28 June 2019

MEMORANDUM

To: Chris Holmquist (Murphy's Bowl LLC)

From: James Yoon, P.E. (EKI Environment & Water, Inc.)

Subject: Inglewood Basketball and Entertainment Center Project Soil and Soil Gas Investigations
(EKI B71091.00)

In accordance with the Agreement between EKI Environment & Water, Inc. (formerly known as Erler & Kalinowski, Inc.; "EKI") and Murphy's Bowl LLC ("MB"), dated 31 August 2017 and Change Order No. 1 to the Agreement dated 19 February 2019, EKI has prepared this Technical Memorandum summarizing environmental sampling activities conducted on portions of the Inglewood Basketball and Entertainment Center Project ("IBEC Project") site located in Inglewood, California (the "subject property"). Soil and soil gas samples were collected by EKI in two portions of the subject property: the Western Parking Structure area comprising 27 parcels and approximately 5.54 acres and the Well Site area comprising two parcels and approximately 0.70 acres. The location of the subject property is shown on Figure 1.

The Western Parking Structure and Well Site portions of the subject property are occupied by vacant land owned by the City of Inglewood or City of Inglewood Successor Agency.

The conclusions and recommendations presented herein are our professional opinion and are not a warranty or guaranty as to the presence, absence, or extent of contamination at the subject property or of releases from or near the subject property. The facts presented herein are based on available information obtained by EKI staff and represent existing conditions at the subject property at the time the information was collected.

1 SCOPE OF SERVICES

EKI conducted limited soil and soil gas sampling in the Western Parking Structure and Well Site portions of the subject property.

1.1 Collection of Soil Samples from Boreholes

On 8 March 2019, EKI advanced a total of eight boreholes on the subject property using a hand auger to collect soil samples in two portions of the Western Parking Structure area and the Well Site area; the areas are labeled PC-10 through PC-12 as shown on Figure 2. Generally, for each

borehole, soil samples were collected from depths of 0 to 1 foot bgs and 4 to 5 feet bgs. For each sampling area, all soil samples collected from 0 to 1 foot bgs from the boreholes were field-composited into a single multi-increment soil sample, and all soil samples collected from 4 to 5 feet bgs were field-composited into a single multi-increment soil sample. In sampling region PC-10, a deeper soil sample was collected from 9 to 5 feet bgs at borehole PC-10-3, located in an area where a print shop was may have been located based on historical records reviewed by EKI during a prior investigation. The soil samples were placed in pre-cleaned glass jars provided by the analytical laboratory, labeled with a unique identification number, and placed in a chilled cooler for transport to Eurofins Calscience, Inc. in Garden Grove, California ("Calscience"). Calscience is a State-certified analytical laboratory. The analytical results for the soil samples are presented in Section 1.2 below.

1.2 Shallow Soil Screening using XRF

In addition to samples collected from boreholes, EKI collected surface soil samples from 25 locations within the sampling areas for field screening using a field-portable x-ray fluorescence spectrometer ("FPXRF"). These samples were analyzed using United States Environmental Protection Agency ("U.S. EPA") Method 6200, which included calibration testing of the FPXRF during the sampling event and confirmatory analyses of seven samples by an analytical laboratory as part of quality assurance/quality control ("QA/QC") measures; these QA/QC results are presented in Tables 4 and 5.

1.3 Collection of Soil Gas Sample

A soil vapor sample was collected from borehole PC-10SV-1 in the Western Parking Structure area (PC-10) at a depth of 5 feet bgs following collection of the soil sample at this depth. A temporary soil vapor probe ("SVP") was constructed within the borehole as described below.

The SVP was constructed in general accordance with the California-Environmental Protection Agency's ("Cal-EPA") July 2015 guidance entitled Advisory – Active Soil Gas Investigations. The SVP was constructed using a 6-inch long, ½-inch diameter stainless-steel wire mesh screen attached to a length of continuous ¼-inch diameter flexible fluorinated ethylene propylene ("FEP") tubing, sealed at the top using a stainless-steel laboratory-grade plug valve with Swagelok-type compression fittings. The SVP screen was suspended using a guide pipe at the approximate center of the filter pack interval, between approximately 5 and 5.5 feet bgs. The borehole annular space around the SVP screen was backfilled with a 1.5-foot vertical filter pack of prewashed silica sand, poured slowly into the borehole. After placement of the filter pack, the guide pipe will be slowly removed from the borehole while maintaining the position and depth of the SVP screen. Above the filter pack, the SVP borehole was backfilled with a six-inch layer of dry medium granular bentonite, per Cal-EPA guidance. Above the dry granular bentonite, the borehole was sealed to existing grade with medium bentonite chips, emplaced and hydrated in approximately 6-inch lifts. Bentonite at the top of the seal was covered with approximately 6 to 8 inches of sand.

1.3.1 SVP Sampling Procedures

Consistent with current Cal-EPA guidance for soil gas wells, the soil gas sample was collected four days after installation of the SVP. The soil gas sample was collected in a laboratory-provided, pre-cleaned (batch certified) and pre-evacuated 1-liter SUMMA-passivated stainless-steel sample canister equipped with a flow controller set at a flow rate of approximately 100 milliliters per minute ("mL/min").

A shroud was maintained around the SVP during sample collection to allow a controlled atmosphere containing the leak-detection compound, 1,1-difluoroethate or "DFA," to be maintained around the SVP and sampling apparatus. The air inside the shroud will be sampled to determine the concentration of DFA around the sampling apparatus.

Immediately before sampling, the SVP will be purged at least three times the volume of the tubing and sand pack. After purging, the SVP, a SUMMA canister and flow controller will be attached to the SVP and a static vacuum check will be conducted. If the sample train holds vacuum, the air inside the shroud will be spiked with DFA to screen for leaks in the sampling system, if any. Soil vapor sampling then will be initiated by opening the SUMMA canister valve.

The sampling canister will be allowed to fill until a small residual vacuum remains, at which point the valve will be closed. The air inside the shroud will be sampled using a separate SUMMA canister and analyzed for DFA, so that the concentration ratio between shroud sample and SVP sample can be used to estimate dilution, in the event of leakage, although no significant leaks are anticipated.

The collected soil vapor and leak-check sample will be labeled with unique identification numbers, the date and time of collection, and other pertinent information, and prepared for shipment to Eurofins laboratory under chain-of-custody procedures.

1.3.2 Abandonment of SVP

Following completion of soil gas sampling, the SVP will be decommissioned by excavating the borehole to approximately one foot below grade and removing the tubing from the SVP. Once the tubing has been removed, the borehole will be grouted to the surface.

1.4 Analytical Results for Soil Samples

The soil samples collected from boreholes as shown on Figure 2 were analyzed by Calscience for the following constituents:

- Method 8015BM for gasoline-range TPH with U.S. EPA Method 5035 preparation;
- U.S. EPA Method 8015BM with silica gel extract for diesel- and oil-range TPH;

- U.S. EPA Method 8260B for VOCs and fuel oxygenates, with U.S. EPA Method 5035 preparation;
- U.S. EPA Method 6020 for California Title 22 metals and mercury;
- U.S. EPA Method 7199 for hexavalent chromium;
- U.S. EPA Method 8270C SIM for PAHs with U.S. EPA Method 3540C preparation;
- U.S. EPA Method 8082 for PCBs with U.S. EPA Method 3540C preparation;
- U.S. EPA Method 8081A for organochlorine pesticides with U.S. EPA Method 3545 preparation;
- U.S. EPA Method 8141A for organophosphorus pesticides with U.S. EPA Method 3545 preparation;
- U.S. EPA Method 8151A for chlorinated herbicides;
- ASTM Method D-2216 for moisture content.

The analytical results were compared to the U.S. EPA Regional Screening Levels ("RSLs") for residential and commercial/industrial land use (U.S. EPA, 2019), as modified by DTSC Human and Ecological Risk Office ("HERO") Note 3 (DTSC, 2019). These screening levels are referred to as the "HERO Note 3-modified RSLs".

The laboratory analytical results for TPH in soil samples are presented in Table 1. No gasoline-, diesel-, or motor oil-range TPH was detected above the HERO Note 3-modified RSLs for residential or commercial/industrial land use in any of the soil samples collected during this investigation.

The laboratory analytical results for detected organochlorine pesticides are presented in Table 1. One compound was detected at a concentration above the HERO Note 3-modified RSL for residential land use: chlordane in the sample collected from 0 to 1 foot bgs in area PC-12, at 990 micrograms per kilogram ("ug/kg"). The residential land use screening level for chlordane is 440 ug/kg. The other organochlorine pesticides detected during the investigation are 4,4'-DDE [1,1'-(2,2-dichloroethene-1,1-diyl)bis(4-chlorobenzene)]; 4,4'-DDT [1,1'-(2,2,2-trichloroethane-1,1-diyl)bis(4-chlorobenzene)]; and heptachlor epoxide; these compounds were all detected at concentrations well below the respective residential land use screening levels.

The laboratory analytical results for metals (including hexavalent chromium and mercury) in soil samples are presented in Table 2. Hexavalent chromium was detected above the HERO Note 3-modified RSLs for residential land use and below the HERO Note 3-modified RSL for commercial/industrial land use in six of the seven soil samples at concentrations from 0.340 to 0.600 mg/kg; the residential land use screening level is 0.30 mg/kg. The laboratory reported that hexavalent chromium was also present in the method blank associated with these samples. Thallium was detected in the sample collected from 0 to 1 foot bgs in area PC-11 at 0.858 mg/kg, just above the residential land use screening level of 0.78 mg/kg. Arsenic was not

detected above the DTSC regional background arsenic concentration of 12 mg/kg (DTSC, 2008) in any of the soil samples analyzed by Calscience, and no other metals were detected above the respective HERO Note 3-modified RSLs for residential land use.

The FPXRF analytical results for arsenic and lead in soil samples are presented in Table 3. Arsenic was not detected above the DTSC regional background arsenic concentration in any of the surface samples analyzed using FPXRF. Lead was detected above the HERO Note 3-modified RSL for residential land use of 80 mg/kg in 2 of the 25 soil samples analyzed using FPXRF, at concentrations of 89 and 126 mg/kg in two sample locations in PC-11. Lead was not detected above the HERO Note 3-modified RSL for commercial/industrial land use. If shallow soil in the PC-11 area is expected to be moved or disposed off-site, soil containing lead at concentrations above 50 mg/kg should be analyzed using the Toxicity Characteristic Leaching Procedure ("TCLP") or Soluble Threshold Limit Concentration ("STLC") extraction methods to determine if the soil is a hazardous waste requiring special disposal procedures.

VOCs, PAHs, PCBs, organophosphorus pesticides, and chlorinated herbicides were not detected above the respective HERO Note 3-modified RSLs for residential land use and are not presented in tables. The laboratory reports for all analyses conducted by Calscience are presented in Attachment E.

1.5 Analytical Results for Soil Gas Sample

The soil gas sample collected from the temporary probe at borehole PC-10-4 as shown on Figure 2 was analyzed by Calscience for VOCs using U.S. EPA Method TO-15. The analytical results were compared to the HERO Note 3-modified RSLs for indoor air, modified using the attenuation factor of 33 for soil gas as recommended by the U.S. EPA (OSWER, 2015).

Acetone, benzene, 2-butanone, carbon disulfide, dichlorodifluoromethane, 1,1-difluoroethane, isopropanol, tetrachloroethene ("PCE"), toluene, trichloroethene ("TCE"), and trichlorofluoromethane were detected at low concentrations in the soil gas sample, below the applicable screening criteria for commercial/industrial land use. The laboratory report for the soil gas analyses conducted by Calscience is presented in Attachment E.

2 SUMMARY OF ANALYTICAL RESULTS

EKI collected shallow soil samples and a soil gas sample to evaluate soil conditions in the Western Parking Structure and Well Site portions of the subject property. Soil samples contained low concentrations of hexavalent chromium above the residential screening level; based on the low concentrations detected, these results do not appear to be indicative of a shallow soil source for hexavalent chromium.

The shallow composite soil sample in area PC-11 contained a low concentration of thallium, approximately 10% above the residential soil screening level. This low detected concentration does not appear to be indicative of a shallow soil source for thallium.

Arsenic was not detected in the soil samples at concentrations above the applicable screening level, but lead was detected at concentrations above the residential screening level in surface samples in area PC-11. Possible sources of lead could include lead-based paint from former buildings or deposition from diesel exhaust from the nearby roadways.

The shallow soil gas sample collected from area PC-10 in the Western Parking Structure area, near a dry cleaning site on the adjoining property to the east, did not contain VOCs at concentrations above residential screening levels. Based on these results, there does not appear to be any significant impact from dry cleaning chemicals at this location.

No compounds were detected above the respective screening criteria for commercial/industrial land use.

Tables

Table 1 – TPH Analytical Results for Soil Samples
Table 2 – Summary of Metals and Moisture Content Analytical Results for Soil Samples
Table 3 – Arsenic and Lead Detected in Surface Soil Samples
Table 4 – FPXRF Calibration Verification Analyses
Table 5 – FPXRF Confirmatory Soil Samples and Precision Measurements

Figures
Figure 1 – Property Location Map
Figure 2 – Soil Sample Locations

Attachment

Attachment A – Laboratory Analytical Reports

References

DTSC, 2008. *Determination of a Southern California Regional Background Arsenic Concentration in Soil,* California Department of Toxic Substances Control, 2008.

DTSC, 2019. *Human Health Risk Assessment Note 3 – DTSC-Modified Screening Levels (DTSC-SLs), April 2019 Update,* California Department of Toxic Substances Control, April 2019.

OSWER, 2015. *OSWER Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air,* United States Environmental Protection Agency Office of Solid Waste and Emergency Response, June 2015.

U.S. EPA. 2019. *Regional Screening Levels (RSLs) – Generic Tables (May 2019),* United States Environmental Protection Agency, May 2019.

ATTACHMENT A

Laboratory Analytical Reports

TABLE 1

TPH and Organochlorine Pesticide Analytical Results for Soil Samples

IBEC Project, Inglewood, California

Investigation Area ID	Sample ID	Depth (feet bgs)	Sample Date	Analytical Results (a)						
				TPH (mg/kg) (b)			Organochlorine Pesticides (ug/kg) (c)			
				Gasoline-Range TPH (d)	Diesel-Range TPH (e)	Motor Oil-Range TPH (f)	Chlordane	4,4'-DDE	4,4'-DDT	Heptachlor Epoxide
PC-10	PC-10-0.0-1.0	0.0 - 1.0	3/8/2019	<0.55	10 HD,SG	20 HD,SG,J	46 J	8.2	4.4 J	<11
	PC-10-4.0-5.0	4.0 - 5.0	3/8/2019	<0.57	2.8 HD,SG,J	<27 SG	<56	<5.6	<5.6	<11
	PC-10-9.0-10.0	9.0 - 10.0	3/8/2019	<0.12	11 HD,SG	15 HD,SG,J	<55	<5.5	<5.5	<11
PC-11	PC-11-0.0-1.0	0.0 - 1.0	3/8/2019	<0.55	4.3 HD,SG,J	<28 SG	<56	<5.6	<5.6	<11
	PC-11-4.0-5.0	4.0 - 5.0	3/8/2019	<0.56	3.0 HD,SG,J	<28 SG	<56	<5.6	<5.6	<11
PC-12	PC-12-0.0-1.0	0.0 - 1.0	3/8/2019	<0.13	33 HD,SG	66 HD,SG	*990*	28	14	13
	PC-12-4.0-5.0	4.0 - 5.0	3/8/2019	<0.10	3.9 HD,SG,J	<28 SG	<57	<5.7	<5.7	<11
Screening Level Criteria for Residential Soil (a)				***82***	***96***	***2,500***	***440***	***2,000***	***1,900***	***130***
Screening Level Criteria for Commercial/Industrial Soil (a)				***420***	***440***	***33,000***	***1,500***	***9,300***	***8,500***	***630***

Abbreviations:

-- = not applicable

<26 = compound not detected at or above indicated laboratory reporting limit

bgs = below ground surface

C = carbon chain length

4,4'-DDE = 1,1'-(2,2-dichloroethene-1,1-diyl)bis(4-chlorobenzene)

4,4'-DDT = 1,1'-(2,2,2-trichloroethane-1,1-diyl)bis(4-chlorobenzene)

EC = equivalent carbon number

HD = the chromatograph pattern was inconsistent with the profile of the reference fuel standard

J = analyte detected below the reporting limit and above the method detection limit, reported value is estimated

mg/kg = milligrams per kilogram

RSLs = U.S. EPA Region 9 Regional Screening Levels

SG = the sample extract was subjected to silica gel treatment prior to analysis

TPH = total petroleum hydrocarbons

ug/kg = micrograms per kilogram

U.S. EPA = United States Environmental Protection Agency

TABLE 1

TPH and Organochlorine Pesticide Analytical Results for Soil Samples

IBEC Project, Inglewood, California

Notes:

(a) The screening level criteria are presented in *Regional Screening Levels (RSLs) - Generic Tables (May 2019)* (U.S. EPA, 2019). Analytical data detected above residential land use screening criteria are shown in *italics* above.

(b) U.S. EPA laboratory analytical methods have not yet been established that differentiate between aliphatic and aromatic hydrocarbons and provide analytical results that can be directly compared to the RSLs. Samples were analyzed using existing U.S. EPA Method 8015 for TPH in the gasoline, diesel, and motor oil ranges, which do not directly correspond to the low, medium, and high aliphatic and aromatic TPH ranges defined by the RSLs due to variations between analytical laboratories and TPH standards, but are compared to these ranges for screening purposes.

(c) Samples were analyzed using U.S. EPA Method 8081A with U.S. EPA Method 3545 preparation. Only detected compounds are shown.

(d) Analytical results for TPH in the gasoline range are compared to the RSLs for both TPH aliphatic low (C5-C8, EC5-EC8) and TPH aromatic low (C6-C8, EC6-EC<9).

(e) Analytical results for TPH in the diesel range are compared to the RSLs for both TPH aliphatic medium (C9-C18, EC>8-EC16) and TPH aromatic medium (C9-C16, EC9-EC<22).

(f) Analytical results for TPH in the motor oil range are compared to the RSLs for both TPH aliphatic high (C19-C32, EC>16-EC35) and TPH aromatic high (C17-C32, EC>22-EC35).

References:

U.S. EPA, 2019. *Regional Screening Levels (RSLs) - Generic Tables (May 2019),* United States Environmental Protection Agency, May 2019.

TABLE 2

Summary of Metals and Moisture Content Analytical Results for Soil Samples

IBEC Project, Inglewood, California

Investigation Area ID	Sample ID	Sample Date	Sample Depth (feet bgs)	Analytical Results (mg/kg) (a)																		
				California Title 22 Metals																		
				Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Chromium, Hexavalent	Mercury	Moisture (%)
PC-10	PC-10-0.0-1.0	0.0 - 1.0	3/8/2019	<11.2	2.63 J	112	<5.60	<5.60	15.6	7.27	21.2	22.3	<5.60	9.96	<5.60	<5.60	<5.60	27.7	73.5	*0.390 B,J*	0.0686 J	11
	PC-10-4.0-5.0	4.0 - 5.0	3/8/2019	<11.2	2.42 J	129	<5.62	<5.62	21	11.4	24.3	5.91	<5.62	13.4	<5.62	<5.62	<5.62	46	57.8	*0.520 B*	0.0710 J	11
	PC-10-9.0-10.0	9.0 - 10.0	3/8/2019	<11.0	<5.48	29	<5.48	<5.48	3.72 J	2.57 J	4.99 J	1.98 J	<5.48	2.98 J	<5.48	<5.48	<5.48	8.31 J	11.1 J	<0.440	0.0203 J	8.7
PC-11	PC-11-0.0-1.0	0.0 - 1.0	3/8/2019	1.70 J	<5.61	143	<5.61	<5.61	23.9	12.3	25.6	6.97	4.68 J	13.5	<5.61	<5.61	*0.858 J*	50.8	61.6	*0.510 B*	0.265	11
	PC-11-4.0-5.0	4.0 - 5.0	3/8/2019	<11.2	2.39 J	144	<5.62	<5.62	23.4	13.3	26.8	6.1	<5.62	15.3	<5.62	<5.62	<5.62	49.4	63.6	*0.600 B*	0.0835 J	11
PC-12	PC-12-0.0-1.0	0.0 - 1.0	3/8/2019	<11.4	2.66 J	97.9	<5.71	1.25 J	14.9	6.01	53.6	72.1	<5.71	12.4	<5.71	0.946 J	<5.71	21.7	285	*0.340 B,J*	0.0797 J	12
	PC-12-4.0-5.0	4.0 - 5.0	3/8/2019	<11.4	<5.70	69.2	<5.70	<5.70	11.9	5.54 J	14.8	3.08 J	<5.70	7.46	<5.70	<5.70	<5.70	22.8	35.4	*0.420 B,J*	0.0219 J	12
Screening Level Criteria for Residential Soil (b)				***31***	***12 (c)***	***15,000***	***15***	***5.2***	***36,000***	***23***	***3,100***	***80***	***390***	***490***	***390***	***390***	***0.78***	***390***	***23,000***	***0.3***	***1.0***	***--***
Screening Level Criteria for Commercial/Industrial Soil (b)				***470***	***12 (c)***	***220,000***	***210***	***7.3***	***170,000***	***350***	***47,000***	***320***	***5,800***	***3,100***	***5,800***	***1,500***	***12***	***1,000***	***350,000***	***6.3***	***4.5***	***--***

Abbreviations:

-- = not applicable
<2.09 = compound not detected at or above indicated laboratory reporting limit
ASTM = American Society for Testing and Materials
B = analyte also detected in associated method blank
bgs = below ground surface
DTSC = California Department of Toxic Substances Control
J = analyte detected below the reporting limit and above the method detection limit, reported value is estimated
mg/kg = milligrams per kilogram
RSLs = regional screening levels
U.S. EPA = United States Environmental Protection Agency

Notes:

(a) Samples were analyzed for California Title 22 metals using U.S. EPA Method 6020, chromium VI using U.S. EPA method 7199, mercury using U.S. EPA Method 7471A, and moisture using ASTM D-2216 by Eurofins Calscience, Inc., Garden Grove, CA.

(b) The screening level criteria are presented in *Human Health Risk Assessment Note 3 - DTSC-Modified Screening Levels (DTSC-SLs), April 2019 Update* (DTSC, 2019), which incorporates the *Regional Screening Levels (RSLs) - Generic Tables (May 2019)* (U.S. EPA, 2019). Analytical data detected above the residential land use screening level criteria are shown in italics above.

(c) In 2008, the DTSC published *Determination of a Southern California Regional Background Arsenic Concentration in Soil* (DTSC, 2008), which analyzed data for shallow soil samples collected from 52 school sites distributed across Southern California. This included a total of 1,097 soil samples collected from 19 schools in Los Angeles County. DTSC calculated the upper bound of its data set as the 95% upper confidence limit of the 99th quantile of the arsenic data set excluding outliers. The DTSC also utilized a probability plot of arsenic concentrations to determine an upper bound of background concentrations. The DTSC Report concluded that 12 mg/kg is an appropriate upper bound concentration representative of background concentrations of arsenic for school sites in Southern California.

References:

DTSC, 2008. *Determination of a Southern California Regional Background Arsenic Concentration in Soil*, California Department of Toxic Substances Control, 2008.

DTSC, 2019. *Human Health Risk Assessment Note 3 - DTSC-Modified Screening Levels (DTSC-SLs), April 2019 Update*, California Department of Toxic Substances Control, April 2019.

U.S. EPA, 2019. *Regional Screening Levels (RSLs) - Generic Tables (May 2019),* United States Environmental Protection Agency, May 2019.

TABLE 3

Arsenic and Lead Detected in Surface Soil Samples

IBEC Project, Inglewood, California

Investigation Area ID	Sample ID	Sample Date	Analytical Results by FPXRF (a,b)	
			Arsenic (mg/kg)	Lead (mg/kg)
PC-10	PC-10X-1	3/8/2019	<10	16
	PC-10X-2	3/12/2019	7.0	39
	PC-10X-3	3/8/2019	<11	21
	PC-10X-4	3/8/2019	9.0	40
	PC-10X-5	3/12/2019	5.0	28
	PC-10X-6	3/8/2019	<11	36
	PC-10X-7	3/8/2019	<12	28
	PC-10X-8	3/8/2019	<12	45
	PC-10X-9	3/8/2019	<11	27
PC-11	PC-11X-1	3/8/2019	<11	43
	PC-11X-2	3/8/2019	<9	34
	PC-11X-3	3/12/2019	6.0	39
	PC-11X-4	3/12/2019	<6	*89*
	PC-11X-5	3/12/2019	<6	*126*
	PC-11X-6	3/12/2019	<10	63
	PC-11X-7	3/8/2019	<12	59
	PC-11X-8	3/8/2019	<12	65
	PC-11X-9	3/12/2019	11	67
	PC-11X-10	3/12/2019	4.0	42
	PC-11X-11	3/8/2019	<11	26
	PC-11X-12	3/12/2019	4.0	23
PC-12	PC-12X-1	3/8/2019	<9	42
	PC-12X-2	3/8/2019	<12	62
	PC-12X-3	3/8/2019	<9	41
	PC-12X-4	3/8/2019	<9	38
Screening Level Criteria for Residential Soil (d)			***12 (e)***	***80***
Screening Level Criteria for Commercial/Industrial Soil (d)			***12 (e)***	***320***

Abbreviations:

DTSC = California Department of Toxic Substances Control
FPXRF = field portable x-ray fluorescence spectrometer
mg/kg = milligrams per kilogram
U.S. EPA = United States Environmental Protection Agency

TABLE 3

Arsenic and Lead Detected in Surface Soil Samples

IBEC Project, Inglewood, California

Notes:

(a) Arsenic and lead were analyzed using U.S. EPA Method 6200 by an Olympus Delta Premium RK field field portable x-ray fluorescence spectrometer.

(b) FPXRF field screening was performed on surface soil samples. The FPXRF automatically adjusts readings using algorithms to correct for moisture content variations.

(c) Analytical data detected above the screening level criterion for residential land use are shown in *italics*.

(d) The screening level criterion for lead is presented in *Human Health Risk Assessment Note 3 - DTSC-Modified Screening Levels (DTSC-SLs), August 2017 Updated* (DTSC, 2017).

(e) In 2008, the DTSC published *Determination of a Southern California Regional Background Arsenic Concentration in Soil* (DTSC, 2008), which analyzed data for shallow soil samples collected from 52 school sites distributed across Southern California. This included a total of 1,097 soil samples collected from 19 schools in Los Angeles County. DTSC calculated the upper bound of its data set as the 95% upper confidence limit of the 99th quantile of the arsenic data set excluding outliers. The DTSC also utilized a probability plot of arsenic concentrations to determine an upper bound of background concentrations. The DTSC Report concluded that 12 mg/kg is an appropriate upper bound concentration representative of background concentrations of arsenic for school sites in Southern California.

References:

DTSC, 2008. *Determination of a Southern California Regional Background Arsenic Concentration in Soil,* California Department of Toxic Substances Control, 2008.

DTSC, 2019. *Human Health Risk Assessment Note 3 - DTSC-Modified Screening Levels (DTSC-SLs), April 2019 Update*, California Department of Toxic Substances Control, April 2019.

TABLE 4

FPXRF Calibration Verification Analyses

IBEC Project, Inglewood, California

Calibration Standard	Laboratory	Date	FPXRF Arsenic Concentration (a) (mg/kg)	Calibration Standard Laboratory-Verified Concentration (b) (mg/kg)	PD (c) (%)	RSD (%)	FPXRF Lead Concentration (d) (mg/kg)	Calibration Standard Laboratory-Verified Concentration (e) (mg/kg)	PD (c) (%)	RSD (%)
Standard Reference Materials (SRMs)										
2709A	NIST	3/8/2019	10	10.5	-5%	8%	19.0	17.3	10%	15%
2709A	NIST	3/8/2019	10	10.5	-5%	8%	20	17.3	16%	15%
2709A	NIST	3/8/2019	11	10.5	5%	8%	21.0	17.3	**21%**	15%
2709A	NIST	3/12/2019	10.0	10.5	-5%	8%	20	17.3	16%	15%
2709A	NIST	3/12/2019	12	10.5	14%	8%	14	17.3	-19%	15%
2710A	NIST	3/8/2019	1429	1540	-7%	1%	5533	5520	0%	0%
2710A	NIST	3/8/2019	1421	1540	-8%	1%	5550	5520	1%	0%
2710A	NIST	3/8/2019	1401	1540	-9%	1%	5586	5520	1%	0%
2710A	NIST	3/12/2019	1448	1540	-6%	1%	5535	5520	0%	0%
2710A	NIST	3/12/2019	1429	1540	-7%	1%	5546	5520	0%	0%
2711A	NIST	3/8/2019	65	107	**-39%**	6%	1442	1400	3%	2%
2711A	NIST	3/8/2019	70	107	**-35%**	6%	1452	1400	4%	2%
2711A	NIST	3/8/2019	74	107	**-31%**	6%	1460	1400	4%	2%
2711A	NIST	3/12/2019	69	107	**-36%**	6%	1509	1400	8%	2%
2711A	NIST	3/12/2019	64	107	**-40%**	6%	1443	1400	3%	2%
Instrument Blank Measurements										
Instrument Blank (f)	Olympus	3/8/2019	<6	N/A	N/A	N/A	<9	N/A	N/A	N/A
Instrument Blank (f)	Olympus	3/8/2019	<6	N/A	N/A	N/A	<10	N/A	N/A	N/A
Instrument Blank (f)	Olympus	3/8/2019	<6	N/A	N/A	N/A	<10	N/A	N/A	N/A
Instrument Blank (f)	Olympus	3/12/2019	<6	N/A	N/A	N/A	<9	N/A	N/A	N/A
Instrument Blank (f)	Olympus	3/12/2019	<3	N/A	N/A	N/A	<4	N/A	N/A	N/A

TABLE 4

FPXRF Calibration Verification Analyses

IBEC Project, Inglewood, California

Abbreviations:

C&T= Curtis & Tompkins Laboratories
FPXRF = field portable x-ray fluorescence
mg/kg = milligrams per kilogram
N/A = not applicable
NIST = National Institute of Standards and Testing
PD = percent difference
RSD = relative standard deviation
SRM = standard reference material
SSCS = site specific calibration standard
U.S. EPA = United States Environmental Protection Agency

Notes:

(a) Arsenic was analyzed using U.S. EPA Method 6200 by an Olympus Delta Premium RK field portable x-ray fluorescence spectrometer.
(b) Arsenic was analyzed using U.S. EPA Method 6020 by the laboratory indicated.
(c) Percent difference greater than 20% is shown in **bold** in the table above.
(d) Lead was analyzed using U.S. EPA Method 6200 by an Olympus Delta Premium RK field portable x-ray fluorescence spectrometer.
(e) Lead was analyzed using U.S. EPA Method 6020 by the laboratory indicated.
(f) The instrument blank provided by the equipment manufacturer was damaged, thus a purified sand from Olympus Scientific was used as a replacement instrument blank. The actual concentration of arsenic and lead in the purified sand is unknown, but assumed to be near the detection limit of the FPXRF spectrometer.

References:

U.S. EPA, 2007. *Method 6200 – Field Portable X-Ray Fluorescence Spectrometry for the Determination of Elemental Concentrations in Soil and Sediment, Revision 0.* United States Environmental Protection Agency, February 2007.

