July 12, 2016

ECI Project Number: 0611-01-02

Mr. Preet Chohan
BLT Transport LLC
11910 SE 277th Street
Kent, WA 98030

Re: **Site Characterization Report**
8010 South 259th Street
Kent, Washington 98302

Mr. Chohan:

Pursuant to your recent request, EcoCon, Inc. (ECI) completed a site characterization sampling event for the property located at 8010 South 259th Street, in Kent, Washington (the Property) (Figure 1, Appendix A). This sampling was conducted to document the removal of petroleum contaminated soil identified during a previous environmental investigation, as well as evaluate the environmental quality of stockpiled soil associated with on-site grading activities.

On May 16 and June 1, 2016, eighteen (18) soil samples and eight (8) groundwater samples were collected from eight (8) borings and eight (8) test pits advanced on the Property. The samples were collected to assess potential environmental impacts resulting from the previous use of the Property as an automobile wrecking yard, identified in a Phase I ESA completed by Aerotech Environmental in 2015.

Eight (8) of the soil samples contained detectable concentrations of diesel- (DRO) and/or oil-range organics (ORO) in excess of their respective laboratory method reporting limit; two of which contained concentrations above the MTCA Method A Cleanup Level for Industrial Land Use. One of these two samples was further analyzed for carcinogenic polycyclic aromatic hydrocarbons (cPAHs), polychlorinated biphenyls (PCBs), and Model Toxics Control Act (MTCA) 5 Metals (arsenic, cadmium, chromium, mercury, and lead). Which revealed that detectable concentrations of PCBs, cPAHs, and cadmium were present in the sample, however only the concentration of cadmium was above the MTCA Method A Cleanup Level for Industrial Land Use. Another sample, which contained non-detectable concentrations of ORO was further analyzed for metals to identify if the cadmium was likely tied to the oil contamination or was widespread in the fill. The results of this sample reported non-detectable concentrations of cadmium.

The groundwater samples reported concentrations of DRO and ORO below the MTCA Method A Cleanup Level.

Based on these results, it appeared that the historical land use of the Property as an automobile wrecking yard resulted in the release of ORO onto surface soils in the northern portion of the Property, likely due to drips and spills. Contamination appeared to be limited to soil at depths between approximately 2 and 3 feet below ground surface and appeared to also contain cadmium at concentrations above cleanup levels, and low levels of PCBs and cPAHs. At this time, ECI recommended that soil containing concentrations in excess of the MTCA Method A Cleanup Level for Industrial Land use be excavated, removed from the Property, and disposed of at an appropriate Subtitle D Landfill.

This report details site activities and observations, sampling activities, chemical analysis, and provides conclusions and recommendations for the Property. The approved scope of work for this project was:

- Development of a site work plan;
- Preparation of site-specific Health and Safety Plan (HASP);
- Collection and laboratory analysis of soil samples; and
- Preparation of this report.

Appended to this report are the following:

- Appendix A: Project Figures;
- Appendix B: Project Tables;
- Appendix C: Project Analytical Results.

Property Location & Description

According to the King County Assessor, the Property consists of a single tax parcel (Number 000660-0045) 65,015 square feet in size, currently zoned for industrial purposes. The lot is currently a gravel-covered dispatch, staging, and service yard for BLT Transport LLC that has been improved with a trailer used for office purposes.

ECI understands that the Property is currently being improved with an office building, a covered parking surface, and an associated stormwater management vault. The stormwater management vault is planned in the area where ORO contamination was identified (Figure 3, Appendix A).

Physical Setting

According to the USGS, Auburn, WA topographic map (2014), the Property lies on the floodplain of the Green River, with a central elevation at approximately 30 feet above mean sea level (NAD83/WGS84). The ground surface (or topography) at the Property is generally flat, located between the beginning and end of a significant meander of the Green River (which surrounds the southern portion of the city of Kent).

The vicinity of the Property gradually slopes towards the Green River to the southeast and west-southwest. (Figure 2, Appendix A).

The primary aquifers in the Puget Sound region are typically overlain by relatively impermeable glacial till deposits, that are present at or near the ground surface. Within these till deposits are localized areas or lenses of water-bearing sands and gravels that may result in a shallow, localized, perched water table. Lateral and vertical migration of shallow groundwater may be impeded by the relatively impermeable nature of the till and by the sometimes-discontinuous nature of the perched water-bearing sands and gravel.

During ECI's previous investigation, soil on the Subject Property was generally characterized as fine-grained silty sand to clean sand to the maximum depth explored of 15 feet below ground surface (bgs).

Regulatory Compliance

Regulatory compliance for this project is based on the State of Washington Department of Ecology (Ecology) MTCA Method A Soil Cleanup Level for Industrial Properties (MTCA-A) – WAC 173-340-900 – Tables 745-1.

Contaminants of Concern (COCs)

Based on the results of previous investigations, the contaminants of concern (COCs) include: DRO, ORO, PCBs, and Cadmium.

Contaminant concentrations will be compared to the MTCA Method-A Industrial Cleanup Levels for soil presented below:

Primary Contaminants of Concern

Method-A Cleanup Levels (MTCA-A) for Soil (Industrial) (MTCA Cleanup Regulation 173-340-900: Table 745-1)	
Contaminant of Concern (COCs)	**Soil Cleanup Levels - mg/kg**
Diesel Range Organics (DRO)	2,000
Oil Range Organics (ORO)	2,000
Cadmium	2
PCBs	10

Sampling Activities

Site Work and Sample Collection

ECI met with representatives of Generation Construction on site on June 15, 2016, and directed them to excavate the areas with ORO concentrations above the MTCA Method A Cleanup Level identified during

ECI's previous investigation. This soil was stockpiled on-site for characterization and disposal (SP3). Additional soil was to be excavated associated with the construction of a stormwater management vault, therefore ECI instructed Generation Construction to stockpile this additional material for profiling, and possible re-use on the Property.

Two stockpiles were generated, one consisting of the upper 2-3 feet of material which was identified as fill previously brought onto the Property (SP1), and the second consisting of the lower 2-4 feet of material which was the former surface level during historic use of the Property as an auto wrecking yard to the approximate design limits of the stormwater vault (SP2).

ECI estimated a total of 1,000 cubic yards per stockpile, therefore on June 16, 2016, 10 soil samples were collected from each pile at discrete locations, 6 to 12 inches below the surface (Figure 3, Appendix A). ECI also collected in place soil samples from the bottom and the northern, eastern, and western sidewalls of the stormwater vault excavation. A total of 10 in place soil samples were collected (Figure 3, Appendix A).

Samples were transferred into new laboratory-provided analyte specific sample containers and assigned a unique sample ID. Soil samples were placed in a climate-controlled container and maintained at or below 4° Celsius until they were delivered to an Ecology-accredited laboratory, Friedman & Bruya, of Seattle, Washington, under industry standard chain of custody protocol.

