenol	4141.00	1600	3333.33	ND	124	0 - 167	3.22	20	
2,4-Dinitrotoluene	3501.00	330	3333.33	ND	105	60 - 146	2.70	20	
2,6-Dinitrotoluene	3620.33	330	3333.33	ND	109	65 - 138	0.610	20	
2-Chloronaphthalene	3147.67	330	3333.33	ND	94.4	62 - 127	2.57	20	
2-Chlorophenol	3623.33	330	3333.33	ND	109	48 - 112	6.12	20	
2-Methylnaphthalene	3400.00	330	3333.33	ND	102	61 - 120	3.93	20	
2-Methylphenol	3353.67	330	3333.33	ND	101	53 - 107	5.73	20	
2-Nitroaniline	4091.33	1600	3333.33	ND	123	53 - 140	1.61	20	
2-Nitrophenol	4227.00	330	3333.33	ND	127	43 - 127	1.29	20	
3,3'-Dichlorobenzidine	3897.67	660	3333.33	ND	117	39 - 149	1.40	20	
3-Nitroaniline	3664.67	1600	3333.33	ND	110	47 - 127	2.69	20	
4,6-Dinitro-2-methylphenol	5247.67	1600	3333.33	ND	157	28 - 158	2.05	20	
4-Bromophenyl-phenylether	3310.67	330	3333.33	ND	99.3	67 - 137	0.292	20	
4-Chloro-3-methylphenol	4285.67	660	3333.33	ND	129	38 - 120	2.34	20	M7
4-Chloroaniline	3296.00	660	3333.33	ND	98.9	53 - 104	0.284	20	
4-Chlorophenyl-phenylether	3234.00	330	3333.33	ND	97.0	58 - 143	1.20	20	
4-Methylphenol	3455.00	330	3333.33	ND	104	59 - 116	3.60	20	
4-Nitroaniline	3801.00	1600	3333.33	ND	114	49 - 142	2.90	20	
4-Nitrophenol	4686.33	330	3333.33	ND	141	30 - 155	1.92	20	
Acenaphthene	3244.33	330	3333.33	ND	97.3	56 - 116	1.16	20	
Acenaphthylene	3196.00	330	3333.33	ND	95.9	57 - 118	2.96	20	
Anthracene	3407.33	330	3333.33	ND	102	63 - 129	1.55	20	
Benidine (M)	ND	1600	3333.33	ND	NR	29 - 127		20	M2
Benzo(a)anthracene	3374.00	330	3333.33	ND	101	69 - 114	0.679	20	
Benzo(a)pyrene	3568.33	330	3333.33	ND	107	67 - 127	2.83	20	
Benzo(b)fluoranthene	3563.33	330	3333.33	ND	107	68 - 122	0.845	20	
Benzo(g,h,i)perylene	3430.33	330	3333.33	ND	103	50 - 138	3.00	20	
Benzo(k)fluoranthene	3302.67	330	3333.33	ND	99.1	60 - 125	4.45	20	
Benzoic acid	3694.00	1600	3333.33	ND	111	0 - 215	13.9	20	
Benzyl alcohol	3721.00	660	3333.33	ND	112	54 - 117	5.60	20	
bis(2-chloroethoxy)methane	2962.33	330	3333.33	ND	88.9	54 - 119	3.26	20	
bis(2-Chloroethyl)ether	2925.67	330	3333.33	ND	87.8	41 - 118	5.50	20	
bis(2-chloroisopropyl)ether	3085.00	330	3333.33	ND	92.6	33 - 123	6.34	20	



## Certificate of Analysis

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Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

### Semivolatile Organic Compounds by EPA 8270C - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0470 - MSSEMI\_S (continued)**

**Matrix Spike Dup (B5H0470-MSD1) - Continued**

**Source: 1502812-06**

Prepared: 8/18/2015 Analyzed: 8/20/2015

bis(2-ethylhexyl)phthalate	3833.00	330	3333.33	ND	115	53 - 158	1.74	20	
Butylbenzylphthalate	4013.67	330	3333.33	ND	120	53 - 152	0.703	20	
Chrysene	3233.33	330	3333.33	ND	97.0	62 - 113	1.41	20	
Di-n-butylphthalate	3410.33	330	3333.33	ND	102	57 - 158	1.01	20	
Di-n-octylphthalate	4178.67	330	3333.33	ND	125	38 - 166	1.81	20	
Dibenz(a,h)anthracene	3564.67	330	3333.33	ND	107	52 - 142	2.93	20	
Dibenzofuran	3454.67	330	3333.33	ND	104	54 - 134	3.09	20	
Diethyl phthalate	3315.33	330	3333.33	ND	99.5	61 - 140	0.131	20	
Dimethyl phthalate	3377.00	330	3333.33	ND	101	63 - 137	1.40	20	
Fluoranthene	3146.00	330	3333.33	ND	94.4	55 - 133	1.16	20	
Fluorene	3223.67	330	3333.33	ND	96.7	54 - 131	0.654	20	
Hexachlorobenzene	3275.33	330	3333.33	ND	98.3	65 - 134	0.902	20	
Hexachlorobutadiene	2633.67	660	3333.33	ND	79.0	48 - 114	3.90	20	
Hexachlorocyclopentadiene	3428.67	660	3333.33	ND	103	50 - 142	5.24	20	
Hexachloroethane	2756.33	330	3333.33	ND	82.7	43 - 119	7.76	20	
Indeno(1,2,3-cd)pyrene	3759.00	330	3333.33	ND	113	56 - 149	2.50	20	
Isophorone	3441.33	330	3333.33	ND	103	56 - 136	1.95	20	
N-Nitroso-di-n propylamine	3258.67	330	3333.33	ND	97.8	47 - 130	4.25	20	
N-Nitrosodiphenylamine	3533.33	330	3333.33	ND	106	70 - 137	1.65	20	
Naphthalene	2915.00	330	3333.33	ND	87.5	54 - 105	3.04	20	
Nitrobenzene	3077.00	330	3333.33	ND	92.3	47 - 130	4.08	20	
Pentachlorophenol	4325.33	1600	3333.33	ND	130	18 - 160	5.17	20	
Phenanthrene	3275.33	330	3333.33	ND	98.3	50 - 140	0.568	20	
Phenol	3844.67	330	3333.33	ND	115	55 - 112	3.88	20	M7
Pyrene	3158.67	330	3333.33	ND	94.8	54 - 135	1.16	20	
Pyridine	2207.67	1600	3333.33	ND	66.2	0 - 139	10.6	20	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	2197		3333.33		65.9	24 - 114			
<i>Surrogate: 2,4,6-Tribromophenol</i>	2872		3333.33		86.2	0 - 189			
<i>Surrogate: 2-Chlorophenol-d4</i>	2557		3333.33		76.7	23 - 123			
<i>Surrogate: 2-Fluorobiphenyl</i>	2331		3333.33		69.9	28 - 128			
<i>Surrogate: 2-Fluorophenol</i>	2567		3333.33		77.0	8 - 138			
<i>Surrogate: 4-Terphenyl-d14</i>	2830		3333.33		84.9	27 - 154			
<i>Surrogate: Nitrobenzene-d5</i>	2733		3333.33		82.0	19 - 129			
<i>Surrogate: Phenol-d5</i>	2715		3333.33		81.5	20 - 126			



# Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
 Report To : Scott Nunez  
 Reported : 08/27/2015

## Semivolatile Organic Compounds by EPA 8270C - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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### Batch B5H0488 - MSSEMI\_S

#### Blank (B5H0488-BLK1)

Prepared: 8/19/2015 Analyzed: 8/20/2015

1,2,4-Trichlorobenzene	ND	330			NR
1,2-Dichlorobenzene	ND	330			NR
1,3-Dichlorobenzene	ND	330			NR
1,4-Dichlorobenzene	ND	330			NR
2,4,5-Trichlorophenol	ND	330			NR
2,4,6-Trichlorophenol	ND	330			NR
2,4-Dichlorophenol	ND	1600			NR
2,4-Dimethylphenol	ND	330			NR
2,4-Dinitrophenol	ND	1600			NR
2,4-Dinitrotoluene	ND	330			NR
2,6-Dinitrotoluene	ND	330			NR
2-Chloronaphthalene	ND	330			NR
2-Chlorophenol	ND	330			NR
2-Methylnaphthalene	ND	330			NR
2-Methylphenol	ND	330			NR
2-Nitroaniline	ND	1600			NR
2-Nitrophenol	ND	330			NR
3,3'-Dichlorobenzidine	ND	660			NR
3-Nitroaniline	ND	1600			NR
4,6-Dinitro-2-methylphenol	ND	1600			NR
4-Bromophenyl-phenylether	ND	330			NR
4-Chloro-3-methylphenol	ND	660			NR
4-Chloroaniline	ND	660			NR
4-Chlorophenyl-phenylether	ND	330			NR
4-Methylphenol	ND	330			NR
4-Nitroaniline	ND	1600			NR
4-Nitrophenol	ND	330			NR
Acenaphthene	ND	330			NR
Acenaphthylene	ND	330			NR
Anthracene	ND	330			NR
Benzidine (M)	ND	1600			NR
Benzo(a)anthracene	ND	330			NR
Benzo(a)pyrene	ND	330			NR
Benzo(b)fluoranthene	ND	330			NR
Benzo(g,h,i)perylene	ND	330			NR
Benzo(k)fluoranthene	ND	330			NR
Benzoic acid	ND	1600			NR
Benzyl alcohol	ND	660			NR
bis(2-chloroethoxy)methane	ND	330			NR
bis(2-Chloroethyl)ether	ND	330			NR
bis(2-chloroisopropyl)ether	ND	330			NR





## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

### Semivolatile Organic Compounds by EPA 8270C - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0488 - MSSEMI\_S (continued)**

**Blank (B5H0488-BLK1) - Continued**

Prepared: 8/19/2015 Analyzed: 8/20/2015

bis(2-ethylhexyl)phthalate	ND	330				NR			
Butylbenzylphthalate	ND	330				NR			
Chrysene	ND	330				NR			
Di-n-butylphthalate	ND	330				NR			
Di-n-octylphthalate	ND	330				NR			
Dibenz(a,h)anthracene	ND	330				NR			
Dibenzofuran	ND	330				NR			
Diethyl phthalate	ND	330				NR			
Dimethyl phthalate	ND	330				NR			
Fluoranthene	ND	330				NR			
Fluorene	ND	330				NR			
Hexachlorobenzene	ND	330				NR			
Hexachlorobutadiene	ND	660				NR			
Hexachlorocyclopentadiene	ND	660				NR			
Hexachloroethane	ND	330				NR			
Indeno(1,2,3-cd)pyrene	ND	330				NR			
Isophorone	ND	330				NR			
N-Nitroso-di-n propylamine	ND	330				NR			
N-Nitrosodiphenylamine	ND	330				NR			
Naphthalene	ND	330				NR			
Nitrobenzene	ND	330				NR			
Pentachlorophenol	ND	1600				NR			
Phenanthrene	ND	330				NR			
Phenol	ND	330				NR			
Pyrene	ND	330				NR			
Pyridine	ND	1600				NR			
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	2433		3333.33		73.0		24 - 114		
<i>Surrogate: 2,4,6-Tribromophenol</i>	2448		3333.33		73.4		0 - 189		
<i>Surrogate: 2-Chlorophenol-d4</i>	2383		3333.33		71.5		23 - 123		
<i>Surrogate: 2-Fluorobiphenyl</i>	2514		3333.33		75.4		28 - 128		
<i>Surrogate: 2-Fluorophenol</i>	2243		3333.33		67.3		8 - 138		
<i>Surrogate: 4-Terphenyl-d14</i>	2685		3333.33		80.5		27 - 154		
<i>Surrogate: Nitrobenzene-d5</i>	2599		3333.33		78.0		19 - 129		
<i>Surrogate: Phenol-d5</i>	2487		3333.33		74.6		20 - 126		



## Certificate of Analysis

Geocon West, Inc.

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Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

### Semivolatile Organic Compounds by EPA 8270C - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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**Batch B5H0488 - MSSEMI\_S (continued)**

**LCS (B5H0488-BS1)**

Prepared: 8/19/2015 Analyzed: 8/20/2015

1,2,4-Trichlorobenzene	2771.33	330	3333.33		83.1	67 - 110			
1,2-Dichlorobenzene	2632.00	330	3333.33		79.0	64 - 104			
1,3-Dichlorobenzene	2705.33	330	3333.33		81.2	63 - 104			
1,4-Dichlorobenzene	2457.00	330	3333.33		73.7	62 - 102			
2,4,5-Trichlorophenol	3408.33	330	3333.33		102	69 - 129			
2,4,6-Trichlorophenol	3851.33	330	3333.33		116	66 - 127			
2,4-Dichlorophenol	3558.33	1600	3333.33		107	64 - 116			
2,4-Dimethylphenol	3571.67	330	3333.33		107	61 - 111			
2,4-Dinitrophenol	3379.67	1600	3333.33		101	33 - 138			
2,4-Dinitrotoluene	3119.00	330	3333.33		93.6	76 - 137			
2,6-Dinitrotoluene	3200.00	330	3333.33		96.0	76 - 132			
2-Chloronaphthalene	2886.00	330	3333.33		86.6	67 - 126			
2-Chlorophenol	3391.33	330	3333.33		102	65 - 105			
2-Methylnaphthalene	3023.33	330	3333.33		90.7	68 - 121			
2-Methylphenol	3160.33	330	3333.33		94.8	66 - 103			
2-Nitroaniline	3730.67	1600	3333.33		112	62 - 137			
2-Nitrophenol	3965.67	330	3333.33		119	60 - 122			
3,3'-Dichlorobenzidine	3233.00	660	3333.33		97.0	61 - 128			
3-Nitroaniline	3331.67	1600	3333.33		100	61 - 118			
4,6-Dinitro-2-methylphenol	3927.00	1600	3333.33		118	57 - 146			
4-Bromophenyl-phenylether	2867.33	330	3333.33		86.0	71 - 135			
4-Chloro-3-methylphenol	3766.00	660	3333.33		113	72 - 124			
4-Chloroaniline	2955.67	660	3333.33		88.7	59 - 108			
4-Chlorophenyl-phenylether	2821.67	330	3333.33		84.7	71 - 135			
4-Methylphenol	3182.33	330	3333.33		95.5	72 - 113			
4-Nitroaniline	3374.00	1600	3333.33		101	70 - 130			
4-Nitrophenol	4344.67	330	3333.33		130	55 - 146			
Acenaphthene	2869.33	330	3333.33		86.1	66 - 112			
Acenaphthylene	2853.00	330	3333.33		85.6	66 - 114			
Anthracene	3110.33	330	3333.33		93.3	72 - 123			
Benzidine (M)	3038.00	1600	3333.33		91.1	43 - 155			
Benzo(a)anthracene	2930.67	330	3333.33		87.9	73 - 115			
Benzo(a)pyrene	3049.33	330	3333.33		91.5	78 - 125			
Benzo(b)fluoranthene	3012.67	330	3333.33		90.4	71 - 127			
Benzo(g,h,i)perylene	2857.00	330	3333.33		85.7	73 - 120			
Benzo(k)fluoranthene	2688.33	330	3333.33		80.6	72 - 121			
Benzoic acid	2858.33	1600	3333.33		85.8	19 - 133			
Benzyl alcohol	3501.33	660	3333.33		105	65 - 119			
bis(2-chloroethoxy)methane	2830.00	330	3333.33		84.9	62 - 118			
bis(2-Chloroethyl)ether	2906.00	330	3333.33		87.2	55 - 111			
bis(2-chloroisopropyl)ether	3069.33	330	3333.33		92.1	34 - 131			



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

### Semivolatile Organic Compounds by EPA 8270C - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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**Batch B5H0488 - MSSEMI\_S (continued)**