TABLE 5

FPXRF Confirmatory Soil Samples and Precision Measurements

IBEC Project, Inglewood, California

Investigation Area ID	Sample ID	Sample Date	Analytical Results																			
			Analytical Laboratory (a)		FPXRF Precision Sample Measurements																	
			Arsenic (mg/kg)	Lead (mg/kg)	Arsenic (mg/kg)								RSD (b)	Lead (mg/kg)								RSD (b)
PC-10	PC-10X-7	3/12/2019	4.55	*125*	4.0	4.0	<6	<6	<6	6.0	7.0	<6	29%	*106*	*107*	*108*	*115*	*114*	*112*	*117*	*127*	6%
	PC-10X-9	3/8/2019	<5.00	37.2	<11	<10	<10	<10	<10	<11	<11	<11	N/A	43	33	38	40	36	43	39	41	9%
PC-11	PC-11X-3	3/12/2019	3.72	62.3	7.0	5.0	6.0	6.0	6.0	7.0	5.0	5.0	14%	78	*85*	*84*	*80*	*81*	79	*82*	*81*	3%
	PC-11X-12	3/8/2019	3.87	21.2	<12	10.0	<11	8.0	<11	<12	<11	10.0	12%	47	26	33	33	30	30	32	33	19%
PC-12	PC-12X-1	3/8/2019	<5.00	45.5	<12	<11	<12	<12	<11	<11	<12	<11	N/A	62	58	60	59	54	55	52	53	6%
Screening Level Criteria for Residential Soil (c,d,e)			***12***	***80***	***12***	***12***	***12***	***12***	***12***	***12***	***12***	***12***	*--*	***80***	***80***	***80***	***80***	***80***	***80***	***80***	***80***	*--*
Screening Level Criteria for Commercial/Industrial Soil (c,d,e)			***12***	***320***	***12***	***12***	***12***	***12***	***12***	***12***	***12***	***12***	*--*	***320***	***320***	***320***	***320***	***320***	***320***	***320***	***320***	*--*

Abbreviations:

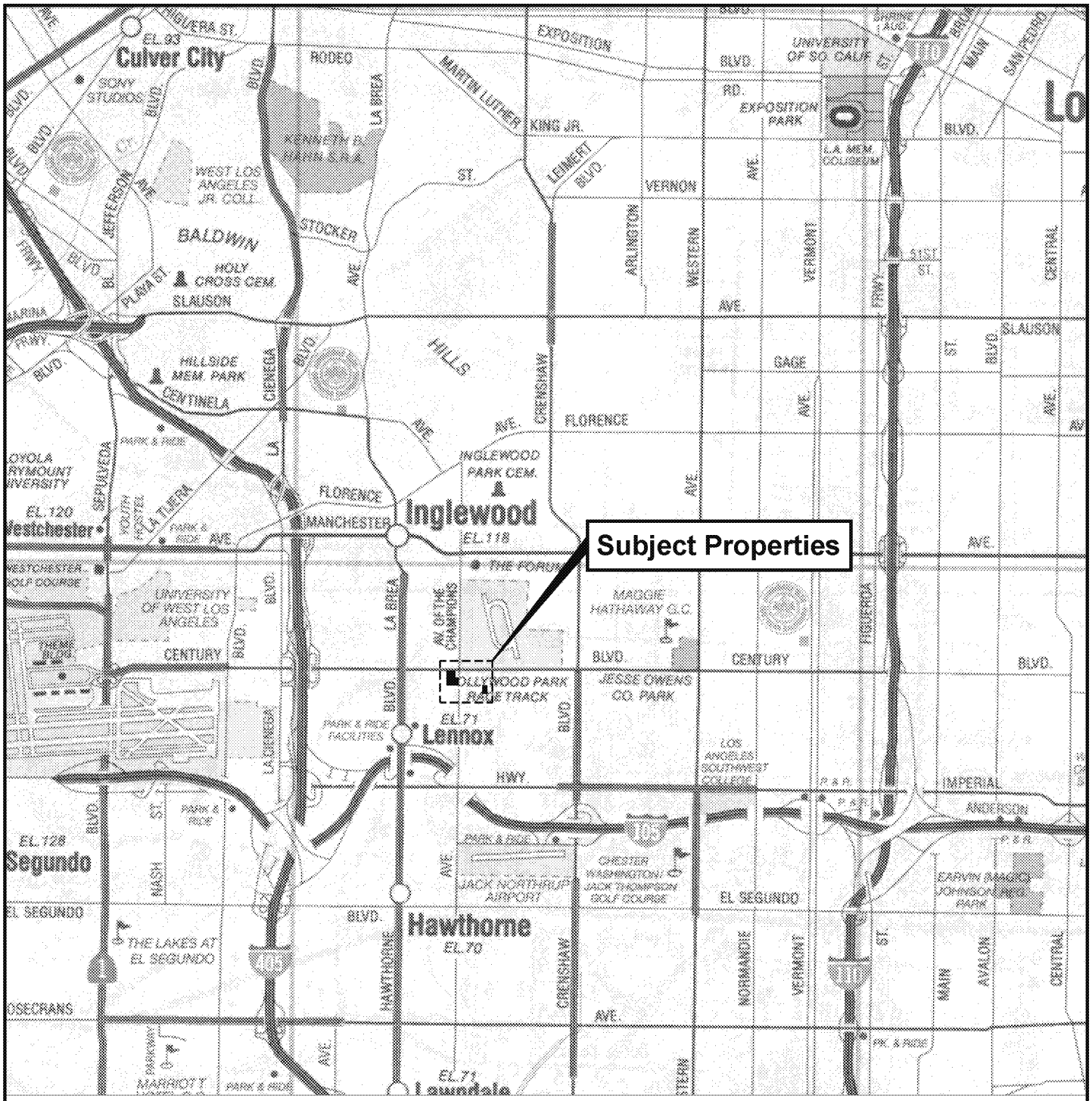
-- = not analyzed
ASTM = American Society for Testing and Materials
DTSC = California Department of Toxic Substances Control
FPXRF = field portable x-ray fluorescence
mg/kg = milligrams per kilogram
RSD = relative standard deviation
U.S. EPA = United States Environmental Protection Agency

Notes:

(a) Soil samples were analyzed for lead and arsenic using U.S. EPA Method 6020 by Eurofins Calscience, Inc., Garden Grove, CA.
(b) RSD was calculated for each set of eight FPXRF precision sample measurements.
(c) In 2008, the DTSC published *Determination of a Southern California Regional Background Arsenic Concentration in Soil* (DTSC, 2008), which analyzed data for shallow soil samples collected from 52 school sites distributed across Southern California. This included a total of 1,097 soil samples collected from 19 schools in Los Angeles County. DTSC calculated the upper bound of its data set as the 95% upper confidence limit of the 99th quantile of the arsenic data set excluding outliers. The DTSC also utilized a probability plot of arsenic concentrations to determine an upper bound of background concentrations. The DTSC Report concluded that 12 mg/kg is an appropriate upper bound concentration representative of background concentrations of arsenic for school sites in Southern California.
(d) The screening level criterion for lead is presented in *Human Health Risk Assessment Note 3 - DTSC-Modified Screening Levels (DTSC-SLs), April 2019 Update* (DTSC, 2019).
(c) Analytical data detected above residential land use screening criteria are shown in *italics* above.

References:

DTSC, 2008. *Determination of a Southern California Regional Background Arsenic Concentration in Soil*, California Department of Toxic Substances Control, 2008.
DTSC, 2019. *Human Health Risk Assessment Note 3 - DTSC-Modified Screening Levels (DTSC-SLs), April 2019 Update,* California Department of Toxic Substances Control, April 2019.



Reference: The Thomas Guide Digital Edition, State of California, 2003/2004.

N

0 10,000 20,000

(Scale in Feet)

Note:

1. All locations are approximate.

Subject Property Location Map

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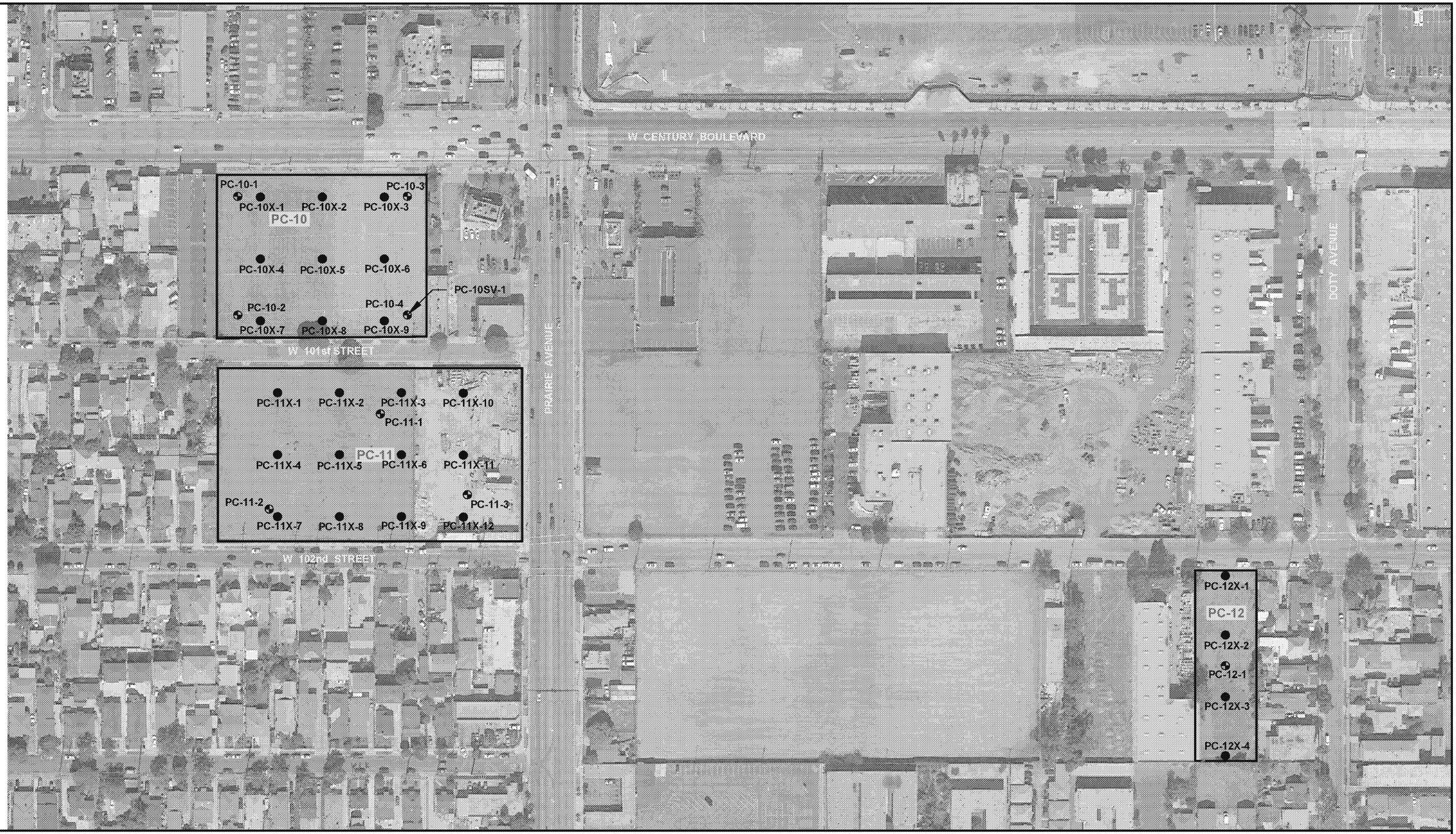
IBEC Project
Inglewood, CA
May 2019
EKI B71091.00

Figure 1

20190517.14222702 C:\Users\ricsada\appdata\local\temp\AcPublish_4252\Figure 1.dwg Figure 01



Legend:

———	Subject Property Boundary
PC-1	Investigation Area Identifier
PC-10-1	Borehole and Soil Sample Location
PC-10SV-1	Soil Vapor Sample Location
PC-10X-1	Surface Soil XRF Sample Location

Notes:

1. All locations are approximate.
2. Basemap source: Google Earth Pro, date of imagery 18 October 2017.

N

0 150 300
(Scale in Feet)

eki environment & water

Soil Sample Locations

IBEC Project
Inglewood, CA
May 2019
EKI B71091.00

Figure 2

20171101.0928577 C:\Users\ricasata\Documents\Drawing1.dwg Layout1

ATTACHMENT A

Laboratory Analytical Reports

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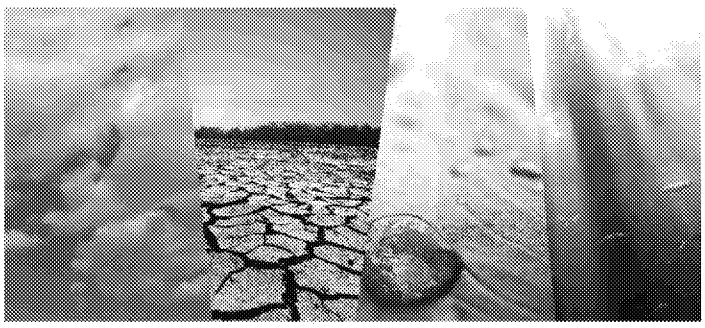
WORK ORDER NUMBER: 19-03-0690

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: EKI Environment & Water, Inc.

Client Project Name: Project Condor / B71091.00

Attention: James Yoon
2355 Main Street
Suite 210
Irvine, CA 92614-4252

Approved for release on 03/28/2019 by:
Virendra Patel
Project Manager

ResultLink ›

Email your PM ›

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Contents

Client Project Name: Project Condor / B71091.00
Work Order Number: 19-03-0690

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Work Order Narrative

Work Order: 19-03-0690 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 03/08/19. They were assigned to Work Order 19-03-0690.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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Sample Summary

Client:	EKI Environment & Water, Inc. 2355 Main Street, Suite 210 Irvine, CA 92614-4252	Work Order:	19-03-0690
		Project Name:	Project Condor / B71091.00
		PO Number:	
		Date/Time Received:	03/08/19 18:50
		Number of Containers:	154
Attn:	James Yoon		

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
PC-11-1-0.0-1.0	19-03-0690-1	03/08/19 12:15	7	Solid
PC-11-2-0.0-1.0	19-03-0690-2	03/08/19 11:50	7	Solid
PC-11-3-0.0-1.0	19-03-0690-3	03/08/19 13:30	7	Solid
PC-11-0.0-1.0	19-03-0690-4	03/08/19 00:00	7	Solid
PC-11-1-4.0-5.0	19-03-0690-5	03/08/19 12:25	7	Solid
PC-11-2-4.0-5.0	19-03-0690-6	03/08/19 12:00	7	Solid
PC-11-3-4.0-5.0	19-03-0690-7	03/08/19 14:00	7	Solid
PC-11-4.0-5.0	19-03-0690-8	03/08/19 00:00	7	Solid
PC-12-0.0-1.0	19-03-0690-9	03/08/19 14:45	8	Solid
PC-12-4.0-5.0	19-03-0690-10	03/08/19 15:00	8	Solid
CON-PC-10X-9-1	19-03-0690-11	03/08/19 13:46	1	Solid
CON-PC-11X-3-1	19-03-0690-12	03/08/19 15:00	1	Solid
CON-PC-11X-12-2	19-03-0690-13	03/08/19 15:15	1	Solid
CON-PC-12X-1-1	19-03-0690-14	03/08/19 16:00	1	Solid
PC-10-1-0.0-1.0	19-03-0690-15	03/08/19 11:30	7	Solid
PC-10-2-0.0-1.0	19-03-0690-16	03/08/19 09:30	7	Solid
PC-10-3-0.0-1.0	19-03-0690-17	03/08/19 10:20	7	Solid
PC-10-4-0.0-1.0	19-03-0690-18	03/08/19 09:50	7	Solid
PC-10-0.0-1.0	19-03-0690-19	03/08/19 00:00	7	Solid
PC-10-1-4.0-5.0	19-03-0690-20	03/08/19 11:45	7	Solid
PC-10-2-4.0-5.0	19-03-0690-21	03/08/19 09:40	7	Solid
PC-10-3-4.0-5.0	19-03-0690-22	03/08/19 10:35	7	Solid
PC-10-4-4.0-5.0	19-03-0690-23	03/08/19 10:00	7	Solid
PC-10-4.0-5.0	19-03-0690-24	03/08/19 00:00	7	Solid
PC-10-3-9.0-10.0	19-03-0690-25	03/08/19 10:45	8	Solid

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Detections Summary

Client:	EKI Environment & Water, Inc. 2355 Main Street, Suite 210 Irvine, CA 92614-4252	Work Order: Project Name: Received:	19-03-0690 Project Condor / B71091.00 03/08/19
Attn:	James Yoon		

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
PC-11-0.0-1.0 (19-03-0690-4)						
Moisture	11		0.10	%	ASTM D-2216 (M)	N/A
Antimony	1.70	J	0.731*	mg/kg	EPA 6020	EPA 3050B
Barium	143		5.61	mg/kg	EPA 6020	EPA 3050B
Chromium	23.9		11.2	mg/kg	EPA 6020	EPA 3050B
Cobalt	12.3		5.61	mg/kg	EPA 6020	EPA 3050B
Copper	25.6		5.61	mg/kg	EPA 6020	EPA 3050B
Lead	6.97		5.61	mg/kg	EPA 6020	EPA 3050B
Molybdenum	4.68	J	0.820*	mg/kg	EPA 6020	EPA 3050B
Nickel	13.5		5.61	mg/kg	EPA 6020	EPA 3050B
Thallium	0.858	J	0.589*	mg/kg	EPA 6020	EPA 3050B
Vanadium	50.8		11.2	mg/kg	EPA 6020	EPA 3050B
Zinc	61.6		28.1	mg/kg	EPA 6020	EPA 3050B
Chromium, Hexavalent	510	B	450	ug/kg	EPA 7199	EPA 3060A
Mercury	0.265		0.0891	mg/kg	EPA 7471A	EPA 7471A Total
TPH as Diesel	4.3	HD,SG,J	1.4*	mg/kg	EPA 8015B (M)	EPA 3550B
PC-11-4.0-5.0 (19-03-0690-8)						
Moisture	11		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	2.39	J	2.19*	mg/kg	EPA 6020	EPA 3050B
Barium	144		5.62	mg/kg	EPA 6020	EPA 3050B
Chromium	23.4		11.2	mg/kg	EPA 6020	EPA 3050B
Cobalt	13.3		5.62	mg/kg	EPA 6020	EPA 3050B
Copper	26.8		5.62	mg/kg	EPA 6020	EPA 3050B
Lead	6.10		5.62	mg/kg	EPA 6020	EPA 3050B
Nickel	15.3		5.62	mg/kg	EPA 6020	EPA 3050B
Vanadium	49.4		11.2	mg/kg	EPA 6020	EPA 3050B
Zinc	63.6		28.1	mg/kg	EPA 6020	EPA 3050B
Chromium, Hexavalent	600	B	450	ug/kg	EPA 7199	EPA 3060A
Mercury	0.0835	J	0.00671*	mg/kg	EPA 7471A	EPA 7471A Total
TPH as Diesel	3.0	HD,SG,J	1.4*	mg/kg	EPA 8015B (M)	EPA 3550B

* MDL is shown

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Detections Summary

Client:	EKI Environment & Water, Inc. 2355 Main Street, Suite 210 Irvine, CA 92614-4252	Work Order: Project Name: Received:	19-03-0690 Project Condor / B71091.00 03/08/19
Attn:	James Yoon		Page 2 of 5

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
PC-12-0.0-1.0 (19-03-0690-9)						
Moisture	12		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	2.66	J	2.22*	mg/kg	EPA 6020	EPA 3050B
Barium	97.9		5.71	mg/kg	EPA 6020	EPA 3050B
Cadmium	1.25	J	0.685*	mg/kg	EPA 6020	EPA 3050B
Chromium	14.9		11.4	mg/kg	EPA 6020	EPA 3050B
Cobalt	6.01		5.71	mg/kg	EPA 6020	EPA 3050B
Copper	53.6		5.71	mg/kg	EPA 6020	EPA 3050B
Lead	72.1		5.71	mg/kg	EPA 6020	EPA 3050B
Nickel	12.4		5.71	mg/kg	EPA 6020	EPA 3050B
Silver	0.946	J	0.812*	mg/kg	EPA 6020	EPA 3050B
Vanadium	21.7		11.4	mg/kg	EPA 6020	EPA 3050B
Zinc	285		28.6	mg/kg	EPA 6020	EPA 3050B
Chromium, Hexavalent	340	B,J	230*	ug/kg	EPA 7199	EPA 3060A
Mercury	0.0797	J	0.00660*	mg/kg	EPA 7471A	EPA 7471A Total
TPH as Motor Oil	66	HD,SG	29	mg/kg	EPA 8015B (M)	EPA 3550B
TPH as Diesel	33	HD,SG	5.7	mg/kg	EPA 8015B (M)	EPA 3550B
Chlordane	990		57	ug/kg	EPA 8081A	EPA 3540C
4,4'-DDE	28		5.7	ug/kg	EPA 8081A	EPA 3540C
4,4'-DDT	14		5.7	ug/kg	EPA 8081A	EPA 3540C
Dieldrin	53		28	ug/kg	EPA 8081A	EPA 3540C
Heptachlor Epoxide	13		11	ug/kg	EPA 8081A	EPA 3540C
Acetone	130		62	ug/kg	EPA 8260B	EPA 5035
Benzene	0.30	J	0.16*	ug/kg	EPA 8260B	EPA 5035
2-Butanone	10	J	4.7*	ug/kg	EPA 8260B	EPA 5035
Acenaphthene	0.0063	J	0.0052*	mg/kg	EPA 8270C SIM PAHs	EPA 3540C
Phenanthrene	0.037		0.022	mg/kg	EPA 8270C SIM PAHs	EPA 3540C
Anthracene	0.0093	J	0.0077*	mg/kg	EPA 8270C SIM PAHs	EPA 3540C
Fluoranthene	0.042		0.022	mg/kg	EPA 8270C SIM PAHs	EPA 3540C
Pyrene	0.043		0.022	mg/kg	EPA 8270C SIM PAHs	EPA 3540C
Benzo (a) Anthracene	0.029		0.022	mg/kg	EPA 8270C SIM PAHs	EPA 3540C
Chrysene	0.033		0.022	mg/kg	EPA 8270C SIM PAHs	EPA 3540C
Benzo (k) Fluoranthene	0.019	J	0.0062*	mg/kg	EPA 8270C SIM PAHs	EPA 3540C
Benzo (b) Fluoranthene	0.024		0.022	mg/kg	EPA 8270C SIM PAHs	EPA 3540C
Benzo (a) Pyrene	0.029		0.022	mg/kg	EPA 8270C SIM PAHs	EPA 3540C
Indeno (1,2,3-c,d) Pyrene	0.018	J	0.0035*	mg/kg	EPA 8270C SIM PAHs	EPA 3540C
Dibenz (a,h) Anthracene	0.0070	J	0.0043*	mg/kg	EPA 8270C SIM PAHs	EPA 3540C
Benzo (g,h,i) Perylene	0.039		0.022	mg/kg	EPA 8270C SIM PAHs	EPA 3540C

* MDL is shown

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Detections Summary

Client:	EKI Environment & Water, Inc. 2355 Main Street, Suite 210 Irvine, CA 92614-4252	Work Order: Project Name: Received:	19-03-0690 Project Condor / B71091.00 03/08/19
Attn:	James Yoon		

Client SampleID Analyte	Result	Qualifiers	RL	Units	Method	Extraction
PC-12-4.0-5.0 (19-03-0690-10)						
Moisture	12		0.10	%	ASTM D-2216 (M)	N/A
Barium	69.2		5.70	mg/kg	EPA 6020	EPA 3050B
Chromium	11.9		11.4	mg/kg	EPA 6020	EPA 3050B
Cobalt	5.54	J	0.722*	mg/kg	EPA 6020	EPA 3050B
Copper	14.8		5.70	mg/kg	EPA 6020	EPA 3050B
Lead	3.08	J	0.782*	mg/kg	EPA 6020	EPA 3050B
Nickel	7.46		5.70	mg/kg	EPA 6020	EPA 3050B
Vanadium	22.8		11.4	mg/kg	EPA 6020	EPA 3050B
Zinc	35.4		28.5	mg/kg	EPA 6020	EPA 3050B
Chromium, Hexavalent	420	B,J	230*	ug/kg	EPA 7199	EPA 3060A
Mercury	0.0219	J	0.00648*	mg/kg	EPA 7471A	EPA 7471A Total
TPH as Diesel	3.9	HD,SG,J	1.4*	mg/kg	EPA 8015B (M)	EPA 3550B
Acetone	25	J	7.1*	ug/kg	EPA 8260B	EPA 5035
Benzene	0.37	J	0.15*	ug/kg	EPA 8260B	EPA 5035
2-Butanone	4.8	J	4.3*	ug/kg	EPA 8260B	EPA 5035
CON-PC-10X-9-1 (19-03-0690-11)						
Lead	37.2		5.00	mg/kg	EPA 6020	EPA 3050B
CON-PC-11X-3-1 (19-03-0690-12)						
Arsenic	2.29	J	1.95*	mg/kg	EPA 6020	EPA 3050B
Lead	101		5.00	mg/kg	EPA 6020	EPA 3050B
CON-PC-11X-12-2 (19-03-0690-13)						
Arsenic	3.87	J	1.95*	mg/kg	EPA 6020	EPA 3050B
Lead	21.2		5.00	mg/kg	EPA 6020	EPA 3050B
CON-PC-12X-1-1 (19-03-0690-14)						
Lead	45.5		5.00	mg/kg	EPA 6020	EPA 3050B

* MDL is shown

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Detections Summary

Client:	EKI Environment & Water, Inc. 2355 Main Street, Suite 210 Irvine, CA 92614-4252	Work Order: Project Name: Received:	19-03-0690 Project Condor / B71091.00 03/08/19
Attn:	James Yoon		

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
PC-10-0.0-1.0 (19-03-0690-19)						
Moisture	11		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	2.63	J	2.18*	mg/kg	EPA 6020	EPA 3050B
Barium	112		5.60	mg/kg	EPA 6020	EPA 3050B
Chromium	15.6		11.2	mg/kg	EPA 6020	EPA 3050B
Cobalt	7.27		5.60	mg/kg	EPA 6020	EPA 3050B
Copper	21.2		5.60	mg/kg	EPA 6020	EPA 3050B
Lead	22.3		5.60	mg/kg	EPA 6020	EPA 3050B
Nickel	9.96		5.60	mg/kg	EPA 6020	EPA 3050B
Vanadium	27.7		11.2	mg/kg	EPA 6020	EPA 3050B
Zinc	73.5		28.0	mg/kg	EPA 6020	EPA 3050B
Chromium, Hexavalent	390	B,J	220*	ug/kg	EPA 7199	EPA 3060A
Mercury	0.0686	J	0.00626*	mg/kg	EPA 7471A	EPA 7471A Total
TPH as Motor Oil	20	HD,SG,J	6.7*	mg/kg	EPA 8015B (M)	EPA 3550B
TPH as Diesel	10	HD,SG	5.6	mg/kg	EPA 8015B (M)	EPA 3550B
Chlordane	46	J	29*	ug/kg	EPA 8081A	EPA 3540C
4,4'-DDE	8.2		5.5	ug/kg	EPA 8081A	EPA 3540C
4,4'-DDT	4.4	J	2.4*	ug/kg	EPA 8081A	EPA 3540C
Acetone	88	J	6.9*	ug/kg	EPA 8260B	EPA 5030C
2-Butanone	11	J	4.2*	ug/kg	EPA 8260B	EPA 5030C
Chrysene	0.0052	J	0.0049*	mg/kg	EPA 8270C SIM PAHs	EPA 3540C
Benzo (g,h,i) Perylene	0.0048	J	0.0033*	mg/kg	EPA 8270C SIM PAHs	EPA 3540C
PC-10-4.0-5.0 (19-03-0690-24)						
Moisture	11		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	2.42	J	2.19*	mg/kg	EPA 6020	EPA 3050B
Barium	129		5.62	mg/kg	EPA 6020	EPA 3050B
Chromium	21.0		11.2	mg/kg	EPA 6020	EPA 3050B
Cobalt	11.4		5.62	mg/kg	EPA 6020	EPA 3050B
Copper	24.3		5.62	mg/kg	EPA 6020	EPA 3050B
Lead	5.91		5.62	mg/kg	EPA 6020	EPA 3050B
Nickel	13.4		5.62	mg/kg	EPA 6020	EPA 3050B
Vanadium	46.0		11.2	mg/kg	EPA 6020	EPA 3050B
Zinc	57.8		28.1	mg/kg	EPA 6020	EPA 3050B
Chromium, Hexavalent	520	B	450	ug/kg	EPA 7199	EPA 3060A
Mercury	0.0710	J	0.00629*	mg/kg	EPA 7471A	EPA 7471A Total
TPH as Diesel	2.8	HD,SG,J	1.4*	mg/kg	EPA 8015B (M)	EPA 3550B
Acetone	9.1	J	7.0*	ug/kg	EPA 8260B	EPA 5030C

* MDL is shown

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Detections Summary

Client:	EKI Environment & Water, Inc. 2355 Main Street, Suite 210 Irvine, CA 92614-4252	Work Order: Project Name: Received:	19-03-0690 Project Condor / B71091.00 03/08/19
Attn:	James Yoon		Page 5 of 5

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
PC-10-3-9.0-10.0 (19-03-0690-25)						
Moisture	8.7		0.10	%	ASTM D-2216 (M)	N/A
Barium	29.0		5.48	mg/kg	EPA 6020	EPA 3050B
Chromium	3.72	J	0.639*	mg/kg	EPA 6020	EPA 3050B
Cobalt	2.57	J	0.693*	mg/kg	EPA 6020	EPA 3050B
Copper	4.99	J	0.637*	mg/kg	EPA 6020	EPA 3050B
Lead	1.98	J	0.751*	mg/kg	EPA 6020	EPA 3050B
Nickel	2.98	J	0.701*	mg/kg	EPA 6020	EPA 3050B
Vanadium	8.31	J	0.778*	mg/kg	EPA 6020	EPA 3050B
Zinc	11.1	J	4.34*	mg/kg	EPA 6020	EPA 3050B
Mercury	0.0203	J	0.00643*	mg/kg	EPA 7471A	EPA 7471A Total
TPH as Motor Oil	15	HD,SG,J	6.5*	mg/kg	EPA 8015B (M)	EPA 3550B
TPH as Diesel	11	HD,SG	5.4	mg/kg	EPA 8015B (M)	EPA 3550B
Acetone	7.3	J	7.3*	ug/kg	EPA 8260B	EPA 5035

Subcontracted analyses, if any, are not included in this summary.