Soil Analytical Results and Additional Sampling

A total of 30 soil samples were submitted to the laboratory and analyzed for DRO and ORO by NWTPH-Dx. Twenty-four of the 30 soil samples contained detectable concentrations of DRO and/or ORO, however only 1 of the 24 contained a concentration of ORO above the MTCA Method A Cleanup Level (SP2-9). Five soil samples from each stockpile and from within the vault excavation were further analyzed for PCBs and MTCA 5 Metals, totaling 15 samples. Of these 15 samples, 11 contained concentrations of cadmium above the MTCA Method A Cleanup Level, and 1 contained a concentration of PCBs above the MTCA Method A Cleanup Level (A4-NSW01-03). A summary of the laboratory analytical results is provided on Table 1 in Appendix B.

Based on these results, ECI recommended further excavation within the stormwater vault to remove the area with PCB contaminated soil, as well as removal of the area of stockpile 2 with ORO contaminated soil. The distribution of cadmium in soil was extensive and ECI recommended engaging Ecology at this stage to discuss the possible use of institutional controls to manage this COC.

Generation Construction proceeded with the over excavation of the PCB contaminated soil and removal of the area of stockpile 2. This soil was combined with SP3 for profiling and disposal. ECI collected a composite sample from this stockpile for disposal purposes only (SP3-Composite) on June 29, 2016. A waste profile was established with Republic Services and ECI understands that the contents of SP3 was

hauled to their 3rd and Lander transfer station in Seattle, Washington. ECI was not provided disposal receipts to include with this report.

ECI also collected a confirmation sample from within the stormwater vault excavation on June 29, 2016, which reported concentrations of PCBs below the MTCA Method A Cleanup Level (A4-NSW02-03). A summary of the laboratory analytical results is provided on Table 1 in Appendix B.

Summary and Conclusions

On June 16 and 29, 2016, thirty-two (32) soil samples were collected on the Property to document the removal of ORO contaminated soil, and characterize the stockpiled soil associated with current grading activities for possible re-use.

The results of the investigation suggest that the soil containing concentrations of ORO, and associated PCB mixtures, above the MTCA Method A Cleanup Levels for Industrial Properties was effectively removed from the Property. Results also showed however that the concentrations of cadmium, although correlated with the ORO contamination, remained above the MTCA Method A Cleanup Levels for Industrial Properties in the majority of the soil samples.

At this juncture ECI recommends engaging with Ecology on possible cleanup alternatives and closure pathways. ECI appreciates the opportunity to provide environmental consulting services on this project. Should you have any questions, please contact our office at (253) 238-9270.

Respectfully submitted,
EcoCon, Inc. | Environmental Services

Brian A. Dixon
Vice President/ Sr. Environmental Scientist

List of Appendices

Appendix A: Project Figures

- Figure 1: Project Location Map
- Figure 2: Project Topographic Map
- Figure 3: Sample Location Map
- Figure 4: Project Photographs

Appendix B: Project Tables

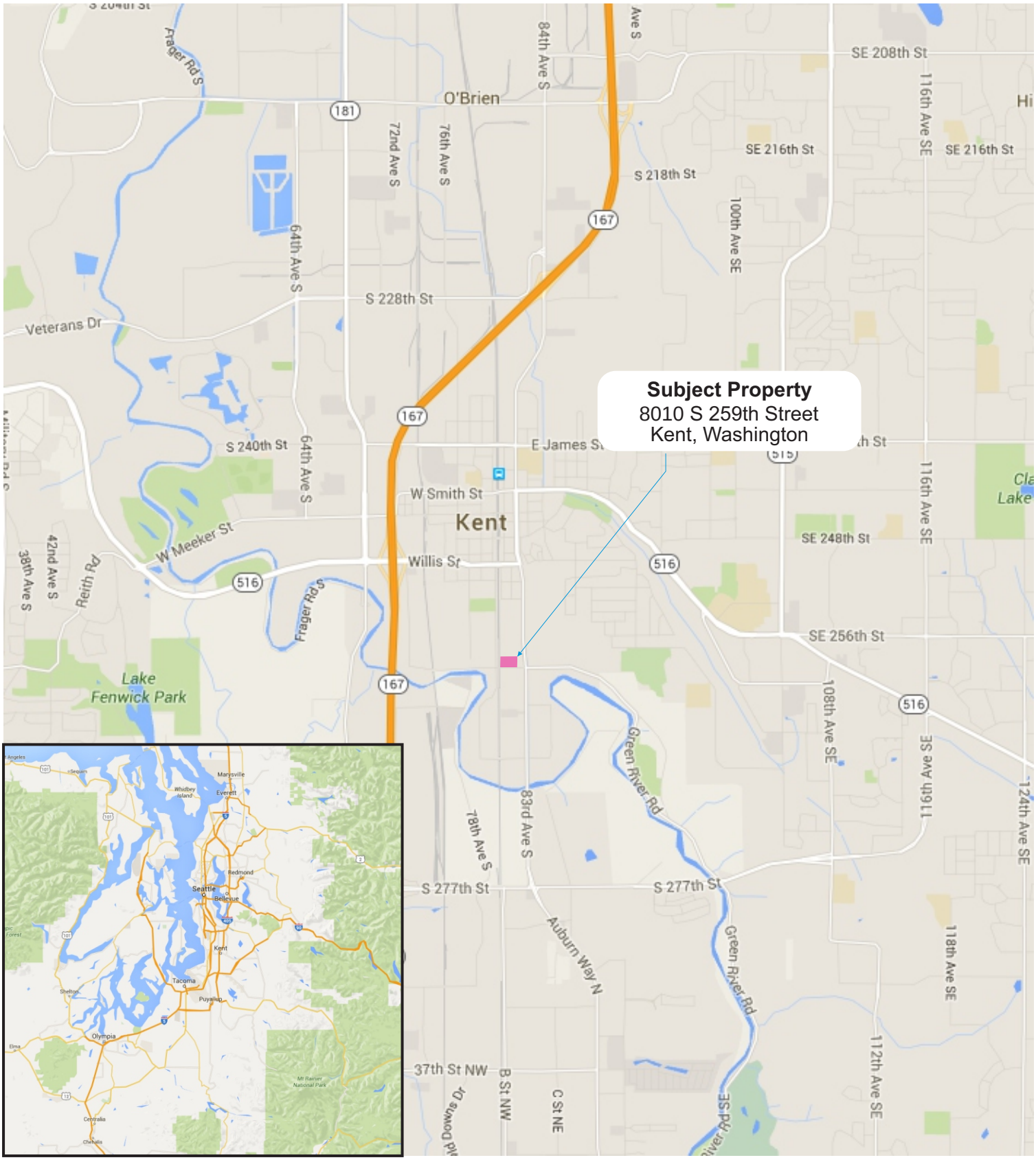
- Table 1: Summary of Soil Analytical Results

Appendix C: Project Analytical Results

- Laboratory Analytical Reports

Appendix A

Project Figures



Not To Scale

Site Location Map
Site Characterization Report
8010 S 259th Street
Kent, Washington