**LCS (B5H0488-BS1) - Continued**

Prepared: 8/19/2015 Analyzed: 8/20/2015

bis(2-ethylhexyl)phthalate	3351.33	330	3333.33		101	51 - 165			
Butylbenzylphthalate	3383.67	330	3333.33		102	54 - 155			
Chrysene	2807.00	330	3333.33		84.2	70 - 110			
Di-n-butylphthalate	3032.33	330	3333.33		91.0	65 - 155			
Di-n-octylphthalate	3497.67	330	3333.33		105	59 - 151			
Dibenz(a,h)anthracene	2990.00	330	3333.33		89.7	72 - 132			
Dibenzofuran	3008.67	330	3333.33		90.3	67 - 124			
Diethyl phthalate	2947.00	330	3333.33		88.4	66 - 138			
Dimethyl phthalate	2962.00	330	3333.33		88.9	70 - 136			
Fluoranthene	2808.33	330	3333.33		84.2	69 - 122			
Fluorene	2801.33	330	3333.33		84.0	67 - 120			
Hexachlorobenzene	2850.67	330	3333.33		85.5	71 - 130			
Hexachlorobutadiene	2421.33	660	3333.33		72.6	57 - 111			
Hexachlorocyclopentadiene	2127.00	660	3333.33		63.8	63 - 135			
Hexachloroethane	2593.67	330	3333.33		77.8	60 - 107			
Indeno(1,2,3-cd)pyrene	3136.33	330	3333.33		94.1	76 - 136			
Isophorone	3225.00	330	3333.33		96.8	63 - 137			
N-Nitroso-di-n propylamine	3026.33	330	3333.33		90.8	59 - 127			
N-Nitrosodiphenylamine	3232.33	330	3333.33		97.0	70 - 137			
Naphthalene	2703.00	330	3333.33		81.1	62 - 104			
Nitrobenzene	3000.33	330	3333.33		90.0	57 - 127			
Pentachlorophenol	3825.67	1600	3333.33		115	51 - 135			
Phenanthrene	2925.00	330	3333.33		87.8	70 - 121			
Phenol	3652.67	330	3333.33		110	63 - 112			
Pyrene	2800.33	330	3333.33		84.0	67 - 123			
Pyridine	1481.00	1600	3333.33		44.4	18 - 106			
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	2489		3333.33		74.7	24 - 114			
<i>Surrogate: 2,4,6-Tribromophenol</i>	2487		3333.33		74.6	0 - 189			
<i>Surrogate: 2-Chlorophenol-d4</i>	2475		3333.33		74.3	23 - 123			
<i>Surrogate: 2-Fluorobiphenyl</i>	2664		3333.33		79.9	28 - 128			
<i>Surrogate: 2-Fluorophenol</i>	2400		3333.33		72.0	8 - 138			
<i>Surrogate: 4-Terphenyl-d14</i>	2713		3333.33		81.4	27 - 154			
<i>Surrogate: Nitrobenzene-d5</i>	2767		3333.33		83.0	19 - 129			
<i>Surrogate: Phenol-d5</i>	2628		3333.33		78.8	20 - 126			



## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

### Semivolatile Organic Compounds by EPA 8270C - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0488 - MSSEMI\_S (continued)**

**Duplicate (B5H0488-DUP1)**

**Source: 1502856-11**

Prepared: 8/19/2015 Analyzed: 8/20/2015

1,2,4-Trichlorobenzene	ND	330		ND	NR			20	
1,2-Dichlorobenzene	ND	330		ND	NR			20	
1,3-Dichlorobenzene	ND	330		ND	NR			20	
1,4-Dichlorobenzene	ND	330		ND	NR			20	
2,4,5-Trichlorophenol	ND	330		ND	NR			20	
2,4,6-Trichlorophenol	ND	330		ND	NR			20	
2,4-Dichlorophenol	ND	1600		ND	NR			20	
2,4-Dimethylphenol	ND	330		ND	NR			20	
2,4-Dinitrophenol	ND	1600		ND	NR			20	
2,4-Dinitrotoluene	ND	330		ND	NR			20	
2,6-Dinitrotoluene	ND	330		ND	NR			20	
2-Chloronaphthalene	ND	330		ND	NR			20	
2-Chlorophenol	ND	330		ND	NR			20	
2-Methylnaphthalene	ND	330		ND	NR			20	
2-Methylphenol	ND	330		ND	NR			20	
2-Nitroaniline	ND	1600		ND	NR			20	
2-Nitrophenol	ND	330		ND	NR			20	
3,3'-Dichlorobenzidine	ND	660		ND	NR			20	
3-Nitroaniline	ND	1600		ND	NR			20	
4,6-Dinitro-2-methylphenol	ND	1600		ND	NR			20	
4-Bromophenyl-phenylether	ND	330		ND	NR			20	
4-Chloro-3-methylphenol	ND	660		ND	NR			20	
4-Chloroaniline	ND	660		ND	NR			20	
4-Chlorophenyl-phenylether	ND	330		ND	NR			20	
4-Methylphenol	299.333	330		ND	NR			20	
4-Nitroaniline	ND	1600		ND	NR			20	
4-Nitrophenol	ND	330		ND	NR			20	
Acenaphthene	ND	330		ND	NR			20	
Acenaphthylene	ND	330		ND	NR			20	
Anthracene	ND	330		ND	NR			20	
Benzydine (M)	ND	1600		ND	NR			20	
Benzo(a)anthracene	ND	330		ND	NR			20	
Benzo(a)pyrene	ND	330		ND	NR			20	
Benzo(b)fluoranthene	ND	330		ND	NR			20	
Benzo(g,h,i)perylene	ND	330		ND	NR			20	
Benzo(k)fluoranthene	ND	330		ND	NR			20	
Benzoic acid	ND	1600		ND	NR			20	
Benzyl alcohol	ND	660		ND	NR			20	
bis(2-chloroethoxy)methane	ND	330		ND	NR			20	
bis(2-Chloroethyl)ether	ND	330		ND	NR			20	
bis(2-chloroisopropyl)ether	ND	330		ND	NR			20	



## Certificate of Analysis

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Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

### Semivolatile Organic Compounds by EPA 8270C - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0488 - MSSEMI\_S (continued)**

**Duplicate (B5H0488-DUP1) - Continued**

**Source: 1502856-11**

Prepared: 8/19/2015 Analyzed: 8/20/2015

bis(2-ethylhexyl)phthalate	ND	330		ND	NR			20	
Butylbenzylphthalate	ND	330		ND	NR			20	
Chrysene	ND	330		ND	NR			20	
Di-n-butylphthalate	ND	330		ND	NR			20	
Di-n-octylphthalate	ND	330		ND	NR			20	
Dibenz(a,h)anthracene	ND	330		ND	NR			20	
Dibenzofuran	ND	330		ND	NR			20	
Diethyl phthalate	ND	330		ND	NR			20	
Dimethyl phthalate	ND	330		ND	NR			20	
Fluoranthene	ND	330		ND	NR			20	
Fluorene	ND	330		ND	NR			20	
Hexachlorobenzene	ND	330		ND	NR			20	
Hexachlorobutadiene	ND	660		ND	NR			20	
Hexachlorocyclopentadiene	ND	660		ND	NR			20	
Hexachloroethane	ND	330		ND	NR			20	
Indeno(1,2,3-cd)pyrene	ND	330		ND	NR			20	
Isophorone	ND	330		ND	NR			20	
N-Nitroso-di-n propylamine	ND	330		ND	NR			20	
N-Nitrosodiphenylamine	ND	330		ND	NR			20	
Naphthalene	ND	330		ND	NR			20	
Nitrobenzene	ND	330		ND	NR			20	
Pentachlorophenol	ND	1600		ND	NR			20	
Phenanthrene	ND	330		ND	NR			20	
Phenol	ND	330		ND	NR			20	
Pyrene	ND	330		ND	NR			20	
Pyridine	ND	1600		ND	NR			20	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	2378		3333.33		71.4	24 - 114			
<i>Surrogate: 2,4,6-Tribromophenol</i>	2581		3333.33		77.4	0 - 189			
<i>Surrogate: 2-Chlorophenol-d4</i>	2490		3333.33		74.7	23 - 123			
<i>Surrogate: 2-Fluorobiphenyl</i>	2724		3333.33		81.7	28 - 128			
<i>Surrogate: 2-Fluorophenol</i>	2368		3333.33		71.0	8 - 138			
<i>Surrogate: 4-Terphenyl-d14</i>	2765		3333.33		83.0	27 - 154			
<i>Surrogate: Nitrobenzene-d5</i>	2754		3333.33		82.6	19 - 129			
<i>Surrogate: Phenol-d5</i>	2586		3333.33		77.6	20 - 126			



## Certificate of Analysis

Geocon West, Inc.

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Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

### Semivolatile Organic Compounds by EPA 8270C - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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**Batch B5H0488 - MSSEMI\_S (continued)**