Return to Contents

* MDL is shown

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3060A
		Method:	EPA 7199
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-11-0.0-1.0	**19-03-0690-4-A**	**03/08/19 00:00**	**Solid**	**IC 11**	**03/12/19**	**03/13/19 17:03**	**190312L01P**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	510	450	220	1.00	B

PC-11-4.0-5.0	**19-03-0690-8-A**	**03/08/19 00:00**	**Solid**	**IC 11**	**03/12/19**	**03/13/19 17:12**	**190312L01P**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	600	450	220	1.00	B

PC-12-0.0-1.0	**19-03-0690-9-A**	**03/08/19 14:45**	**Solid**	**IC 11**	**03/12/19**	**03/13/19 17:21**	**190312L01P**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	340	460	230	1.00	B,J

PC-12-4.0-5.0	**19-03-0690-10-A**	**03/08/19 15:00**	**Solid**	**IC 11**	**03/12/19**	**03/13/19 17:30**	**190312L01P**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	420	460	230	1.00	B,J

PC-10-0.0-1.0	**19-03-0690-19-A**	**03/08/19 00:00**	**Solid**	**IC 11**	**03/12/19**	**03/13/19 17:39**	**190312L01P**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	390	450	220	1.00	B,J

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3060A
		Method:	EPA 7199
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-10-4.0-5.0	**19-03-0690-24-A**	**03/08/19 00:00**	**Solid**	**IC 11**	**03/12/19**	**03/13/19 17:48**	**190312L01P**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	520	450	220	1.00	B

PC-10-3-9.0-10.0	**19-03-0690-25-A**	**03/08/19 10:45**	**Solid**	**IC 11**	**03/12/19**	**03/13/19 17:57**	**190312L01P**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	ND	440	220	1.00	

Method Blank	**099-05-125-3436**	**N/A**	**Solid**	**IC 11**	**03/12/19**	**03/13/19 16:00**	**190312L01P**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	200	400	200	1.00	J

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	N/A
		Method:	ASTM D-2216 (M)
		Units:	%
Project: Project Condor / B71091.00			Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-11-0.0-1.0	**19-03-0690-4-A**	**03/08/19 00:00**	**Solid**	**N/A**	**03/14/19**	**03/14/19 15:30**	**J0314MOIB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	11	0.10	0.10	1.00	

PC-11-4.0-5.0	**19-03-0690-8-A**	**03/08/19 00:00**	**Solid**	**N/A**	**03/14/19**	**03/14/19 15:30**	**J0314MOIB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	11	0.10	0.10	1.00	

PC-12-0.0-1.0	**19-03-0690-9-A**	**03/08/19 14:45**	**Solid**	**N/A**	**03/14/19**	**03/14/19 15:30**	**J0314MOIB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	12	0.10	0.10	1.00	

PC-12-4.0-5.0	**19-03-0690-10-A**	**03/08/19 15:00**	**Solid**	**N/A**	**03/14/19**	**03/14/19 15:30**	**J0314MOIB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	12	0.10	0.10	1.00	

PC-10-0.0-1.0	**19-03-0690-19-A**	**03/08/19 00:00**	**Solid**	**N/A**	**03/14/19**	**03/14/19 15:30**	**J0314MOIB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	11	0.10	0.10	1.00	

PC-10-4.0-5.0	**19-03-0690-24-A**	**03/08/19 00:00**	**Solid**	**N/A**	**03/14/19**	**03/14/19 15:30**	**J0314MOIB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	11	0.10	0.10	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	N/A
		Method:	ASTM D-2216 (M)
		Units:	%
Project: Project Condor / B71091.00			Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-10-3-9.0-10.0	**19-03-0690-25-A**	**03/08/19 10:45**	**Solid**	**N/A**	**03/14/19**	**03/14/19 15:30**	**J0314MOIB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	8.7	0.10	0.10	1.00	

Method Blank	**099-05-014-8348**	**N/A**	**Solid**	**N/A**	**03/14/19**	**03/14/19 15:30**	**J0314MOIB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	ND	0.10	0.10	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-11-0.0-1.0	**19-03-0690-4-A**	**03/08/19 00:00**	**Solid**	**GC 47**	**03/15/19**	**03/20/19 04:00**	**190315B05S**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Motor Oil	ND	28	6.7	1.00	SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	117	61-145	

PC-11-4.0-5.0	**19-03-0690-8-A**	**03/08/19 00:00**	**Solid**	**GC 47**	**03/15/19**	**03/20/19 04:22**	**190315B05S**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Motor Oil	ND	28	6.6	1.00	SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	111	61-145	

PC-12-0.0-1.0	**19-03-0690-9-A**	**03/08/19 14:45**	**Solid**	**GC 47**	**03/15/19**	**03/20/19 04:43**	**190315B05S**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Motor Oil	66	29	6.9	1.00	HD,SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	117	61-145	

PC-12-4.0-5.0	**19-03-0690-10-A**	**03/08/19 15:00**	**Solid**	**GC 47**	**03/15/19**	**03/20/19 05:04**	**190315B05S**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Motor Oil	ND	28	6.8	1.00	SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	125	61-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-10-0.0-1.0	**19-03-0690-19-A**	**03/08/19 00:00**	**Solid**	**GC 47**	**03/15/19**	**03/20/19 05:25**	**190315B05S**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Motor Oil	20	28	6.7	1.00	HD,SG,J

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	123	61-145	

PC-10-4.0-5.0	**19-03-0690-24-A**	**03/08/19 00:00**	**Solid**	**GC 47**	**03/15/19**	**03/20/19 05:46**	**190315B05S**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Motor Oil	ND	27	6.5	1.00	SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	119	61-145	

PC-10-3-9.0-10.0	**19-03-0690-25-C**	**03/08/19 10:45**	**Solid**	**GC 47**	**03/15/19**	**03/20/19 06:07**	**190315B05S**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Motor Oil	15	27	6.5	1.00	HD,SG,J

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	116	61-145	

Method Blank	**099-15-420-3133**	**N/A**	**Solid**	**GC 47**	**03/15/19**	**03/20/19 02:56**	**190315B05S**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Motor Oil	ND	25	6.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	106	61-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-11-0.0-1.0	**19-03-0690-4-A**	**03/08/19 00:00**	**Solid**	**GC 47**	**03/15/19**	**03/20/19 04:00**	**190315B04S**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	4.3	5.6	1.4	1.00	HD,SG,J

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	117	61-145	

PC-11-4.0-5.0	**19-03-0690-8-A**	**03/08/19 00:00**	**Solid**	**GC 47**	**03/15/19**	**03/20/19 04:22**	**190315B04S**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	3.0	5.5	1.4	1.00	HD,SG,J

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	111	61-145	

PC-12-0.0-1.0	**19-03-0690-9-A**	**03/08/19 14:45**	**Solid**	**GC 47**	**03/15/19**	**03/20/19 04:43**	**190315B04S**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	33	5.7	1.4	1.00	HD,SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	117	61-145	

PC-12-4.0-5.0	**19-03-0690-10-A**	**03/08/19 15:00**	**Solid**	**GC 47**	**03/15/19**	**03/20/19 05:04**	**190315B04S**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	3.9	5.6	1.4	1.00	HD,SG,J

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	125	61-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-10-0.0-1.0	**19-03-0690-19-A**	**03/08/19 00:00**	**Solid**	**GC 47**	**03/15/19**	**03/20/19 05:25**	**190315B04S**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	10	5.6	1.4	1.00	HD,SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	123	61-145	

PC-10-4.0-5.0	**19-03-0690-24-A**	**03/08/19 00:00**	**Solid**	**GC 47**	**03/15/19**	**03/20/19 05:46**	**190315B04S**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	2.8	5.5	1.4	1.00	HD,SG,J

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	119	61-145	

PC-10-3-9.0-10.0	**19-03-0690-25-C**	**03/08/19 10:45**	**Solid**	**GC 47**	**03/15/19**	**03/20/19 06:07**	**190315B04S**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	11	5.4	1.4	1.00	HD,SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	116	61-145	

Method Blank	**099-15-422-4158**	**N/A**	**Solid**	**GC 47**	**03/15/19**	**03/20/19 02:56**	**190315B04S**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	106	61-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5035
		Method:	EPA 8015B (M)
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-12-0.0-1.0	**19-03-0690-9-H**	**03/08/19 14:45**	**Solid**	**GC 25**	**03/08/19**	**03/11/19 18:39**	**190311L031**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Gasoline	ND	0.13	0.064	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	79	60-126	

PC-12-4.0-5.0	**19-03-0690-10-H**	**03/08/19 15:00**	**Solid**	**GC 25**	**03/08/19**	**03/11/19 19:12**	**190311L031**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Gasoline	ND	0.10	0.051	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	83	60-126	

PC-10-3-9.0-10.0	**19-03-0690-25-H**	**03/08/19 10:45**	**Solid**	**GC 25**	**03/08/19**	**03/11/19 19:46**	**190311L031**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Gasoline	ND	0.12	0.059	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	79	60-126	

Method Blank	**099-12-285-7069**	**N/A**	**Solid**	**GC 25**	**03/11/19**	**03/11/19 13:38**	**190311L031**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Gasoline	ND	0.10	0.050	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	71	60-126	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-11-0.0-1.0	**19-03-0690-4-A**	**03/08/19 00:00**	**Solid**	**GC 4**	**03/12/19**	**03/14/19 04:22**	**190313L049**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Gasoline	ND	0.55	0.46	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene - FID	70	42-126	

PC-11-4.0-5.0	**19-03-0690-8-A**	**03/08/19 00:00**	**Solid**	**GC 4**	**03/12/19**	**03/14/19 06:03**	**190313L049**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Gasoline	ND	0.56	0.47	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene - FID	68	42-126	

PC-10-0.0-1.0	**19-03-0690-19-A**	**03/08/19 00:00**	**Solid**	**GC 4**	**03/12/19**	**03/14/19 06:37**	**190313L049**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Gasoline	ND	0.55	0.46	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene - FID	59	42-126	

PC-10-4.0-5.0	**19-03-0690-24-A**	**03/08/19 00:00**	**Solid**	**GC 4**	**03/12/19**	**03/14/19 07:11**	**190313L049**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Gasoline	ND	0.57	0.48	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene - FID	64	42-126	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-571-4720**	**N/A**	**Solid**	**GC 4**	**03/13/19**	**03/13/19 12:57**	**190313L049**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Gasoline	ND	0.50	0.42	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene - FID	63	42-126	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3050B
		Method:	EPA 6020
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
CON-PC-10X-9-1	**19-03-0690-11-A**	**03/08/19 13:46**	**Solid**	**ICP/MS 05**	**03/20/19**	**03/22/19 15:03**	**190320L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Arsenic	ND	5.00	1.95	5.00	
Lead	37.2	5.00	0.686	5.00	

CON-PC-11X-3-1	**19-03-0690-12-A**	**03/08/19 15:00**	**Solid**	**ICP/MS 05**	**03/20/19**	**03/22/19 15:06**	**190320L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Arsenic	2.29	5.00	1.95	5.00	J
Lead	101	5.00	0.686	5.00	

CON-PC-11X-12-2	**19-03-0690-13-A**	**03/08/19 15:15**	**Solid**	**ICP/MS 05**	**03/20/19**	**03/22/19 15:09**	**190320L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Arsenic	3.87	5.00	1.95	5.00	J
Lead	21.2	5.00	0.686	5.00	

CON-PC-12X-1-1	**19-03-0690-14-A**	**03/08/19 16:00**	**Solid**	**ICP/MS 05**	**03/20/19**	**03/22/19 15:12**	**190320L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Arsenic	ND	5.00	1.95	5.00	
Lead	45.5	5.00	0.686	5.00	

Method Blank	**099-15-621-1837**	**N/A**	**Solid**	**ICP/MS 05**	**03/20/19**	**03/22/19 02:23**	**190320L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Arsenic	ND	1.00	0.389	1.00	
Lead	ND	1.00	0.137	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3050B
		Method:	EPA 6020
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 1 of 8

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-11-0.0-1.0	**19-03-0690-4-A**	**03/08/19 00:00**	**Solid**	**ICP/MS 05**	**03/20/19**	**03/22/19 02:41**	**190320L01**

Comment(s): - Results are reported on a dry weight basis.

- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	1.70	11.2	0.731	5.00	J
Arsenic	ND	5.61	2.18	5.00	
Barium	143	5.61	0.628	5.00	
Beryllium	ND	5.61	1.15	5.00	
Cadmium	ND	5.61	0.673	5.00	
Chromium	23.9	11.2	0.655	5.00	
Cobalt	12.3	5.61	0.711	5.00	
Copper	25.6	5.61	0.653	5.00	
Lead	6.97	5.61	0.769	5.00	
Molybdenum	4.68	5.61	0.820	5.00	J
Nickel	13.5	5.61	0.718	5.00	
Selenium	ND	5.61	1.48	5.00	
Silver	ND	5.61	0.798	5.00	
Thallium	0.858	5.61	0.589	5.00	J
Vanadium	50.8	11.2	0.798	5.00	
Zinc	61.6	28.1	4.45	5.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3050B
		Method:	EPA 6020
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 2 of 8

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-11-4.0-5.0	**19-03-0690-8-A**	**03/08/19 00:00**	**Solid**	**ICP/MS 05**	**03/20/19**	**03/22/19 14:54**	**190320L01**

Comment(s): - Results are reported on a dry weight basis.

- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	11.2	0.732	5.00	
Arsenic	2.39	5.62	2.19	5.00	J
Barium	144	5.62	0.628	5.00	
Beryllium	ND	5.62	1.15	5.00	
Cadmium	ND	5.62	0.674	5.00	
Chromium	23.4	11.2	0.656	5.00	
Cobalt	13.3	5.62	0.711	5.00	
Copper	26.8	5.62	0.654	5.00	
Lead	6.10	5.62	0.770	5.00	
Molybdenum	ND	5.62	0.821	5.00	
Nickel	15.3	5.62	0.719	5.00	
Selenium	ND	5.62	1.48	5.00	
Silver	ND	5.62	0.799	5.00	
Thallium	ND	5.62	0.589	5.00	
Vanadium	49.4	11.2	0.798	5.00	
Zinc	63.6	28.1	4.46	5.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3050B
		Method:	EPA 6020
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 3 of 8

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-12-0.0-1.0	**19-03-0690-9-A**	**03/08/19 14:45**	**Solid**	**ICP/MS 05**	**03/20/19**	**03/22/19 14:57**	**190320L01**

Comment(s): - Results are reported on a dry weight basis.

- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	11.4	0.745	5.00	
Arsenic	2.66	5.71	2.22	5.00	J
Barium	97.9	5.71	0.639	5.00	
Beryllium	ND	5.71	1.17	5.00	
Cadmium	1.25	5.71	0.685	5.00	J
Chromium	14.9	11.4	0.667	5.00	
Cobalt	6.01	5.71	0.724	5.00	
Copper	53.6	5.71	0.665	5.00	
Lead	72.1	5.71	0.783	5.00	
Molybdenum	ND	5.71	0.835	5.00	
Nickel	12.4	5.71	0.732	5.00	
Selenium	ND	5.71	1.51	5.00	
Silver	0.946	5.71	0.812	5.00	J
Thallium	ND	5.71	0.599	5.00	
Vanadium	21.7	11.4	0.812	5.00	
Zinc	285	28.6	4.53	5.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3050B
		Method:	EPA 6020
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 4 of 8

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-12-4.0-5.0	**19-03-0690-10-A**	**03/08/19 15:00**	**Solid**	**ICP/MS 05**	**03/20/19**	**03/22/19 15:00**	**190320L01**

Comment(s): - Results are reported on a dry weight basis.

- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	11.4	0.743	5.00	
Arsenic	ND	5.70	2.22	5.00	
Barium	69.2	5.70	0.638	5.00	
Beryllium	ND	5.70	1.17	5.00	
Cadmium	ND	5.70	0.684	5.00	
Chromium	11.9	11.4	0.666	5.00	
Cobalt	5.54	5.70	0.722	5.00	J
Copper	14.8	5.70	0.663	5.00	
Lead	3.08	5.70	0.782	5.00	J
Molybdenum	ND	5.70	0.833	5.00	
Nickel	7.46	5.70	0.730	5.00	
Selenium	ND	5.70	1.51	5.00	
Silver	ND	5.70	0.811	5.00	
Thallium	ND	5.70	0.598	5.00	
Vanadium	22.8	11.4	0.810	5.00	
Zinc	35.4	28.5	4.52	5.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3050B
		Method:	EPA 6020
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 5 of 8

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-10-0.0-1.0	**19-03-0690-19-A**	**03/08/19 00:00**	**Solid**	**ICP/MS 05**	**03/20/19**	**03/22/19 15:15**	**190320L01**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	11.2	0.730	5.00	
Arsenic	2.63	5.60	2.18	5.00	J
Barium	112	5.60	0.626	5.00	
Beryllium	ND	5.60	1.15	5.00	
Cadmium	ND	5.60	0.671	5.00	
Chromium	15.6	11.2	0.654	5.00	
Cobalt	7.27	5.60	0.709	5.00	
Copper	21.2	5.60	0.652	5.00	
Lead	22.3	5.60	0.768	5.00	
Molybdenum	ND	5.60	0.818	5.00	
Nickel	9.96	5.60	0.717	5.00	
Selenium	ND	5.60	1.48	5.00	
Silver	ND	5.60	0.796	5.00	
Thallium	ND	5.60	0.587	5.00	
Vanadium	27.7	11.2	0.796	5.00	
Zinc	73.5	28.0	4.44	5.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3050B
		Method:	EPA 6020
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 6 of 8

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-10-4.0-5.0	**19-03-0690-24-A**	**03/08/19 00:00**	**Solid**	**ICP/MS 05**	**03/20/19**	**03/22/19 14:51**	**190320L01**

Comment(s): - Results are reported on a dry weight basis.

- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	11.2	0.733	5.00	
Arsenic	2.42	5.62	2.19	5.00	J
Barium	129	5.62	0.629	5.00	
Beryllium	ND	5.62	1.16	5.00	
Cadmium	ND	5.62	0.674	5.00	
Chromium	21.0	11.2	0.657	5.00	
Cobalt	11.4	5.62	0.712	5.00	
Copper	24.3	5.62	0.655	5.00	
Lead	5.91	5.62	0.771	5.00	
Molybdenum	ND	5.62	0.822	5.00	
Nickel	13.4	5.62	0.720	5.00	
Selenium	ND	5.62	1.48	5.00	
Silver	ND	5.62	0.800	5.00	
Thallium	ND	5.62	0.590	5.00	
Vanadium	46.0	11.2	0.799	5.00	
Zinc	57.8	28.1	4.46	5.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3050B
		Method:	EPA 6020
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 7 of 8

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-10-3-9.0-10.0	**19-03-0690-25-C**	**03/08/19 10:45**	**Solid**	**ICP/MS 05**	**03/20/19**	**03/22/19 15:48**	**190320L01**

Comment(s): - Results are reported on a dry weight basis.

- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	11.0	0.714	5.00	
Arsenic	ND	5.48	2.13	5.00	
Barium	29.0	5.48	0.613	5.00	
Beryllium	ND	5.48	1.12	5.00	
Cadmium	ND	5.48	0.657	5.00	
Chromium	3.72	11.0	0.639	5.00	J
Cobalt	2.57	5.48	0.693	5.00	J
Copper	4.99	5.48	0.637	5.00	J
Lead	1.98	5.48	0.751	5.00	J
Molybdenum	ND	5.48	0.801	5.00	
Nickel	2.98	5.48	0.701	5.00	J
Selenium	ND	5.48	1.45	5.00	
Silver	ND	5.48	0.779	5.00	
Thallium	ND	5.48	0.575	5.00	
Vanadium	8.31	11.0	0.778	5.00	J
Zinc	11.1	27.4	4.34	5.00	J

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3050B
		Method:	EPA 6020
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 8 of 8

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-621-1837**	**N/A**	**Solid**	**ICP/MS 05**	**03/20/19**	**03/22/19 02:23**	**190320L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	2.00	0.130	1.00	
Arsenic	ND	1.00	0.389	1.00	
Barium	ND	1.00	0.112	1.00	
Beryllium	ND	1.00	0.205	1.00	
Cadmium	ND	1.00	0.120	1.00	
Chromium	ND	2.00	0.117	1.00	
Cobalt	ND	1.00	0.127	1.00	
Copper	ND	1.00	0.116	1.00	
Lead	ND	1.00	0.137	1.00	
Molybdenum	ND	1.00	0.146	1.00	
Nickel	ND	1.00	0.128	1.00	
Selenium	ND	1.00	0.264	1.00	
Silver	ND	1.00	0.142	1.00	
Thallium	ND	1.00	0.105	1.00	
Vanadium	ND	2.00	0.142	1.00	
Zinc	ND	5.00	0.793	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 7471A Total
		Method:	EPA 7471A
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-11-0.0-1.0	**19-03-0690-4-A**	**03/08/19 00:00**	**Solid**	**Mercury 08**	**03/21/19**	**03/21/19 18:56**	**190321L03**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.265	0.0891	0.00628	1.00	

PC-11-4.0-5.0	**19-03-0690-8-A**	**03/08/19 00:00**	**Solid**	**Mercury 08**	**03/21/19**	**03/21/19 18:58**	**190321L03**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.0835	0.0952	0.00671	1.00	J

PC-12-0.0-1.0	**19-03-0690-9-A**	**03/08/19 14:45**	**Solid**	**Mercury 08**	**03/21/19**	**03/21/19 19:01**	**190321L03**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.0797	0.0937	0.00660	1.00	J

PC-12-4.0-5.0	**19-03-0690-10-A**	**03/08/19 15:00**	**Solid**	**Mercury 08**	**03/21/19**	**03/21/19 19:03**	**190321L03**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.0219	0.0920	0.00648	1.00	J

PC-10-0.0-1.0	**19-03-0690-19-A**	**03/08/19 00:00**	**Solid**	**Mercury 08**	**03/21/19**	**03/21/19 19:05**	**190321L03**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.0686	0.0889	0.00626	1.00	J

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 7471A Total
		Method:	EPA 7471A
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-10-4.0-5.0	**19-03-0690-24-A**	**03/08/19 00:00**	**Solid**	**Mercury 08**	**03/21/19**	**03/21/19 18:49**	**190321L03**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.0710	0.0893	0.00629	1.00	J

PC-10-3-9.0-10.0	**19-03-0690-25-C**	**03/08/19 10:45**	**Solid**	**Mercury 08**	**03/21/19**	**03/21/19 19:12**	**190321L03**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.0203	0.0913	0.00643	1.00	J

Method Blank	**099-16-272-4486**	**N/A**	**Solid**	**Mercury 08**	**03/21/19**	**03/21/19 18:45**	**190321L03**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.0820	0.00578	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3540C
		Method:	EPA 8081A
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 1 of 9

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-11-0.0-1.0	**19-03-0690-4-A**	**03/08/19 00:00**	**Solid**	**GC 51**	**03/12/19**	**03/14/19 09:28**	**190312L12**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aldrin	ND	5.6	2.4	1.00	
Alpha-BHC	ND	11	4.1	1.00	
Beta-BHC	ND	5.6	2.8	1.00	
Chlordane	ND	56	29	1.00	
4,4'-DDD	ND	5.6	2.6	1.00	
4,4'-DDE	ND	5.6	2.5	1.00	
4,4'-DDT	ND	5.6	2.4	1.00	
Delta-BHC	ND	11	4.9	1.00	
Dieldrin	ND	5.6	2.4	1.00	
Endosulfan I	ND	5.6	2.2	1.00	
Endosulfan II	ND	5.6	2.6	1.00	
Endosulfan Sulfate	ND	5.6	2.9	1.00	
Endrin	ND	5.6	2.6	1.00	
Endrin Aldehyde	ND	5.6	3.4	1.00	
Endrin Ketone	ND	5.6	2.8	1.00	
Gamma-BHC	ND	5.6	2.5	1.00	
Heptachlor	ND	5.6	2.4	1.00	
Heptachlor Epoxide	ND	11	4.1	1.00	
Methoxychlor	ND	5.6	3.0	1.00	
Toxaphene	ND	110	50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	91	24-168	
2,4,5,6-Tetrachloro-m-Xylene	82	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3540C
		Method:	EPA 8081A
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 2 of 9

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-11-4.0-5.0	**19-03-0690-8-A**	**03/08/19 00:00**	**Solid**	**GC 51**	**03/12/19**	**03/14/19 09:43**	**190312L12**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aldrin	ND	5.6	2.4	1.00	
Alpha-BHC	ND	11	4.1	1.00	
Beta-BHC	ND	5.6	2.8	1.00	
Chlordane	ND	56	29	1.00	
4,4'-DDD	ND	5.6	2.6	1.00	
4,4'-DDE	ND	5.6	2.5	1.00	
4,4'-DDT	ND	5.6	2.4	1.00	
Delta-BHC	ND	11	4.9	1.00	
Dieldrin	ND	5.6	2.4	1.00	
Endosulfan I	ND	5.6	2.2	1.00	
Endosulfan II	ND	5.6	2.6	1.00	
Endosulfan Sulfate	ND	5.6	2.9	1.00	
Endrin	ND	5.6	2.6	1.00	
Endrin Aldehyde	ND	5.6	3.4	1.00	
Endrin Ketone	ND	5.6	2.8	1.00	
Gamma-BHC	ND	5.6	2.5	1.00	
Heptachlor	ND	5.6	2.4	1.00	
Heptachlor Epoxide	ND	11	4.1	1.00	
Methoxychlor	ND	5.6	3.0	1.00	
Toxaphene	ND	110	50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	85	24-168	
2,4,5,6-Tetrachloro-m-Xylene	84	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3540C
		Method:	EPA 8081A
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 3 of 9

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-12-0.0-1.0	**19-03-0690-9-A**	**03/08/19 14:45**	**Solid**	**GC 51**	**03/12/19**	**03/14/19 09:57**	**190312L12**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aldrin	ND	5.7	2.5	1.00	
Alpha-BHC	ND	11	4.2	1.00	
Beta-BHC	ND	5.7	2.8	1.00	
Chlordane	990	57	30	1.00	
4,4'-DDD	ND	5.7	2.7	1.00	
4,4'-DDE	28	5.7	2.5	1.00	
4,4'-DDT	14	5.7	2.5	1.00	
Delta-BHC	ND	11	5.0	1.00	
Endosulfan I	ND	5.7	2.2	1.00	
Endosulfan II	ND	5.7	2.7	1.00	
Endosulfan Sulfate	ND	5.7	3.0	1.00	
Endrin	ND	5.7	2.7	1.00	
Endrin Aldehyde	ND	5.7	3.4	1.00	
Endrin Ketone	ND	5.7	2.8	1.00	
Gamma-BHC	ND	5.7	2.5	1.00	
Heptachlor	ND	5.7	2.4	1.00	
Heptachlor Epoxide	13	11	4.2	1.00	
Methoxychlor	ND	5.7	3.1	1.00	
Toxaphene	ND	110	51	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	94	24-168	
2,4,5,6-Tetrachloro-m-Xylene	87	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3540C
		Method:	EPA 8081A
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 4 of 9

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-12-0.0-1.0	**19-03-0690-9-A**	**03/08/19 14:45**	**Solid**	**GC 51**	**03/12/19**	**03/14/19 14:37**	**190312L12**

Comment(s): - Results are reported on a dry weight basis.

- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Dieldrin	53	28	12	5.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	80	24-168	
2,4,5,6-Tetrachloro-m-Xylene	96	25-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3540C
		Method:	EPA 8081A
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 5 of 9

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-12-4.0-5.0	**19-03-0690-10-A**	**03/08/19 15:00**	**Solid**	**GC 51**	**03/12/19**	**03/14/19 11:32**	**190312L12**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aldrin	ND	5.7	2.5	1.00	
Alpha-BHC	ND	11	4.2	1.00	
Beta-BHC	ND	5.7	2.8	1.00	
Chlordane	ND	57	30	1.00	
4,4'-DDD	ND	5.7	2.7	1.00	
4,4'-DDE	ND	5.7	2.5	1.00	
4,4'-DDT	ND	5.7	2.5	1.00	
Delta-BHC	ND	11	5.0	1.00	
Dieldrin	ND	5.7	2.5	1.00	
Endosulfan I	ND	5.7	2.3	1.00	
Endosulfan II	ND	5.7	2.7	1.00	
Endosulfan Sulfate	ND	5.7	3.0	1.00	
Endrin	ND	5.7	2.7	1.00	
Endrin Aldehyde	ND	5.7	3.4	1.00	
Endrin Ketone	ND	5.7	2.9	1.00	
Gamma-BHC	ND	5.7	2.5	1.00	
Heptachlor	ND	5.7	2.5	1.00	
Heptachlor Epoxide	ND	11	4.2	1.00	
Methoxychlor	ND	5.7	3.1	1.00	
Toxaphene	ND	110	51	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	93	24-168	
2,4,5,6-Tetrachloro-m-Xylene	96	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3540C
		Method:	EPA 8081A
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 6 of 9

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-10-0.0-1.0	**19-03-0690-19-A**	**03/08/19 00:00**	**Solid**	**GC 51**	**03/12/19**	**03/15/19 14:12**	**190312L12**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aldrin	ND	5.5	2.4	1.00	
Alpha-BHC	ND	11	4.1	1.00	
Beta-BHC	ND	5.5	2.7	1.00	
Chlordane	46	55	29	1.00	J
4,4'-DDD	ND	5.5	2.6	1.00	
4,4'-DDE	8.2	5.5	2.5	1.00	
4,4'-DDT	4.4	5.5	2.4	1.00	J
Delta-BHC	ND	11	4.8	1.00	
Dieldrin	ND	5.5	2.4	1.00	
Endosulfan I	ND	5.5	2.2	1.00	
Endosulfan II	ND	5.5	2.6	1.00	
Endosulfan Sulfate	ND	5.5	2.9	1.00	
Endrin	ND	5.5	2.6	1.00	
Endrin Aldehyde	ND	5.5	3.3	1.00	
Endrin Ketone	ND	5.5	2.8	1.00	
Gamma-BHC	ND	5.5	2.5	1.00	
Heptachlor	ND	5.5	2.4	1.00	
Heptachlor Epoxide	ND	11	4.1	1.00	
Methoxychlor	ND	5.5	3.0	1.00	
Toxaphene	ND	110	50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	103	24-168	
2,4,5,6-Tetrachloro-m-Xylene	100	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3540C
		Method:	EPA 8081A
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 7 of 9

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-10-4.0-5.0	**19-03-0690-24-A**	**03/08/19 00:00**	**Solid**	**GC 51**	**03/12/19**	**03/14/19 12:01**	**190312L12**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aldrin	ND	5.6	2.4	1.00	
Alpha-BHC	ND	11	4.1	1.00	
Beta-BHC	ND	5.6	2.8	1.00	
Chlordane	ND	56	29	1.00	
4,4'-DDD	ND	5.6	2.6	1.00	
4,4'-DDE	ND	5.6	2.5	1.00	
4,4'-DDT	ND	5.6	2.4	1.00	
Delta-BHC	ND	11	4.9	1.00	
Dieldrin	ND	5.6	2.4	1.00	
Endosulfan I	ND	5.6	2.2	1.00	
Endosulfan II	ND	5.6	2.6	1.00	
Endosulfan Sulfate	ND	5.6	2.9	1.00	
Endrin	ND	5.6	2.6	1.00	
Endrin Aldehyde	ND	5.6	3.4	1.00	
Endrin Ketone	ND	5.6	2.8	1.00	
Gamma-BHC	ND	5.6	2.5	1.00	
Heptachlor	ND	5.6	2.4	1.00	
Heptachlor Epoxide	ND	11	4.1	1.00	
Methoxychlor	ND	5.6	3.0	1.00	
Toxaphene	ND	110	50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	96	24-168	
2,4,5,6-Tetrachloro-m-Xylene	95	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3540C
		Method:	EPA 8081A
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 8 of 9

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-10-3-9.0-10.0	**19-03-0690-25-C**	**03/08/19 10:45**	**Solid**	**GC 51**	**03/12/19**	**03/14/19 12:15**	**190312L12**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aldrin	ND	5.5	2.4	1.00	
Alpha-BHC	ND	11	4.1	1.00	
Beta-BHC	ND	5.5	2.7	1.00	
Chlordane	ND	55	29	1.00	
4,4'-DDD	ND	5.5	2.6	1.00	
4,4'-DDE	ND	5.5	2.4	1.00	
4,4'-DDT	ND	5.5	2.4	1.00	
Delta-BHC	ND	11	4.8	1.00	
Dieldrin	ND	5.5	2.4	1.00	
Endosulfan I	ND	5.5	2.2	1.00	
Endosulfan II	ND	5.5	2.6	1.00	
Endosulfan Sulfate	ND	5.5	2.9	1.00	
Endrin	ND	5.5	2.6	1.00	
Endrin Aldehyde	ND	5.5	3.3	1.00	
Endrin Ketone	ND	5.5	2.8	1.00	
Gamma-BHC	ND	5.5	2.4	1.00	
Heptachlor	ND	5.5	2.4	1.00	
Heptachlor Epoxide	ND	11	4.0	1.00	
Methoxychlor	ND	5.5	3.0	1.00	
Toxaphene	ND	110	49	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	97	24-168	
2,4,5,6-Tetrachloro-m-Xylene	98	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3540C
		Method:	EPA 8081A
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 9 of 9

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-537-3117**	**N/A**	**Solid**	**GC 51**	**03/12/19**	**03/14/19 05:55**	**190312L12**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aldrin	ND	5.0	2.2	1.00	
Alpha-BHC	ND	10	3.7	1.00	
Beta-BHC	ND	5.0	2.5	1.00	
Chlordane	ND	50	26	1.00	
4,4'-DDD	ND	5.0	2.4	1.00	
4,4'-DDE	ND	5.0	2.2	1.00	
4,4'-DDT	ND	5.0	2.2	1.00	
Delta-BHC	ND	10	4.4	1.00	
Dieldrin	ND	5.0	2.2	1.00	
Endosulfan I	ND	5.0	2.0	1.00	
Endosulfan II	ND	5.0	2.4	1.00	
Endosulfan Sulfate	ND	5.0	2.6	1.00	
Endrin	ND	5.0	2.4	1.00	
Endrin Aldehyde	ND	5.0	3.0	1.00	
Endrin Ketone	ND	5.0	2.5	1.00	
Gamma-BHC	ND	5.0	2.2	1.00	
Heptachlor	ND	5.0	2.2	1.00	
Heptachlor Epoxide	ND	10	3.7	1.00	
Methoxychlor	ND	5.0	2.7	1.00	
Toxaphene	ND	100	45	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	96	24-168	
2,4,5,6-Tetrachloro-m-Xylene	85	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3540C
		Method:	EPA 8082
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 1 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-11-0.0-1.0	**19-03-0690-4-A**	**03/08/19 00:00**	**Solid**	**GC 58**	**03/12/19**	**03/14/19 01:56**	**190312L13**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	56	23	1.00	
Aroclor-1221	ND	56	47	1.00	
Aroclor-1232	ND	56	28	1.00	
Aroclor-1242	ND	56	41	1.00	
Aroclor-1248	ND	56	36	1.00	
Aroclor-1254	ND	56	35	1.00	
Aroclor-1260	ND	56	34	1.00	
Aroclor-1262	ND	56	39	1.00	
Aroclor-1268	ND	56	37	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	103	24-168	
2,4,5,6-Tetrachloro-m-Xylene	110	25-145	