Date:	July 12, 2016
Completed By:	S. Spencer
Reviewed By.:	S.Spencer
Version:	ECI-001
Project No.:	0611-01-01

Figure No.: 01

Sheet 01 of 04

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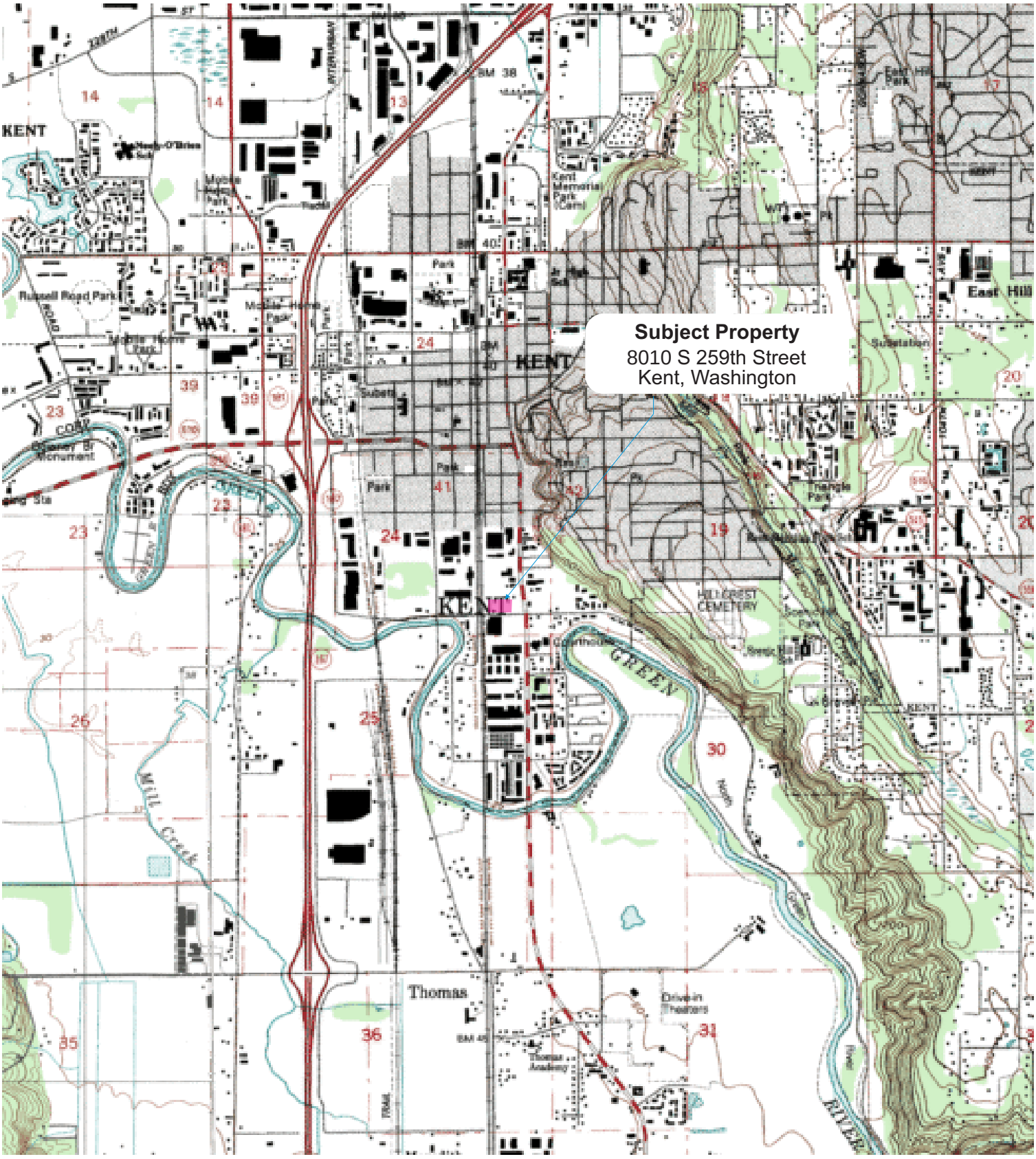

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Not To Scale

Site Topographic Map
Site Characterization Report
8010 S 259th Street
Kent, Washington

Date:	July 12, 2016
Completed By:	S. Spencer
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Version:	ECI-001
Project No.:	0611-01-01

Figure No.: 02
Sheet 02 of 04

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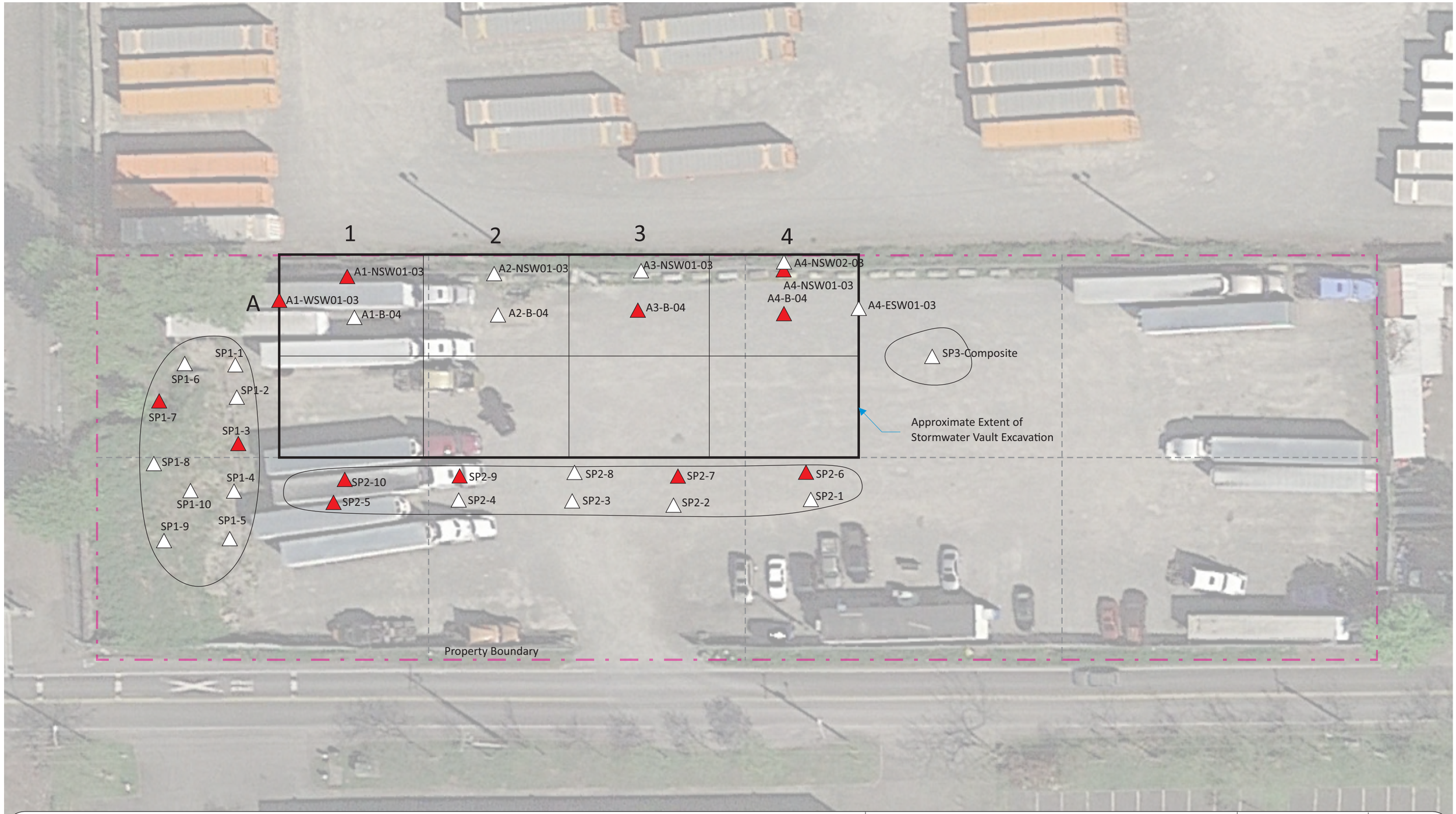