**Matrix Spike (B5H0488-MS1)**

**Source: 1502812-24**

Prepared: 8/19/2015 Analyzed: 8/20/2015

1,2,4-Trichlorobenzene	2628.00	330	3333.33	ND	78.8	56 - 112			
1,2-Dichlorobenzene	2478.33	330	3333.33	ND	74.4	52 - 105			
1,3-Dichlorobenzene	2487.67	330	3333.33	ND	74.6	51 - 105			
1,4-Dichlorobenzene	2252.67	330	3333.33	ND	67.6	50 - 104			
2,4,5-Trichlorophenol	3445.33	330	3333.33	ND	103	41 - 145			
2,4,6-Trichlorophenol	3894.33	330	3333.33	ND	117	35 - 147			
2,4-Dichlorophenol	3532.00	1600	3333.33	ND	106	50 - 120			
2,4-Dimethylphenol	3501.33	330	3333.33	ND	105	56 - 108			
2,4-Dinitrophenol	2966.67	1600	3333.33	ND	89.0	0 - 167			
2,4-Dinitrotoluene	3080.33	330	3333.33	ND	92.4	60 - 146			
2,6-Dinitrotoluene	3217.67	330	3333.33	ND	96.5	65 - 138			
2-Chloronaphthalene	2808.33	330	3333.33	ND	84.2	62 - 127			
2-Chlorophenol	3213.33	330	3333.33	ND	96.4	48 - 112			
2-Methylnaphthalene	2946.00	330	3333.33	ND	88.4	61 - 120			
2-Methylphenol	3020.67	330	3333.33	ND	90.6	53 - 107			
2-Nitroaniline	3733.00	1600	3333.33	ND	112	53 - 140			
2-Nitrophenol	3789.33	330	3333.33	ND	114	43 - 127			
3,3'-Dichlorobenzidine	3057.33	660	3333.33	ND	91.7	39 - 149			
3-Nitroaniline	3332.33	1600	3333.33	ND	100	47 - 127			
4,6-Dinitro-2-methylphenol	3509.00	1600	3333.33	ND	105	28 - 158			
4-Bromophenyl-phenylether	2886.00	330	3333.33	ND	86.6	67 - 137			
4-Chloro-3-methylphenol	3728.00	660	3333.33	ND	112	38 - 120			
4-Chloroaniline	2870.00	660	3333.33	ND	86.1	53 - 104			
4-Chlorophenyl-phenylether	2844.33	330	3333.33	ND	85.3	58 - 143			
4-Methylphenol	3099.67	330	3333.33	ND	93.0	59 - 116			
4-Nitroaniline	3344.67	1600	3333.33	ND	100	49 - 142			
4-Nitrophenol	4272.67	330	3333.33	ND	128	30 - 155			
Acenaphthene	2849.00	330	3333.33	ND	85.5	56 - 116			
Acenaphthylene	2870.67	330	3333.33	ND	86.1	57 - 118			
Anthracene	3080.33	330	3333.33	ND	92.4	63 - 129			
Benzidine (M)	ND	1600	3333.33	ND	NR	29 - 127			M2
Benzo(a)anthracene	2957.67	330	3333.33	ND	88.7	69 - 114			
Benzo(a)pyrene	3117.00	330	3333.33	ND	93.5	67 - 127			
Benzo(b)fluoranthene	3141.00	330	3333.33	ND	94.2	68 - 122			
Benzo(g,h,i)perylene	2902.67	330	3333.33	ND	87.1	50 - 138			
Benzo(k)fluoranthene	2707.67	330	3333.33	ND	81.2	60 - 125			
Benzoic acid	1495.00	1600	3333.33	ND	44.8	0 - 215			
Benzyl alcohol	3312.67	660	3333.33	ND	99.4	54 - 117			
bis(2-chloroethoxy)methane	2726.00	330	3333.33	ND	81.8	54 - 119			
bis(2-Chloroethyl)ether	2739.00	330	3333.33	ND	82.2	41 - 118			
bis(2-chloroisopropyl)ether	2894.67	330	3333.33	ND	86.8	33 - 123			



## Certificate of Analysis

Geocon West, Inc.

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Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

### Semivolatile Organic Compounds by EPA 8270C - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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**Batch B5H0488 - MSSEMI\_S (continued)**

**Matrix Spike (B5H0488-MS1) - Continued**

**Source: 1502812-24**

Prepared: 8/19/2015 Analyzed: 8/20/2015

bis(2-ethylhexyl)phthalate	3393.33	330	3333.33	ND	102	53 - 158			
Butylbenzylphthalate	3380.33	330	3333.33	ND	101	53 - 152			
Chrysene	2826.33	330	3333.33	ND	84.8	62 - 113			
Di-n-butylphthalate	3056.33	330	3333.33	ND	91.7	57 - 158			
Di-n-octylphthalate	3575.33	330	3333.33	ND	107	38 - 166			
Dibenz(a,h)anthracene	3031.00	330	3333.33	ND	90.9	52 - 142			
Dibenzofuran	3040.00	330	3333.33	ND	91.2	54 - 134			
Diethyl phthalate	2899.67	330	3333.33	ND	87.0	61 - 140			
Dimethyl phthalate	2989.67	330	3333.33	ND	89.7	63 - 137			
Fluoranthene	2801.67	330	3333.33	ND	84.1	55 - 133			
Fluorene	2852.67	330	3333.33	ND	85.6	54 - 131			
Hexachlorobenzene	2833.33	330	3333.33	ND	85.0	65 - 134			
Hexachlorobutadiene	2348.00	660	3333.33	ND	70.4	48 - 114			
Hexachlorocyclopentadiene	1932.00	660	3333.33	ND	58.0	50 - 142			
Hexachloroethane	2421.67	330	3333.33	ND	72.7	43 - 119			
Indeno(1,2,3-cd)pyrene	3211.00	330	3333.33	ND	96.3	56 - 149			
Isophorone	3130.33	330	3333.33	ND	93.9	56 - 136			
N-Nitroso-di-n propylamine	2923.67	330	3333.33	ND	87.7	47 - 130			
N-Nitrosodiphenylamine	3172.67	330	3333.33	ND	95.2	70 - 137			
Naphthalene	2605.00	330	3333.33	ND	78.2	54 - 105			
Nitrobenzene	2876.33	330	3333.33	ND	86.3	47 - 130			
Pentachlorophenol	3879.33	1600	3333.33	ND	116	18 - 160			
Phenanthrene	2922.33	330	3333.33	ND	87.7	50 - 140			
Phenol	3491.67	330	3333.33	ND	105	55 - 112			
Pyrene	2781.33	330	3333.33	ND	83.4	54 - 135			
Pyridine	1293.33	1600	3333.33	ND	38.8	0 - 139			
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>2121</i>		<i>3333.33</i>		<i>63.6</i>	<i>24 - 114</i>			
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>2610</i>		<i>3333.33</i>		<i>78.3</i>	<i>0 - 189</i>			
<i>Surrogate: 2-Chlorophenol-d4</i>	<i>2374</i>		<i>3333.33</i>		<i>71.2</i>	<i>23 - 123</i>			
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>2382</i>		<i>3333.33</i>		<i>71.5</i>	<i>28 - 128</i>			
<i>Surrogate: 2-Fluorophenol</i>	<i>2232</i>		<i>3333.33</i>		<i>67.0</i>	<i>8 - 138</i>			
<i>Surrogate: 4-Terphenyl-d14</i>	<i>2546</i>		<i>3333.33</i>		<i>76.4</i>	<i>27 - 154</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>2596</i>		<i>3333.33</i>		<i>77.9</i>	<i>19 - 129</i>			
<i>Surrogate: Phenol-d5</i>	<i>2505</i>		<i>3333.33</i>		<i>75.2</i>	<i>20 - 126</i>			



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

### Semivolatile Organic Compounds by EPA 8270C - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0488 - MSSEMI\_S (continued)**