PC-11-4.0-5.0	**19-03-0690-8-A**	**03/08/19 00:00**	**Solid**	**GC 58**	**03/12/19**	**03/14/19 02:14**	**190312L13**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	56	23	1.00	
Aroclor-1221	ND	56	47	1.00	
Aroclor-1232	ND	56	28	1.00	
Aroclor-1242	ND	56	41	1.00	
Aroclor-1248	ND	56	35	1.00	
Aroclor-1254	ND	56	35	1.00	
Aroclor-1260	ND	56	34	1.00	
Aroclor-1262	ND	56	39	1.00	
Aroclor-1268	ND	56	37	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	104	24-168	
2,4,5,6-Tetrachloro-m-Xylene	116	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3540C
		Method:	EPA 8082
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 2 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-12-0.0-1.0	**19-03-0690-9-A**	**03/08/19 14:45**	**Solid**	**GC 58**	**03/12/19**	**03/14/19 02:32**	**190312L13**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	57	24	1.00	
Aroclor-1221	ND	57	48	1.00	
Aroclor-1232	ND	57	28	1.00	
Aroclor-1242	ND	57	42	1.00	
Aroclor-1248	ND	57	36	1.00	
Aroclor-1254	ND	57	36	1.00	
Aroclor-1260	ND	57	34	1.00	
Aroclor-1262	ND	57	39	1.00	
Aroclor-1268	ND	57	38	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	100	24-168	
2,4,5,6-Tetrachloro-m-Xylene	103	25-145	

PC-12-4.0-5.0	**19-03-0690-10-A**	**03/08/19 15:00**	**Solid**	**GC 58**	**03/12/19**	**03/14/19 02:50**	**190312L13**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	57	24	1.00	
Aroclor-1221	ND	57	48	1.00	
Aroclor-1232	ND	57	29	1.00	
Aroclor-1242	ND	57	42	1.00	
Aroclor-1248	ND	57	36	1.00	
Aroclor-1254	ND	57	36	1.00	
Aroclor-1260	ND	57	35	1.00	
Aroclor-1262	ND	57	39	1.00	
Aroclor-1268	ND	57	38	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	102	24-168	
2,4,5,6-Tetrachloro-m-Xylene	106	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3540C
		Method:	EPA 8082
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 3 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-10-0.0-1.0	**19-03-0690-19-A**	**03/08/19 00:00**	**Solid**	**GC 58**	**03/12/19**	**03/14/19 03:08**	**190312L13**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	55	23	1.00	
Aroclor-1221	ND	55	47	1.00	
Aroclor-1232	ND	55	28	1.00	
Aroclor-1242	ND	55	41	1.00	
Aroclor-1248	ND	55	35	1.00	
Aroclor-1254	ND	55	35	1.00	
Aroclor-1260	ND	55	34	1.00	
Aroclor-1262	ND	55	38	1.00	
Aroclor-1268	ND	55	37	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	103	24-168	
2,4,5,6-Tetrachloro-m-Xylene	112	25-145	

PC-10-4.0-5.0	**19-03-0690-24-A**	**03/08/19 00:00**	**Solid**	**GC 58**	**03/12/19**	**03/14/19 03:26**	**190312L13**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	56	23	1.00	
Aroclor-1221	ND	56	47	1.00	
Aroclor-1232	ND	56	28	1.00	
Aroclor-1242	ND	56	41	1.00	
Aroclor-1248	ND	56	36	1.00	
Aroclor-1254	ND	56	35	1.00	
Aroclor-1260	ND	56	34	1.00	
Aroclor-1262	ND	56	39	1.00	
Aroclor-1268	ND	56	37	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	107	24-168	
2,4,5,6-Tetrachloro-m-Xylene	111	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3540C
		Method:	EPA 8082
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 4 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-10-3-9.0-10.0	**19-03-0690-25-A**	**03/08/19 10:45**	**Solid**	**GC 58**	**03/12/19**	**03/14/19 03:44**	**190312L13**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	55	23	1.00	
Aroclor-1221	ND	55	46	1.00	
Aroclor-1232	ND	55	28	1.00	
Aroclor-1242	ND	55	41	1.00	
Aroclor-1248	ND	55	35	1.00	
Aroclor-1254	ND	55	35	1.00	
Aroclor-1260	ND	55	33	1.00	
Aroclor-1262	ND	55	38	1.00	
Aroclor-1268	ND	55	37	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	105	24-168	
2,4,5,6-Tetrachloro-m-Xylene	109	25-145	

Method Blank	**099-12-535-5124**	**N/A**	**Solid**	**GC 58**	**03/12/19**	**03/14/19 00:44**	**190312L13**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	109	24-168	
2,4,5,6-Tetrachloro-m-Xylene	113	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3545
		Method:	EPA 8141A
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 1 of 8

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-11-0.0-1.0	**19-03-0690-4-A**	**03/08/19 00:00**	**Solid**	**GC 68**	**03/12/19**	**03/15/19 15:16**	**190312L09**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Demeton-o/s	ND	0.56	0.32	1.00	
Azinphos Methyl	ND	0.56	0.25	1.00	
Bolstar	ND	0.56	0.20	1.00	
Chlorpyrifos	ND	0.56	0.19	1.00	
Coumaphos	ND	0.56	0.17	1.00	
Diazinon	ND	0.56	0.18	1.00	
Dichlorvos	ND	0.56	0.31	1.00	
Disulfoton	ND	0.56	0.17	1.00	
Ethoprop	ND	0.56	0.19	1.00	
Fensulfothion	ND	0.56	0.20	1.00	
Fenthion	ND	0.56	0.21	1.00	
Merphos	ND	0.56	0.22	1.00	
Methyl Parathion	ND	0.56	0.24	1.00	
Mevinphos	ND	0.56	0.27	1.00	
Naled	ND	4.5	1.9	1.00	
Phorate	ND	0.56	0.25	1.00	
Ronnel	ND	0.56	0.17	1.00	
Stirophos	ND	2.2	0.67	1.00	
Tokuthion	ND	0.56	0.19	1.00	
Trichloronate	ND	0.56	0.17	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Tributylphosphate	79	20-154	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3545
		Method:	EPA 8141A
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 2 of 8

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-11-4.0-5.0	**19-03-0690-8-A**	**03/08/19 00:00**	**Solid**	**GC 68**	**03/12/19**	**03/15/19 16:02**	**190312L09**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Demeton-o/s	ND	0.56	0.32	1.00	
Azinphos Methyl	ND	0.56	0.25	1.00	
Bolstar	ND	0.56	0.20	1.00	
Chlorpyrifos	ND	0.56	0.18	1.00	
Coumaphos	ND	0.56	0.17	1.00	
Diazinon	ND	0.56	0.18	1.00	
Dichlorvos	ND	0.56	0.31	1.00	
Disulfoton	ND	0.56	0.17	1.00	
Ethoprop	ND	0.56	0.18	1.00	
Fensulfothion	ND	0.56	0.20	1.00	
Fenthion	ND	0.56	0.21	1.00	
Merphos	ND	0.56	0.21	1.00	
Methyl Parathion	ND	0.56	0.24	1.00	
Mevinphos	ND	0.56	0.27	1.00	
Naled	ND	4.4	1.9	1.00	
Phorate	ND	0.56	0.25	1.00	
Ronnel	ND	0.56	0.17	1.00	
Stirophos	ND	2.2	0.66	1.00	
Tokuthion	ND	0.56	0.19	1.00	
Trichloronate	ND	0.56	0.17	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Tributylphosphate	80	20-154	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3545
		Method:	EPA 8141A
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 3 of 8

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-12-0.0-1.0	**19-03-0690-9-A**	**03/08/19 14:45**	**Solid**	**GC 68**	**03/12/19**	**03/15/19 16:50**	**190312L09**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Demeton-o/s	ND	0.57	0.32	1.00	
Azinphos Methyl	ND	0.57	0.26	1.00	
Bolstar	ND	0.57	0.20	1.00	
Chlorpyrifos	ND	0.57	0.19	1.00	
Coumaphos	ND	0.57	0.17	1.00	
Diazinon	ND	0.57	0.18	1.00	
Dichlorvos	ND	0.57	0.31	1.00	
Disulfoton	ND	0.57	0.17	1.00	
Ethoprop	ND	0.57	0.19	1.00	
Fensulfothion	ND	0.57	0.20	1.00	
Fenthion	ND	0.57	0.21	1.00	
Merphos	ND	0.57	0.22	1.00	
Methyl Parathion	ND	0.57	0.24	1.00	
Mevinphos	ND	0.57	0.27	1.00	
Naled	ND	4.5	2.0	1.00	
Phorate	ND	0.57	0.25	1.00	
Ronnel	ND	0.57	0.18	1.00	
Stirophos	ND	2.3	0.68	1.00	
Tokuthion	ND	0.57	0.19	1.00	
Trichloronate	ND	0.57	0.17	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Tributylphosphate	86	20-154	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3545
		Method:	EPA 8141A
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 4 of 8

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-12-4.0-5.0	**19-03-0690-10-A**	**03/08/19 15:00**	**Solid**	**GC 68**	**03/12/19**	**03/15/19 18:26**	**190312L09**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Demeton-o/s	ND	0.56	0.32	1.00	
Azinphos Methyl	ND	0.56	0.25	1.00	
Bolstar	ND	0.56	0.20	1.00	
Chlorpyrifos	ND	0.56	0.19	1.00	
Coumaphos	ND	0.56	0.17	1.00	
Diazinon	ND	0.56	0.18	1.00	
Dichlorvos	ND	0.56	0.31	1.00	
Disulfoton	ND	0.56	0.17	1.00	
Ethoprop	ND	0.56	0.19	1.00	
Fensulfothion	ND	0.56	0.20	1.00	
Fenthion	ND	0.56	0.21	1.00	
Merphos	ND	0.56	0.22	1.00	
Methyl Parathion	ND	0.56	0.24	1.00	
Mevinphos	ND	0.56	0.27	1.00	
Naled	ND	4.5	1.9	1.00	
Phorate	ND	0.56	0.25	1.00	
Ronnel	ND	0.56	0.18	1.00	
Stirophos	ND	2.3	0.67	1.00	
Tokuthion	ND	0.56	0.19	1.00	
Trichloronate	ND	0.56	0.17	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Tributylphosphate	77	20-154	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3545
		Method:	EPA 8141A
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 5 of 8

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-10-0.0-1.0	**19-03-0690-19-A**	**03/08/19 00:00**	**Solid**	**GC 68**	**03/12/19**	**03/15/19 19:13**	**190312L09**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Demeton-o/s	ND	0.56	0.32	1.00	
Azinphos Methyl	ND	0.56	0.25	1.00	
Bolstar	ND	0.56	0.20	1.00	
Chlorpyrifos	ND	0.56	0.19	1.00	
Coumaphos	ND	0.56	0.17	1.00	
Diazinon	ND	0.56	0.18	1.00	
Dichlorvos	ND	0.56	0.31	1.00	
Disulfoton	ND	0.56	0.17	1.00	
Ethoprop	ND	0.56	0.19	1.00	
Fensulfothion	ND	0.56	0.20	1.00	
Fenthion	ND	0.56	0.21	1.00	
Merphos	ND	0.56	0.21	1.00	
Methyl Parathion	ND	0.56	0.24	1.00	
Mevinphos	ND	0.56	0.27	1.00	
Naled	ND	4.5	1.9	1.00	
Phorate	ND	0.56	0.25	1.00	
Ronnel	ND	0.56	0.17	1.00	
Stirophos	ND	2.2	0.67	1.00	
Tokuthion	ND	0.56	0.19	1.00	
Trichloronate	ND	0.56	0.17	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Tributylphosphate	89	20-154	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3545
		Method:	EPA 8141A
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 6 of 8

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-10-4.0-5.0	**19-03-0690-24-A**	**03/08/19 00:00**	**Solid**	**GC 68**	**03/12/19**	**03/15/19 20:01**	**190312L09**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Demeton-o/s	ND	0.56	0.32	1.00	
Azinphos Methyl	ND	0.56	0.25	1.00	
Bolstar	ND	0.56	0.20	1.00	
Chlorpyrifos	ND	0.56	0.19	1.00	
Coumaphos	ND	0.56	0.17	1.00	
Diazinon	ND	0.56	0.18	1.00	
Dichlorvos	ND	0.56	0.31	1.00	
Disulfoton	ND	0.56	0.17	1.00	
Ethoprop	ND	0.56	0.18	1.00	
Fensulfothion	ND	0.56	0.20	1.00	
Fenthion	ND	0.56	0.21	1.00	
Merphos	ND	0.56	0.21	1.00	
Methyl Parathion	ND	0.56	0.24	1.00	
Mevinphos	ND	0.56	0.27	1.00	
Naled	ND	4.5	1.9	1.00	
Phorate	ND	0.56	0.25	1.00	
Ronnel	ND	0.56	0.17	1.00	
Stirophos	ND	2.2	0.67	1.00	
Tokuthion	ND	0.56	0.19	1.00	
Trichloronate	ND	0.56	0.17	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Tributylphosphate	88	20-154	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3545
		Method:	EPA 8141A
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 7 of 8

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-10-3-9.0-10.0	**19-03-0690-25-A**	**03/08/19 10:45**	**Solid**	**GC 68**	**03/12/19**	**03/15/19 20:49**	**190312L09**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Demeton-o/s	ND	0.54	0.31	1.00	
Azinphos Methyl	ND	0.54	0.24	1.00	
Bolstar	ND	0.54	0.19	1.00	
Chlorpyrifos	ND	0.54	0.18	1.00	
Coumaphos	ND	0.54	0.16	1.00	
Diazinon	ND	0.54	0.17	1.00	
Dichlorvos	ND	0.54	0.30	1.00	
Disulfoton	ND	0.54	0.17	1.00	
Ethoprop	ND	0.54	0.18	1.00	
Fensulfothion	ND	0.54	0.20	1.00	
Fenthion	ND	0.54	0.20	1.00	
Merphos	ND	0.54	0.21	1.00	
Methyl Parathion	ND	0.54	0.23	1.00	
Mevinphos	ND	0.54	0.26	1.00	
Naled	ND	4.3	1.9	1.00	
Phorate	ND	0.54	0.24	1.00	
Ronnel	ND	0.54	0.17	1.00	
Stirophos	ND	2.2	0.65	1.00	
Tokuthion	ND	0.54	0.18	1.00	
Trichloronate	ND	0.54	0.16	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Tributylphosphate	79	20-154	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3545
		Method:	EPA 8141A
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 8 of 8

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-973-418**	**N/A**	**Solid**	**GC 68**	**03/12/19**	**03/14/19 18:26**	**190312L09**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Demeton-o/s	ND	0.50	0.29	1.00	
Azinphos Methyl	ND	0.50	0.23	1.00	
Bolstar	ND	0.50	0.18	1.00	
Chlorpyrifos	ND	0.50	0.17	1.00	
Coumaphos	ND	0.50	0.15	1.00	
Diazinon	ND	0.50	0.16	1.00	
Dichlorvos	ND	0.50	0.28	1.00	
Disulfoton	ND	0.50	0.15	1.00	
Ethoprop	ND	0.50	0.17	1.00	
Fensulfothion	ND	0.50	0.18	1.00	
Fenthion	ND	0.50	0.19	1.00	
Merphos	ND	0.50	0.19	1.00	
Methyl Parathion	ND	0.50	0.21	1.00	
Mevinphos	ND	0.50	0.24	1.00	
Naled	ND	4.0	1.7	1.00	
Phorate	ND	0.50	0.22	1.00	
Ronnel	ND	0.50	0.16	1.00	
Stirophos	ND	2.0	0.60	1.00	
Tokuthion	ND	0.50	0.17	1.00	
Trichloronate	ND	0.50	0.15	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Tributylphosphate	88	20-154	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 8151A
		Method:	EPA 8151A
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 1 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-11-0.0-1.0	**19-03-0690-4-A**	**03/08/19 00:00**	**Solid**	**GC 40**	**03/12/19**	**03/18/19 12:05**	**190312L17**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Dalapon	ND	280	82	1.00	
Dicamba	ND	11	1.4	1.00	
MCPP	ND	11000	3500	1.00	
MCPA	ND	11000	2300	1.00	
Dichlorprop	ND	110	19	1.00	
2,4-D	ND	110	16	1.00	
2,4,5-TP (Silvex)	ND	11	2.6	1.00	
2,4,5-T	ND	11	1.3	1.00	
2,4-DB	ND	110	18	1.00	
Dinoseb	ND	56	5.7	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
2,4-Dichlorophenylacetic acid	65	44-146	

PC-11-4.0-5.0	**19-03-0690-8-A**	**03/08/19 00:00**	**Solid**	**GC 40**	**03/12/19**	**03/18/19 12:28**	**190312L17**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Dalapon	ND	280	81	1.00	
Dicamba	ND	11	1.4	1.00	
MCPP	ND	11000	3500	1.00	
MCPA	ND	11000	2300	1.00	
Dichlorprop	ND	110	19	1.00	
2,4-D	ND	110	16	1.00	
2,4,5-TP (Silvex)	ND	11	2.6	1.00	
2,4,5-T	ND	11	1.3	1.00	
2,4-DB	ND	110	18	1.00	
Dinoseb	ND	56	5.7	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
2,4-Dichlorophenylacetic acid	60	44-146	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 8151A
		Method:	EPA 8151A
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 2 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-12-0.0-1.0	**19-03-0690-9-A**	**03/08/19 14:45**	**Solid**	**GC 40**	**03/12/19**	**03/18/19 12:51**	**190312L17**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Dalapon	ND	280	82	1.00	
Dicamba	ND	11	1.4	1.00	
MCPP	ND	11000	3600	1.00	
MCPA	ND	11000	2300	1.00	
Dichlorprop	ND	110	19	1.00	
2,4-D	ND	110	16	1.00	
2,4,5-TP (Silvex)	ND	11	2.7	1.00	
2,4,5-T	ND	11	1.3	1.00	
2,4-DB	ND	110	18	1.00	
Dinoseb	ND	57	5.8	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
2,4-Dichlorophenylacetic acid	96	44-146	

PC-12-4.0-5.0	**19-03-0690-10-A**	**03/08/19 15:00**	**Solid**	**GC 40**	**03/12/19**	**03/18/19 13:14**	**190312L17**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Dalapon	ND	280	82	1.00	
Dicamba	ND	11	1.4	1.00	
MCPP	ND	11000	3600	1.00	
MCPA	ND	11000	2300	1.00	
Dichlorprop	ND	110	19	1.00	
2,4-D	ND	110	16	1.00	
2,4,5-TP (Silvex)	ND	11	2.7	1.00	
2,4,5-T	ND	11	1.3	1.00	
2,4-DB	ND	110	18	1.00	
Dinoseb	ND	57	5.8	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
2,4-Dichlorophenylacetic acid	76	44-146	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 8151A
		Method:	EPA 8151A
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 3 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-10-0.0-1.0	**19-03-0690-19-A**	**03/08/19 00:00**	**Solid**	**GC 40**	**03/12/19**	**03/18/19 13:37**	**190312L17**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Dalapon	ND	280	81	1.00	
Dicamba	ND	11	1.4	1.00	
MCPP	ND	11000	3500	1.00	
MCPA	ND	11000	2300	1.00	
Dichlorprop	ND	110	19	1.00	
2,4-D	ND	110	16	1.00	
2,4,5-TP (Silvex)	ND	11	2.6	1.00	
2,4,5-T	ND	11	1.3	1.00	
2,4-DB	ND	110	18	1.00	
Dinoseb	ND	56	5.7	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
2,4-Dichlorophenylacetic acid	68	44-146	

PC-10-4.0-5.0	**19-03-0690-24-A**	**03/08/19 00:00**	**Solid**	**GC 40**	**03/12/19**	**03/18/19 14:00**	**190312L17**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Dalapon	ND	280	82	1.00	
Dicamba	ND	11	1.4	1.00	
MCPP	ND	11000	3600	1.00	
MCPA	ND	11000	2300	1.00	
Dichlorprop	ND	110	19	1.00	
2,4-D	ND	110	16	1.00	
2,4,5-TP (Silvex)	ND	11	2.6	1.00	
2,4,5-T	ND	11	1.3	1.00	
2,4-DB	ND	110	18	1.00	
Dinoseb	ND	56	5.7	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
2,4-Dichlorophenylacetic acid	99	44-146	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 8151A
		Method:	EPA 8151A
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 4 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-10-3-9.0-10.0	**19-03-0690-25-A**	**03/08/19 10:45**	**Solid**	**GC 40**	**03/12/19**	**03/18/19 14:23**	**190312L17**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Dalapon	ND	270	79	1.00	
Dicamba	ND	11	1.3	1.00	
MCPP	ND	11000	3400	1.00	
MCPA	ND	11000	2200	1.00	
Dichlorprop	ND	110	18	1.00	
2,4-D	ND	110	15	1.00	
2,4,5-TP (Silvex)	ND	11	2.5	1.00	
2,4,5-T	ND	11	1.2	1.00	
2,4-DB	ND	110	17	1.00	
Dinoseb	ND	54	5.5	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
2,4-Dichlorophenylacetic acid	93	44-146	

Method Blank	**095-01-033-1649**	**N/A**	**Solid**	**GC 40**	**03/12/19**	**03/18/19 10:33**	**190312L17**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Dalapon	ND	250	73	1.00	
Dicamba	ND	10	1.2	1.00	
MCPP	ND	10000	3200	1.00	
MCPA	ND	10000	2100	1.00	
Dichlorprop	ND	100	17	1.00	
2,4-D	ND	100	14	1.00	
2,4,5-TP (Silvex)	ND	10	2.3	1.00	
2,4,5-T	ND	10	1.1	1.00	
2,4-DB	ND	100	16	1.00	
Dinoseb	ND	50	5.1	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
2,4-Dichlorophenylacetic acid	71	44-146	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3540C
		Method:	EPA 8270C SIM PAHs
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 1 of 8

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-11-0.0-1.0	**19-03-0690-4-a**	**03/08/19 00:00**	**Solid**	**GC/MS AAA**	**03/12/19**	**03/15/19 19:17**	**190312L18**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Naphthalene	ND	0.021	0.0074	1.00	
2-Methylnaphthalene	ND	0.021	0.0050	1.00	
1-Methylnaphthalene	ND	0.021	0.0050	1.00	
Acenaphthylene	ND	0.021	0.0038	1.00	
Acenaphthene	ND	0.021	0.0050	1.00	
Fluorene	ND	0.021	0.0067	1.00	
Phenanthrene	ND	0.021	0.0048	1.00	
Anthracene	ND	0.021	0.0074	1.00	
Fluoranthene	ND	0.021	0.0039	1.00	
Pyrene	ND	0.021	0.0048	1.00	
Benzo (a) Anthracene	ND	0.021	0.0046	1.00	
Chrysene	ND	0.021	0.0048	1.00	
Benzo (k) Fluoranthene	ND	0.021	0.0060	1.00	
Benzo (b) Fluoranthene	ND	0.021	0.0058	1.00	
Benzo (a) Pyrene	ND	0.021	0.0039	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	0.021	0.0034	1.00	
Dibenz (a,h) Anthracene	ND	0.021	0.0042	1.00	
Benzo (g,h,i) Perylene	ND	0.021	0.0033	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
2-Fluorobiphenyl	92	22-130	
Nitrobenzene-d5	90	20-145	
p-Terphenyl-d14	101	33-147	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3540C
		Method:	EPA 8270C SIM PAHs
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 2 of 8

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-11-4.0-5.0	**19-03-0690-8-a**	**03/08/19 00:00**	**Solid**	**GC/MS AAA**	**03/12/19**	**03/15/19 19:37**	**190312L18**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Naphthalene	ND	0.022	0.0078	1.00	
2-Methylnaphthalene	ND	0.022	0.0052	1.00	
1-Methylnaphthalene	ND	0.022	0.0052	1.00	
Acenaphthylene	ND	0.022	0.0040	1.00	
Acenaphthene	ND	0.022	0.0053	1.00	
Fluorene	ND	0.022	0.0070	1.00	
Phenanthrene	ND	0.022	0.0050	1.00	
Anthracene	ND	0.022	0.0078	1.00	
Fluoranthene	ND	0.022	0.0041	1.00	
Pyrene	ND	0.022	0.0051	1.00	
Benzo (a) Anthracene	ND	0.022	0.0048	1.00	
Chrysene	ND	0.022	0.0050	1.00	
Benzo (k) Fluoranthene	ND	0.022	0.0063	1.00	
Benzo (b) Fluoranthene	ND	0.022	0.0061	1.00	
Benzo (a) Pyrene	ND	0.022	0.0041	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	0.022	0.0036	1.00	
Dibenz (a,h) Anthracene	ND	0.022	0.0044	1.00	
Benzo (g,h,i) Perylene	ND	0.022	0.0035	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
2-Fluorobiphenyl	53	22-130	
Nitrobenzene-d5	29	20-145	
p-Terphenyl-d14	63	33-147	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3540C
		Method:	EPA 8270C SIM PAHs
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 3 of 8

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-12-0.0-1.0	**19-03-0690-9-a**	**03/08/19 14:45**	**Solid**	**GC/MS AAA**	**03/12/19**	**03/15/19 19:56**	**190312L18**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Naphthalene	ND	0.022	0.0077	1.00	
2-Methylnaphthalene	ND	0.022	0.0052	1.00	
1-Methylnaphthalene	ND	0.022	0.0052	1.00	
Acenaphthylene	ND	0.022	0.0040	1.00	
Acenaphthene	0.0063	0.022	0.0052	1.00	J
Fluorene	ND	0.022	0.0069	1.00	
Phenanthrene	0.037	0.022	0.0049	1.00	
Anthracene	0.0093	0.022	0.0077	1.00	J
Fluoranthene	0.042	0.022	0.0040	1.00	
Pyrene	0.043	0.022	0.0050	1.00	
Benzo (a) Anthracene	0.029	0.022	0.0048	1.00	
Chrysene	0.033	0.022	0.0050	1.00	
Benzo (k) Fluoranthene	0.019	0.022	0.0062	1.00	J
Benzo (b) Fluoranthene	0.024	0.022	0.0061	1.00	
Benzo (a) Pyrene	0.029	0.022	0.0041	1.00	
Indeno (1,2,3-c,d) Pyrene	0.018	0.022	0.0035	1.00	J
Dibenz (a,h) Anthracene	0.0070	0.022	0.0043	1.00	J
Benzo (g,h,i) Perylene	0.039	0.022	0.0034	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
2-Fluorobiphenyl	101	22-130	
Nitrobenzene-d5	102	20-145	
p-Terphenyl-d14	104	33-147	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3540C
		Method:	EPA 8270C SIM PAHs
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 4 of 8

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-12-4.0-5.0	**19-03-0690-10-a**	**03/08/19 15:00**	**Solid**	**GC/MS AAA**	**03/12/19**	**03/15/19 20:16**	**190312L18**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Naphthalene	ND	0.023	0.0079	1.00	
2-Methylnaphthalene	ND	0.023	0.0053	1.00	
1-Methylnaphthalene	ND	0.023	0.0053	1.00	
Acenaphthylene	ND	0.023	0.0041	1.00	
Acenaphthene	ND	0.023	0.0054	1.00	
Fluorene	ND	0.023	0.0071	1.00	
Phenanthrene	ND	0.023	0.0051	1.00	
Anthracene	ND	0.023	0.0079	1.00	
Fluoranthene	ND	0.023	0.0042	1.00	
Pyrene	ND	0.023	0.0051	1.00	
Benzo (a) Anthracene	ND	0.023	0.0049	1.00	
Chrysene	ND	0.023	0.0051	1.00	
Benzo (k) Fluoranthene	ND	0.023	0.0064	1.00	
Benzo (b) Fluoranthene	ND	0.023	0.0062	1.00	
Benzo (a) Pyrene	ND	0.023	0.0042	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	0.023	0.0036	1.00	
Dibenz (a,h) Anthracene	ND	0.023	0.0044	1.00	
Benzo (g,h,i) Perylene	ND	0.023	0.0035	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
2-Fluorobiphenyl	87	22-130	
Nitrobenzene-d5	93	20-145	
p-Terphenyl-d14	91	33-147	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3540C
		Method:	EPA 8270C SIM PAHs
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 5 of 8

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-10-0.0-1.0	**19-03-0690-19-a**	**03/08/19 00:00**	**Solid**	**GC/MS AAA**	**03/12/19**	**03/15/19 20:35**	**190312L18**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Naphthalene	ND	0.022	0.0076	1.00	
2-Methylnaphthalene	ND	0.022	0.0051	1.00	
1-Methylnaphthalene	ND	0.022	0.0051	1.00	
Acenaphthylene	ND	0.022	0.0039	1.00	
Acenaphthene	ND	0.022	0.0051	1.00	
Fluorene	ND	0.022	0.0068	1.00	
Phenanthrene	ND	0.022	0.0048	1.00	
Anthracene	ND	0.022	0.0076	1.00	
Fluoranthene	ND	0.022	0.0040	1.00	
Pyrene	ND	0.022	0.0049	1.00	
Benzo (a) Anthracene	ND	0.022	0.0047	1.00	
Chrysene	0.0052	0.022	0.0049	1.00	J
Benzo (k) Fluoranthene	ND	0.022	0.0061	1.00	
Benzo (b) Fluoranthene	ND	0.022	0.0059	1.00	
Benzo (a) Pyrene	ND	0.022	0.0040	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	0.022	0.0035	1.00	
Dibenz (a,h) Anthracene	ND	0.022	0.0042	1.00	
Benzo (g,h,i) Perylene	0.0048	0.022	0.0033	1.00	J

Surrogate	Rec. (%)	Control Limits	Qualifiers
2-Fluorobiphenyl	86	22-130	
Nitrobenzene-d5	83	20-145	
p-Terphenyl-d14	92	33-147	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3540C
		Method:	EPA 8270C SIM PAHs
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 6 of 8

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-10-4.0-5.0	**19-03-0690-24-a**	**03/08/19 00:00**	**Solid**	**GC/MS AAA**	**03/12/19**	**03/15/19 20:54**	**190312L18**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Naphthalene	ND	0.022	0.0075	1.00	
2-Methylnaphthalene	ND	0.022	0.0050	1.00	
1-Methylnaphthalene	ND	0.022	0.0050	1.00	
Acenaphthylene	ND	0.022	0.0039	1.00	
Acenaphthene	ND	0.022	0.0051	1.00	
Fluorene	ND	0.022	0.0068	1.00	
Phenanthrene	ND	0.022	0.0048	1.00	
Anthracene	ND	0.022	0.0075	1.00	
Fluoranthene	ND	0.022	0.0039	1.00	
Pyrene	ND	0.022	0.0049	1.00	
Benzo (a) Anthracene	ND	0.022	0.0047	1.00	
Chrysene	ND	0.022	0.0048	1.00	
Benzo (k) Fluoranthene	ND	0.022	0.0060	1.00	
Benzo (b) Fluoranthene	ND	0.022	0.0059	1.00	
Benzo (a) Pyrene	ND	0.022	0.0040	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	0.022	0.0034	1.00	
Dibenz (a,h) Anthracene	ND	0.022	0.0042	1.00	
Benzo (g,h,i) Perylene	ND	0.022	0.0033	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
2-Fluorobiphenyl	79	22-130	
Nitrobenzene-d5	56	20-145	
p-Terphenyl-d14	82	33-147	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3540C
		Method:	EPA 8270C SIM PAHs
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 7 of 8