N

0 20 40 80

Approximate Scale in Feet

Explanation

△ Soil Sample Location

▲ COC Concentration Exceeds MTCA Method A Cleanup Level

Sample Location Map
Site Characterization Report
8010 S 259th Street
Kent, Washington

Date:	July 12, 2016
Completed By:	S. Spencer
Reviewed By.:	S.Spencer
Version:	ECI-001
Project No.:	0611-01-01

Figure No.: 03

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Photograph 01: Initial Grading Activities

Photograph 02: Contaminated Soil Stockpile

Photograph 03: Excavation Activities

Photograph 04: Excavation Activities

Photograph 05: Stormwater Vault Excavation

Photograph 06: Stormwater Vault Excavation

N
Not To Scale

Project Photographs
Site Characterization Report
8010 S 259th Street
Kent, Washington

Date:	July 12, 2016
Completed By:	S. Spencer
Reviewed By.:	S.Spencer
Version:	ECI-001
Project No.:	0611-01-01

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Appendix B

Project Tables

Table 1: Summary of Soil Analytical Results

Table 1: Summary of Soil Analytical Results

Sample ID	Sample Depth (feet bgs)	Diesel-Range Organics	Oil-Range Organics	PCB Mixtures	Arsenic	Cadmium	Chromium (Total)	Mercury	Lead
		Sample Results in milligrams per kilogram (mg/kg)							
SP1-1	NA	**76**	<250	--	--	--	--	--	--
SP1-2	NA	**230**	**800**	**2.1**	**5.71**	**1.74**	**188**	<1	**160**
SP1-3	NA	**250**	**920**	**3.7**	**6.49**	**2.62**	**102**	<1	**262**
SP1-4	NA	**280**	**970**	**0.99**	**4.95**	<1	**33.3**	<1	**85.8**
SP1-5	NA	**210**	**660**	--	--	--	--	--	--
SP1-6	NA	**89**	**840**	**0.71**	**5.63**	**1.04**	**206**	<1	**94.8**
SP1-7	NA	**150**	**750**	**1.9**	**5.39**	**2.19**	**162**	<1	**224**
SP1-8	NA	<50	<250	--	--	--	--	--	--
SP1-9	NA	<50	<250	--	--	--	--	--	--
SP1-10	NA	<50	<250	--	--	--	--	--	--
SP2-1	NA	**120**	**290**	--	--	--	--	--	--
SP2-2	NA	**240**	**650**	**0.55**	**6.45**	**1.05**	**15.9**	<1	**102**
SP2-3	NA	**82**	<250	--	--	--	--	--	--
SP2-4	NA	**140**	**500**	--	--	--	--	--	--
SP2-5	NA	**180**	**610**	**2.4**	**6.02**	**2.95**	**460**	<1	**293**
SP2-6	NA	**440**	**1,100**	**1.9**	**4.6**	**2.51**	**62.2**	<1	**265**
SP2-7	NA	**490**	**1,400**	**1**	**7.79**	**2.13**	**56.9**	**1.07**	**152**
SP2-8	NA	<50	<250	--	--	--	--	--	--
SP2-9	NA	**1,400**	**3,200**	--	--	--	--	--	--
SP2-10	NA	**380**	**1,100**	**5.4**	**5.26**	**4.23**	**198**	**1.99**	**443**
SP3-Composite	NA	**96**	<250	**1.2**	**2.91**	<1	**11.8**	<1	**42.3**
A1-WSW01-3	3	**280**	**1,100**	**4.9**	**7.2**	**4.79**	**253**	<1	**387**
A1-NSW01-03	3	**640**	**1,800**	**7.8**	**6.92**	**4.5**	**651**	**1.22**	**393**
A1-B04	4	**160**	**450**	--	--	--	--	--	--
A2-NSW01-03	3	<50	<250	--	--	--	--	--	--
A2-B04	4	<50	<250	--	--	--	--	--	--
A3-NSW01-03	3	**250**	**870**	--	--	--	--	--	--
A3-B04	4	**520**	**1,400**	**3.1**	**5.14**	**3.64**	**162**	**1.58**	**388**
A4-NSW01-03	3	**360**	**1,200**	**14**	**5.5**	**4.5**	**263**	<1	**604**
A4-NSW02-03	3	**--**	**--**	**3.87**	**3.87**	**1.78**	**27.8**	<1	**198**
A4-ESW01-03	3	**230**	**830**	--	--	--	--	--	--
A4-B04	4	**360**	**1,200**	**2.4**	**4.72**	**3.13**	**290**	**1.24**	**297**
Laboratory Method Reporting Limit		50	250	0.2	1	1	5	1	1
MTCA-A Industrial Cleanup Levels		2,000	2,000	10	20	2	2,000	2	1,000

Appendix C

Project Analytical Results

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Arina Podnozova, B.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

June 28, 2016

Brian Dixon, Project Manager
EcoCon, Inc.
15 Oregon Ave, Suite 110
Tacoma, WA 98409

Dear Mr Dixon:

Included are the results from the testing of material submitted on June 16, 2016 from the 0611-01-01 BLT Transport, F&BI 606296 project. There are 41 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: invoices@ecocononline.com,
EMS0628R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on June 16, 2016 by Friedman & Bruya, Inc. from the EcoCon 0611-01-01 BLT Transport, F&BI 606296 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	EcoCon
606296 -01	SP1-1
606296 -02	SP1-2
606296 -03	SP1-3
606296 -04	SP1-4
606296 -05	SP1-5
606296 -06	SP1-6
606296 -07	SP1-7
606296 -08	SP1-8
606296 -09	SP1-9
606296 -10	SP1-10
606296 -11	SP2-1
606296 -12	SP2-2
606296 -13	SP2-3
606296 -14	SP2-4
606296 -15	SP2-5
606296 -16	SP2-6
606296 -17	SP2-7
606296 -18	SP2-8
606296 -19	SP2-9
606296 -20	SP2-10
606296 -21	A1-NSW01-03
606296 -22	A1-WSW01-03
606296 -23	A1-B-04
606296 -24	A2-B-04
606296 -25	A2-NSW01-03
606296 -26	A3-NSW01-03
606296 -27	A3-B-04
606296 -28	A4-B-04
606296 -29	A4-NSW01-03
606296 -30	A4-ESW01-03

All quality control requirements were acceptable.