**Matrix Spike Dup (B5H0488-MSD1)**

**Source: 1502812-24**

Prepared: 8/19/2015 Analyzed: 8/20/2015

1,2,4-Trichlorobenzene	2574.33	330	3333.33	ND	77.2	56 - 112	2.06	20	
1,2-Dichlorobenzene	2479.33	330	3333.33	ND	74.4	52 - 105	0.0403	20	
1,3-Dichlorobenzene	2470.00	330	3333.33	ND	74.1	51 - 105	0.713	20	
1,4-Dichlorobenzene	2278.33	330	3333.33	ND	68.4	50 - 104	1.13	20	
2,4,5-Trichlorophenol	3385.33	330	3333.33	ND	102	41 - 145	1.76	20	
2,4,6-Trichlorophenol	3759.67	330	3333.33	ND	113	35 - 147	3.52	20	
2,4-Dichlorophenol	3457.33	1600	3333.33	ND	104	50 - 120	2.14	20	
2,4-Dimethylphenol	3523.33	330	3333.33	ND	106	56 - 108	0.626	20	
2,4-Dinitrophenol	2879.00	1600	3333.33	ND	86.4	0 - 167	3.00	20	
2,4-Dinitrotoluene	3031.33	330	3333.33	ND	90.9	60 - 146	1.60	20	
2,6-Dinitrotoluene	3061.33	330	3333.33	ND	91.8	65 - 138	4.98	20	
2-Chloronaphthalene	2781.33	330	3333.33	ND	83.4	62 - 127	0.966	20	
2-Chlorophenol	3262.67	330	3333.33	ND	97.9	48 - 112	1.52	20	
2-Methylnaphthalene	2942.00	330	3333.33	ND	88.3	61 - 120	0.136	20	
2-Methylphenol	3091.00	330	3333.33	ND	92.7	53 - 107	2.30	20	
2-Nitroaniline	3696.00	1600	3333.33	ND	111	53 - 140	0.996	20	
2-Nitrophenol	3767.00	330	3333.33	ND	113	43 - 127	0.591	20	
3,3'-Dichlorobenzidine	3060.00	660	3333.33	ND	91.8	39 - 149	0.0872	20	
3-Nitroaniline	3232.67	1600	3333.33	ND	97.0	47 - 127	3.04	20	
4,6-Dinitro-2-methylphenol	3282.33	1600	3333.33	ND	98.5	28 - 158	6.68	20	
4-Bromophenyl-phenylether	2831.67	330	3333.33	ND	85.0	67 - 137	1.90	20	
4-Chloro-3-methylphenol	3678.00	660	3333.33	ND	110	38 - 120	1.35	20	
4-Chloroaniline	2706.33	660	3333.33	ND	81.2	53 - 104	5.87	20	
4-Chlorophenyl-phenylether	2794.00	330	3333.33	ND	83.8	58 - 143	1.79	20	
4-Methylphenol	3103.67	330	3333.33	ND	93.1	59 - 116	0.129	20	
4-Nitroaniline	3201.33	1600	3333.33	ND	96.0	49 - 142	4.38	20	
4-Nitrophenol	4227.67	330	3333.33	ND	127	30 - 155	1.06	20	
Acenaphthene	2736.67	330	3333.33	ND	82.1	56 - 116	4.02	20	
Acenaphthylene	2771.67	330	3333.33	ND	83.2	57 - 118	3.51	20	
Anthracene	3064.00	330	3333.33	ND	91.9	63 - 129	0.532	20	
Benidine (M)	ND	1600	3333.33	ND	NR	29 - 127		20	M2
Benzo(a)anthracene	2962.00	330	3333.33	ND	88.9	69 - 114	0.146	20	
Benzo(a)pyrene	3061.67	330	3333.33	ND	91.9	67 - 127	1.79	20	
Benzo(b)fluoranthene	3024.00	330	3333.33	ND	90.7	68 - 122	3.80	20	
Benzo(g,h,i)perylene	2814.00	330	3333.33	ND	84.4	50 - 138	3.10	20	
Benzo(k)fluoranthene	2685.00	330	3333.33	ND	80.6	60 - 125	0.841	20	
Benzoic acid	1671.00	1600	3333.33	ND	50.1	0 - 215	11.1	20	
Benzyl alcohol	3366.00	660	3333.33	ND	101	54 - 117	1.60	20	
bis(2-chloroethoxy)methane	2693.00	330	3333.33	ND	80.8	54 - 119	1.22	20	
bis(2-Chloroethyl)ether	2766.00	330	3333.33	ND	83.0	41 - 118	0.981	20	
bis(2-chloroisopropyl)ether	2934.33	330	3333.33	ND	88.0	33 - 123	1.36	20	





## Certificate of Analysis

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

Project Number : Park to Playa Seg C Soil Sampling, A9240  
Report To : Scott Nunez  
Reported : 08/27/2015

### Semivolatile Organic Compounds by EPA 8270C - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B5H0488 - MSSEMI\_S (continued)**

**Matrix Spike Dup (B5H0488-MSD1) - Continued**

**Source: 1502812-24**

Prepared: 8/19/2015 Analyzed: 8/20/2015

bis(2-ethylhexyl)phthalate	3422.67	330	3333.33	ND	103	53 - 158	0.861	20	
Butylbenzylphthalate	3420.00	330	3333.33	ND	103	53 - 152	1.17	20	
Chrysene	2847.67	330	3333.33	ND	85.4	62 - 113	0.752	20	
Di-n-butylphthalate	3022.00	330	3333.33	ND	90.7	57 - 158	1.13	20	
Di-n-octylphthalate	3472.00	330	3333.33	ND	104	38 - 166	2.93	20	
Dibenz(a,h)anthracene	2953.00	330	3333.33	ND	88.6	52 - 142	2.61	20	
Dibenzofuran	2954.33	330	3333.33	ND	88.6	54 - 134	2.86	20	
Diethyl phthalate	2853.00	330	3333.33	ND	85.6	61 - 140	1.62	20	
Dimethyl phthalate	2860.33	330	3333.33	ND	85.8	63 - 137	4.42	20	
Fluoranthene	2846.33	330	3333.33	ND	85.4	55 - 133	1.58	20	
Fluorene	2743.67	330	3333.33	ND	82.3	54 - 131	3.90	20	
Hexachlorobenzene	2803.67	330	3333.33	ND	84.1	65 - 134	1.05	20	
Hexachlorobutadiene	2308.67	660	3333.33	ND	69.3	48 - 114	1.69	20	
Hexachlorocyclopentadiene	1765.67	660	3333.33	ND	53.0	50 - 142	9.00	20	
Hexachloroethane	2395.67	330	3333.33	ND	71.9	43 - 119	1.08	20	
Indeno(1,2,3-cd)pyrene	3087.00	330	3333.33	ND	92.6	56 - 149	3.94	20	
Isophorone	3110.00	330	3333.33	ND	93.3	56 - 136	0.652	20	
N-Nitroso-di-n propylamine	2905.00	330	3333.33	ND	87.2	47 - 130	0.641	20	
N-Nitrosodiphenylamine	3162.33	330	3333.33	ND	94.9	70 - 137	0.326	20	
Naphthalene	2574.00	330	3333.33	ND	77.2	54 - 105	1.20	20	
Nitrobenzene	2822.67	330	3333.33	ND	84.7	47 - 130	1.88	20	
Pentachlorophenol	3934.00	1600	3333.33	ND	118	18 - 160	1.40	20	
Phenanthrene	2922.00	330	3333.33	ND	87.7	50 - 140	0.0114	20	
Phenol	3532.00	330	3333.33	ND	106	55 - 112	1.15	20	
Pyrene	2871.33	330	3333.33	ND	86.1	54 - 135	3.18	20	
Pyridine	1192.00	1600	3333.33	ND	35.8	0 - 139	8.15	20	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>2031</i>		<i>3333.33</i>		<i>60.9</i>	<i>24 - 114</i>			
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>2438</i>		<i>3333.33</i>		<i>73.1</i>	<i>0 - 189</i>			
<i>Surrogate: 2-Chlorophenol-d4</i>	<i>2322</i>		<i>3333.33</i>		<i>69.7</i>	<i>23 - 123</i>			
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>2116</i>		<i>3333.33</i>		<i>63.5</i>	<i>28 - 128</i>			
<i>Surrogate: 2-Fluorophenol</i>	<i>2163</i>		<i>3333.33</i>		<i>64.9</i>	<i>8 - 138</i>			
<i>Surrogate: 4-Terphenyl-d14</i>	<i>2308</i>		<i>3333.33</i>		<i>69.2</i>	<i>27 - 154</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>2515</i>		<i>3333.33</i>		<i>75.5</i>	<i>19 - 129</i>			
<i>Surrogate: Phenol-d5</i>	<i>2414</i>		<i>3333.33</i>		<i>72.4</i>	<i>20 - 126</i>			



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg C Soil Sampling, A9240

Report To : Scott Nunez

Reported : 08/27/2015

### Notes and Definitions

S3	Surrogate recovery outside of laboratory acceptance limit. Unable to confirm matrix effects.
S10	Surrogate recovery was outside of laboratory acceptance limit due to possible matrix interference.
R	RPD value outside acceptance criteria. Calculation is based on raw values.
M7	Matrix spike was high biased. Sample result/s was non-detect (ND) for the target analyte; therefore reanalysis was not necessary.
M2	Matrix spike recovery outside of acceptance limit due to possible matrix interference. 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.
L4	Laboratory Control Sample outside of control limit but within Marginal Exceedance (ME) limit.
L3	Laboratory control sample outside in-house established limits but within method criteria.
D7	A lesser amount of sample was analyzed due to matrix.
D1	Sample required dilution due to possible matrix interference.
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)
TX1	TX-NELAP (TCEQ)

#### Notes:

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

**CHAIN OF CUSTODY RECORD**  
 Page 1 of 3

Instruction: Complete all shaded areas.