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-10-3-9.0-10.0	**19-03-0690-25-c**	**03/08/19 10:45**	**Solid**	**GC/MS AAA**	**03/12/19**	**03/15/19 21:14**	**190312L18**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Naphthalene	ND	0.021	0.0074	1.00	
2-Methylnaphthalene	ND	0.021	0.0050	1.00	
1-Methylnaphthalene	ND	0.021	0.0050	1.00	
Acenaphthylene	ND	0.021	0.0038	1.00	
Acenaphthene	ND	0.021	0.0050	1.00	
Fluorene	ND	0.021	0.0066	1.00	
Phenanthrene	ND	0.021	0.0047	1.00	
Anthracene	ND	0.021	0.0074	1.00	
Fluoranthene	ND	0.021	0.0039	1.00	
Pyrene	ND	0.021	0.0048	1.00	
Benzo (a) Anthracene	ND	0.021	0.0046	1.00	
Chrysene	ND	0.021	0.0047	1.00	
Benzo (k) Fluoranthene	ND	0.021	0.0059	1.00	
Benzo (b) Fluoranthene	ND	0.021	0.0058	1.00	
Benzo (a) Pyrene	ND	0.021	0.0039	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	0.021	0.0034	1.00	
Dibenz (a,h) Anthracene	ND	0.021	0.0041	1.00	
Benzo (g,h,i) Perylene	ND	0.021	0.0033	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
2-Fluorobiphenyl	89	22-130	
Nitrobenzene-d5	49	20-145	
p-Terphenyl-d14	96	33-147	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3540C
		Method:	EPA 8270C SIM PAHs
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 8 of 8

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-06-010-3011**	**N/A**	**Solid**	**GC/MS AAA**	**03/12/19**	**03/16/19 11:48**	**190312L18**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Naphthalene	ND	0.020	0.0069	1.00	
2-Methylnaphthalene	ND	0.020	0.0047	1.00	
1-Methylnaphthalene	ND	0.020	0.0047	1.00	
Acenaphthylene	ND	0.020	0.0036	1.00	
Acenaphthene	ND	0.020	0.0047	1.00	
Fluorene	ND	0.020	0.0063	1.00	
Phenanthrene	ND	0.020	0.0045	1.00	
Anthracene	ND	0.020	0.0070	1.00	
Fluoranthene	ND	0.020	0.0036	1.00	
Pyrene	ND	0.020	0.0045	1.00	
Benzo (a) Anthracene	ND	0.020	0.0043	1.00	
Chrysene	ND	0.020	0.0045	1.00	
Benzo (k) Fluoranthene	ND	0.020	0.0056	1.00	
Benzo (b) Fluoranthene	ND	0.020	0.0055	1.00	
Benzo (a) Pyrene	ND	0.020	0.0037	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	0.020	0.0032	1.00	
Dibenz (a,h) Anthracene	ND	0.020	0.0039	1.00	
Benzo (g,h,i) Perylene	ND	0.020	0.0031	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
2-Fluorobiphenyl	94	22-130	
Nitrobenzene-d5	55	20-145	
p-Terphenyl-d14	102	33-147	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5035
		Method:	EPA 8260B
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 1 of 12

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-12-0.0-1.0	**19-03-0690-9-E**	**03/08/19 14:45**	**Solid**	**GC/MS QQ**	**03/08/19**	**03/11/19 19:39**	**190311L054**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	130	62	7.7	1.00	
Benzene	0.30	1.2	0.16	1.00	J
Bromobenzene	ND	1.2	0.26	1.00	
Bromochloromethane	ND	2.5	0.85	1.00	
Bromodichloromethane	ND	1.2	0.29	1.00	
Bromoform	ND	6.2	0.98	1.00	
Bromomethane	ND	25	12	1.00	
2-Butanone	10	25	4.7	1.00	J
n-Butylbenzene	ND	1.2	0.19	1.00	
sec-Butylbenzene	ND	1.2	0.71	1.00	
tert-Butylbenzene	ND	1.2	0.19	1.00	
Carbon Disulfide	ND	12	0.38	1.00	
Carbon Tetrachloride	ND	1.2	0.35	1.00	
Chlorobenzene	ND	1.2	0.28	1.00	
Chloroethane	ND	2.5	1.8	1.00	
Chloroform	ND	1.2	0.30	1.00	
Chloromethane	ND	25	0.38	1.00	
2-Chlorotoluene	ND	1.2	0.29	1.00	
4-Chlorotoluene	ND	1.2	0.26	1.00	
Dibromochloromethane	ND	2.5	0.71	1.00	
1,2-Dibromo-3-Chloropropane	ND	6.2	2.2	1.00	
1,2-Dibromoethane	ND	1.2	0.32	1.00	
Dibromomethane	ND	1.2	0.96	1.00	
1,2-Dichlorobenzene	ND	1.2	0.28	1.00	
1,3-Dichlorobenzene	ND	1.2	0.22	1.00	
1,4-Dichlorobenzene	ND	1.2	0.27	1.00	
Dichlorodifluoromethane	ND	2.5	0.55	1.00	
1,1-Dichloroethane	ND	1.2	0.26	1.00	
1,2-Dichloroethane	ND	1.2	0.39	1.00	
1,1-Dichloroethene	ND	1.2	0.43	1.00	
c-1,2-Dichloroethene	ND	1.2	0.35	1.00	
t-1,2-Dichloroethene	ND	1.2	0.63	1.00	
1,2-Dichloropropane	ND	1.2	0.54	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5035
		Method:	EPA 8260B
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 2 of 12

Parameter	Result	RL	MDL	DF	Qualifiers
1,3-Dichloropropane	ND	1.2	0.31	1.00	
2,2-Dichloropropane	ND	6.2	0.41	1.00	
1,1-Dichloropropene	ND	2.5	0.41	1.00	
c-1,3-Dichloropropene	ND	1.2	0.31	1.00	
t-1,3-Dichloropropene	ND	2.5	0.75	1.00	
Ethylbenzene	ND	1.2	0.19	1.00	
2-Hexanone	ND	25	2.2	1.00	
Isopropylbenzene	ND	1.2	0.68	1.00	
p-Isopropyltoluene	ND	1.2	0.78	1.00	
Methylene Chloride	ND	12	1.7	1.00	
4-Methyl-2-Pentanone	ND	25	5.3	1.00	
Naphthalene	ND	12	1.0	1.00	
n-Propylbenzene	ND	2.5	0.62	1.00	
Styrene	ND	1.2	0.75	1.00	
1,1,1,2-Tetrachloroethane	ND	1.2	0.30	1.00	
1,1,2,2-Tetrachloroethane	ND	2.5	0.43	1.00	
Tetrachloroethene	ND	1.2	0.26	1.00	
Toluene	ND	1.2	0.64	1.00	
1,2,3-Trichlorobenzene	ND	2.5	1.1	1.00	
1,2,4-Trichlorobenzene	ND	2.5	0.38	1.00	
1,1,1-Trichloroethane	ND	1.2	0.28	1.00	
1,1,2-Trichloroethane	ND	1.2	0.44	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	12	0.44	1.00	
Trichloroethene	ND	2.5	0.37	1.00	
Trichlorofluoromethane	ND	12	0.46	1.00	
1,2,3-Trichloropropane	ND	2.5	1.0	1.00	
1,2,4-Trimethylbenzene	ND	2.5	0.73	1.00	
1,3,5-Trimethylbenzene	ND	2.5	0.68	1.00	
Vinyl Acetate	ND	12	5.9	1.00	
Vinyl Chloride	ND	1.2	0.62	1.00	
p/m-Xylene	ND	2.5	0.33	1.00	
o-Xylene	ND	1.2	0.69	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	2.5	0.37	1.00	
Tert-Butyl Alcohol (TBA)	ND	25	6.4	1.00	
Diisopropyl Ether (DIPE)	ND	1.2	0.60	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	1.2	0.63	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	1.2	0.44	1.00	
Ethanol	ND	620	100	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5035
		Method:	EPA 8260B
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 3 of 12

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	80-120	
Dibromofluoromethane	108	79-133	
1,2-Dichloroethane-d4	113	71-155	
Toluene-d8	101	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5035
		Method:	EPA 8260B
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 4 of 12

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-12-4.0-5.0	**19-03-0690-10-E**	**03/08/19 15:00**	**Solid**	**GC/MS QQ**	**03/08/19**	**03/11/19 20:08**	**190311L054**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	25	57	7.1	1.00	J
Benzene	0.37	1.1	0.15	1.00	J
Bromobenzene	ND	1.1	0.24	1.00	
Bromochloromethane	ND	2.3	0.78	1.00	
Bromodichloromethane	ND	1.1	0.26	1.00	
Bromoform	ND	5.7	0.90	1.00	
Bromomethane	ND	23	11	1.00	
2-Butanone	4.8	23	4.3	1.00	J
n-Butylbenzene	ND	1.1	0.18	1.00	
sec-Butylbenzene	ND	1.1	0.66	1.00	
tert-Butylbenzene	ND	1.1	0.17	1.00	
Carbon Disulfide	ND	11	0.35	1.00	
Carbon Tetrachloride	ND	1.1	0.32	1.00	
Chlorobenzene	ND	1.1	0.25	1.00	
Chloroethane	ND	2.3	1.7	1.00	
Chloroform	ND	1.1	0.27	1.00	
Chloromethane	ND	23	0.35	1.00	
2-Chlorotoluene	ND	1.1	0.26	1.00	
4-Chlorotoluene	ND	1.1	0.24	1.00	
Dibromochloromethane	ND	2.3	0.65	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.7	2.0	1.00	
1,2-Dibromoethane	ND	1.1	0.29	1.00	
Dibromomethane	ND	1.1	0.88	1.00	
1,2-Dichlorobenzene	ND	1.1	0.26	1.00	
1,3-Dichlorobenzene	ND	1.1	0.20	1.00	
1,4-Dichlorobenzene	ND	1.1	0.25	1.00	
Dichlorodifluoromethane	ND	2.3	0.50	1.00	
1,1-Dichloroethane	ND	1.1	0.24	1.00	
1,2-Dichloroethane	ND	1.1	0.36	1.00	
1,1-Dichloroethene	ND	1.1	0.39	1.00	
c-1,2-Dichloroethene	ND	1.1	0.32	1.00	
t-1,2-Dichloroethene	ND	1.1	0.57	1.00	
1,2-Dichloropropane	ND	1.1	0.50	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5035
		Method:	EPA 8260B
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 5 of 12

Parameter	Result	RL	MDL	DF	Qualifiers
1,3-Dichloropropane	ND	1.1	0.29	1.00	
2,2-Dichloropropane	ND	5.7	0.38	1.00	
1,1-Dichloropropene	ND	2.3	0.37	1.00	
c-1,3-Dichloropropene	ND	1.1	0.29	1.00	
t-1,3-Dichloropropene	ND	2.3	0.69	1.00	
Ethylbenzene	ND	1.1	0.17	1.00	
2-Hexanone	ND	23	2.0	1.00	
Isopropylbenzene	ND	1.1	0.62	1.00	
p-Isopropyltoluene	ND	1.1	0.72	1.00	
Methylene Chloride	ND	11	1.5	1.00	
4-Methyl-2-Pentanone	ND	23	4.9	1.00	
Naphthalene	ND	11	0.92	1.00	
n-Propylbenzene	ND	2.3	0.57	1.00	
Styrene	ND	1.1	0.69	1.00	
1,1,1,2-Tetrachloroethane	ND	1.1	0.27	1.00	
1,1,2,2-Tetrachloroethane	ND	2.3	0.39	1.00	
Tetrachloroethene	ND	1.1	0.24	1.00	
Toluene	ND	1.1	0.59	1.00	
1,2,3-Trichlorobenzene	ND	2.3	1.0	1.00	
1,2,4-Trichlorobenzene	ND	2.3	0.35	1.00	
1,1,1-Trichloroethane	ND	1.1	0.26	1.00	
1,1,2-Trichloroethane	ND	1.1	0.40	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	11	0.40	1.00	
Trichloroethene	ND	2.3	0.34	1.00	
Trichlorofluoromethane	ND	11	0.43	1.00	
1,2,3-Trichloropropane	ND	2.3	0.94	1.00	
1,2,4-Trimethylbenzene	ND	2.3	0.67	1.00	
1,3,5-Trimethylbenzene	ND	2.3	0.62	1.00	
Vinyl Acetate	ND	11	5.4	1.00	
Vinyl Chloride	ND	1.1	0.57	1.00	
p/m-Xylene	ND	2.3	0.30	1.00	
o-Xylene	ND	1.1	0.63	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	2.3	0.34	1.00	
Tert-Butyl Alcohol (TBA)	ND	23	5.9	1.00	
Diisopropyl Ether (DIPE)	ND	1.1	0.55	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	1.1	0.58	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	1.1	0.40	1.00	
Ethanol	ND	570	95	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5035
		Method:	EPA 8260B
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 6 of 12

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	80-120	
Dibromofluoromethane	107	79-133	
1,2-Dichloroethane-d4	110	71-155	
Toluene-d8	101	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5035
		Method:	EPA 8260B
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 7 of 12

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-10-3-9.0-10.0	**19-03-0690-25-E**	**03/08/19 10:45**	**Solid**	**GC/MS QQ**	**03/08/19**	**03/11/19 20:36**	**190311L054**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	7.3	58	7.3	1.00	J
Benzene	ND	1.2	0.15	1.00	
Bromobenzene	ND	1.2	0.24	1.00	
Bromochloromethane	ND	2.3	0.81	1.00	
Bromodichloromethane	ND	1.2	0.27	1.00	
Bromoform	ND	5.8	0.93	1.00	
Bromomethane	ND	23	11	1.00	
2-Butanone	ND	23	4.4	1.00	
n-Butylbenzene	ND	1.2	0.18	1.00	
sec-Butylbenzene	ND	1.2	0.67	1.00	
tert-Butylbenzene	ND	1.2	0.18	1.00	
Carbon Disulfide	ND	12	0.36	1.00	
Carbon Tetrachloride	ND	1.2	0.33	1.00	
Chlorobenzene	ND	1.2	0.26	1.00	
Chloroethane	ND	2.3	1.7	1.00	
Chloroform	ND	1.2	0.28	1.00	
Chloromethane	ND	23	0.36	1.00	
2-Chlorotoluene	ND	1.2	0.27	1.00	
4-Chlorotoluene	ND	1.2	0.25	1.00	
Dibromochloromethane	ND	2.3	0.67	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.8	2.0	1.00	
1,2-Dibromoethane	ND	1.2	0.30	1.00	
Dibromomethane	ND	1.2	0.90	1.00	
1,2-Dichlorobenzene	ND	1.2	0.27	1.00	
1,3-Dichlorobenzene	ND	1.2	0.21	1.00	
1,4-Dichlorobenzene	ND	1.2	0.26	1.00	
Dichlorodifluoromethane	ND	2.3	0.52	1.00	
1,1-Dichloroethane	ND	1.2	0.25	1.00	
1,2-Dichloroethane	ND	1.2	0.37	1.00	
1,1-Dichloroethene	ND	1.2	0.40	1.00	
c-1,2-Dichloroethene	ND	1.2	0.33	1.00	
t-1,2-Dichloroethene	ND	1.2	0.59	1.00	
1,2-Dichloropropane	ND	1.2	0.51	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5035
		Method:	EPA 8260B
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 8 of 12

Parameter	Result	RL	MDL	DF	Qualifiers
1,3-Dichloropropane	ND	1.2	0.30	1.00	
2,2-Dichloropropane	ND	5.8	0.39	1.00	
1,1-Dichloropropene	ND	2.3	0.38	1.00	
c-1,3-Dichloropropene	ND	1.2	0.30	1.00	
t-1,3-Dichloropropene	ND	2.3	0.71	1.00	
Ethylbenzene	ND	1.2	0.18	1.00	
2-Hexanone	ND	23	2.1	1.00	
Isopropylbenzene	ND	1.2	0.64	1.00	
p-Isopropyltoluene	ND	1.2	0.74	1.00	
Methylene Chloride	ND	12	1.6	1.00	
4-Methyl-2-Pentanone	ND	23	5.0	1.00	
Naphthalene	ND	12	0.95	1.00	
n-Propylbenzene	ND	2.3	0.59	1.00	
Styrene	ND	1.2	0.71	1.00	
1,1,1,2-Tetrachloroethane	ND	1.2	0.28	1.00	
1,1,2,2-Tetrachloroethane	ND	2.3	0.40	1.00	
Tetrachloroethene	ND	1.2	0.24	1.00	
Toluene	ND	1.2	0.60	1.00	
1,2,3-Trichlorobenzene	ND	2.3	1.1	1.00	
1,2,4-Trichlorobenzene	ND	2.3	0.36	1.00	
1,1,1-Trichloroethane	ND	1.2	0.26	1.00	
1,1,2-Trichloroethane	ND	1.2	0.41	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	12	0.41	1.00	
Trichloroethene	ND	2.3	0.35	1.00	
Trichlorofluoromethane	ND	12	0.44	1.00	
1,2,3-Trichloropropane	ND	2.3	0.97	1.00	
1,2,4-Trimethylbenzene	ND	2.3	0.68	1.00	
1,3,5-Trimethylbenzene	ND	2.3	0.64	1.00	
Vinyl Acetate	ND	12	5.5	1.00	
Vinyl Chloride	ND	1.2	0.59	1.00	
p/m-Xylene	ND	2.3	0.31	1.00	
o-Xylene	ND	1.2	0.65	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	2.3	0.34	1.00	
Tert-Butyl Alcohol (TBA)	ND	23	6.0	1.00	
Diisopropyl Ether (DIPE)	ND	1.2	0.56	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	1.2	0.59	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	1.2	0.41	1.00	
Ethanol	ND	580	98	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5035
		Method:	EPA 8260B
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 9 of 12

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	80-120	
Dibromofluoromethane	110	79-133	
1,2-Dichloroethane-d4	114	71-155	
Toluene-d8	102	80-120	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5035
		Method:	EPA 8260B
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 10 of 12

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**095-01-025-30819**	**N/A**	**Solid**	**GC/MS QQ**	**03/11/19**	**03/11/19 12:30**	**190311L054**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	50	6.2	1.00	
Benzene	ND	1.0	0.13	1.00	
Bromobenzene	ND	1.0	0.21	1.00	
Bromochloromethane	ND	2.0	0.69	1.00	
Bromodichloromethane	ND	1.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	20	9.4	1.00	
2-Butanone	ND	20	3.8	1.00	
n-Butylbenzene	ND	1.0	0.16	1.00	
sec-Butylbenzene	ND	1.0	0.58	1.00	
tert-Butylbenzene	ND	1.0	0.15	1.00	
Carbon Disulfide	ND	10	0.31	1.00	
Carbon Tetrachloride	ND	1.0	0.28	1.00	
Chlorobenzene	ND	1.0	0.22	1.00	
Chloroethane	ND	2.0	1.5	1.00	
Chloroform	ND	1.0	0.24	1.00	
Chloromethane	ND	20	0.30	1.00	
2-Chlorotoluene	ND	1.0	0.23	1.00	
4-Chlorotoluene	ND	1.0	0.21	1.00	
Dibromochloromethane	ND	2.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.7	1.00	
1,2-Dibromoethane	ND	1.0	0.26	1.00	
Dibromomethane	ND	1.0	0.77	1.00	
1,2-Dichlorobenzene	ND	1.0	0.23	1.00	
1,3-Dichlorobenzene	ND	1.0	0.18	1.00	
1,4-Dichlorobenzene	ND	1.0	0.22	1.00	
Dichlorodifluoromethane	ND	2.0	0.44	1.00	
1,1-Dichloroethane	ND	1.0	0.21	1.00	
1,2-Dichloroethane	ND	1.0	0.31	1.00	
1,1-Dichloroethene	ND	1.0	0.35	1.00	
c-1,2-Dichloroethene	ND	1.0	0.28	1.00	
t-1,2-Dichloroethene	ND	1.0	0.51	1.00	
1,2-Dichloropropane	ND	1.0	0.44	1.00	
1,3-Dichloropropane	ND	1.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5035
		Method:	EPA 8260B
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 11 of 12

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	2.0	0.33	1.00	
c-1,3-Dichloropropene	ND	1.0	0.25	1.00	
t-1,3-Dichloropropene	ND	2.0	0.61	1.00	
Ethylbenzene	ND	1.0	0.15	1.00	
2-Hexanone	ND	20	1.8	1.00	
Isopropylbenzene	ND	1.0	0.55	1.00	
p-Isopropyltoluene	ND	1.0	0.63	1.00	
Methylene Chloride	ND	10	1.3	1.00	
4-Methyl-2-Pentanone	ND	20	4.3	1.00	
Naphthalene	ND	10	0.81	1.00	
n-Propylbenzene	ND	2.0	0.50	1.00	
Styrene	ND	1.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	2.0	0.35	1.00	
Tetrachloroethene	ND	1.0	0.21	1.00	
Toluene	ND	1.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	2.0	0.91	1.00	
1,2,4-Trichlorobenzene	ND	2.0	0.31	1.00	
1,1,1-Trichloroethane	ND	1.0	0.23	1.00	
1,1,2-Trichloroethane	ND	1.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.35	1.00	
Trichloroethene	ND	2.0	0.30	1.00	
Trichlorofluoromethane	ND	10	0.38	1.00	
1,2,3-Trichloropropane	ND	2.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	2.0	0.59	1.00	
1,3,5-Trimethylbenzene	ND	2.0	0.55	1.00	
Vinyl Acetate	ND	10	4.7	1.00	
Vinyl Chloride	ND	1.0	0.50	1.00	
p/m-Xylene	ND	2.0	0.27	1.00	
o-Xylene	ND	1.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.30	1.00	
Tert-Butyl Alcohol (TBA)	ND	20	5.2	1.00	
Diisopropyl Ether (DIPE)	ND	1.0	0.48	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	1.0	0.51	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	1.0	0.35	1.00	
Ethanol	ND	500	84	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5035
		Method:	EPA 8260B
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 12 of 12

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	80-120	
Dibromofluoromethane	103	79-133	
1,2-Dichloroethane-d4	105	71-155	
Toluene-d8	102	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 1 of 18

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-11-0.0-1.0	**19-03-0690-4-A**	**03/08/19 00:00**	**Solid**	**GC/MS LL**	**03/12/19**	**03/14/19 11:41**	**190314L007**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	140	7.0	1.00	
Benzene	ND	5.6	0.15	1.00	
Bromobenzene	ND	5.6	0.24	1.00	
Bromochloromethane	ND	5.6	0.77	1.00	
Bromodichloromethane	ND	5.6	0.26	1.00	
Bromoform	ND	5.6	0.89	1.00	
Bromomethane	ND	28	11	1.00	
2-Butanone	ND	56	4.2	1.00	
n-Butylbenzene	ND	5.6	0.18	1.00	
sec-Butylbenzene	ND	5.6	0.65	1.00	
tert-Butylbenzene	ND	5.6	0.17	1.00	
Carbon Disulfide	ND	56	0.34	1.00	
Carbon Tetrachloride	ND	5.6	0.32	1.00	
Chlorobenzene	ND	5.6	0.25	1.00	
Chloroethane	ND	5.6	1.7	1.00	
Chloroform	ND	5.6	0.27	1.00	
Chloromethane	ND	28	0.34	1.00	
2-Chlorotoluene	ND	5.6	0.26	1.00	
4-Chlorotoluene	ND	5.6	0.24	1.00	
Dibromochloromethane	ND	5.6	0.64	1.00	
1,2-Dibromo-3-Chloropropane	ND	11	2.0	1.00	
1,2-Dibromoethane	ND	5.6	0.29	1.00	
Dibromomethane	ND	5.6	0.87	1.00	
1,2-Dichlorobenzene	ND	5.6	0.26	1.00	
1,3-Dichlorobenzene	ND	5.6	0.20	1.00	
1,4-Dichlorobenzene	ND	5.6	0.25	1.00	
Dichlorodifluoromethane	ND	5.6	0.50	1.00	
1,1-Dichloroethane	ND	5.6	0.24	1.00	
1,2-Dichloroethane	ND	5.6	0.35	1.00	
1,1-Dichloroethene	ND	5.6	0.39	1.00	
c-1,2-Dichloroethene	ND	5.6	0.31	1.00	
t-1,2-Dichloroethene	ND	5.6	0.57	1.00	
1,2-Dichloropropane	ND	5.6	0.49	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 2 of 18

Parameter	Result	RL	MDL	DF	Qualifiers
1,3-Dichloropropane	ND	5.6	0.28	1.00	
2,2-Dichloropropane	ND	5.6	0.37	1.00	
1,1-Dichloropropene	ND	5.6	0.37	1.00	
c-1,3-Dichloropropene	ND	5.6	0.29	1.00	
t-1,3-Dichloropropene	ND	5.6	0.68	1.00	
Ethylbenzene	ND	5.6	0.17	1.00	
2-Hexanone	ND	56	2.0	1.00	
Isopropylbenzene	ND	5.6	0.61	1.00	
p-Isopropyltoluene	ND	5.6	0.71	1.00	
Methylene Chloride	ND	56	1.5	1.00	
4-Methyl-2-Pentanone	ND	56	4.8	1.00	
Naphthalene	ND	56	0.91	1.00	
n-Propylbenzene	ND	5.6	0.56	1.00	
Styrene	ND	5.6	0.68	1.00	
1,1,1,2-Tetrachloroethane	ND	5.6	0.27	1.00	
1,1,2,2-Tetrachloroethane	ND	5.6	0.39	1.00	
Tetrachloroethene	ND	5.6	0.24	1.00	
Toluene	ND	5.6	0.58	1.00	
1,2,3-Trichlorobenzene	ND	11	1.0	1.00	
1,2,4-Trichlorobenzene	ND	5.6	0.35	1.00	
1,1,1-Trichloroethane	ND	5.6	0.25	1.00	
1,1,2-Trichloroethane	ND	5.6	0.40	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	56	0.39	1.00	
Trichloroethene	ND	5.6	0.34	1.00	
1,2,3-Trichloropropane	ND	5.6	0.93	1.00	
1,2,4-Trimethylbenzene	ND	5.6	0.66	1.00	
Trichlorofluoromethane	ND	56	0.42	1.00	
1,3,5-Trimethylbenzene	ND	5.6	0.62	1.00	
Vinyl Acetate	ND	56	5.3	1.00	
Vinyl Chloride	ND	5.6	0.56	1.00	
p/m-Xylene	ND	5.6	0.30	1.00	
o-Xylene	ND	5.6	0.62	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.6	0.33	1.00	
Tert-Butyl Alcohol (TBA)	ND	56	5.8	1.00	
Diisopropyl Ether (DIPE)	ND	11	0.54	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	11	0.57	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	11	0.40	1.00	
Ethanol	ND	280	94	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 3 of 18

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	91	80-120	
Dibromofluoromethane	103	79-133	
1,2-Dichloroethane-d4	96	71-155	
Toluene-d8	100	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 4 of 18

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-11-4.0-5.0	**19-03-0690-8-A**	**03/08/19 00:00**	**Solid**	**GC/MS LL**	**03/15/19**	**03/15/19 14:51**	**190315L019**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	140	7.0	1.00	
Benzene	ND	5.6	0.15	1.00	
Bromobenzene	ND	5.6	0.24	1.00	
Bromochloromethane	ND	5.6	0.77	1.00	
Bromodichloromethane	ND	5.6	0.26	1.00	
Bromoform	ND	5.6	0.89	1.00	
Bromomethane	ND	28	11	1.00	
2-Butanone	ND	56	4.2	1.00	
n-Butylbenzene	ND	5.6	0.18	1.00	
sec-Butylbenzene	ND	5.6	0.65	1.00	
tert-Butylbenzene	ND	5.6	0.17	1.00	
Carbon Disulfide	ND	56	0.34	1.00	
Carbon Tetrachloride	ND	5.6	0.32	1.00	
Chlorobenzene	ND	5.6	0.25	1.00	
Chloroethane	ND	5.6	1.7	1.00	
Chloroform	ND	5.6	0.27	1.00	
Chloromethane	ND	28	0.34	1.00	
2-Chlorotoluene	ND	5.6	0.26	1.00	
4-Chlorotoluene	ND	5.6	0.24	1.00	
Dibromochloromethane	ND	5.6	0.64	1.00	
1,2-Dibromo-3-Chloropropane	ND	11	2.0	1.00	
1,2-Dibromoethane	ND	5.6	0.29	1.00	
Dibromomethane	ND	5.6	0.87	1.00	
1,2-Dichlorobenzene	ND	5.6	0.26	1.00	
1,3-Dichlorobenzene	ND	5.6	0.20	1.00	
1,4-Dichlorobenzene	ND	5.6	0.25	1.00	
Dichlorodifluoromethane	ND	5.6	0.50	1.00	
1,1-Dichloroethane	ND	5.6	0.24	1.00	
1,2-Dichloroethane	ND	5.6	0.35	1.00	
1,1-Dichloroethene	ND	5.6	0.39	1.00	
c-1,2-Dichloroethene	ND	5.6	0.31	1.00	
t-1,2-Dichloroethene	ND	5.6	0.57	1.00	
1,2-Dichloropropane	ND	5.6	0.49	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 5 of 18

Parameter	Result	RL	MDL	DF	Qualifiers
1,3-Dichloropropane	ND	5.6	0.28	1.00	
2,2-Dichloropropane	ND	5.6	0.37	1.00	
1,1-Dichloropropene	ND	5.6	0.37	1.00	
c-1,3-Dichloropropene	ND	5.6	0.29	1.00	
t-1,3-Dichloropropene	ND	5.6	0.68	1.00	
Ethylbenzene	ND	5.6	0.17	1.00	
2-Hexanone	ND	56	2.0	1.00	
Isopropylbenzene	ND	5.6	0.61	1.00	
p-Isopropyltoluene	ND	5.6	0.71	1.00	
Methylene Chloride	ND	56	1.5	1.00	
4-Methyl-2-Pentanone	ND	56	4.8	1.00	
Naphthalene	ND	56	0.91	1.00	
n-Propylbenzene	ND	5.6	0.56	1.00	
Styrene	ND	5.6	0.68	1.00	
1,1,1,2-Tetrachloroethane	ND	5.6	0.27	1.00	
1,1,2,2-Tetrachloroethane	ND	5.6	0.39	1.00	
Tetrachloroethene	ND	5.6	0.24	1.00	
Toluene	ND	5.6	0.58	1.00	
1,2,3-Trichlorobenzene	ND	11	1.0	1.00	
1,2,4-Trichlorobenzene	ND	5.6	0.35	1.00	
1,1,1-Trichloroethane	ND	5.6	0.25	1.00	
1,1,2-Trichloroethane	ND	5.6	0.40	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	56	0.39	1.00	
Trichloroethene	ND	5.6	0.34	1.00	
1,2,3-Trichloropropane	ND	5.6	0.93	1.00	
1,2,4-Trimethylbenzene	ND	5.6	0.66	1.00	
Trichlorofluoromethane	ND	56	0.42	1.00	
1,3,5-Trimethylbenzene	ND	5.6	0.62	1.00	
Vinyl Acetate	ND	56	5.3	1.00	
Vinyl Chloride	ND	5.6	0.56	1.00	
p/m-Xylene	ND	5.6	0.30	1.00	
o-Xylene	ND	5.6	0.62	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.6	0.33	1.00	
Tert-Butyl Alcohol (TBA)	ND	56	5.8	1.00	
Diisopropyl Ether (DIPE)	ND	11	0.54	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	11	0.57	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	11	0.40	1.00	
Ethanol	ND	280	94	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 6 of 18

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	95	80-120	
Dibromofluoromethane	101	79-133	
1,2-Dichloroethane-d4	96	71-155	
Toluene-d8	102	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 7 of 18