Date of Report: 06/28/16
Date Received: 06/16/16
Project: 0611-01-01 BLT Transport, F&BI 606296
Date Extracted: 06/16/16
Date Analyzed: 06/16/16

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 48-168)
SP1-1 606296-01	76 x	<250	106
SP1-2 606296-02	230 x	800	95
SP1-3 606296-03	250 x	920	103
SP1-4 606296-04	280 x	970	101
SP1-5 606296-05	210 x	660	104
SP1-6 606296-06	89 x	840	99
SP1-7 606296-07	150 x	750	95
SP1-8 606296-08	<50	<250	104
SP1-9 606296-09	<50	<250	95
SP1-10 606296-10	<50	<250	102
SP2-1 606296-11	120 x	290	102

Date of Report: 06/28/16
Date Received: 06/16/16
Project: 0611-01-01 BLT Transport, F&BI 606296
Date Extracted: 06/16/16
Date Analyzed: 06/16/16

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 48-168)
SP2-2 606296-12	240 x	650	101
SP2-3 606296-13	82 x	<250	105
SP2-4 606296-14	140 x	500	95
SP2-5 606296-15	180 x	610	102
SP2-6 606296-16	440 x	1,100	109
SP2-7 606296-17	490 x	1,400	99
SP2-8 606296-18	<50	<250	106
SP2-9 606296-19	1,400 x	3,200	106
SP2-10 606296-20	380 x	1,100	101
A1-NSW01-03 606296-21	280 x	1,100	108
A1-WSW01-03 606296-22	640 x	1,800	105

Date of Report: 06/28/16
Date Received: 06/16/16
Project: 0611-01-01 BLT Transport, F&BI 606296
Date Extracted: 06/16/16
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RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 48-168)
A1-B-04 606296-23	160 x	450	100
A2-B-04 606296-24	<50	<250	104
A2-NSW01-03 606296-25	<50	<250	111
A3-NSW01-03 606296-26	250 x	870	104
A3-B-04 606296-27	520 x	1,400	106
A4-B-04 606296-28	360 x	1,200	101
A4-NSW01-03 606296-29	360 x	1,200	106
A4-ESW01-03 606296-30	230 x	830	101
Method Blank 06-1227 MB	<50	<250	111
Method Blank 06-1228 MB	<50	<250	107

Analysis For Total Metals By EPA Method 200.8

Client ID:	SP1-2	Client:	EcoCon
Date Received:	06/16/16	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	606296-02
Date Analyzed:	06/22/16	Data File:	606296-02.105
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	5.71
Cadmium	1.74
Chromium	188
Lead	160
Mercury	<1

Analysis For Total Metals By EPA Method 200.8

Client ID:	SP1-3	Client:	EcoCon
Date Received:	06/16/16	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	606296-03
Date Analyzed:	06/22/16	Data File:	606296-03.106
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	6.49
Cadmium	2.62
Chromium	102
Lead	262
Mercury	<1

Analysis For Total Metals By EPA Method 200.8

Client ID:	SP1-4	Client:	EcoCon
Date Received:	06/16/16	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	606296-04
Date Analyzed:	06/22/16	Data File:	606296-04.107
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.95
Cadmium	<1
Chromium	33.3
Lead	85.8
Mercury	<1

Analysis For Total Metals By EPA Method 200.8

Client ID:	SP1-6	Client:	EcoCon
Date Received:	06/16/16	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	606296-06
Date Analyzed:	06/22/16	Data File:	606296-06.108
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	5.63
Cadmium	1.04
Chromium	206
Lead	94.8
Mercury	<1

Analysis For Total Metals By EPA Method 200.8

Client ID:	SP1-7	Client:	EcoCon
Date Received:	06/16/16	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	606296-07
Date Analyzed:	06/22/16	Data File:	606296-07.109
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	5.39
Cadmium	2.19
Chromium	162
Lead	224
Mercury	<1

Analysis For Total Metals By EPA Method 200.8

Client ID:	SP2-2	Client:	EcoCon
Date Received:	06/16/16	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	606296-12
Date Analyzed:	06/22/16	Data File:	606296-12.111
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	6.45
Cadmium	1.05
Chromium	15.9
Lead	102
Mercury	<1

Analysis For Total Metals By EPA Method 200.8

Client ID:	SP2-5	Client:	EcoCon
Date Received:	06/16/16	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	606296-15
Date Analyzed:	06/22/16	Data File:	606296-15.112
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	6.02
Cadmium	2.95
Chromium	460
Lead	293
Mercury	<1

Analysis For Total Metals By EPA Method 200.8

Client ID:	SP2-6	Client:	EcoCon
Date Received:	06/16/16	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	606296-16
Date Analyzed:	06/22/16	Data File:	606296-16.113
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.60
Cadmium	2.51
Chromium	62.2
Lead	265
Mercury	<1

Analysis For Total Metals By EPA Method 200.8

Client ID:	SP2-7	Client:	EcoCon
Date Received:	06/16/16	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	606296-17
Date Analyzed:	06/22/16	Data File:	606296-17.114
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	7.79
Cadmium	2.13
Chromium	56.9
Lead	152
Mercury	1.07

Analysis For Total Metals By EPA Method 200.8

Client ID:	SP2-10	Client:	EcoCon
Date Received:	06/16/16	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	606296-20
Date Analyzed:	06/22/16	Data File:	606296-20.115
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	5.26
Cadmium	4.23
Chromium	198
Lead	443
Mercury	1.99

Analysis For Total Metals By EPA Method 200.8

Client ID:	A1-NSW01-03	Client:	EcoCon
Date Received:	06/16/16	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	606296-21
Date Analyzed:	06/22/16	Data File:	606296-21.116
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	6.92
Cadmium	4.50
Chromium	651
Lead	393
Mercury	1.22

Analysis For Total Metals By EPA Method 200.8

Client ID:	A1-WSW01-03	Client:	EcoCon
Date Received:	06/16/16	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	606296-22
Date Analyzed:	06/22/16	Data File:	606296-22.117
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	7.20
Cadmium	4.79
Chromium	253
Lead	387
Mercury	<1