Company: Geocan West Inc. Address: 3303 M. San Fernando State: CA Zip: 91504  
 City: Burbank State: CA Zip: 91504

Attn: Scott Munes Email: Saul  
 Company: Geocan West

Address: 3303, M. San Fernando Blvd  
 City: Burbank State: CA Zip: 91504

Project Name: Park to Play Quote No: \_\_\_\_\_  
 Project No.: #9240-77-61 PO #: \_\_\_\_\_  
 Sampler: Mike Alcott

ITEM	Lab No.	Sample Description		Date	Time	Encircle or Write Requested Analysis										Encircle Sample Matrix	Container	REMARKS
		Sample ID / Location	Special Instructions/Comments:			8260 / 624 (Volatiles)	8015(GRO)	8270(Semi-volatiles)	8081(Organochlorine Pesticides)	6010 / 7000(Title 22 Metals)	TO-15	SOILS / WIPES / FILTER	WATER - DRINKING / GROUND	WATER - STORM / WASTE	AQUEOUS / LAYERED - OIL			
1	B-1-1			8/14/15	0924	X	X	X	X	X	X	X	X	X	X	X	5	
2	B-1-2				0927	X	X	X	X	X	X	X	X	X	X	X		
3	B-1-5				0929	X	X	X	X	X	X	X	X	X	X	X		
4	B-2-1				0936	X	X	X	X	X	X	X	X	X	X	X		
5	B-2-2				0938	X	X	X	X	X	X	X	X	X	X	X		
6	B-2-3				0941	X	X	X	X	X	X	X	X	X	X	X		
7	B-3-1				0950	X	X	X	X	X	X	X	X	X	X	X		
8	B-3-2				0951	X	X	X	X	X	X	X	X	X	X	X		
9	B-3-5				0952	X	X	X	X	X	X	X	X	X	X	X		
10	B-4-1				0958	X	X	X	X	X	X	X	X	X	X	X		

As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.  
 Mike Alcott  
 Submitter Print Name: \_\_\_\_\_ Signature: \_\_\_\_\_  
 Date: 8/14/15 Time: 4:00  
 Date: 8/14/15 Time: 4:00

Relinquished by: (Signature and Printed Name) \_\_\_\_\_  
 Relinquished by: (Signature and Printed Name) \_\_\_\_\_  
 Relinquished by: (Signature and Printed Name) \_\_\_\_\_

**CHAIN OF CUSTODY RECORD**

Page 2 of 3

Instruction: Complete all shaded areas.

Company: Grecoan West Inc.  
 Address: 3303 Pl. San Fernando  
 City: Burbank

Method of Transport  
 Client  
 FedEx  
 GSO  
 Other: \_\_\_\_\_

Condition  
 1. CHILLED  
 2. HEADSPACE (VDA)  
 3. CONTAINER INTACT  
 4. SEALED

Sample Conditions Upon Receipt  
 5. # OF SAMPLES MATCH COC  
 6. PRESERVED  
 7. COOLER TEMP. deg. C

Client: Scott Nunes  
 Company: Grecoan West Inc.  
 Address: 3303 Pl. San Fernando Blvd  
 City: Burbank  
 State: CA Zip: 91504

Method of Transport  
 PARTIAL  
 OnTrac  
 GSO  
 Other: \_\_\_\_\_

Condition  
 1. CHILLED  
 2. HEADSPACE (VDA)  
 3. CONTAINER INTACT  
 4. SEALED

Sample Conditions Upon Receipt  
 5. # OF SAMPLES MATCH COC  
 6. PRESERVED  
 7. COOLER TEMP. deg. C

Client: Grecoan West Inc.  
 Company: Grecoan West Inc.  
 Address: 3303 Pl. San Fernando Blvd  
 City: Burbank  
 State: CA Zip: 91504

Method of Transport  
 Client  
 FedEx  
 GSO  
 Other: \_\_\_\_\_

Condition  
 1. CHILLED  
 2. HEADSPACE (VDA)  
 3. CONTAINER INTACT  
 4. SEALED

Sample Conditions Upon Receipt  
 5. # OF SAMPLES MATCH COC  
 6. PRESERVED  
 7. COOLER TEMP. deg. C

Client: Grecoan West Inc.  
 Company: Grecoan West Inc.  
 Address: 3303 Pl. San Fernando Blvd  
 City: Burbank  
 State: CA Zip: 91504

Method of Transport  
 Client  
 FedEx  
 GSO  
 Other: \_\_\_\_\_

Condition  
 1. CHILLED  
 2. HEADSPACE (VDA)  
 3. CONTAINER INTACT  
 4. SEALED

Sample Conditions Upon Receipt  
 5. # OF SAMPLES MATCH COC  
 6. PRESERVED  
 7. COOLER TEMP. deg. C

Client: Grecoan West Inc.  
 Company: Grecoan West Inc.  
 Address: 3303 Pl. San Fernando Blvd  
 City: Burbank  
 State: CA Zip: 91504

Method of Transport  
 Client  
 FedEx  
 GSO  
 Other: \_\_\_\_\_

Condition  
 1. CHILLED  
 2. HEADSPACE (VDA)  
 3. CONTAINER INTACT  
 4. SEALED

Sample Conditions Upon Receipt  
 5. # OF SAMPLES MATCH COC  
 6. PRESERVED  
 7. COOLER TEMP. deg. C

Project Name: Part 1 to Plant Quote No.: \_\_\_\_\_  
 Project No.: 19240-77-01 PO #: \_\_\_\_\_  
 Sampler: Mike Alcott

ITEM	Lab No.	Sample ID / Location	Date	Time
1	19240-11	B-4-2	8/14/15	1000
2	19240-12	B-4-5	1002	1010
3	19240-13	B-5-1	1011	1013
4	19240-14	B-5-2	1022	1023
5	19240-15	B-5-5	1024	1032
6	19240-16	B-6-1	1034	1034
7	19240-17	B-6-2		
8	19240-18	B-6-5		
9	19240-19	B-7-1		
10	19240-20	B-7-2		

Special Instructions/Comments:  
(070)5151040

Encircle or Write Requested Analysis	Encircle Sample Matrix	Container	QA/QC
8260 / 624 (Volatiles)	SOLIDS / WASTE	1-Tube, 2-VOA, 3-Liter, 4-Pint	QA/QC <input type="checkbox"/> Routine <input type="checkbox"/> Caltran <input type="checkbox"/> Legal <input type="checkbox"/> RWQCB <input type="checkbox"/> Level IV
8015 (GRO)	WATER - DRINKING / GROUND	5-Jar, 6-Fedjar, 7 - Canister	Preservative: 1-HCL, 2-HNO3, 3-H2SO4, 4 - 5 5-Zn (Ac2), 6-NOH, 7-MN2O3
8015 (DRO)	WATER - STORM / WASTE		
8270 (Semi-volatiles)	WATER - DRINKING / GROUND		
8081 (Organochlorine Pesticides)	WATER - STORM / WASTE		
8082 (PCBs)	SOLIDS / WASTE		
6010 / 7000 (Title 22 Metals)	AQUEOUS / LAYERED - OIL		
TO-15			

As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.  
 Signature: Mike Alcott  
 Date: 8/14/15 Time: 10:00

Project Name: Part 1 to Plant Quote No.: \_\_\_\_\_  
 Project No.: 19240-77-01 PO #: \_\_\_\_\_  
 Sampler: Mike Alcott

Encircle or Write Requested Analysis	Encircle Sample Matrix	Container	QA/QC
8260 / 624 (Volatiles)	SOLIDS / WASTE	1-Tube, 2-VOA, 3-Liter, 4-Pint	QA/QC <input type="checkbox"/> Routine <input type="checkbox"/> Caltran <input type="checkbox"/> Legal <input type="checkbox"/> RWQCB <input type="checkbox"/> Level IV
8015 (GRO)	WATER - DRINKING / GROUND	5-Jar, 6-Fedjar, 7 - Canister	Preservative: 1-HCL, 2-HNO3, 3-H2SO4, 4 - 5 5-Zn (Ac2), 6-NOH, 7-MN2O3
8015 (DRO)	WATER - STORM / WASTE		
8270 (Semi-volatiles)	WATER - DRINKING / GROUND		
8081 (Organochlorine Pesticides)	WATER - STORM / WASTE		
8082 (PCBs)	SOLIDS / WASTE		
6010 / 7000 (Title 22 Metals)	AQUEOUS / LAYERED - OIL		
TO-15			

Special Instructions/Comments:  
(070)5151040

Encircle or Write Requested Analysis	Encircle Sample Matrix	Container	QA/QC
8260 / 624 (Volatiles)	SOLIDS / WASTE	1-Tube, 2-VOA, 3-Liter, 4-Pint	QA/QC <input type="checkbox"/> Routine <input type="checkbox"/> Caltran <input type="checkbox"/> Legal <input type="checkbox"/> RWQCB <input type="checkbox"/> Level IV
8015 (GRO)	WATER - DRINKING / GROUND	5-Jar, 6-Fedjar, 7 - Canister	Preservative: 1-HCL, 2-HNO3, 3-H2SO4, 4 - 5 5-Zn (Ac2), 6-NOH, 7-MN2O3
8015 (DRO)	WATER - STORM / WASTE		
8270 (Semi-volatiles)	WATER - DRINKING / GROUND		
8081 (Organochlorine Pesticides)	WATER - STORM / WASTE		
8082 (PCBs)	SOLIDS / WASTE		
6010 / 7000 (Title 22 Metals)	AQUEOUS / LAYERED - OIL		
TO-15			

As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.  
 Signature: Mike Alcott  
 Date: 8/14/15 Time: 10:00

**CHAIN OF CUSTODY RECORD**

Page 3 of 3

Instruction: Complete all shaded areas.