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-10-0.0-1.0	**19-03-0690-19-A**	**03/08/19 00:00**	**Solid**	**GC/MS LL**	**03/15/19**	**03/15/19 18:46**	**190315L019**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	88	140	6.9	1.00	J
Benzene	ND	5.6	0.14	1.00	
Bromobenzene	ND	5.6	0.23	1.00	
Bromochloromethane	ND	5.6	0.77	1.00	
Bromodichloromethane	ND	5.6	0.26	1.00	
Bromoform	ND	5.6	0.88	1.00	
Bromomethane	ND	28	10	1.00	
2-Butanone	11	56	4.2	1.00	J
n-Butylbenzene	ND	5.6	0.17	1.00	
sec-Butylbenzene	ND	5.6	0.64	1.00	
tert-Butylbenzene	ND	5.6	0.17	1.00	
Carbon Disulfide	ND	56	0.34	1.00	
Carbon Tetrachloride	ND	5.6	0.31	1.00	
Chlorobenzene	ND	5.6	0.25	1.00	
Chloroethane	ND	5.6	1.7	1.00	
Chloroform	ND	5.6	0.27	1.00	
Chloromethane	ND	28	0.34	1.00	
2-Chlorotoluene	ND	5.6	0.26	1.00	
4-Chlorotoluene	ND	5.6	0.24	1.00	
Dibromochloromethane	ND	5.6	0.63	1.00	
1,2-Dibromo-3-Chloropropane	ND	11	1.9	1.00	
1,2-Dibromoethane	ND	5.6	0.28	1.00	
Dibromomethane	ND	5.6	0.86	1.00	
1,2-Dichlorobenzene	ND	5.6	0.25	1.00	
1,3-Dichlorobenzene	ND	5.6	0.20	1.00	
1,4-Dichlorobenzene	ND	5.6	0.25	1.00	
Dichlorodifluoromethane	ND	5.6	0.49	1.00	
1,1-Dichloroethane	ND	5.6	0.24	1.00	
1,2-Dichloroethane	ND	5.6	0.35	1.00	
1,1-Dichloroethene	ND	5.6	0.39	1.00	
c-1,2-Dichloroethene	ND	5.6	0.31	1.00	
t-1,2-Dichloroethene	ND	5.6	0.56	1.00	
1,2-Dichloropropane	ND	5.6	0.49	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 8 of 18

Parameter	Result	RL	MDL	DF	Qualifiers
1,3-Dichloropropane	ND	5.6	0.28	1.00	
2,2-Dichloropropane	ND	5.6	0.37	1.00	
1,1-Dichloropropene	ND	5.6	0.37	1.00	
c-1,3-Dichloropropene	ND	5.6	0.28	1.00	
t-1,3-Dichloropropene	ND	5.6	0.67	1.00	
Ethylbenzene	ND	5.6	0.17	1.00	
2-Hexanone	ND	56	2.0	1.00	
Isopropylbenzene	ND	5.6	0.61	1.00	
p-Isopropyltoluene	ND	5.6	0.70	1.00	
Methylene Chloride	ND	56	1.5	1.00	
4-Methyl-2-Pentanone	ND	56	4.8	1.00	
Naphthalene	ND	56	0.91	1.00	
n-Propylbenzene	ND	5.6	0.56	1.00	
Styrene	ND	5.6	0.67	1.00	
1,1,1,2-Tetrachloroethane	ND	5.6	0.27	1.00	
1,1,2,2-Tetrachloroethane	ND	5.6	0.38	1.00	
Tetrachloroethene	ND	5.6	0.23	1.00	
Toluene	ND	5.6	0.57	1.00	
1,2,3-Trichlorobenzene	ND	11	1.0	1.00	
1,2,4-Trichlorobenzene	ND	5.6	0.35	1.00	
1,1,1-Trichloroethane	ND	5.6	0.25	1.00	
1,1,2-Trichloroethane	ND	5.6	0.39	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	56	0.39	1.00	
Trichloroethene	ND	5.6	0.33	1.00	
1,2,3-Trichloropropane	ND	5.6	0.92	1.00	
1,2,4-Trimethylbenzene	ND	5.6	0.65	1.00	
Trichlorofluoromethane	ND	56	0.42	1.00	
1,3,5-Trimethylbenzene	ND	5.6	0.61	1.00	
Vinyl Acetate	ND	56	5.3	1.00	
Vinyl Chloride	ND	5.6	0.56	1.00	
p/m-Xylene	ND	5.6	0.30	1.00	
o-Xylene	ND	5.6	0.62	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.6	0.33	1.00	
Tert-Butyl Alcohol (TBA)	ND	56	5.8	1.00	
Diisopropyl Ether (DIPE)	ND	11	0.54	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	11	0.56	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	11	0.39	1.00	
Ethanol	ND	280	93	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 9 of 18

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	100	80-120	
Dibromofluoromethane	100	79-133	
1,2-Dichloroethane-d4	95	71-155	
Toluene-d8	101	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 10 of 18

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-10-4.0-5.0	**19-03-0690-24-A**	**03/08/19 00:00**	**Solid**	**GC/MS LL**	**03/15/19**	**03/15/19 19:12**	**190315L019**

Comment(s): - Results are reported on a dry weight basis.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	9.1	140	7.0	1.00	J
Benzene	ND	5.6	0.15	1.00	
Bromobenzene	ND	5.6	0.23	1.00	
Bromochloromethane	ND	5.6	0.77	1.00	
Bromodichloromethane	ND	5.6	0.26	1.00	
Bromoform	ND	5.6	0.89	1.00	
Bromomethane	ND	28	11	1.00	
2-Butanone	ND	56	4.2	1.00	
n-Butylbenzene	ND	5.6	0.18	1.00	
sec-Butylbenzene	ND	5.6	0.65	1.00	
tert-Butylbenzene	ND	5.6	0.17	1.00	
Carbon Disulfide	ND	56	0.34	1.00	
Carbon Tetrachloride	ND	5.6	0.32	1.00	
Chlorobenzene	ND	5.6	0.25	1.00	
Chloroethane	ND	5.6	1.7	1.00	
Chloroform	ND	5.6	0.27	1.00	
Chloromethane	ND	28	0.34	1.00	
2-Chlorotoluene	ND	5.6	0.26	1.00	
4-Chlorotoluene	ND	5.6	0.24	1.00	
Dibromochloromethane	ND	5.6	0.64	1.00	
1,2-Dibromo-3-Chloropropane	ND	11	1.9	1.00	
1,2-Dibromoethane	ND	5.6	0.29	1.00	
Dibromomethane	ND	5.6	0.87	1.00	
1,2-Dichlorobenzene	ND	5.6	0.26	1.00	
1,3-Dichlorobenzene	ND	5.6	0.20	1.00	
1,4-Dichlorobenzene	ND	5.6	0.25	1.00	
Dichlorodifluoromethane	ND	5.6	0.50	1.00	
1,1-Dichloroethane	ND	5.6	0.24	1.00	
1,2-Dichloroethane	ND	5.6	0.35	1.00	
1,1-Dichloroethene	ND	5.6	0.39	1.00	
c-1,2-Dichloroethene	ND	5.6	0.31	1.00	
t-1,2-Dichloroethene	ND	5.6	0.57	1.00	
1,2-Dichloropropane	ND	5.6	0.49	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 11 of 18

Parameter	Result	RL	MDL	DF	Qualifiers
1,3-Dichloropropane	ND	5.6	0.28	1.00	
2,2-Dichloropropane	ND	5.6	0.37	1.00	
1,1-Dichloropropene	ND	5.6	0.37	1.00	
c-1,3-Dichloropropene	ND	5.6	0.29	1.00	
t-1,3-Dichloropropene	ND	5.6	0.68	1.00	
Ethylbenzene	ND	5.6	0.17	1.00	
2-Hexanone	ND	56	2.0	1.00	
Isopropylbenzene	ND	5.6	0.61	1.00	
p-Isopropyltoluene	ND	5.6	0.71	1.00	
Methylene Chloride	ND	56	1.5	1.00	
4-Methyl-2-Pentanone	ND	56	4.8	1.00	
Naphthalene	ND	56	0.91	1.00	
n-Propylbenzene	ND	5.6	0.56	1.00	
Styrene	ND	5.6	0.68	1.00	
1,1,1,2-Tetrachloroethane	ND	5.6	0.27	1.00	
1,1,2,2-Tetrachloroethane	ND	5.6	0.39	1.00	
Tetrachloroethene	ND	5.6	0.24	1.00	
Toluene	ND	5.6	0.58	1.00	
1,2,3-Trichlorobenzene	ND	11	1.0	1.00	
1,2,4-Trichlorobenzene	ND	5.6	0.35	1.00	
1,1,1-Trichloroethane	ND	5.6	0.25	1.00	
1,1,2-Trichloroethane	ND	5.6	0.40	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	56	0.39	1.00	
Trichloroethene	ND	5.6	0.34	1.00	
1,2,3-Trichloropropane	ND	5.6	0.93	1.00	
1,2,4-Trimethylbenzene	ND	5.6	0.66	1.00	
Trichlorofluoromethane	ND	56	0.42	1.00	
1,3,5-Trimethylbenzene	ND	5.6	0.62	1.00	
Vinyl Acetate	ND	56	5.3	1.00	
Vinyl Chloride	ND	5.6	0.56	1.00	
p/m-Xylene	ND	5.6	0.30	1.00	
o-Xylene	ND	5.6	0.62	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.6	0.33	1.00	
Tert-Butyl Alcohol (TBA)	ND	56	5.8	1.00	
Diisopropyl Ether (DIPE)	ND	11	0.54	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	11	0.57	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	11	0.39	1.00	
Ethanol	ND	280	94	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 12 of 18

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	80-120	
Dibromofluoromethane	99	79-133	
1,2-Dichloroethane-d4	96	71-155	
Toluene-d8	100	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 13 of 18

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-796-15188**	**N/A**	**Solid**	**GC/MS LL**	**03/14/19**	**03/14/19 10:50**	**190314L007**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.4	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.26	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.51	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 14 of 18

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.61	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.81	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.23	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.30	1.00	
Tert-Butyl Alcohol (TBA)	ND	50	5.2	1.00	
Diisopropyl Ether (DIPE)	ND	10	0.48	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	10	0.51	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	10	0.35	1.00	
Ethanol	ND	250	84	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 15 of 18

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	80-120	
Dibromofluoromethane	104	79-133	
1,2-Dichloroethane-d4	101	71-155	
Toluene-d8	99	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 16 of 18

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-796-15194**	**N/A**	**Solid**	**GC/MS LL**	**03/15/19**	**03/15/19 13:59**	**190315L019**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.4	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.26	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.51	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 17 of 18

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.61	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.81	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.23	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.30	1.00	
Tert-Butyl Alcohol (TBA)	ND	50	5.2	1.00	
Diisopropyl Ether (DIPE)	ND	10	0.48	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	10	0.51	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	10	0.35	1.00	
Ethanol	ND	250	84	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/kg
Project: Project Condor / B71091.00			Page 18 of 18

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	80-120	
Dibromofluoromethane	101	79-133	
1,2-Dichloroethane-d4	94	71-155	
Toluene-d8	101	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3060A
		Method:	EPA 7199
Project: Project Condor / B71091.00			Page 1 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
19-03-0414-4	**Sample**	**Solid**	**IC 11**	**03/12/19**	**03/13/19 16:54**	**190312S01P**
19-03-0414-4	**Matrix Spike**	**Solid**	**IC 11**	**03/12/19**	**03/13/19 16:18**	**190312S01P**
19-03-0414-4	**Matrix Spike Duplicate**	**Solid**	**IC 11**	**03/12/19**	**03/13/19 16:27**	**190312S01P**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Chromium, Hexavalent	8364	20000	27370	95	19020	53	75-125	36	0-25	3,4

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
Project: Project Condor / B71091.00			Page 2 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
19-03-1136-1	**Sample**	**Solid**	**GC 47**	**03/15/19**	**03/15/19 16:35**	**190315S05**
19-03-1136-1	**Matrix Spike**	**Solid**	**GC 47**	**03/15/19**	**03/15/19 15:52**	**190315S05**
19-03-1136-1	**Matrix Spike Duplicate**	**Solid**	**GC 47**	**03/15/19**	**03/15/19 16:13**	**190315S05**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Motor Oil	36.83	400.0	506.1	117	545.4	127	64-130	7	0-15	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
Project: Project Condor / B71091.00			Page 3 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
19-03-1136-1	**Sample**	**Solid**	**GC 47**	**03/15/19**	**03/15/19 16:35**	**190315S04**
19-03-1136-1	**Matrix Spike**	**Solid**	**GC 47**	**03/15/19**	**03/15/19 15:10**	**190315S04**
19-03-1136-1	**Matrix Spike Duplicate**	**Solid**	**GC 47**	**03/15/19**	**03/15/19 15:31**	**190315S04**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Diesel	24.90	400.0	511.2	122	518.7	123	64-130	1	0-15	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)
Project: Project Condor / B71091.00			Page 4 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
PC-11-0.0-1.0	**Sample**	**Solid**	**GC 4**	**03/12/19**	**03/14/19 04:22**	**190313S019**
PC-11-0.0-1.0	**Matrix Spike**	**Solid**	**GC 4**	**03/12/19**	**03/14/19 04:56**	**190313S019**
PC-11-0.0-1.0	**Matrix Spike Duplicate**	**Solid**	**GC 4**	**03/12/19**	**03/14/19 05:30**	**190313S019**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	ND	10.00	7.441	74	6.899	69	48-114	8	0-23	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3050B
		Method:	EPA 6020
Project: Project Condor / B71091.00			Page 5 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
PC-10-4.0-5.0	**Sample**	**Solid**	**ICP/MS 05**	**03/20/19**	**03/22/19 14:51**	**190320S01**
PC-10-4.0-5.0	**Matrix Spike**	**Solid**	**ICP/MS 05**	**03/20/19**	**03/22/19 14:30**	**190320S01**
PC-10-4.0-5.0	**Matrix Spike Duplicate**	**Solid**	**ICP/MS 05**	**03/20/19**	**03/22/19 14:33**	**190320S01**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Antimony	ND	25.00	5.361	21	5.221	21	1-97	3	0-39	
Arsenic	ND	25.00	27.12	108	26.18	105	72-132	3	0-13	
Barium	114.5	25.00	136.1	4X	137.1	4X	50-152	4X	0-41	Q
Beryllium	ND	25.00	26.52	106	27.46	110	61-121	3	0-13	
Cadmium	ND	25.00	27.22	109	27.83	111	85-121	2	0-12	
Chromium	18.69	25.00	45.79	108	47.05	113	20-182	3	0-15	
Cobalt	10.16	25.00	36.52	105	35.67	102	40-166	2	0-14	
Copper	21.59	25.00	46.60	100	48.66	108	25-157	4	0-22	
Lead	5.252	25.00	30.08	99	30.69	102	62-134	2	0-23	
Molybdenum	ND	25.00	23.98	96	24.40	98	69-123	2	0-13	
Nickel	11.89	25.00	37.18	101	35.77	95	46-154	4	0-15	
Selenium	ND	25.00	23.84	95	25.67	103	54-132	7	0-14	
Silver	ND	12.50	12.62	101	12.57	101	78-126	0	0-15	
Thallium	ND	25.00	24.16	97	25.03	100	79-115	4	0-11	
Vanadium	40.86	25.00	64.73	95	64.83	96	28-178	0	0-28	
Zinc	51.39	25.00	76.86	102	77.05	103	23-173	0	0-18	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 7471A Total
		Method:	EPA 7471A
Project: Project Condor / B71091.00			Page 6 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
PC-10-4.0-5.0	**Sample**	**Solid**	**Mercury 08**	**03/21/19**	**03/21/19 18:49**	**190321S03**
PC-10-4.0-5.0	**Matrix Spike**	**Solid**	**Mercury 08**	**03/21/19**	**03/21/19 18:52**	**190321S03**
PC-10-4.0-5.0	**Matrix Spike Duplicate**	**Solid**	**Mercury 08**	**03/21/19**	**03/21/19 18:54**	**190321S03**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Mercury	ND	0.8350	0.8370	100	0.8528	102	71-137	2	0-14	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3540C
		Method:	EPA 8081A
Project: Project Condor / B71091.00			Page 7 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
PC-12-4.0-5.0	**Sample**	**Solid**	**GC 51**	**03/12/19**	**03/14/19 11:32**	**190312S12**
PC-12-4.0-5.0	**Matrix Spike**	**Solid**	**GC 51**	**03/12/19**	**03/14/19 06:52**	**190312S12**
PC-12-4.0-5.0	**Matrix Spike Duplicate**	**Solid**	**GC 51**	**03/12/19**	**03/14/19 07:06**	**190312S12**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Aldrin	ND	25.00	18.29	73	17.04	68	50-135	7	0-25	
Alpha-BHC	ND	25.00	18.46	74	17.58	70	50-135	5	0-25	
Beta-BHC	ND	25.00	18.37	73	17.49	70	50-135	5	0-25	
4,4'-DDD	ND	25.00	20.85	83	19.88	80	50-135	5	0-25	
4,4'-DDE	ND	25.00	19.46	78	18.48	74	50-135	5	0-25	
4,4'-DDT	ND	25.00	23.06	92	19.80	79	50-135	15	0-25	
Delta-BHC	ND	25.00	18.82	75	18.42	74	50-135	2	0-25	
Dieldrin	ND	25.00	20.02	80	18.86	75	50-135	6	0-25	
Endosulfan I	ND	25.00	20.07	80	18.64	75	50-135	7	0-25	
Endosulfan II	ND	25.00	19.90	80	18.72	75	50-135	6	0-25	
Endosulfan Sulfate	ND	25.00	21.16	85	19.59	78	50-135	8	0-25	
Endrin	ND	25.00	20.16	81	18.40	74	50-135	9	0-25	
Endrin Aldehyde	ND	25.00	19.66	79	17.97	72	50-135	9	0-25	
Gamma-BHC	ND	25.00	18.32	73	17.83	71	50-135	3	0-25	
Heptachlor	ND	25.00	21.51	86	18.45	74	50-135	15	0-25	
Heptachlor Epoxide	ND	25.00	19.30	77	17.99	72	50-135	7	0-25	
Methoxychlor	ND	25.00	20.85	83	19.84	79	50-135	5	0-25	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3540C
		Method:	EPA 8082
Project: Project Condor / B71091.00			Page 8 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
PC-12-0.0-1.0	**Sample**	**Solid**	**GC 58**	**03/12/19**	**03/14/19 02:32**	**190312S13**
PC-12-0.0-1.0	**Matrix Spike**	**Solid**	**GC 58**	**03/12/19**	**03/14/19 01:20**	**190312S13**
PC-12-0.0-1.0	**Matrix Spike Duplicate**	**Solid**	**GC 58**	**03/12/19**	**03/14/19 01:38**	**190312S13**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Aroclor-1016	ND	100.0	110.5	110	151.0	151	50-135	31	0-20	3,4
Aroclor-1260	ND	100.0	294.0	294	423.0	423	50-135	36	0-20	3,4

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3545
		Method:	EPA 8141A
Project: Project Condor / B71091.00			Page 9 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
19-03-0572-2	**Sample**	**Solid**	**GC 68**	**03/12/19**	**03/14/19 21:36**	**190312S09**
19-03-0572-2	**Matrix Spike**	**Solid**	**GC 68**	**03/12/19**	**03/14/19 19:13**	**190312S09**
19-03-0572-2	**Matrix Spike Duplicate**	**Solid**	**GC 68**	**03/12/19**	**03/14/19 20:01**	**190312S09**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Azinphos Methyl	ND	4.000	3.340	84	3.388	85	30-130	1	0-30	
Bolstar	ND	4.000	3.892	97	3.622	91	30-130	7	0-30	
Chlorpyrifos	ND	4.000	3.587	90	3.288	82	30-130	9	0-30	
Coumaphos	ND	4.000	3.777	94	3.262	82	30-130	15	0-30	
Diazinon	ND	4.000	3.827	96	3.556	89	30-130	7	0-30	
Disulfoton	ND	4.000	3.868	97	3.398	85	30-130	13	0-30	
Ethoprop	ND	4.000	3.301	83	3.099	77	30-130	6	0-30	
Fensulfothion	ND	4.000	4.091	102	3.726	93	30-130	9	0-30	
Fenthion	ND	4.000	3.791	95	3.483	87	30-130	8	0-30	
Merphos	ND	4.000	3.663	92	3.388	85	30-130	8	0-30	
Methyl Parathion	ND	4.000	3.620	90	3.406	85	30-130	6	0-30	
Phorate	ND	4.000	3.819	95	3.651	91	30-130	4	0-30	
Ronnel	ND	4.000	3.236	81	3.011	75	30-130	7	0-30	
Stirophos	ND	4.000	3.421	86	3.149	79	30-130	8	0-30	
Tokuthion	ND	4.000	3.531	88	3.254	81	30-130	8	0-30	
Trichloronate	ND	4.000	3.717	93	3.249	81	30-130	13	0-30	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 8151A
		Method:	EPA 8151A
Project: Project Condor / B71091.00			Page 10 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
PC-10-3-9.0-10.0	**Sample**	**Solid**	**GC 40**	**03/12/19**	**03/18/19 14:23**	**190312S17**
PC-10-3-9.0-10.0	**Matrix Spike**	**Solid**	**GC 40**	**03/12/19**	**03/18/19 11:19**	**190312S17**
PC-10-3-9.0-10.0	**Matrix Spike Duplicate**	**Solid**	**GC 40**	**03/12/19**	**03/18/19 11:42**	**190312S17**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
2,4-D	ND	400.0	351.0	88	327.0	82	32-146	7	0-37	
2,4,5-T	ND	40.00	55.00	138	52.00	130	27-147	6	0-37	
2,4-DB	ND	400.0	422.0	106	408.0	102	31-151	3	0-42	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3540C
		Method:	EPA 8270C SIM PAHs
Project: Project Condor / B71091.00			Page 11 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
PC-10-3-9.0-10.0	**Sample**	**Solid**	**GC/MS AAA**	**03/12/19**	**03/15/19 21:14**	**190312S18**
PC-10-3-9.0-10.0	**Matrix Spike**	**Solid**	**GC/MS AAA**	**03/12/19**	**03/15/19 18:19**	**190312S18**
PC-10-3-9.0-10.0	**Matrix Spike Duplicate**	**Solid**	**GC/MS AAA**	**03/12/19**	**03/15/19 18:38**	**190312S18**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Naphthalene	ND	0.2000	0.1860	93	0.1952	98	20-150	5	0-33	
2-Methylnaphthalene	ND	0.2000	0.2054	103	0.2148	107	29-137	4	0-31	
1-Methylnaphthalene	ND	0.2000	0.1847	92	0.1932	97	34-136	5	0-29	
Acenaphthylene	ND	0.2000	0.1603	80	0.1678	84	29-131	5	0-32	
Acenaphthene	ND	0.2000	0.1674	84	0.1762	88	29-137	5	0-28	
Fluorene	ND	0.2000	0.1822	91	0.1916	96	36-132	5	0-27	
Phenanthrene	ND	0.2000	0.1930	96	0.2025	101	20-144	5	0-27	
Anthracene	ND	0.2000	0.1651	83	0.1739	87	26-134	5	0-27	
Fluoranthene	ND	0.2000	0.1854	93	0.1940	97	20-151	5	0-26	
Pyrene	ND	0.2000	0.1934	97	0.2014	101	20-150	4	0-32	
Benzo (a) Anthracene	ND	0.2000	0.1941	97	0.2033	102	24-150	5	0-24	
Chrysene	ND	0.2000	0.1912	96	0.1992	100	25-145	4	0-28	
Benzo (k) Fluoranthene	ND	0.2000	0.1658	83	0.1770	88	28-148	7	0-26	
Benzo (b) Fluoranthene	ND	0.2000	0.2087	104	0.2165	108	21-153	4	0-26	
Benzo (a) Pyrene	ND	0.2000	0.1970	99	0.2071	104	29-149	5	0-22	
Indeno (1,2,3-c,d) Pyrene	ND	0.2000	0.2071	104	0.2190	110	20-154	6	0-25	
Dibenz (a,h) Anthracene	ND	0.2000	0.2169	108	0.2281	114	20-132	5	0-26	
Benzo (g,h,i) Perylene	ND	0.2000	0.2144	107	0.2246	112	20-148	5	0-27	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: Project Condor / B71091.00			Page 12 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
PC-11-0.0-1.0	**Sample**	**Solid**	**GC/MS LL**	**03/12/19**	**03/14/19 11:41**	**190314S003**
PC-11-0.0-1.0	**Matrix Spike**	**Solid**	**GC/MS LL**	**03/12/19**	**03/14/19 12:07**	**190314S003**
PC-11-0.0-1.0	**Matrix Spike Duplicate**	**Solid**	**GC/MS LL**	**03/12/19**	**03/14/19 12:33**	**190314S003**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Benzene	ND	50.00	32.62	65	30.89	62	61-127	5	0-20	
Carbon Tetrachloride	ND	50.00	31.57	63	31.18	62	51-135	1	0-29	
Chlorobenzene	ND	50.00	28.81	58	26.82	54	57-123	7	0-20	3
1,2-Dibromoethane	ND	50.00	31.87	64	30.76	62	64-124	4	0-20	3
1,2-Dichlorobenzene	ND	50.00	23.72	47	23.63	47	35-131	0	0-25	
1,2-Dichloroethane	ND	50.00	36.12	72	35.22	70	80-120	3	0-20	3
1,1-Dichloroethene	ND	50.00	30.02	60	29.03	58	47-143	3	0-25	
Ethylbenzene	ND	50.00	29.80	60	28.31	57	57-129	5	0-22	
Toluene	ND	50.00	31.30	63	29.79	60	63-123	5	0-20	3
Trichloroethene	ND	50.00	32.45	65	30.98	62	44-158	5	0-20	
Vinyl Chloride	ND	50.00	41.66	83	38.59	77	49-139	8	0-47	
p/m-Xylene	ND	100.0	57.57	58	55.89	56	70-130	3	0-30	3
o-Xylene	ND	50.00	29.49	59	28.93	58	70-130	2	0-30	3
Methyl-t-Butyl Ether (MTBE)	ND	50.00	35.84	72	36.63	73	57-123	2	0-21	
Tert-Butyl Alcohol (TBA)	ND	250.0	185.9	74	187.2	75	30-168	1	0-34	
Diisopropyl Ether (DIPE)	ND	50.00	34.85	70	35.02	70	57-129	0	0-20	
Ethyl-t-Butyl Ether (ETBE)	ND	50.00	36.01	72	35.27	71	55-127	2	0-20	
Tert-Amyl-Methyl Ether (TAME)	ND	50.00	36.95	74	36.40	73	58-124	1	0-20	
Ethanol	ND	500.0	3.016	1	0.1273	0	17-167	184	0-47	3,4

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: Project Condor / B71091.00			Page 13 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
PC-11-4.0-5.0	**Sample**	**Solid**	**GC/MS LL**	**03/15/19**	**03/15/19 14:51**	**190315S005**
PC-11-4.0-5.0	**Matrix Spike**	**Solid**	**GC/MS LL**	**03/15/19**	**03/15/19 15:44**	**190315S005**
PC-11-4.0-5.0	**Matrix Spike Duplicate**	**Solid**	**GC/MS LL**	**03/15/19**	**03/15/19 16:10**	**190315S005**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Benzene	ND	50.00	36.99	74	38.28	77	61-127	3	0-20	
Carbon Tetrachloride	ND	50.00	33.82	68	37.02	74	51-135	9	0-29	
Chlorobenzene	ND	50.00	36.71	73	37.92	76	57-123	3	0-20	
1,2-Dibromoethane	ND	50.00	44.81	90	44.59	89	64-124	0	0-20	
1,2-Dichlorobenzene	ND	50.00	39.10	78	39.28	79	35-131	0	0-25	
1,2-Dichloroethane	ND	50.00	42.97	86	43.11	86	80-120	0	0-20	
1,1-Dichloroethene	ND	50.00	33.39	67	35.31	71	47-143	6	0-25	
Ethylbenzene	ND	50.00	35.87	72	36.26	73	57-129	1	0-22	
Toluene	ND	50.00	37.36	75	38.33	77	63-123	3	0-20	
Trichloroethene	ND	50.00	37.64	75	37.12	74	44-158	1	0-20	
Vinyl Chloride	ND	50.00	47.57	95	48.78	98	49-139	3	0-47	
p/m-Xylene	ND	100.0	71.39	71	72.69	73	70-130	2	0-30	
o-Xylene	ND	50.00	37.98	76	38.06	76	70-130	0	0-30	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	44.03	88	45.39	91	57-123	3	0-21	
Tert-Butyl Alcohol (TBA)	ND	250.0	218.6	87	215.6	86	30-168	1	0-34	
Diisopropyl Ether (DIPE)	ND	50.00	38.48	77	40.30	81	57-129	5	0-20	
Ethyl-t-Butyl Ether (ETBE)	ND	50.00	40.69	81	42.67	85	55-127	5	0-20	
Tert-Amyl-Methyl Ether (TAME)	ND	50.00	43.75	87	44.83	90	58-124	2	0-20	
Ethanol	ND	500.0	467.7	94	486.8	97	17-167	4	0-47	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3050B
		Method:	EPA 6020
Project: Project Condor / B71091.00			Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
PC-10-4.0-5.0	**Sample**	**Solid**	**ICP/MS 05**	**03/20/19 00:00**	**03/22/19 14:51**	**190320S01**
PC-10-4.0-5.0	**PDS**	**Solid**	**ICP/MS 05**	**03/20/19 00:00**	**03/22/19 14:36**	**190320S01**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Antimony	ND	25.00	28.29	113	75-125	
Arsenic	ND	25.00	28.07	112	75-125	
Barium	114.5	25.00	140.9	4X	75-125	Q
Beryllium	ND	25.00	27.14	109	75-125	
Cadmium	ND	25.00	26.81	107	75-125	
Chromium	18.69	25.00	46.56	111	75-125	
Cobalt	10.16	25.00	37.14	108	75-125	
Copper	21.59	25.00	47.97	106	75-125	
Lead	5.252	25.00	29.78	98	75-125	
Molybdenum	ND	25.00	26.00	104	75-125	
Nickel	11.89	25.00	36.80	100	75-125	
Selenium	ND	25.00	23.43	94	75-125	
Silver	ND	12.50	12.27	98	75-125	
Thallium	ND	25.00	23.95	96	75-125	
Vanadium	40.86	25.00	68.54	111	75-125	
Zinc	51.39	25.00	81.13	119	75-125	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Sample Duplicate

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	N/A
		Method:	ASTM D-2216 (M)
Project: Project Condor / B71091.00			Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
19-03-1032-1	**Sample**	**Solid**	**N/A**	**03/14/19 00:00**	**03/14/19 15:30**	**J0314MOID1**
19-03-1032-1	**Sample Duplicate**	**Solid**	**N/A**	**03/14/19 00:00**	**03/14/19 15:30**	**J0314MOID1**

Parameter	Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Moisture	78.80	79.20	1	0-10	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3060A
		Method:	EPA 7199
Project: Project Condor / B71091.00			Page 1 of 15

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-05-125-3436	**LCS**	**Solid**	**IC 11**	**03/12/19**	**03/13/19 16:09**	**190312L01P**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Chromium, Hexavalent	20000	19040	95	80-120	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
Project: Project Condor / B71091.00			Page 2 of 15

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-420-3133	**LCS**	**Solid**	**GC 47**	**03/15/19**	**03/20/19 03:39**	**190315B05S**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
TPH as Motor Oil	400.0	437.7	109	75-123	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
Project: Project Condor / B71091.00			Page 3 of 15

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-422-4158	**LCS**	**Solid**	**GC 47**	**03/15/19**	**03/20/19 03:17**	**190315B04S**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
TPH as Diesel	400.0	389.3	97	75-123	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5035
		Method:	EPA 8015B (M)
Project: Project Condor / B71091.00			Page 4 of 15

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-285-7069	**LCS**	**Solid**	**GC 25**	**03/11/19**	**03/11/19 11:58**	**190311L031**
099-12-285-7069	**LCSD**	**Solid**	**GC 25**	**03/11/19**	**03/11/19 12:31**	**190311L031**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	2.000	1.918	96	1.832	92	55-139	5	0-18	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)
Project: Project Condor / B71091.00			Page 5 of 15

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-14-571-4720	**LCS**	**Solid**	**GC 4**	**03/13/19**	**03/13/19 11:49**	**190313L049**
099-14-571-4720	**LCSD**	**Solid**	**GC 4**	**03/13/19**	**03/13/19 12:23**	**190313L049**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	10.00	8.379	84	8.200	82	70-124	2	0-18	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3050B
		Method:	EPA 6020
Project: Project Condor / B71091.00			Page 6 of 15