Analysis For Total Metals By EPA Method 200.8

Client ID:	A3-B-04	Client:	EcoCon
Date Received:	06/16/16	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	606296-27
Date Analyzed:	06/22/16	Data File:	606296-27.122
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	5.14
Cadmium	3.64
Chromium	162
Lead	388
Mercury	1.58

Analysis For Total Metals By EPA Method 200.8

Client ID:	A4-B-04	Client:	EcoCon
Date Received:	06/16/16	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	606296-28
Date Analyzed:	06/22/16	Data File:	606296-28.123
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.72
Cadmium	3.13
Chromium	290
Lead	297
Mercury	1.24

Analysis For Total Metals By EPA Method 200.8

Client ID:	A4-NSW01-03	Client:	EcoCon
Date Received:	06/16/16	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	606296-29
Date Analyzed:	06/22/16	Data File:	606296-29.124
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	5.50
Cadmium	4.50
Chromium	263
Lead	604
Mercury	<1

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	EcoCon
Date Received:	NA	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	I6-394 mb
Date Analyzed:	06/22/16	Data File:	I6-394 mb.057
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1
Cadmium	<1
Chromium	<5
Lead	<1
Mercury	<1

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	SP1-2	Client:	EcoCon
Date Received:	06/16/16	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	606296-02 1/50
Date Analyzed:	06/22/16	Data File:	062119.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	85 d	29	154

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.2
Aroclor 1232	<0.2
Aroclor 1016	<0.2
Aroclor 1242	<0.2
Aroclor 1248	<0.2
Aroclor 1254	2.1
Aroclor 1260	<0.2
Aroclor 1262	<0.2
Aroclor 1268	<0.2

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	SP1-3	Client:	EcoCon
Date Received:	06/16/16	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	606296-03 1/50
Date Analyzed:	06/22/16	Data File:	062120.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	90 d	29	154

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.2
Aroclor 1232	<0.2
Aroclor 1016	<0.2
Aroclor 1242	<0.2
Aroclor 1248	<0.2
Aroclor 1254	3.7
Aroclor 1260	<0.2
Aroclor 1262	<0.2
Aroclor 1268	<0.2

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	SP1-4	Client:	EcoCon
Date Received:	06/16/16	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	606296-04 1/50
Date Analyzed:	06/22/16	Data File:	062121.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	75 d	29	154

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.2
Aroclor 1232	<0.2
Aroclor 1016	<0.2
Aroclor 1242	<0.2
Aroclor 1248	<0.2
Aroclor 1254	0.99
Aroclor 1260	<0.2
Aroclor 1262	<0.2
Aroclor 1268	<0.2

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	SP1-6	Client:	EcoCon
Date Received:	06/16/16	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	606296-06 1/50
Date Analyzed:	06/22/16	Data File:	062122.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	75 d	29	154

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.2
Aroclor 1232	<0.2
Aroclor 1016	<0.2
Aroclor 1242	<0.2
Aroclor 1248	<0.2
Aroclor 1254	0.71
Aroclor 1260	<0.2
Aroclor 1262	<0.2
Aroclor 1268	<0.2

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	SP1-7	Client:	EcoCon
Date Received:	06/16/16	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	606296-07 1/50
Date Analyzed:	06/21/16	Data File:	062105.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	85 d	29	154

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.2
Aroclor 1232	<0.2
Aroclor 1016	<0.2
Aroclor 1242	<0.2
Aroclor 1248	<0.2
Aroclor 1254	1.9
Aroclor 1260	<0.2
Aroclor 1262	<0.2
Aroclor 1268	<0.2

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	SP2-2	Client:	EcoCon
Date Received:	06/16/16	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	606296-12 1/50
Date Analyzed:	06/21/16	Data File:	062106.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	75 d	29	154

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.2
Aroclor 1232	<0.2
Aroclor 1016	<0.2
Aroclor 1242	<0.2
Aroclor 1248	<0.2
Aroclor 1254	0.55
Aroclor 1260	<0.2
Aroclor 1262	<0.2
Aroclor 1268	<0.2

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	SP2-5	Client:	EcoCon
Date Received:	06/16/16	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	606296-15 1/50
Date Analyzed:	06/21/16	Data File:	062107.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	75 d	29	154

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.2
Aroclor 1232	<0.2
Aroclor 1016	<0.2
Aroclor 1242	<0.2
Aroclor 1248	<0.2
Aroclor 1254	2.4
Aroclor 1260	<0.2
Aroclor 1262	<0.2
Aroclor 1268	<0.2

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	SP2-6	Client:	EcoCon
Date Received:	06/16/16	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	606296-16 1/50
Date Analyzed:	06/21/16	Data File:	062108.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	85 d	29	154

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.2
Aroclor 1232	<0.2
Aroclor 1016	<0.2
Aroclor 1242	<0.2
Aroclor 1248	<0.2
Aroclor 1254	1.9
Aroclor 1260	<0.2
Aroclor 1262	<0.2
Aroclor 1268	<0.2

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	SP2-7	Client:	EcoCon
Date Received:	06/16/16	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	606296-17 1/50
Date Analyzed:	06/21/16	Data File:	062109.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	80 d	29	154

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.2
Aroclor 1232	<0.2
Aroclor 1016	<0.2
Aroclor 1242	<0.2
Aroclor 1248	<0.2
Aroclor 1254	1.0
Aroclor 1260	<0.2
Aroclor 1262	<0.2
Aroclor 1268	<0.2

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	SP2-10	Client:	EcoCon
Date Received:	06/16/16	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	606296-20 1/50
Date Analyzed:	06/21/16	Data File:	062110.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	85 d	29	154

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.2
Aroclor 1232	<0.2
Aroclor 1016	<0.2
Aroclor 1242	<0.2
Aroclor 1248	<0.2
Aroclor 1254	5.4
Aroclor 1260	<0.2
Aroclor 1262	<0.2
Aroclor 1268	<0.2

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A1-NSW01-03	Client:	EcoCon
Date Received:	06/16/16	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	606296-21 1/50
Date Analyzed:	06/21/16	Data File:	062111.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	85 d	29	154

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.2
Aroclor 1232	<0.2
Aroclor 1016	<0.2
Aroclor 1242	<0.2
Aroclor 1248	<0.2
Aroclor 1254	7.8
Aroclor 1260	<0.2
Aroclor 1262	<0.2
Aroclor 1268	<0.2

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A1-WSW01-03	Client:	EcoCon
Date Received:	06/16/16	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	606296-22 1/50
Date Analyzed:	06/21/16	Data File:	062112.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	75 d	29	154

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.2
Aroclor 1232	<0.2
Aroclor 1016	<0.2
Aroclor 1242	<0.2
Aroclor 1248	<0.2
Aroclor 1254	4.9
Aroclor 1260	<0.2
Aroclor 1262	<0.2
Aroclor 1268	<0.2

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A3-B-04	Client:	EcoCon
Date Received:	06/16/16	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	606296-27 1/50
Date Analyzed:	06/21/16	Data File:	062113.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	70 d	29	154