Company: Geocom West Inc. Address: 3803 Al. San Fernando State: CA Zip: 91504  
 Attn: Scott Nunes Email: Samuel  
 Company: Geocom West Inc. Address: 3803 Al. San Fernando Blvd Ste 110 State: CA Zip: 91504  
 City: Burbank State: CA Zip: 91504

SEND REPORT TO: SEND INVOICE TO:  
 Method of Transport:  ATL  FedEx  GS0  Other:  
 Condition:  1. CHILLED  5. # OF SAMPLES MATCH COC   
 2. HEADSPACE (VOA)  6. PRESERVED   
 3. CONTAINER INTACT  7. COOLER TEMP, deg C   
 4. SEALED

Project Name: Bank to Bank Quote No: 40-77-071  
 Project: ES01 Sampling PO #: 40-77-071  
 Sampler: Mica Alcob  
 Special Instructions/Comments: Email results to nunes@gcominc.com copy alcob@gcominc.com

ITEM	Lab No.	Sample Description		Date	Time	Encircle or Write Requested Analysis	Encircle Sample Matrix	Container	REMARKS
		Sample ID / Location	Sample Matrix						
1	1981A - H	B-7-5	8/14/15	1036	X	8260 / 624 (Volatiles)	X	1	Preservative: 1-HCl, 2-HNO3, 3-H2SO4, 4-Cl, 5-Zn (Ac2), 6-NaOH, 7-NA2S2O3
2	1	B-8-1	8/14/15	1138	X	8015 (GRO)	X	1	
3	2	B-8-2	8/14/15	1140	X	8015 (DRO)	X	1	
4	3	B-8-5	8/14/15	1141	X	8270 (Semi-volatiles)	X	1	
5	4	B-9-1	8/14/15	1150	X	8015 (GRO)	X	1	
6	7	B-9-2	8/14/15	1154	X	8015 (DRO)	X	1	
7	8	B-9-5	8/14/15	1158	X	8081 (Organochlorine Pesticides)	X	1	
8	9	B-10-1	8/14/15	1208	X	8082 (PCBs)	X	1	
9	9	B-10-2	8/14/15	1209	X	6010 / 7000 (T12 Metals)	X	1	
10	10	B-10-3	8/14/15	1210	X	TO-15	X	1	

As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.

Submitter Print Name: Mica Alcob Signature: [Signature] Date: 8/14/15 Time: 1400

Relinquished by: [Signature] (Signature and Printed Name) Date: 8/14/15 Time: 1400

Relinquished by: [Signature] (Signature and Printed Name) Date: 8/14/15 Time: 1400

ATLCCOC Ver: 201307  
 For Laboratory Use Only  
 Sample Conditions Upon Receipt:  Y  N



October 01, 2015

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  
TCEQ No. : T104704502

Re: ATL Work Order Number : 1503201

Client Reference : Park to Playa Seg. C. Soil Sampling, A9240-77-01

Enclosed are the results for sample(s) received on September 16, 2015 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 'E. Rodriguez', is written over a light gray rectangular background.

Eddie Rodriguez  
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 : Park to Playa Seg. C. Soil Sampling, A9240-77-01

Report To : Mike Conkle

Reported : 10/01/2015

### SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B-2A-0.0	1503201-01	Soil	9/15/15 8:27	9/16/15 16:25
B-2A-1.5	1503201-02	Soil	9/15/15 8:40	9/16/15 16:25
B-2B-0.0	1503201-03	Soil	9/15/15 8:42	9/16/15 16:25
B-2B-1.5	1503201-04	Soil	9/15/15 8:58	9/16/15 16:25
B-2C-0.0	1503201-05	Soil	9/15/15 9:00	9/16/15 16:25
B-2C-1.5	1503201-06	Soil	9/15/15 9:13	9/16/15 16:25
B-2D-0.0	1503201-07	Soil	9/15/15 9:20	9/16/15 16:25
B-2D-1.5	1503201-08	Soil	9/15/15 9:45	9/16/15 16:25
B-2E-0.0	1503201-09	Soil	9/15/15 9:48	9/16/15 16:25
B-2E-1.5	1503201-10	Soil	9/15/15 9:55	9/16/15 16:25
B-2F-0.0	1503201-11	Soil	9/15/15 9:58	9/16/15 16:25
B-2F-1.5	1503201-12	Soil	9/15/15 10:06	9/16/15 16:25



### Certificate of Analysis

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

Project Number : Park to Playa Seg. C. Soil Sampling, A9240-77-01  
Report To : Mike Conkle  
Reported : 10/01/2015

#### Total Metals by ICP-AES EPA 6010B

Analyte: Arsenic

Analyst: RR

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503201-01	B-2A-0.0	3.2	mg/kg	1.0	1	B510447	09/22/2015	09/22/15 16:13	
1503201-02	B-2A-1.5	16	mg/kg	1.0	1	B510447	09/22/2015	09/22/15 16:23	
1503201-03	B-2B-0.0	5.9	mg/kg	1.0	1	B510447	09/22/2015	09/22/15 16:27	
1503201-04	B-2B-1.5	19	mg/kg	1.0	1	B510447	09/22/2015	09/22/15 16:30	
1503201-05	B-2C-0.0	4.7	mg/kg	1.0	1	B510447	09/22/2015	09/22/15 16:34	
1503201-06	B-2C-1.5	23	mg/kg	1.0	1	B510447	09/22/2015	09/22/15 16:37	
1503201-07	B-2D-0.0	8.9	mg/kg	1.0	1	B510447	09/22/2015	09/23/15 11:33	
1503201-08	B-2D-1.5	71	mg/kg	1.0	1	B510447	09/22/2015	09/23/15 11:36	
1503201-09	B-2E-0.0	6.2	mg/kg	1.0	1	B510447	09/22/2015	09/23/15 11:42	
1503201-10	B-2E-1.5	16	mg/kg	1.0	1	B510447	09/22/2015	09/23/15 11:46	
1503201-11	B-2F-0.0	15	mg/kg	1.0	1	B510447	09/22/2015	09/23/15 11:50	
1503201-12	B-2F-1.5	1.4	mg/kg	1.0	1	B510447	09/22/2015	09/23/15 11:53	

#### STLC Metals by ICP-AES by EPA 6010B

Analyte: Arsenic

Analyst: RR

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503201-08	B-2D-1.5	3.7	mg/L	1.0	20	B510669	09/30/2015	09/30/15 13:55	





## Certificate of Analysis

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

Project Number : Park to Playa Seg. C. Soil Sampling, A9240-77-01  
 Report To : Mike Conkle  
 Reported : 10/01/2015

### QUALITY CONTROL SECTION

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

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
<b>Batch B5I0447 - EPA 3050B_S</b>									
<b>Blank (B5I0447-BLK1)</b>									
Arsenic	ND	1.0							Prepared: 9/22/2015 Analyzed: 9/22/2015 NR
<b>LCS (B5I0447-BS1)</b>									
Arsenic	45.6101	1.0	50.0000		91.2	80 - 120			Prepared: 9/22/2015 Analyzed: 9/22/2015
<b>Matrix Spike (B5I0447-MS1)</b>									
									<b>Source: 1503201-01</b> Prepared: 9/22/2015 Analyzed: 9/22/2015
Arsenic	104.548	1.0	125.000	3.16154	81.1	57 - 109			
<b>Matrix Spike Dup (B5I0447-MSD1)</b>									
									<b>Source: 1503201-01</b> Prepared: 9/22/2015 Analyzed: 9/22/2015
Arsenic	108.396	1.0	125.000	3.16154	84.2	57 - 109	3.61	20	



## Certificate of Analysis

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

Project Number : Park to Playa Seg. C. Soil Sampling, A9240-77-01  
 Report To : Mike Conkle  
 Reported : 10/01/2015

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

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec Limits	% Rec Limits	RPD	RPD Limit	Notes
<b>Batch B510669 - STLC_S Extraction</b>									
<b>Blank (B510669-BLK1)</b>									
Arsenic	ND	1.0			NR				Prepared: 9/30/2015 Analyzed: 9/30/2015
<b>LCS (B510669-BS1)</b>									
Arsenic	1.81539		2.00000		90.8	80 - 120			Prepared: 9/30/2015 Analyzed: 9/30/2015
<b>Duplicate (B510669-DUP1)</b>									
Arsenic	ND			ND	NR			20	Source: 1503194-96 Prepared: 9/30/2015 Analyzed: 9/30/2015
<b>Matrix Spike (B510669-MS1)</b>									
Arsenic	2.42684		2.50000	0.099227	93.1	90 - 110			Source: 1503194-96 Prepared: 9/30/2015 Analyzed: 9/30/2015
<b>Matrix Spike Dup (B510669-MSD1)</b>									
Arsenic	2.60454		2.50000	0.099227	100	90 - 110	7.06	20	Source: 1503194-96 Prepared: 9/30/2015 Analyzed: 9/30/2015



## Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : Park to Playa Seg. C. Soil Sampling, A9240-77-01

Report To : Mike Conkle

Reported : 10/01/2015

### Notes and Definitions

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)
TX1	TX-NELAP (TCEQ)

#### Notes:

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

**CHAIN OF CUSTODY RECORD**

Page 1 of 2

For Laboratory Use Only

ATLCCOC Ver. 201.3021

Method of Transport		Sample Conditions Upon Receipt			
<input type="checkbox"/> Client	<input checked="" type="checkbox"/> ATL	Condition	Y	N	K
<input type="checkbox"/> FedEx	<input type="checkbox"/> OnTrac	1. CHILLED	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> GSO	<input type="checkbox"/> Other:	2. HEADSPACE (VOA)	<input type="checkbox"/>	<input type="checkbox"/>	5. # OF SAMPLES MATCH COC <input type="checkbox"/>
<input type="checkbox"/>		3. CONTAINER INTACT	<input type="checkbox"/>	<input type="checkbox"/>	6. PRESERVED <input type="checkbox"/>
		4. SEALED	<input type="checkbox"/>	<input type="checkbox"/>	7. COOLER TEMP. deg. C: <u>5.4</u>

Instruction: Complete all shaded areas.

Company: Geocon West Inc. Address: 3303 Y. San Fernando Blvd Ste 100 Tel: 818-896-8388  
 City: Sarbanatic State: CA Zip: 91504 Fax: 818-896-1780

SEND INVOICE TO:  same as SEND REPORT TO

Attn: Mike Concler Email: Samuel  
 Company: Geocon West Inc.  
 Address: 3303 Y. San Fernando Blvd Ste 100  
 City: Sarbanatic State: CA Zip: 91504

Project Name: Part to Playa Quote No.: Seg. C Soil Sampling  
 Project No.: A9240-77-01 PO #: 1  
 Sampler: Mike Alkota

ITEM	Lab No.	Sample ID / Location	Date	Time
1	1909201-1	B-2A-0.0	9/16/15	0827
2	2	B-2A-1.5		0840
3	3	B-2B-0.0		0842
4	4	B-2B-1.5		0858
5	5	B-2C-0.0		0900
6	6	B-2C-1.5		0913
7	7	B-2D-0.0		0920
8	8	B-2D-1.5		0945
9	9	B-2E-0.0		0948
10	10	B-2E-1.5		0955

Encircle or Wipe Requested Analysis	Encircle Sample Matrix	Container	QA/QC
8260 / 624 (Volatiles)	SOILS SEDIMENT / SLUDGE	Typ: 1=Ruber, 2=VA, 3=Liter, 4=Pinb, 5=Jar, 6=Canister, 7=Canister	<input type="checkbox"/> Routine
8015 (GRO)	SOLDS / WIFE / FILTER	Material: 1=Class, 2=Plastic, 3=Metal	<input type="checkbox"/> Caltran:
8015 (PRO)	WATER - DRINKING / GROUND	Preservative: 1=HCL, 2=HNO3, 3=H2SO4, 4=Ag, 5=Zn (4/2); 6=NOH; 7=NA2S2O3	<input type="checkbox"/> Legal
8270 (Semi-volatiles)	WATER - STORM / WASTE		<input type="checkbox"/> RWQC
8082 (PCBs)	AQUEOUS / LAYERED - OIL		<input type="checkbox"/> Level IV
6010 / 7000 (Title 22 Metals)			
TO-15			

Special Instructions (Comments): How long to store samples? How to label the samples? How to equal to 20 mg/l for WET analysis.

1. Samples receiving hours: 7:30 AM to 7:30 PM Monday - Friday; Saturday 8:00 AM to 12:00 PM  
 2. Samples Submitted AFTER 3:00 PM are considered received the following business day at 8:00 AM.  
 3. The following turnaround time conditions apply:  
 TAT = 0 : 100% Surcharge SAME BUSINESS DAY if received by 9:00 AM  
 TAT = 1 : 50% Surcharge NEXT BUSINESS DAY (COB 5:00 PM)  
 TAT = 2 : 50% Surcharge 2ND BUSINESS DAY (COB 5:00 PM)  
 TAT = 3 : 20% Surcharge 3RD BUSINESS DAY (COB 5:00 PM)  
 TAT = 4 : 20% Surcharge 4TH BUSINESS DAY (COB 5:00 PM)  
 TAT = 5 : NO SURCHARGE 5th BUSINESS DAY (COB 5:00 PM)  
 4. Weekend, holiday, after-hours work - ask for quote.  
 5. Subcontract TAT is 10 - 15 business days. Projects requiring shorter TATs will incur a surcharge respective to the subcontract lab - ask for quote.  
 6. Liquid and solid samples will be disposed of after 45 calendar days from receipt of samples; air samples will be disposed of after 14 calendar days after receipt of samples.  
 7. Electronic records maintained for five (5) years from report date.  
 8. Hard copy reports will be disposed of after 45 calendar days from report date.  
 9. Storage fees for:  
 - Liquid & solid samples: Complimentary storage for forty-five (45) calendar days from receipt of samples; \$20/ sample/week if extended storage is requested.  
 - Air samples: Complimentary storage for ten (10) calendar days from receipt of samples; \$50.00 per regenerated/reformed report; \$35 per processed EDD.  
 10. Rush TAT/STC samples: add 2 days to analysis TAT for extraction on procedure.  
 11. Unanalyzed samples will incur a disposal fee of \$7 per sample.

Relinquished by: (Signature and Printed Name) Mike Alkota Date: 9-16-15 Time: 1625  
 Relinquished by: (Signature and Printed Name) Edward Rodriguez Date: 9-16-15 Time: 1815  
 Relinquished by: (Signature and Printed Name) Edward Rodriguez Date: 9/16/15 Time: 1815

**CHAIN OF CUSTODY RECORD**

Method of Transport		Sample Conditions Upon Receipt			
<input type="checkbox"/> Client	<input checked="" type="checkbox"/> ATL	Condition	Y	N	Y
<input type="checkbox"/> FedEx	<input type="checkbox"/> OnTrac	1. CHILLED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> GSO	<input type="checkbox"/>	2. HEADSPACE (VOA)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Other:	<input type="checkbox"/>	3. CONTAINER INTACT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		4. SEALED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		5. # OF SAMPLES MATCH COC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		6. PRESERVED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		7. COOLER TEMP. Reg. C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Instruction: Complete all shaded areas.

Company: Geocon West Inc. Address: 3303 H. San Fernando Blvd Ste 100 Tel: 818-847-8588  
 Attn: Milice Conicle City: Burbank State: CA Zip: 91504 Fax: 818-847-1704  
 SEND REPORT TO: \_\_\_\_\_ Email: \_\_\_\_\_  
 SEND INVOICE TO: \_\_\_\_\_ Email: \_\_\_\_\_

Project Name: Party to Play Quote No.: \_\_\_\_\_  
 Project No.: 47240-77-01 PO #: \_\_\_\_\_  
 Sampler: Milice Akots  
 Special Instructions/Comments: See sample with total trace results greater than or equal to 50ng/kg for WET analysis.

ITEM	Lab No.	Sample Description		Date	Time
		Sample ID / Location			
1	100120-11	B-2F-0.0		9/16/15	0958
2	100120-12	B-2F-1.5		9/16/15	1006
3					
4					
5					
6					
7					
8					
9					
10					

Encircle or Write Requested Analysis

8260 / 624 (Volatiles)	
8015 (GRO)	
8015 (DRO)	
8270 (Semi-volatiles)	
8081 (Organochlorine Pesticides)	
6010 / 7000 (Title 22 Metals)	
TO-15	

Encircle Sample Matrix

SOLIDS / SEDIMENT / SLUDGE	X
SOLIDS / WIFE / FILTER	X
WATER - DRINKING / GROUND	
WATER - STORM / WASTE	
AQUEOUS / LAYERED - OIL	

Container: TAT

Material: 1-Glass, 2-Plastic, 3-Metal

Type: 1-Tube; 2-VOA; 3-Liter; 4-Pint; 5-gal; 6-Tier; 7-Canister

Preservative: 1-HCl; 2-HNO3; 3-H2SO4; 4-Ac; 5-Zn (AA); 6-NaOH; 7-MA2203

Remarks: OA/QC  
 Routine  
 Caltran  
 Legal  
 RWQCE  
 Level IV

As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.

Submitter Print Name: Milice Akots Signature: [Signature]  
 Date: 9/16/15 Time: 1815  
 Date: 9/16/15 Time: 1625  
 Date: 9/16/15 Time: 1815