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-15-621-1837	**LCS**	**Solid**	**ICP/MS 05**	**03/20/19**	**03/22/19 02:26**	**190320L01**
099-15-621-1837	**LCSD**	**Solid**	**ICP/MS 05**	**03/20/19**	**03/22/19 02:29**	**190320L01**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Antimony	25.00	26.97	108	28.89	116	80-120	73-127	7	0-20	
Arsenic	25.00	26.98	108	26.83	107	80-120	73-127	1	0-20	
Barium	25.00	25.39	102	25.02	100	80-120	73-127	1	0-20	
Beryllium	25.00	27.77	111	27.83	111	80-120	73-127	0	0-20	
Cadmium	25.00	27.30	109	27.16	109	80-120	73-127	1	0-20	
Chromium	25.00	28.23	113	27.93	112	80-120	73-127	1	0-20	
Cobalt	25.00	27.51	110	27.61	110	80-120	73-127	0	0-20	
Copper	25.00	25.40	102	25.46	102	80-120	73-127	0	0-20	
Lead	25.00	26.90	108	27.12	108	80-120	73-127	1	0-20	
Molybdenum	25.00	28.40	114	28.81	115	80-120	73-127	1	0-20	
Nickel	25.00	26.46	106	26.47	106	80-120	73-127	0	0-20	
Selenium	25.00	21.63	87	22.68	91	80-120	73-127	5	0-20	
Silver	12.50	12.12	97	12.26	98	80-120	73-127	1	0-20	
Thallium	25.00	25.18	101	25.07	100	80-120	73-127	0	0-20	
Vanadium	25.00	21.97	88	21.30	85	80-120	73-127	3	0-20	
Zinc	25.00	26.04	104	25.67	103	80-120	73-127	1	0-20	

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 7471A Total
		Method:	EPA 7471A
Project: Project Condor / B71091.00			Page 7 of 15

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-272-4486	**LCS**	**Solid**	**Mercury 08**	**03/21/19**	**03/21/19 18:47**	**190321L03**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Mercury	0.8350	0.8042	96	85-121	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3540C
		Method:	EPA 8081A
Project: Project Condor / B71091.00			Page 8 of 15

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-537-3117	**LCS**	**Solid**	**GC 51**	**03/12/19**	**03/14/19 06:09**	**190312L12**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Aldrin	25.00	17.12	68	50-135	36-149	
Alpha-BHC	25.00	17.72	71	50-135	36-149	
Beta-BHC	25.00	17.44	70	50-135	36-149	
4,4'-DDD	25.00	20.25	81	50-135	36-149	
4,4'-DDE	25.00	18.50	74	50-135	36-149	
4,4'-DDT	25.00	20.46	82	50-135	36-149	
Delta-BHC	25.00	17.55	70	50-135	36-149	
Dieldrin	25.00	17.94	72	50-135	36-149	
Endosulfan I	25.00	21.32	85	50-135	36-149	
Endosulfan II	25.00	19.03	76	50-135	36-149	
Endosulfan Sulfate	25.00	19.81	79	50-135	36-149	
Endrin	25.00	18.58	74	50-135	36-149	
Endrin Aldehyde	25.00	13.42	54	50-135	36-149	
Gamma-BHC	25.00	17.83	71	50-135	36-149	
Heptachlor	25.00	18.47	74	50-135	36-149	
Heptachlor Epoxide	25.00	18.16	73	50-135	36-149	
Methoxychlor	25.00	20.46	82	50-135	36-149	

Total number of LCS compounds: 17
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3540C
		Method:	EPA 8082
Project: Project Condor / B71091.00			Page 9 of 15

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-535-5124	**LCS**	**Solid**	**GC 58**	**03/12/19**	**03/14/19 01:02**	**190312L13**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Aroclor-1016	100.0	105.0	105	50-135	
Aroclor-1260	100.0	102.0	102	50-135	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3545
		Method:	EPA 8141A
Project: Project Condor / B71091.00			Page 10 of 15

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-973-418	**LCS**	**Solid**	**GC 68**	**03/12/19**	**03/14/19 15:52**	**190312L09**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Azinphos Methyl	4.000	3.641	91	30-150	10-170	
Bolstar	4.000	3.819	95	42-150	24-168	
Chlorpyrifos	4.000	3.458	86	44-128	30-142	
Coumaphos	4.000	3.416	85	40-142	23-159	
Diazinon	4.000	3.743	94	38-146	20-164	
Disulfoton	4.000	3.699	92	39-153	20-172	
Ethoprop	4.000	3.295	82	39-141	22-158	
Fensulfothion	4.000	3.938	98	31-163	9-185	
Fenthion	4.000	3.640	91	37-145	19-163	
Merphos	4.000	3.468	87	39-135	23-151	
Methyl Parathion	4.000	3.499	87	45-153	27-171	
Phorate	4.000	3.931	98	48-162	29-181	
Ronnel	4.000	3.141	79	44-122	31-135	
Stirophos	4.000	3.250	81	33-141	15-159	
Tokuthion	4.000	3.395	85	44-128	30-142	
Trichloronate	4.000	3.471	87	35-137	18-154	

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 8151A
		Method:	EPA 8151A
Project: Project Condor / B71091.00			Page 11 of 15

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
095-01-033-1649	**LCS**	**Solid**	**GC 40**	**03/12/19**	**03/18/19 10:56**	**190312L17**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
2,4-D	400.0	322.0	80	49-127	
2,4,5-T	40.00	33.00	82	31-145	
2,4-DB	400.0	341.0	85	48-132	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 3540C
		Method:	EPA 8270C SIM PAHs
Project: Project Condor / B71091.00			Page 12 of 15

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-06-010-3011	**LCS**	**Solid**	**GC/MS AAA**	**03/12/19**	**03/15/19 17:59**	**190312L18**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Naphthalene	0.2000	0.1918	96	51-129	38-142	
2-Methylnaphthalene	0.2000	0.2121	106	50-127	37-140	
1-Methylnaphthalene	0.2000	0.1902	95	54-132	41-145	
Acenaphthylene	0.2000	0.1678	84	50-123	38-135	
Acenaphthene	0.2000	0.1732	87	53-125	41-137	
Fluorene	0.2000	0.1895	95	55-127	43-139	
Phenanthrene	0.2000	0.1995	100	50-122	38-134	
Anthracene	0.2000	0.1720	86	50-132	36-146	
Fluoranthene	0.2000	0.1953	98	55-127	43-139	
Pyrene	0.2000	0.2028	101	50-134	36-148	
Benzo (a) Anthracene	0.2000	0.2017	101	50-133	36-147	
Chrysene	0.2000	0.1973	99	51-129	38-142	
Benzo (k) Fluoranthene	0.2000	0.1779	89	49-150	32-167	
Benzo (b) Fluoranthene	0.2000	0.2229	111	50-142	35-157	
Benzo (a) Pyrene	0.2000	0.2039	102	50-134	36-148	
Indeno (1,2,3-c,d) Pyrene	0.2000	0.2157	108	50-148	34-164	
Dibenz (a,h) Anthracene	0.2000	0.2238	112	50-133	36-147	
Benzo (g,h,i) Perylene	0.2000	0.2235	112	50-130	37-143	

Total number of LCS compounds: 18
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5035
		Method:	EPA 8260B
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Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-30819	**LCS**	**Solid**	**GC/MS QQ**	**03/11/19**	**03/11/19 10:24**	**190311L054**
095-01-025-30819	**LCSD**	**Solid**	**GC/MS QQ**	**03/11/19**	**03/11/19 10:53**	**190311L054**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	50.00	50.95	102	45.47	91	80-120	73-127	11	0-20	
Carbon Tetrachloride	50.00	52.52	105	47.16	94	65-137	53-149	11	0-20	
Chlorobenzene	50.00	50.69	101	45.20	90	80-120	73-127	11	0-20	
1,2-Dibromoethane	50.00	49.90	100	43.46	87	80-120	73-127	14	0-20	
1,2-Dichlorobenzene	50.00	51.27	103	44.62	89	80-120	73-127	14	0-20	
1,2-Dichloroethane	50.00	49.19	98	42.88	86	80-120	73-127	14	0-20	
1,1-Dichloroethene	50.00	49.65	99	45.49	91	68-128	58-138	9	0-20	
Ethylbenzene	50.00	51.56	103	46.29	93	80-120	73-127	11	0-20	
Toluene	50.00	52.49	105	46.92	94	80-120	73-127	11	0-20	
Trichloroethene	50.00	52.35	105	46.52	93	80-120	73-127	12	0-20	
Vinyl Chloride	50.00	44.84	90	46.69	93	67-127	57-137	4	0-20	
p/m-Xylene	100.0	101.6	102	91.30	91	75-125	67-133	11	0-25	
o-Xylene	50.00	51.91	104	45.96	92	75-125	67-133	12	0-25	
Methyl-t-Butyl Ether (MTBE)	50.00	40.77	82	34.96	70	70-124	61-133	15	0-20	
Tert-Butyl Alcohol (TBA)	250.0	269.2	108	239.7	96	73-121	65-129	12	0-20	
Diisopropyl Ether (DIPE)	50.00	49.81	100	43.85	88	69-129	59-139	13	0-20	
Ethyl-t-Butyl Ether (ETBE)	50.00	44.21	88	38.20	76	70-124	61-133	15	0-20	
Tert-Amyl-Methyl Ether (TAME)	50.00	49.16	98	42.18	84	74-122	66-130	15	0-20	
Ethanol	500.0	784.2	157	676.6	135	51-135	37-149	15	0-27	X

Total number of LCS compounds: 19
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5030C
		Method:	EPA 8260B
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Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-796-15188	**LCS**	**Solid**	**GC/MS LL**	**03/14/19**	**03/14/19 09:58**	**190314L007**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Benzene	50.00	49.57	99	80-120	73-127	
Carbon Tetrachloride	50.00	48.89	98	65-137	53-149	
Chlorobenzene	50.00	48.06	96	80-120	73-127	
1,2-Dibromoethane	50.00	50.89	102	80-120	73-127	
1,2-Dichlorobenzene	50.00	48.31	97	80-120	73-127	
1,2-Dichloroethane	50.00	51.51	103	80-120	73-127	
1,1-Dichloroethene	50.00	45.46	91	68-128	58-138	
Ethylbenzene	50.00	46.49	93	80-120	73-127	
Toluene	50.00	49.26	99	80-120	73-127	
Trichloroethene	50.00	51.61	103	80-120	73-127	
Vinyl Chloride	50.00	48.88	98	67-127	57-137	
p/m-Xylene	100.0	93.19	93	75-125	67-133	
o-Xylene	50.00	47.87	96	75-125	67-133	
Methyl-t-Butyl Ether (MTBE)	50.00	51.72	103	70-124	61-133	
Tert-Butyl Alcohol (TBA)	250.0	226.8	91	73-121	65-129	
Diisopropyl Ether (DIPE)	50.00	49.93	100	69-129	59-139	
Ethyl-t-Butyl Ether (ETBE)	50.00	50.71	101	70-124	61-133	
Tert-Amyl-Methyl Ether (TAME)	50.00	52.36	105	74-122	66-130	
Ethanol	500.0	497.1	99	51-135	37-149	

Total number of LCS compounds: 19
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

EKI Environment & Water, Inc.		Date Received:	03/08/19
2355 Main Street, Suite 210		Work Order:	19-03-0690
Irvine, CA 92614-4252		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: Project Condor / B71091.00			Page 15 of 15

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-796-15194	**LCS**	**Solid**	**GC/MS LL**	**03/15/19**	**03/15/19 13:04**	**190315L019**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Benzene	50.00	50.25	100	80-120	73-127	
Carbon Tetrachloride	50.00	50.61	101	65-137	53-149	
Chlorobenzene	50.00	50.96	102	80-120	73-127	
1,2-Dibromoethane	50.00	51.61	103	80-120	73-127	
1,2-Dichlorobenzene	50.00	50.16	100	80-120	73-127	
1,2-Dichloroethane	50.00	51.25	102	80-120	73-127	
1,1-Dichloroethene	50.00	45.14	90	68-128	58-138	
Ethylbenzene	50.00	49.21	98	80-120	73-127	
Toluene	50.00	51.21	102	80-120	73-127	
Trichloroethene	50.00	51.53	103	80-120	73-127	
Vinyl Chloride	50.00	56.05	112	67-127	57-137	
p/m-Xylene	100.0	98.96	99	75-125	67-133	
o-Xylene	50.00	51.02	102	75-125	67-133	
Methyl-t-Butyl Ether (MTBE)	50.00	59.42	119	70-124	61-133	
Tert-Butyl Alcohol (TBA)	250.0	240.7	96	73-121	65-129	
Diisopropyl Ether (DIPE)	50.00	50.73	101	69-129	59-139	
Ethyl-t-Butyl Ether (ETBE)	50.00	56.12	112	70-124	61-133	
Tert-Amyl-Methyl Ether (TAME)	50.00	51.02	102	74-122	66-130	
Ethanol	500.0	526.6	105	51-135	37-149	

Total number of LCS compounds: 19
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 19-03-0690 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
ASTM D-2216 (M)	N/A	1136	N/A	1
EPA 6020	EPA 3050B	598	ICP/MS 05	1
EPA 7199	EPA 3060A	1157	IC 11	1
EPA 7471A	EPA 7471A Total	868	Mercury 08	1
EPA 8015B (M)	EPA 5035	607	GC 25	2
EPA 8015B (M)	EPA 3550B	1028	GC 47	1
EPA 8015B (M)	EPA 5030C	715	GC 4	2
EPA 8081A	EPA 3540C	669	GC 51	1
EPA 8082	EPA 3540C	669	GC 58	1
EPA 8141A	EPA 3545	1096	GC 68	1
EPA 8151A	EPA 8151A	669	GC 40	1
EPA 8260B	EPA 5035	486	GC/MS QQ	2
EPA 8260B	EPA 5030C	1120	GC/MS LL	2
EPA 8270C SIM PAHs	EPA 3540C	923	GC/MS AAA	1

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Glossary of Terms and Qualifiers

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Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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Revised COC received from Matt Pendleton (EKI) on 03/11/2019 at 13:52pm.
- Virendra (ECI)

EKI Environment & Water, Inc. — **CHAIN OF CUSTODY RECORD** — **19-03-0690** — PAGE 1 OF 2

CONSULTING ENGINEERS AND SCIENTISTS — 577 Airport Boulevard, Suite 500, Burlingame CA 94010 — PHONE: 650-292-9100 — http://www.ekiconsult.com

Project Name: Project Condor

Project No.: B71091.00

EKI COC No.: (YYYYMMDD-#) —

Location: century & Prairie, Inglewood

Sampled By: Matt Pendleton

Reporting:

Electronic Format: EDD Hard Copy Format: PDF

Laboratory: Eurofins Calscience, Inc.
7440 Lincoln Way
Garden Grove, CA 92841
(714) 895-5494

EPA Data Report Level:

Please report results to the following people:
(1) Data Archive: labs@ekiconsult.com
(2) James Yoon: jyoon@ekiconsult.com
(3) Giuseppe Cefalu: gcefalu@ekiconsult.com
(4) Matt Pendleton: mpendleton@ekiconsult.com

Revision: A (A, B, C, D, etc.)

Date: 3/11/19 By: MWP

Matt W. Pendleton

ANALYSES REQUESTED

Field Sample ID	Lab Sample No.	Date	Time	Matrix	Container Count & Type	TPH - Gasoline (EPA 8015BM; EPA 5035 Prep)	TPH - Diesel and Motor Oil (EPA 8015BM)	Oxygenates VOCs and Fuel (EPA 8260B; EPA 5035 Prep)	CA Title 22 Metals and Mercury (EPA 6020/7471A)	Hexavalent Chromium (EPA 7199)	Organochlorine Pesticides (EPA 8081; EPA 3540C Prep)	Hydrocarbons Polynuclear Aromatic (EPA 8270C SIM; EPA 3540C Prep)	Polychlorinated Biphenyls (EPA 8082; EPA 3540C Prep)	Organophosphorous Pesticides (EPA 8141A)	Chlorinated Herbicides (EPA 8151A)	Moisture Content (ASTM D-2216)	Arsenic (EPA 6020)	Lead (EPA 6020)	EXPECTED TURNAROUND TIME	Remarks
PC-11-1-0.0-1.0	1	3/8/19	1215	Soil	7															
PC-11-2-0.0-1.0	2		1150	Soil	7															
PC-11-3-0.0-1.0	3		1330	Soil	7															
PC-11-0.0-1.0	4		—	Soil	—	X	X	X	X	X	X	X	X	X	X	X			10D	(STD)
PC-11-1-4.0-5.0	5		1225	Soil	7															
PC-11-2-4.0-5.0	6		1200	Soil	7															
PC-11-3-4.0-5.0	7		1400	Soil	7															
PC-11-4.0-5.0	8		—	Soil	—	X	X	X	X	X	X	X	X	X	X	X			10D	(STD)
PC-12-0.0-1.0	9		1445	Soil	8	X	X	X	X	X	X	X	X	X	X	X			10D	(STD)
~~PC-12-0.0-1.0~~ PC-12-4.0-5.0	10	MWP 3/11/19	1500	Soil	8	X	X	X	X	X	X	X	X	X	X	X			10D	(STD)
CON-PC-10X-9-1	11		1346	Soil	1												X	X	STD	
CON-PC-11X-3-1	12		1500	Soil	1												X	X	STD	
CON-PC-11X-12-2	13		1515	Soil	1												X	X	STD	
CON-PC-12X-1-1	14		1600	Soil	1												X	X	STD	

Special Instructions:
Please report soil sample results in dry weight. Please report data down to the MDLs to include "J" flags.
PC-11-0.0-1.0 = Please composite PC-11-1-0.0-1.0, PC-11-2-0.0-1.0, and PC-11-3-0.0-1.0 and Run for tests indicated MWP
PC-11-4.0-5.0 = Please composite PC-11-1-4.0-5.0, PC-11-2-4.0-5.0, and PC-11-3-4.0-5.0 and Run for tests indicated MWP 3/11/19

Relinquished by: (Signature/Affiliation)	Date & Time	Received by: (Signature/Affiliation or Carrier/Air Bill No.)
Matthew Pendleton EKI	1620 3/8/19	GC
GC	3/8/19 1850	

Soil Sample COC B71091.00

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EKI Environment & Water, Inc. — CONSULTING ENGINEERS AND SCIENTISTS

CHAIN OF CUSTODY RECORD 19-03-0690

577 Airport Boulevard, Suite 500, Burlingame CA 94010 PHONE: 650-292-9100 http://www.ekiconsult.com

Project Name: Project Condor

Project No.: B71091.00

EKI COC No.: (YYYYMMDD-#)

Location: century + Prairie, Inglewood

Sampled By: Matt Pendleton

Reporting:

Electronic Format: EDD Hard Copy Format: PDF

EPA Data Report Level:

Please report results to the following people:
(1) Data Archive: labs@ekiconsult.com
(2) James Yoon: jyoon@ekiconsult.com
(3) Giuseppe Cefalu: gcefalu@ekiconsult.com
(4) Matt Pendleton: mpendleton@ekiconsult.com

Laboratory:
Eurofins Calscience, Inc.
7440 Lincoln Way
Garden Grove, CA 92841
(714) 895-5494

Revision: _____ (A, B, C, D, etc.)

Date: By:

ANALYSES REQUESTED

Field Sample ID	Lab Sample No.	Date	Time	Matrix	Container Count & Type	TPH - Gasoline (EPA 8015BM; EPA 5035 Prep)	TPH - Diesel and Motor Oil (EPA 8015BM)	VOCs and Fuel Oxygenates (EPA 8260B; EPA 5035 Prep)	CA Title 22 Metals and Mercury (EPA 6020/7471A)	Hexavalent Chromium (EPA 7199)	Organochlorine Pesticides (EPA 8081; EPA 3540C Prep)	Polynuclear Aromatic Hydrocarbons (EPA 8270C SIM; EPA 3540C Prep)	Polychlorinated Biphenyls (EPA 8082; EPA 3540C Prep)	Organophosphorous Pesticides (EPA 8141A)	Chlorinated Herbicides (EPA 8151A)	Moisture Content (ASTM D-2216)	Arsenic (EPA 6020)	Lead (EPA 6020)	EXPECTED TURNAROUND TIME	Remarks
PC-11-1-0.0-1.0	1	3/8/19	1215	Soil	7															
PC-11-2-0.0-1.0	2	↓	1150	Soil	7															
PC-11-3-0.0-1.0	3	↓	1330	Soil	7															
PC-11-0.0-1.0	4	↓	—	Soil	—	X	X	X	X	X	X	X	X	X	X	X			10D	(STD)
PC-11-1-4.0-5.0	5	↓	1225	Soil	7															
PC-11-2-4.0-5.0	6	↓	1200	Soil	7															
PC-11-3-4.0-5.0	7	↓	1400	Soil	7															
PC-11-4.0-5.0	8	↓	—	Soil	—	X	X	X	X	X	X	X	X	X	X	X			10D	(STD)
PC-12-0.0-1.0	9	↓	1445	Soil	8	X	X	X	X	X	X	X	X	X	X	X			10D	(STD)
PC-12-0.0-1.0	10	↓	1500	Soil	8	X	X	X	X	X	X	X	X	X	X	X			10D	(STD)
con-PC-10x-9-1	11	↓	1346	Soil	1												X	X	STD	
con-PC-11x-3-1	12	↓	1500	Soil	1												X	X	STD	
con-PC-11x-12-2	13	↓	1515	Soil	1												X	X	STD	
con-PC-12x-1-1	14	↓	1600	Soil	1												X	X	STD	

Special Instructions:
Please report soil sample results in dry weight. Please report data down to the MDLs to include "J" flags.
PC-11-0.0-1.0 = Please composite PC-11-1-0.0-1.0, PC-11-2-0.0-1.0, and PC-11-3-0.0-1.0 and Runfor tests indicated.

Relinquished by: (Signature/Affiliation)	Date & Time	Received by: (Signature/Affiliation or Carrier/Air Bill No.)
Matthew Pendleton EKI	1620 3/8/19	EC
EC	3/8/19 1850	

Soil Sample COC B71091.00

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EKI Environment & Water, Inc. — **CHAIN OF CUSTODY RECORD** — 0690 — PAGE 2 OF 2

CONSULTING ENGINEERS AND SCIENTISTS — 577 Airport Boulevard, Suite 500, Burlingame CA 94010 — PHONE: 650-292-9100 — http://www.ekiconsult.com

Project Name: Project Condor

Project No.: B71091.00

EKI COC No.: (YYYYMMDD-#)

Location: Century + Prairie, Inglewood

Sampled By: Matt Pendleton

Reporting:

Electronic Format: EDD Hard Copy Format: PDF

EPA Data Report Level:

Please report results to the following people:
(1) Data Archive: labs@ekiconsult.com
(2) James Yoon: jyoon@ekiconsult.com
(3) Giuseppe Cefalu: gcefalu@ekiconsult.com
(4) Matt Pendleton: mpendleton@ekiconsult.com

Laboratory:
Eurofins Calscience, Inc.
7440 Lincoln Way
Garden Grove, CA 92841
(714) 895-5494

Revision: _____ (A, B, C, D, etc.)

Date: By:

ANALYSES REQUESTED

Field Sample ID	Lab Sample No.	Date	Time	Matrix	Container Count & Type	TPH - Gasoline (EPA 8015BM; EPA 5035 Prep)	TPH - Diesel and Motor Oil (EPA 8015BM)	VOCs and Fuel Oxygenates (EPA 8260B; EPA 5035 Prep)	CA Title 22 Metals and Mercury (EPA 6020/7471A)	Hexavalent Chromium (EPA 7199)	Organochlorine Pesticides (EPA 8081; EPA 3540C Prep)	Polynuclear Aromatic Hydrocarbons (EPA 8270C SIM; EPA 3540C Prep)	Polychlorinated Biphenyls (EPA 8082; EPA 3540C Prep)	Organophosphorous Pesticides (EPA 8141A)	Chlorinated Herbicides (EPA 8151A)	Moisture Content (ASTM D-2216)	Arsenic (EPA 6020)	Lead (EPA 6020)	EXPECTED TURNAROUND TIME	Remarks
PC-10-1-0.0-1.0	15	3/8/19	1130	Soil	7															
PC-10-2-0.0-1.0	16	↓	0930	Soil	7															
PC-10-3-0.0-1.0	17	↓	1020	Soil	7															
PC-10-4-0.0-1.0	18	↓	0950	Soil	7															
PC-10-0.0-1.0	19	↓	—	Soil	—	X	X	X	X	X	X	X	X	X	X	X			STD	
PC-10-1-4.0-5.0	20	↓	1145	Soil	7															
PC-10-2-4.0-5.0	21	↓	0940	Soil	7															
PC-10-3-4.0-5.0	22	↓	1035	Soil	7															
PC-10-4-4.0-5.0	23	↓	1000	Soil	7															
PC-10-4.0-5.0	24	↓	—	Soil	—	X	X	X	X	X	X	X	X	X	X	X			STD	
PC-10-3-9.0-10.0	25	↓	1045	Soil	8	X	X	X	X	X	X	X	X	X	X	X			STD	

Special Instructions:
Please report soil sample results in dry weight. Please report data down to the MDLs to include "J" flags.
PC-10-0.0-1.0 = Composite PC-10-1-0.0-1.0, PC-10-2-0.0-1.0, PC-10-3-0.0-1.0, And PC-10-4-0.0-1.0 and run for Tests indicated
PC-10-4.0-5.0 = Composite PC-10-1-4.0-5.0, PC-10-2-4.0-5.0, PC-10-3-4.0-5.0, and PC-10-4-4.0-5.0 and run for tests indicated

Relinquished by: (Signature/Affiliation)	Date & Time	Received by: (Signature/Affiliation or Carrier/Air Bill No.)
Nathan Pendleton EKI	1420 3/8/2019	[signature] GC
Relinquished by: (Signature/Affiliation)	Date & Time	Received by: (Signature/Affiliation)
[signature] GC	3/8/19 1850	[signature]
Relinquished by: (Signature/Affiliation)	Date & Time	Received by: (Signature/Affiliation)

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WORK ORDER NUMBER: 19-03-0690

SAMPLE RECEIPT CHECKLIST

COOLER 2 OF 2

CLIENT: EKI ENVIRONMENT & WATER INC.

DATE: 03/8/2019

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC6 (CF: -0.5°C); Temperature (w/o CF): 2.6 °C (w/ CF): 2.1 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter

Checked by: 676

CUSTODY SEAL:

Cooler	☐ Present and Intact	☐ Present but Not Intact	☑ Not Present	☐ N/A	Checked by: 676
Sample(s)	☐ Present and Intact	☐ Present but Not Intact	☑ Not Present	☐ N/A	Checked by: 1182

SAMPLE CONDITION:

	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☐	☑	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Acid/base preserved samples - pH within acceptable range	☐	☐	☑
Container(s) for certain analysis free of headspace	☐	☐	☑
☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: _____)

Aqueous: ☐ VOA ☐ VOA**h** ☐ VOA**na₂** ☐ 100PJ ☐ 100PJ**na₂** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB ☐ 125PB**znna** (pH__9)
☐ 250AGB ☐ 250CGB ☐ 250CGB**s** (pH__2) ☐ 250PB ☐ 250PB**n** (pH__2) ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s** (pH__2) ☐ 500PB
☐ 1AGB ☐ 1AGB**na₂** ☐ 1AGB**s** (pH__2) ☐ 1AGB**s** (O&G) ☐ 1PB ☐ 1PB**na** (pH__12) ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☑ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (___) ☐ EnCores® (___) ☑ TerraCores® (5) ☑ 2oz PJ ☐ _____ ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na₂** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **x** = Na_2SO_3+$NaHSO_4.H_2O$, **znna** = Zn $(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 1182

Reviewed by: 1053

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WORK ORDER NUMBER: 19-03-0690

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 2

CLIENT: EKI ENVIRONMENT & WATER INC.

DATE: 03/8/2019

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC6 (CF: -0.5°C); Temperature (w/o CF): 2.7 °C (w/ CF): 2.2 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter

Checked by: 676

CUSTODY SEAL:

Cooler	☐ Present and Intact	☐ Present but Not Intact	☑ Not Present	☐ N/A	Checked by: 676
Sample(s)	☐ Present and Intact	☐ Present but Not Intact	☑ Not Present	☐ N/A	Checked by: 1182

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Acid/base preserved samples - pH within acceptable range	☐	☐	☑
Container(s) for certain analysis free of headspace	☐	☐	☑
☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: _____)

Aqueous: ☐ VOA ☐ VOA**h** ☐ VOA**na₂** ☐ 100PJ ☐ 100PJ**na₂** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB ☐ 125PB**znna** (pH__9)
☐ 250AGB ☐ 250CGB ☐ 250CGB**s** (pH__2) ☐ 250PB ☐ 250PB**n** (pH__2) ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s** (pH__2) ☐ 500PB
☐ 1AGB ☐ 1AGB**na₂** ☐ 1AGB**s** (pH__2) ☐ 1AGB**s** (O&G) ☐ 1PB ☐ 1PB**na** (pH__12) ☐ _____ ☐ _____ ☐ _____
Solid: ☐ 4ozCGJ ☑ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (___) ☑ EnCores® (___) ☑ TerraCores® (5) ☑ 2ozPJ ☐ _____ ☐ _____
Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na₂** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **x** = Na_2SO_3+$NaHSO_4.H_2O$, **znna** = Zn $(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 1182

Reviewed by: 1053

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WORK ORDER NUMBER: 19-03-0690

SAMPLE ANOMALY REPORT

DATE: 03/ 8 / 2019

SAMPLES, CONTAINERS, AND LABELS:

- ☐ Sample(s) NOT RECEIVED but listed on COC
- ☐ Sample(s) received but NOT LISTED on COC
- ☐ Holding time expired (list client or ECI sample ID and analysis)
- ☐ Insufficient sample amount for requested analysis (list analysis)
- ☐ Improper container(s) used (list analysis)
- ☐ Improper preservative used (list analysis)
- ☐ pH outside acceptable range (list analysis)
- ☐ No preservative noted on COC or label (list analysis and notify lab)
- ☐ Sample container(s) not labeled
- ☐ Client sample label(s) illegible (list container type and analysis)
- ☑ Client sample label(s) do not match COC (comment)
  - ☐ Project information
  - ☑ Client sample ID
  - ☐ Sampling date and/or time
  - ☐ Number of container(s)
  - ☐ Requested analysis
- ☐ Sample container(s) compromised (comment)
  - ☐ Broken
  - ☐ Water present in sample container
- ☐ Air sample container(s) compromised (comment)
  - ☐ Flat
  - ☐ Very low in volume
  - ☐ Leaking (not transferred; duplicate bag submitted)
  - ☐ Leaking (transferred into ECI Tedlar™ bags*)
  - ☐ Leaking (transferred into client's Tedlar™ bags*)

* Transferred at client's request.

Comments

Labeled as

(-10) PC-12-4.0-5.0

(-13) PC-11X-12

(Dates / times match)

MISCELLANEOUS: (Describe)

Comments

HEADSPACE:

(Containers with bubble > 6 mm or ¼ inch for volatile organic or dissolved gas analysis)

ECI Sample ID	ECI Container ID	Total Number**	ECI Sample ID	ECI Container ID	Total Number**

(Containers with bubble for other analysis)

ECI Sample ID	ECI Container ID	Total Number**	Requested Analysis

Comments:

Reported by: 1182

Reviewed by: 1053

** Record the total number of containers (i.e., vials or bottles) for the affected sample.

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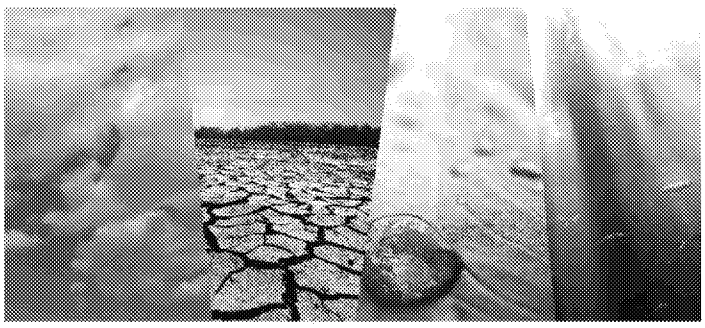
WORK ORDER NUMBER: 19-03-0866

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: EKI Environment & Water, Inc.