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.2
Aroclor 1232	<0.2
Aroclor 1016	<0.2
Aroclor 1242	<0.2
Aroclor 1248	<0.2
Aroclor 1254	3.1
Aroclor 1260	<0.2
Aroclor 1262	<0.2
Aroclor 1268	<0.2

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A4-B-04	Client:	EcoCon
Date Received:	06/16/16	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	606296-28 1/50
Date Analyzed:	06/21/16	Data File:	062114.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	85 d	29	154

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.2
Aroclor 1232	<0.2
Aroclor 1016	<0.2
Aroclor 1242	<0.2
Aroclor 1248	<0.2
Aroclor 1254	2.4
Aroclor 1260	<0.2
Aroclor 1262	<0.2
Aroclor 1268	<0.2

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A4-NSW01-03	Client:	EcoCon
Date Received:	06/16/16	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	606296-29 1/50
Date Analyzed:	06/21/16	Data File:	062115.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	95 d	29	154

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.2
Aroclor 1232	<0.2
Aroclor 1016	<0.2
Aroclor 1242	<0.2
Aroclor 1248	<0.2
Aroclor 1254	14
Aroclor 1260	<0.2
Aroclor 1262	<0.2
Aroclor 1268	<0.2

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	EcoCon
Date Received:	Not Applicable	Project:	0611-01-01 BLT Transport, F&BI 606296
Date Extracted:	06/21/16	Lab ID:	06-1240 mb2 1/5
Date Analyzed:	06/21/16	Data File:	062104.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	92	29	154

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Date of Report: 06/28/16
Date Received: 06/16/16
Project: 0611-01-01 BLT Transport, F&BI 606296

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 606296-18 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	90	108	106	73-135	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	110	74-139

Date of Report: 06/28/16
Date Received: 06/16/16
Project: 0611-01-01 BLT Transport, F&BI 606296

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 606296-23 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	390	111	108	73-135	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	103	74-139

Date of Report: 06/28/16
Date Received: 06/16/16
Project: 0611-01-01 BLT Transport, F&BI 606296

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL METALS USING EPA METHOD 200.8

Laboratory Code: 606296-02 x10 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	<10	77	84	70-130	9
Cadmium	mg/kg (ppm)	10	<10	96	98	70-130	2
Chromium	mg/kg (ppm)	50	148	0 b	0 b	70-130	0 b
Lead	mg/kg (ppm)	50	141	65 b	100 b	70-130	42 b
Mercury	mg/kg (ppm	10	<10	102	105	70-130	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	115	85-115
Cadmium	mg/kg (ppm)	10	107	85-115
Chromium	mg/kg (ppm)	50	113	85-115
Lead	mg/kg (ppm)	50	108	85-115
Mercury	mg/kg (ppm)	10	104	85-115

Date of Report: 06/28/16
Date Received: 06/16/16
Project: 0611-01-01 BLT Transport, F&BI 606296

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 606282-04 1/50 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Control Limits
Aroclor 1016	mg/kg (ppm)	0.8	<0.2	84	50-150
Aroclor 1260	mg/kg (ppm)	0.8	<0.2	93	50-150

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.8	81	84	55-130	4
Aroclor 1260	mg/kg (ppm)	0.8	94	92	58-133	2

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

606296

SAMPLE CHAIN OF CUSTODY

ME 06/16/16 ADS

Page # 1 of 3

Send Report To Brian Dixon
Company ECI
Address 15 S Oregon Ave
City, State, ZIP Tacoma WA
Phone # 8056804286 Fax #
Email Address bdixon@ecocon.us

SAMPLERS (signature)

PROJECT NAME/NO.: 0611-01-01 BLT Transport
PO #
PROJECT ADDRESS: 1037 Central Ave S
· ELECTRONIC DATA REQUESTED

TURNAROUND TIME
· Standard Turnaround
· RUSH 24-hr
Rush charges authorized by:

SAMPLE DISPOSAL
· Dispose after 30 days
· Return samples
· Will call with instructions
Samples Received at ___ °C

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED: TPH-Diesel+ (NWTPH-Dx)	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	PCBs	MTCA 5 Metals				Notes
SP1-1	01	6-15-16	0910	Soil	1	X											
SP1-2	02		0912									X	X				5-day TAT
SP1-3	03		0914									X	X				
SP1-4	04		0916									X	X				
SP1-5	05		0918														
SP1-6	06		0920									X	X				
SP1-7	07		0922									X	X				
SP1-8	08		0924														
SP1-9	09		0926														
SP1-10	10		0928														

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:		Brian Dixon	ECI	6/16	1218
Received by:		James Bruya	FB	6/16	1218
Relinquished by:					
Received by:					

Samples received at 2 °C

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044
FORMS\COC\COC.DOC

606296

SAMPLE CHAIN OF CUSTODY

HE 06/16/16

AWS

Send Report To see page 1

Company

Address

City, State, ZIP

Phone # Fax #

Email Address bdixon@eccocon.us

SAMPLERS (signature)

PROJECT NAME/NO. 0611-01-01

BLT Transport

PO #

PROJECT ADDRESS 1037 Central Ave S

• ELECTRONIC DATA REQUESTED

TURNAROUND TIME
- Standard Turnaround
- RUSH 24 hr

Rush charges authorized by:

SAMPLE DISPOSAL
- Dispose after 30 days
- Return samples
- Will call with instructions

Samples Received at ___ °C

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED: TPH-Diesel + Oil	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	PCBs	HCA + Methyl				Notes
SP2-1	11	6-16-16	1044	Soil	1	X											
SP2-2	12		1046									X	X				48-hr TAT
SP2-3	13		1048														
SP2-4	14		1050														
SP2-5	15		1052									X	X				
SP2-6	16		1054									X	X				
SP2-7	17		1056									X	X				
SP2-8	18		1058														
SP2-9	19		1100														
SP2-10	20		1102									X	X				

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:		Brian Dixon	ECI	6/16	1218
Received by:		James Bruya	F&B	6/16	1218
Relinquished by:					
Received by:					

Samples received at 2 °C

Friedman & Bruya, Inc.
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SAMPLE CHAIN OF CUSTODY

ME 06/16/16

Page # 3 of 3

Send Report To Brian Dixon

Company see page 1

Address

City, State, ZIP

Phone # Fax #

Email Address

SAMPLERS (signature)

PROJECT NAME/NO. 0611-01-01 BLT Transport

PO #

PROJECT ADDRESS 1037 Central Ave S

· ELECTRONIC DATA REQUESTED

TURNAROUND TIME
- Standard Turnaround
- RUSH 24 hr

Rush charges authorized by:

SAMPLE DISPOSAL
- Dispose after 30 days
- Return samples
- Will call with instructions

Samples Received at ____ °C

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED: TPH-Diesel ext.	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	PCBs	MTCA 5 Metals				Notes
A1-NSW01-03	21	6-16-16	1115	Soil	1							X	X				48-hr TAT
A1-WSW01-03	22		1118									X	X				
A1-B-04	23		1121														
A2-B-04	24		1124														
A2-NSW01-03	25		1127														
A3-NSW01-03	26		1130														
A3-B-04	27		1133									X	X				
A4-B-04	28		1136									X	X				
A4-NSW01-03	29		1139									X	X				
A4-ESW01-03	30		1142									X	X				

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:		Brian Dixon	ECI	6/16	1218
Received by:		James Bruya	FEB	6/16	AM
Relinquished by:					
Received by:			Samples received at	2	°C

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

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FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Arina Podnozova, B.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

July 1, 2016

Brian Dixon, Project Manager
EcoCon, Inc.
15 S. Oregon Ave, Suite 110
Tacoma, WA 98409

Dear Mr Dixon:

Included are the results from the testing of material submitted on June 29, 2016 from the 0611-01-02, F&BI 606545 project. There are 12 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: invoices@ecocononline.com
EMS0701R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on June 29, 2016 by Friedman & Bruya, Inc. from the EcoCon 0611-01-02, F&BI 606545 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	EcoCon
606545 -01	SP3-Composite
606545 -02	A4-NSW02-03

The 200.8 chromium matrix spike and matrix spike duplicate exceeded the acceptance criteria. The laboratory control sample passed the acceptance criteria, therefore the results were likely due to matrix effect.

All other quality control requirements were acceptable.

Date of Report: 07/01/16
Date Received: 06/29/16
Project: 0611-01-02, F&BI 606545
Date Extracted: 06/30/16
Date Analyzed: 06/30/16

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 53-144)
SP3-Composite 606545-01	96 x	<250	94
Method Blank 06-1319 MB2	<50	<250	78

Analysis For Total Metals By EPA Method 200.8

Client ID:	SP3-Composite	Client:	EcoCon
Date Received:	06/29/16	Project:	0611-01-02, F&BI 606545
Date Extracted:	07/01/16	Lab ID:	606545-01
Date Analyzed:	07/01/16	Data File:	606545-01.023
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.91
Cadmium	<1
Chromium	11.8
Lead	42.3
Mercury	<1

Analysis For Total Metals By EPA Method 200.8

Client ID:	A4-NSW02-03	Client:	EcoCon
Date Received:	06/29/16	Project:	0611-01-02, F&BI 606545
Date Extracted:	07/01/16	Lab ID:	606545-02
Date Analyzed:	07/01/16	Data File:	606545-02.024
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.87
Cadmium	1.78
Chromium	27.8
Lead	198
Mercury	<1

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	EcoCon
Date Received:	NA	Project:	0611-01-02, F&BI 606545
Date Extracted:	07/01/16	Lab ID:	I6-429 mb
Date Analyzed:	07/01/16	Data File:	I6-429 mb.020
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1
Cadmium	<1
Chromium	<5
Lead	<1
Mercury	<1

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	SP3-Composite	Client:	EcoCon
Date Received:	06/29/16	Project:	0611-01-02, F&BI 606545
Date Extracted:	06/30/16	Lab ID:	606545-01 1/50
Date Analyzed:	07/01/16	Data File:	070107.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	100 d	29	154

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.2
Aroclor 1232	<0.2
Aroclor 1016	<0.2
Aroclor 1242	<0.2
Aroclor 1248	<0.2
Aroclor 1254	1.2
Aroclor 1260	<0.2
Aroclor 1262	<0.2
Aroclor 1268	<0.2

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A4-NSW02-03	Client:	EcoCon
Date Received:	06/29/16	Project:	0611-01-02, F&BI 606545
Date Extracted:	06/30/16	Lab ID:	606545-02 1/50
Date Analyzed:	07/01/16	Data File:	070108.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	100 d	29	154

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.2
Aroclor 1232	<0.2
Aroclor 1016	<0.2
Aroclor 1242	<0.2
Aroclor 1248	<0.2
Aroclor 1254	1.3
Aroclor 1260	<0.2
Aroclor 1262	<0.2
Aroclor 1268	<0.2

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	EcoCon
Date Received:	Not Applicable	Project:	0611-01-02, F&BI 606545
Date Extracted:	06/30/16	Lab ID:	06-1337 mb 1/5
Date Analyzed:	07/01/16	Data File:	070106.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	88	29	154

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Date of Report: 07/01/16
Date Received: 06/29/16
Project: 0611-01-02, F&BI 606545

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 606517-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	107	114	73-135	6

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	109	74-139

Date of Report: 07/01/16
Date Received: 06/29/16
Project: 0611-01-02, F&BI 606545

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL METALS USING EPA METHOD 200.8

Laboratory Code: 606545-02 x10 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	<10	99	99	70-130	0
Cadmium	mg/kg (ppm)	10	<10	102	101	70-130	1
Chromium	mg/kg (ppm)	50	<50	265 vo	163 vo	70-130	48 vo
Lead	mg/kg (ppm)	50	148	83 b	69 b	70-130	18 b
Mercury	mg/kg (ppm	10	<10	97	97	70-130	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	103	85-115
Cadmium	mg/kg (ppm)	10	109	85-115
Chromium	mg/kg (ppm)	50	109	85-115
Lead	mg/kg (ppm)	50	106	85-115
Mercury	mg/kg (ppm)	10	102	85-115

Date of Report: 07/01/16
Date Received: 06/29/16
Project: 0611-01-02, F&BI 606545

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 606545-01 1/50 (Matrix Spike) 1/50

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Control Limits
Aroclor 1016	mg/kg (ppm)	0.8	<0.2	98	50-150
Aroclor 1260	mg/kg (ppm)	0.8	<0.2	122	50-150

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.8	86	83	55-130	4
Aroclor 1260	mg/kg (ppm)	0.8	86	87	58-133	1

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

606545

ME 06-29-16

BI

SAMPLE CHAIN OF CUSTODY

Page # 1 of 1

Send Report To Brian Dixon

Company ECI

Address PO Box 153

City, State, ZIP Fox Island WA

Phone # 805 680 4286 Fax #

Email Address bdixon@ecocon.us

SAMPLERS (signature)

PROJECT NAME/NO. 0611-01-02

PO #

PROJECT ADDRESS 1037 Central Ave S

· ELECTRONIC DATA REQUESTED

TURNAROUND TIME
- Standard Turnaround
- RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
- Dispose after 30 days
- Return samples
- Will call with instructions

Samples Received at ____ °C

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED: TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	PCBs	MTCA 5 Metals				Notes
SP3-Composite	01	6/29/16	1215	Soil	1	X						X	X				48 hr.-Friday
A4-NSW02-03	02	6/29/16	1220	Soil	1							X	X				5-Day

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Brian Dixon	ECI	6/29/16	207
Received by:	Chris Swanson	FedEx Office	6/29/16	207
Relinquished by:				
Received by:	Elizabeth Radford	FTB	6/29/16	4:10

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

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