Client Project Name: Project Condor / B71091.00

Attention: Giuseppe Cefalu
2355 Main Street
Suite 210
Irvine, CA 92614-4252

Approved for release on 03/20/2019 by:
Virendra Patel
Project Manager

ResultLink ›

Email your PM ›

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Contents

Client Project Name: Project Condor / B71091.00
Work Order Number: 19-03-0866

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Work Order Narrative

Work Order: 19-03-0866 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 03/12/19. They were assigned to Work Order 19-03-0866.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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Sample Summary

Client:	EKI Environment & Water, Inc. 2355 Main Street, Suite 210 Irvine, CA 92614-4252	Work Order:	19-03-0866
		Project Name:	Project Condor / B71091.00
		PO Number:	
		Date/Time Received:	03/12/19 16:15
		Number of Containers:	3
Attn:	Giuseppe Cefalu		

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
PC-10-SVP-1	19-03-0866-1	03/12/19 14:00	1	Air
DFA-PC-10-SVP-1	19-03-0866-2	03/12/19 14:00	1	Air
Purge-PC-10-SVP-1	19-03-0866-3	03/12/19 14:00	1	Air

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Detections Summary

Client:	EKI Environment & Water, Inc. 2355 Main Street, Suite 210 Irvine, CA 92614-4252	Work Order: Project Name: Received:	19-03-0866 Project Condor / B71091.00 03/12/19
Attn:	Giuseppe Cefalu		Page 1 of 1

Client SampleID Analyte	Result	Qualifiers	RL	Units	Method	Extraction
PC-10-SVP-1 (19-03-0866-1)						
Acetone	78		2.0	ppb (v/v)	EPA TO-15	N/A
Benzene	0.55		0.50	ppb (v/v)	EPA TO-15	N/A
2-Butanone	5.3		1.5	ppb (v/v)	EPA TO-15	N/A
Carbon Disulfide	3.4		2.0	ppb (v/v)	EPA TO-15	N/A
Dichlorodifluoromethane	6.0		0.50	ppb (v/v)	EPA TO-15	N/A
1,1-Difluoroethane	2.9		2.0	ppb (v/v)	EPA TO-15	N/A
Isopropanol	4.1	J	0.91*	ppb (v/v)	EPA TO-15	N/A
Tetrachloroethene	0.52		0.50	ppb (v/v)	EPA TO-15	N/A
Toluene	1.2		0.50	ppb (v/v)	EPA TO-15	N/A
Trichloroethene	0.32	J	0.16*	ppb (v/v)	EPA TO-15	N/A
Trichlorofluoromethane	0.35	J	0.19*	ppb (v/v)	EPA TO-15	N/A
DFA-PC-10-SVP-1 (19-03-0866-2)						
1,1-Difluoroethane	18000000		400000	ppb (v/v)	EPA TO-15	N/A

Subcontracted analyses, if any, are not included in this summary.

Return to Contents

* MDL is shown

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/12/19
2355 Main Street, Suite 210		Work Order:	19-03-0866
Irvine, CA 92614-4252		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Project Condor / B71091.00			Page 1 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-10-SVP-1	**19-03-0866-1-A**	**03/12/19 14:00**	**Air**	**GC/MS OOO**	**N/A**	**03/19/19 02:58**	**190318L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,4-Trichlorobenzene	ND	2.0	0.77	1.00	
Acetone	78	2.0	1.1	1.00	
Benzene	0.55	0.50	0.17	1.00	
Benzyl Chloride	ND	2.0	0.89	1.00	
Bromodichloromethane	ND	0.50	0.13	1.00	
Bromoform	ND	0.50	0.24	1.00	
Bromomethane	ND	0.50	0.24	1.00	
2-Butanone	5.3	1.5	0.82	1.00	
n-Butylbenzene	ND	5.0	0.94	1.00	
sec-Butylbenzene	ND	5.0	0.96	1.00	
tert-Butylbenzene	ND	5.0	0.99	1.00	
Carbon Disulfide	3.4	2.0	0.19	1.00	
Carbon Tetrachloride	ND	0.50	0.17	1.00	
Chlorobenzene	ND	0.50	0.16	1.00	
Chloroethane	ND	0.50	0.27	1.00	
Chloroform	ND	0.50	0.17	1.00	
Chloromethane	ND	1.0	0.36	1.00	
Dibromochloromethane	ND	0.50	0.18	1.00	
1,2-Dibromo-3-Chloropropane	ND	1.5	0.50	1.00	
1,2-Dibromoethane	ND	0.50	0.16	1.00	
1,2-Dichlorobenzene	ND	0.50	0.38	1.00	
1,3-Dichlorobenzene	ND	0.50	0.37	1.00	
1,4-Dichlorobenzene	ND	0.50	0.38	1.00	
Dichlorodifluoromethane	6.0	0.50	0.17	1.00	
1,1-Dichloroethane	ND	0.50	0.15	1.00	
1,2-Dichloroethane	ND	0.50	0.14	1.00	
1,1-Dichloroethene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.21	1.00	
t-1,2-Dichloroethene	ND	0.50	0.17	1.00	
1,2-Dichloropropane	ND	0.50	0.16	1.00	
c-1,3-Dichloropropene	ND	0.50	0.24	1.00	
t-1,3-Dichloropropene	ND	1.0	0.25	1.00	
Dichlorotetrafluoroethane	ND	2.0	0.13	1.00	
1,1-Difluoroethane	2.9	2.0	0.92	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/12/19
2355 Main Street, Suite 210		Work Order:	19-03-0866
Irvine, CA 92614-4252		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Project Condor / B71091.00			Page 2 of 4

Parameter	Result	RL	MDL	DF	Qualifiers
Ethylbenzene	ND	0.50	0.28	1.00	
4-Ethyltoluene	ND	1.0	0.44	1.00	
Hexachloro-1,3-Butadiene	ND	1.5	1.0	1.00	
2-Hexanone	ND	1.5	0.97	1.00	
Isopropanol	4.1	5.0	0.91	1.00	J
Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.82	1.00	
Methylene Chloride	ND	5.0	0.88	1.00	
4-Methyl-2-Pentanone	ND	1.5	0.83	1.00	
Styrene	ND	1.5	0.81	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	0.22	1.00	
Tetrachloroethene	0.52	0.50	0.24	1.00	
Toluene	1.2	0.50	0.21	1.00	
1,1,1-Trichloroethane	ND	0.50	0.17	1.00	
1,1,2-Trichloroethane	ND	0.50	0.16	1.00	
Trichloroethene	0.32	0.50	0.16	1.00	J
Trichlorofluoromethane	0.35	1.0	0.19	1.00	J
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.5	1.0	1.00	
1,2,4-Trimethylbenzene	ND	1.5	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	0.45	1.00	
Vinyl Acetate	ND	2.0	0.89	1.00	
Vinyl Chloride	ND	0.50	0.15	1.00	
o-Xylene	ND	2.0	0.45	1.00	
p/m-Xylene	ND	4.0	0.99	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	68-134	
1,2-Dichloroethane-d4	97	67-133	
Toluene-d8	97	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/12/19
2355 Main Street, Suite 210		Work Order:	19-03-0866
Irvine, CA 92614-4252		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Project Condor / B71091.00			Page 3 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**095-01-021-21501**	**N/A**	**Air**	**GC/MS OOO**	**N/A**	**03/18/19 19:57**	**190318L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,4-Trichlorobenzene	ND	2.0	0.77	1.00	
Acetone	ND	2.0	1.1	1.00	
Benzene	ND	0.50	0.17	1.00	
Benzyl Chloride	ND	2.0	0.89	1.00	
Bromodichloromethane	ND	0.50	0.13	1.00	
Bromoform	ND	0.50	0.24	1.00	
Bromomethane	ND	0.50	0.24	1.00	
2-Butanone	ND	1.5	0.82	1.00	
n-Butylbenzene	ND	5.0	0.94	1.00	
sec-Butylbenzene	ND	5.0	0.96	1.00	
tert-Butylbenzene	ND	5.0	0.99	1.00	
Carbon Disulfide	ND	2.0	0.19	1.00	
Carbon Tetrachloride	ND	0.50	0.17	1.00	
Chlorobenzene	ND	0.50	0.16	1.00	
Chloroethane	ND	0.50	0.27	1.00	
Chloroform	ND	0.50	0.17	1.00	
Chloromethane	ND	1.0	0.36	1.00	
Dibromochloromethane	ND	0.50	0.18	1.00	
1,2-Dibromo-3-Chloropropane	ND	1.5	0.50	1.00	
1,2-Dibromoethane	ND	0.50	0.16	1.00	
1,2-Dichlorobenzene	ND	0.50	0.38	1.00	
1,3-Dichlorobenzene	ND	0.50	0.37	1.00	
1,4-Dichlorobenzene	ND	0.50	0.38	1.00	
Dichlorodifluoromethane	ND	0.50	0.17	1.00	
1,1-Dichloroethane	ND	0.50	0.15	1.00	
1,2-Dichloroethane	ND	0.50	0.14	1.00	
1,1-Dichloroethene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.21	1.00	
t-1,2-Dichloroethene	ND	0.50	0.17	1.00	
1,2-Dichloropropane	ND	0.50	0.16	1.00	
c-1,3-Dichloropropene	ND	0.50	0.24	1.00	
t-1,3-Dichloropropene	ND	1.0	0.25	1.00	
Dichlorotetrafluoroethane	ND	2.0	0.13	1.00	
1,1-Difluoroethane	ND	2.0	0.92	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/12/19
2355 Main Street, Suite 210		Work Order:	19-03-0866
Irvine, CA 92614-4252		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Project Condor / B71091.00			Page 4 of 4

Parameter	Result	RL	MDL	DF	Qualifiers
Ethylbenzene	ND	0.50	0.28	1.00	
4-Ethyltoluene	ND	1.0	0.44	1.00	
Hexachloro-1,3-Butadiene	ND	1.5	1.0	1.00	
2-Hexanone	ND	1.5	0.97	1.00	
Isopropanol	ND	5.0	0.91	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.82	1.00	
Methylene Chloride	ND	5.0	0.88	1.00	
4-Methyl-2-Pentanone	ND	1.5	0.83	1.00	
Styrene	ND	1.5	0.81	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	0.22	1.00	
Tetrachloroethene	ND	0.50	0.24	1.00	
Toluene	ND	0.50	0.21	1.00	
1,1,1-Trichloroethane	ND	0.50	0.17	1.00	
1,1,2-Trichloroethane	ND	0.50	0.16	1.00	
Trichloroethene	ND	0.50	0.16	1.00	
Trichlorofluoromethane	ND	1.0	0.19	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.5	1.0	1.00	
1,2,4-Trimethylbenzene	ND	1.5	1.0	1.00	
1,3,5-Trimethylbenzene	ND	1.0	0.45	1.00	
Vinyl Acetate	ND	2.0	0.89	1.00	
Vinyl Chloride	ND	0.50	0.15	1.00	
o-Xylene	ND	2.0	0.45	1.00	
p/m-Xylene	ND	4.0	0.99	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	93	68-134	
1,2-Dichloroethane-d4	95	67-133	
Toluene-d8	97	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/12/19
2355 Main Street, Suite 210		Work Order:	19-03-0866
Irvine, CA 92614-4252		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Project Condor / B71091.00			Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DFA-PC-10-SVP-1	**19-03-0866-2-A**	**03/12/19 14:00**	**Air**	**GC/MS OOO**	**N/A**	**03/19/19 03:42**	**190318L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1-Difluoroethane	18000000	400000	180000	201000	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	102	68-134	
1,2-Dichloroethane-d4	95	67-133	
Toluene-d8	90	70-130	

Method Blank	**095-01-021-21501**	**N/A**	**Air**	**GC/MS OOO**	**N/A**	**03/18/19 19:57**	**190318L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1-Difluoroethane	ND	2.0	0.92	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	93	68-134	
1,2-Dichloroethane-d4	95	67-133	
Toluene-d8	97	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - LCS/LCSD

EKI Environment & Water, Inc.		Date Received:	03/12/19
2355 Main Street, Suite 210		Work Order:	19-03-0866
Irvine, CA 92614-4252		Preparation:	N/A
		Method:	EPA TO-15
Project: Project Condor / B71091.00			Page 1 of 2

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-21501	LCS	Air	GC/MS OOO	N/A	03/18/19 11:25	190318L01
095-01-021-21501	LCSD	Air	GC/MS OOO	N/A	03/18/19 12:14	190318L01

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
1,2,4-Trichlorobenzene	25.00	24.60	98	24.54	98	31-151	11-171	0	0-30	
Acetone	25.00	33.62	134	33.41	134	67-133	56-144	1	0-30	ME
Benzene	25.00	28.19	113	28.50	114	70-130	60-140	1	0-30	
Benzyl Chloride	25.00	26.24	105	27.31	109	38-158	18-178	4	0-30	
Bromodichloromethane	25.00	26.00	104	26.34	105	70-130	60-140	1	0-30	
Bromoform	25.00	26.30	105	26.32	105	63-147	49-161	0	0-30	
Diisopropyl Ether (DIPE)	25.00	26.64	107	26.58	106	63-130	52-141	0	0-30	
Bromomethane	25.00	21.04	84	21.29	85	70-139	58-150	1	0-30	
2-Butanone	25.00	28.53	114	28.40	114	66-132	55-143	0	0-30	
n-Butylbenzene	25.00	24.98	100	24.78	99	50-150	33-167	1	0-30	
sec-Butylbenzene	25.00	23.80	95	23.88	96	50-150	33-167	0	0-30	
tert-Butylbenzene	25.00	24.60	98	24.41	98	50-150	33-167	1	0-30	
Carbon Disulfide	25.00	30.45	122	30.83	123	68-146	55-159	1	0-30	
Ethanol	100.0	84.28	84	83.47	83	37-139	20-156	1	0-30	
Carbon Tetrachloride	25.00	25.63	103	25.74	103	70-136	59-147	0	0-30	
Ethyl-t-Butyl Ether (ETBE)	25.00	28.14	113	28.33	113	67-130	56-140	1	0-30	
Chlorobenzene	25.00	27.07	108	27.23	109	70-130	60-140	1	0-30	
Chloroethane	25.00	22.73	91	23.08	92	65-149	51-163	2	0-30	
Chloroform	25.00	26.10	104	26.30	105	70-130	60-140	1	0-30	
Chloromethane	25.00	21.01	84	20.90	84	69-141	57-153	0	0-30	
Naphthalene	25.00	27.08	108	27.17	109	24-144	4-164	0	0-30	
Dibromochloromethane	25.00	26.15	105	26.24	105	70-138	59-149	0	0-30	
1,2-Dibromo-3-Chloropropane	25.00	26.00	104	26.31	105	60-140	47-153	1	0-35	
Tert-Amyl-Methyl Ether (TAME)	25.00	24.32	97	24.84	99	69-130	59-140	2	0-30	
1,2-Dibromoethane	25.00	27.82	111	27.92	112	70-133	60-144	0	0-30	
1,2-Dichlorobenzene	25.00	26.68	107	26.75	107	48-138	33-153	0	0-30	
1,3-Dichlorobenzene	25.00	26.79	107	26.60	106	56-134	43-147	1	0-30	
1,4-Dichlorobenzene	25.00	26.63	107	26.50	106	52-136	38-150	0	0-30	
Dichlorodifluoromethane	25.00	23.07	92	23.25	93	67-139	55-151	1	0-30	
1,1-Dichloroethane	25.00	30.39	122	30.60	122	70-130	60-140	1	0-30	
1,2-Dichloroethane	25.00	27.94	112	28.20	113	70-132	60-142	1	0-30	
1,1-Dichloroethene	25.00	27.48	110	27.55	110	70-135	59-146	0	0-30	
c-1,2-Dichloroethene	25.00	27.31	109	27.60	110	70-130	60-140	1	0-30	
t-1,2-Dichloroethene	25.00	29.11	116	29.38	118	70-130	60-140	1	0-30	
1,2-Dichloropropane	25.00	31.57	126	31.69	127	70-130	60-140	0	0-30	
c-1,3-Dichloropropene	25.00	27.47	110	27.96	112	70-130	60-140	2	0-30	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

EKI Environment & Water, Inc.		Date Received:	03/12/19
2355 Main Street, Suite 210		Work Order:	19-03-0866
Irvine, CA 92614-4252		Preparation:	N/A
		Method:	EPA TO-15
Project: Project Condor / B71091.00			Page 2 of 2

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
t-1,3-Dichloropropene	25.00	29.42	118	29.59	118	70-147	57-160	1	0-30	
Dichlorotetrafluoroethane	25.00	22.39	90	22.54	90	51-135	37-149	1	0-30	
1,1-Difluoroethane	25.00	27.12	108	26.85	107	70-131	60-141	1	0-30	
Ethylbenzene	25.00	27.52	110	27.64	111	70-130	60-140	0	0-30	
4-Ethyltoluene	25.00	26.38	106	26.24	105	68-130	58-140	1	0-30	
Hexachloro-1,3-Butadiene	25.00	23.09	92	22.75	91	44-146	27-163	1	0-30	
2-Hexanone	25.00	33.07	132	33.27	133	70-136	59-147	1	0-30	
Isopropanol	25.00	27.50	110	26.17	105	57-135	44-148	5	0-30	
Methyl-t-Butyl Ether (MTBE)	25.00	26.29	105	26.55	106	68-130	58-140	1	0-30	
Methylene Chloride	25.00	26.00	104	26.19	105	69-130	59-140	1	0-30	
4-Methyl-2-Pentanone	25.00	32.04	128	32.17	129	70-130	60-140	0	0-30	
Tert-Butyl Alcohol (TBA)	50.00	56.37	113	54.53	109	66-144	53-157	3	0-30	
Styrene	25.00	27.12	108	26.99	108	65-131	54-142	0	0-30	
1,1,2,2-Tetrachloroethane	25.00	26.95	108	26.99	108	63-130	52-141	0	0-30	
Tetrachloroethene	25.00	26.03	104	26.23	105	70-130	60-140	1	0-30	
Toluene	25.00	27.17	109	27.36	109	70-130	60-140	1	0-30	
1,1,1-Trichloroethane	25.00	25.93	104	26.09	104	70-130	60-140	1	0-30	
1,1,2-Trichloroethane	25.00	28.44	114	28.74	115	70-130	60-140	1	0-30	
Trichloroethene	25.00	27.28	109	27.60	110	70-130	60-140	1	0-30	
Trichlorofluoromethane	25.00	24.26	97	24.38	98	63-141	50-154	0	0-30	
1,1,2-Trichloro-1,2,2-Trifluoroethane	25.00	23.83	95	24.16	97	70-136	59-147	1	0-30	
1,2,4-Trimethylbenzene	25.00	25.73	103	25.64	103	60-132	48-144	0	0-30	
1,3,5-Trimethylbenzene	25.00	26.23	105	26.11	104	62-130	51-141	0	0-30	
Vinyl Acetate	25.00	29.03	116	29.02	116	58-130	46-142	0	0-30	
Vinyl Chloride	25.00	23.67	95	23.63	95	70-134	59-145	0	0-30	
o-Xylene	25.00	26.62	106	26.58	106	69-130	59-140	0	0-30	
p/m-Xylene	50.00	53.80	108	54.06	108	70-132	60-142	0	0-30	

Total number of LCS compounds: 63
Total number of ME compounds: 1
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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Summa Canister Vacuum Summary

Work Order: 19-03-0866

Sample Name	Vacuum Out	Vacuum In	Equipment	Description
PC-10-SVP-1	-29.50 in Hg	-1.00 in Hg	SLC052	Summa Canister 1L
DFA-PC-10-SVP-1	-29.50 in Hg	-9.70 in Hg	LC590	Summa Canister 1L
Purge-PC-10-SVP-1	-29.50 in Hg	-1.60 in Hg	D891	Summa Canister 6L

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Sample Analysis Summary Report

Work Order: 19-03-0866 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
EPA TO-15	N/A	326	GC/MS OOO	2

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Glossary of Terms and Qualifiers

Work Order: 19-03-0866

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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WO # / LAB USE ONLY
19-03-0866

AIR CHAIN OF CUSTODY RECORD

DATE: 3/12/19
PAGE: 1 OF 1

LABORATORY CLIENT: EKI Environment & Water
ADDRESS: 577 Airport Blvd, Suite 500
CITY: Burlingame STATE: CA ZIP: 94010
TEL: 949 8135799 E-MAIL: gcefalu@ekiconsult.com

CLIENT PROJECT NAME / NUMBER: Project Condor
PROJECT ADDRESS: Century & Prairie
CITY: Inglewood STATE: CA ZIP:
PROJECT CONTACT: Giuseppe Cefalu

P.O. NO.: 137091.00
LAB CONTACT OR QUOTE NO.:
SAMPLER(S): (PRINT) Giuseppe Cefalu

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD ☑ EDD ☐ UNITS

SPECIAL INSTRUCTIONS: Please report results to
(1) labs@ekiconsult.com
(2) jyoon@ekiconsult.com
(3) gcefalu@ekiconsult.com
(4) mpendleton@ekiconsult.com

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD ID / POINT OF COLLECTION	Air Type (I) Indoor (SV) Soil Vap. (A) Ambient	Sampling Equipment: Media ID #	Canister Size 6L or 1L	Flow Controller ID #	Start Sampling Information: Date	Time (24 hr clock)	Canister Pressure ("Hg)	Stop Sampling Information: Date	Time (24 hr clock)	Canister Pressure ("Hg)	EPA 6020 LEAD	EPA 6020 ARSENIC	EPA TO-15 VOCs	EPA TO-15 1,1 DFA ONLY	
1	PC-10-SVP-1	PC-10	SV	SLC052	1L	SGM302	3/12/19	1400	-30.00	3/12/19	1400	-1.00			X		
2	DFA-PC-10-SVP-1	PC-10	A	LCS90	1L	SGM428	3/12/19	1400	-30.00	3/12/19	1400	-11.00				X	
3	Purge-PC-10-SVP-1	PC-10	SV	D891	6L	SGM372	3/12/19	1400	-28.00	3/12/19	1400	-2.00		Purge			

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Giuseppe Cefalu	EC	3/12/19	16:15
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

06/02/14 Revision

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WORK ORDER NUMBER: 19-0366

SAMPLE RECEIPT CHECKLIST

COOLER 0 OF 0

CLIENT: EKI

DATE: 03 / 12 / 2019

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC6 (CF: -0.5°C); Temperature (w/o CF): _____°C (w/ CF): _____°C; ☐ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☑ Air ☐ Filter Checked by: 15

CUSTODY SEAL:

Cooler	☐ Present and Intact	☐ Present but Not Intact	☐ Not Present	☑ N/A	Checked by: 15
Sample(s)	☐ Present and Intact	☐ Present but Not Intact	☑ Not Present	☐ N/A	Checked by: 1053

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☐	☐	☑
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Acid/base preserved samples - pH within acceptable range	☐	☐	☑
Container(s) for certain analysis free of headspace	☐	☐	☑
☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: **(Trip Blank Lot Number: _____)**

Aqueous: ☐ VOA ☐ VOA**h** ☐ VOA**na₂** ☐ 100PJ ☐ 100PJ**na₂** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB ☐ 125PB**znna** (pH__9)
☐ 250AGB ☐ 250CGB ☐ 250CGB**s** (pH__2) ☐ 250PB ☐ 250PB**n** (pH__2) ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s** (pH__2) ☐ 500PB
☐ 1AGB ☐ 1AGB**na₂** ☐ 1AGB**s** (pH__2) ☐ 1AGB**s** (O&G) ☐ 1PB ☐ 1PB**na** (pH__12) ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☑ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (___) ☐ EnCores® (___) ☐ TerraCores® (___) ☐ _____ ☐ _____ ☐ _____

Air: ☐ Tedlar™ ☑ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na₂** = $Na_2S_2O_3$, **p** = H_3PO_4, Labeled/Checked by: 1053

s = H_2SO_4, **u** = ultra-pure, **x** = Na_2SO_3+$NaHSO_4.H_2O$, **znna** = Zn $(CH_3CO_2)_2$ + NaOH Reviewed by: 350

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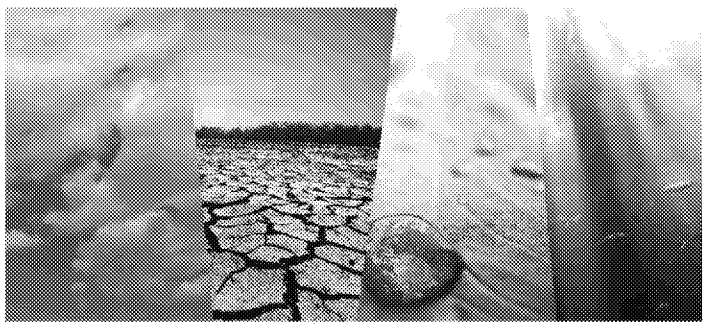
WORK ORDER NUMBER: 19-03-0867

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: EKI Environment & Water, Inc.

Client Project Name: Project Condor / B71091.00

Attention: James Yoon
2355 Main Street
Suite 210
Irvine, CA 92614-4252

Approved for release on 03/28/2019 by:
Virendra Patel
Project Manager

ResultLink ›

Email your PM ›

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Contents

Client Project Name: Project Condor / B71091.00
Work Order Number: 19-03-0867

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Work Order Narrative

Work Order: 19-03-0867 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 03/12/19. They were assigned to Work Order 19-03-0867.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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Sample Summary

Client:	EKI Environment & Water, Inc. 2355 Main Street, Suite 210 Irvine, CA 92614-4252	Work Order:	19-03-0867
		Project Name:	Project Condor / B71091.00
		PO Number:	
		Date/Time Received:	03/12/19 16:15
		Number of Containers:	2
Attn:	James Yoon		

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
PC-10X-7	19-03-0867-1	03/12/19 12:25	1	Solid
PC-11X-3	19-03-0867-2	03/12/19 12:15	1	Solid

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Detections Summary

Client:	EKI Environment & Water, Inc. 2355 Main Street, Suite 210 Irvine, CA 92614-4252	Work Order: Project Name: Received:	19-03-0867 Project Condor / B71091.00 03/12/19
Attn:	James Yoon		Page 1 of 1

Client SampleID Analyte	Result	Qualifiers	RL	Units	Method	Extraction
PC-10X-7 (19-03-0867-1)						
Arsenic	4.55		1.00	mg/kg	EPA 6020	EPA 3050B
Lead	125		1.00	mg/kg	EPA 6020	EPA 3050B
PC-11X-3 (19-03-0867-2)						
Arsenic	3.72		1.00	mg/kg	EPA 6020	EPA 3050B
Lead	62.3		1.00	mg/kg	EPA 6020	EPA 3050B

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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Analytical Report

EKI Environment & Water, Inc.		Date Received:	03/12/19
2355 Main Street, Suite 210		Work Order:	19-03-0867
Irvine, CA 92614-4252		Preparation:	EPA 3050B
		Method:	EPA 6020
		Units:	mg/kg
Project: Project Condor / B71091.00			Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PC-10X-7	**19-03-0867-1-A**	**03/12/19 12:25**	**Solid**	**ICP/MS 05**	**03/21/19**	**03/25/19 23:50**	**190321L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Arsenic	4.55	1.00	0.389	1.00	
Lead	125	1.00	0.137	1.00	

PC-11X-3	**19-03-0867-2-A**	**03/12/19 12:15**	**Solid**	**ICP/MS 05**	**03/21/19**	**03/25/19 23:53**	**190321L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Arsenic	3.72	1.00	0.389	1.00	
Lead	62.3	1.00	0.137	1.00	

Method Blank	**099-15-621-1838**	**N/A**	**Solid**	**ICP/MS 05**	**03/21/19**	**03/25/19 23:56**	**190321L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Arsenic	ND	1.00	0.389	1.00	
Lead	ND	1.00	0.137	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

EKI Environment & Water, Inc.		Date Received:	03/12/19
2355 Main Street, Suite 210		Work Order:	19-03-0867
Irvine, CA 92614-4252		Preparation:	EPA 3050B
		Method:	EPA 6020
Project: Project Condor / B71091.00			Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
19-03-1306-1	**Sample**	**Solid**	**ICP/MS 05**	**03/21/19**	**03/26/19 00:25**	**190321S01**
19-03-1306-1	**Matrix Spike**	**Solid**	**ICP/MS 05**	**03/21/19**	**03/26/19 00:05**	**190321S01**
19-03-1306-1	**Matrix Spike Duplicate**	**Solid**	**ICP/MS 05**	**03/21/19**	**03/26/19 00:08**	**190321S01**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Arsenic	215.4	25.00	270.8	4X	267.0	4X	72-132	4X	0-13	Q
Lead	4.197	25.00	29.20	100	29.15	100	62-134	0	0-23	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

EKI Environment & Water, Inc.		Date Received:	03/12/19
2355 Main Street, Suite 210		Work Order:	19-03-0867
Irvine, CA 92614-4252		Preparation:	EPA 3050B
		Method:	EPA 6020
Project: Project Condor / B71091.00			Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
19-03-1306-1	**Sample**	**Solid**	**ICP/MS 05**	**03/21/19 00:00**	**03/26/19 00:25**	**190321S01**
19-03-1306-1	**PDS**	**Solid**	**ICP/MS 05**	**03/21/19 00:00**	**03/26/19 00:11**	**190321S01**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Arsenic	215.4	25.00	243.4	4X	75-125	Q
Lead	4.197	25.00	29.49	101	75-125	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

EKI Environment & Water, Inc.		Date Received:	03/12/19
2355 Main Street, Suite 210		Work Order:	19-03-0867
Irvine, CA 92614-4252		Preparation:	EPA 3050B
		Method:	EPA 6020
Project: Project Condor / B71091.00			Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-15-621-1838	**LCS**	**Solid**	**ICP/MS 05**	**03/21/19**	**03/25/19 23:59**	**190321L01**
099-15-621-1838	**LCSD**	**Solid**	**ICP/MS 05**	**03/21/19**	**03/26/19 00:02**	**190321L01**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Arsenic	25.00	26.04	104	26.17	105	80-120	1	0-20	
Lead	25.00	26.73	107	26.55	106	80-120	1	0-20	

RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 19-03-0867

Method	Extraction	Chemist ID	Instrument	Analytical Location
EPA 6020	EPA 3050B	598	ICP/MS 05	1

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Glossary of Terms and Qualifiers

Work Order: 19-03-0867 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY: **19-03-0867**

DATE: 3/12/19

PAGE: 1 OF 1

LABORATORY CLIENT: EKI Environment & Water

ADDRESS: 577 Airport Blvd, Suite 500

CITY: Burlingame STATE: CA ZIP: 94010

TEL: 949 835 7992 E-MAIL: gcefalu@ekiconsult.com

CLIENT PROJECT NAME / NUMBER: Project Condor

P.O. NO.: B71091.00

PROJECT CONTACT: Giuseppe Cefalu

SAMPLER(S): (PRINT) Giuseppe Cefalu

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"): ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

☑ COELT EDD GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	EPA 6020 LEAD	EPA 6020 ARSENIC
1	PC-10X-7	3/12/19	1225	S	1	X			X	X
2	PC-11X-3	3/12/19	1215	S	1	X			X	X

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
[signature]	[signature] EC	3/12/19	16:15
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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WORK ORDER NUMBER: 19-03-0867

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: EKI

DATE: 03/12/2019

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC6 (CF: -0.5°C); Temperature (w/o CF): 2.9 °C (w/ CF): 2.4 °C; ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter

Checked by: IS

CUSTODY SEAL:

Cooler	☐ Present and Intact	☐ Present but Not Intact	☑ Not Present	☐ N/A	Checked by: IS
Sample(s)	☐ Present and Intact	☐ Present but Not Intact	☑ Not Present	☐ N/A	Checked by: SM

SAMPLE CONDITION:

	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☐	☐	☑
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Acid/base preserved samples - pH within acceptable range	☐	☐	☑
Container(s) for certain analysis free of headspace	☐	☐	☑
☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: _____)

Aqueous: ☐ VOA ☐ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB ☐ 125PB**znna** (pH__9)

☐ 250AGB ☐ 250CGB ☐ 250CGB**s** (pH__2) ☐ 250PB ☐ 250PB**n** (pH__2) ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s** (pH__2) ☐ 500PB

☐ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** (pH__2) ☐ 1AGB**s** (O&G) ☐ 1PB ☐ 1PB**na** (pH__12) ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☑ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (___) ☐ EnCores® (___) ☐ TerraCores® (___) ☐ _____ ☐ _____ ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **x** = Na_2SO_3+$NaHSO_4.H_2O$, **znna** = Zn $(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: SM

Reviewed by: IOIT