



May 9, 2022

Christer Loftenius
Washington State Department of Ecology
PO Box 47600
Olympia, Washington 98604

Re: Progress Report No. 11, District on the River Redevelopment, April 2022
Sagamore Spokane, LLC; PPCD No. 21200059-32
Facility/Site ID #1523145 and Cleanup Site ID #3509
Project No. 190210

Dear Christer:

This Progress Report has been prepared by Aspect Consulting, LLC (Aspect) for the District on the River Redevelopment at the Hamilton Street Bridge (Site) as a requirement of the Prospective Purchaser Consent Decree (PPCD) No. 21200059-32 between Sagamore Spokane, LLC and the Washington State Department of Ecology (Ecology). The PPCD was signed and executed on January 15, 2021. Section XII of the PPCD requires Sagamore Spokane, LLC to submit to Ecology a written monthly Progress Report that describes the actions required by the PPCD during the reporting period. Progress Report No. 11 covers the reporting period of April 5 to April 29, 2022.

1) Progress During Reporting Period

- Construction started on April 5, 2022 with shallow foundation excavation of Building 1B.
- Sacrificial (test) micropile installation began on April 6, 2022 to finalize installation means and methods and design load capacity. A total of four test micropiles were installed and load tested during this reporting period.
- Building 1B subgrade excavation was completed on April 6, 2022 and the first lift of backfill was placed in the bottom of the excavation such that no contaminated material was exposed.
- Aspect sampled the excavated fill stockpiles for waste profiling on April 11, 2022. Stockpile SS1 is from the Building 1B subgrade excavation and Stockpile SS2 is from the Building 1A subgrade excavation. Stockpile analytical results are attached.
- Building 1A subgrade excavation was completed on April 13, 2022 and the first lift of backfill was placed in the bottom of the excavation (as needed) such that no contaminated material was exposed.
- Buildings 1A and 1B subgrade excavations were backfilled to within 6 inches of bottom of mat foundation with compacted structural fill as of April 19, 2022 and have been verified with nuclear density testing in general accordance with the project plans.
- Aspect submitted the Final Amendment to the Final Engineering Design Report (EDR Amendment; Aspect, 2022) detailing micropile installation methods and including the Final SPCC Plan and HASP on April 22, 2022.



- Ecology approved the EDR Amendment and start of production micropile installation on April 25, 2022.
- Production micropile installation started on April 27, 2022 within the footprint of Building 2B. A total of five production micropiles were installed during this reporting period.
- Aspect forwarded the Final EDR Amendment to Ecology – Water Quality Program on April 27, 2022.
- Waste Management accepted the waste Profile for Stockpile SS2 (116998WA, attached). Fish bioassay testing for toxicity was required by Waste Management for acceptance of Stockpile SS1.

2) Sampling and/or Testing Reports Received

- Stockpile analytical results from Eurofins for waste profiling are attached.

3) Summary of Deviations

- No deviations during this reporting period.

4) Schedule

- Ecology – Toxics Control Program had scheduled a site visit for Friday April 29, which was cancelled and rescheduled for early May.
- Production micropile installation is taking longer than anticipated; should a revised schedule become available, Aspect will share it with Ecology.

5) Contact with Other Parties

- The PLPs' consultant Landau has not been on Site since April 13, 2022.

6) List of Deliverables and Key Activities Planned for Next Month

- Stockpile SS1 fish bioassay results and profile will be included in the next progress report.
- Stockpile SS2 will be removed from the Site and disposed of as nonhazardous, non-dangerous soil at Waste Management's Graham Road facility. Waste Management disposal tickets will be included in the next progress report.
- Aspect will continue environmental oversight assisting the Contractor with soil management during Building 2A subgrade preparation and micropile installation.

Washington State Department of Ecology
May 9, 2022

Project No. 190210

Please let us know if you have any questions.

Sincerely,

Aspect consulting, LLC



Breyne Greer, PE
Project Engineer
bgreer@aspectconsulting.com



Adam Griffin, PE
Senior Associate Engineer
agriffin@aspectconsulting.com

Attachments:

Attachment 1 – Stockpile Analytical Results from Eurofins
Attachment 2 – Waste Management Profile 116998WA

cc: Dave Cook, Aspect Consulting LLC (email only)
Chuck Dubroff, Sagamore Spokane LLC (email only)
Kavin Schafer, Garco Construction (email only)

V:\190210 Sagamore Spokane\Project Management\Progress Reports\No 11_04092022\Monthly Progress Report No 11_050522.docx

ATTACHMENT 1

Stockpile Analytical Results from Eurofin

ANALYTICAL REPORT

Eurofins Spokane
11922 East 1st Ave
Spokane, WA 99206
Tel: (509)924-9200

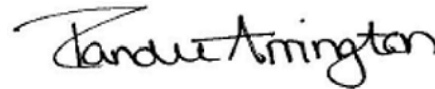
Laboratory Job ID: 590-17277-1

Client Project/Site: District on the River/190210

For:

Aspect Consulting
710 Second Avenue
Suite 550
Seattle, Washington 98104

Attn: Breeyn Greer



*Authorized for release by:
4/18/2022 5:09:22 PM*

Randee Arrington, Lab Director
(509)924-9200

Randee.Arrington@et.eurofinsus.com

LINKS

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www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Case Narrative

Client: Aspect Consulting
Project/Site: District on the River/190210

Job ID: 590-17277-1

Job ID: 590-17277-1

Laboratory: Eurofins Spokane

Narrative

Receipt

The samples were received on 4/11/2022 4:15 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 6.0° C.

GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC/MS Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA

Method NWTPH-Dx: Detected hydrocarbons in the diesel range appear to be due to oil overlap in the following samples: SS2-03-041122 (590-17277-6), SS2-04-041122 (590-17277-7) and SS2-05-041122 (590-17277-8).

Method NWTPH-Dx: Detected hydrocarbons appear to be due to creosote or similar products in the following samples: SS1-01-041122 (590-17277-1) and SS1-02-041122 (590-17277-2).

Method NWTPH-Dx: Detected hydrocarbons appear to be due to creosote or similar product as well as oil in the following samples: SS1-03-041122 (590-17277-3), SS2-01-041122 (590-17277-4) and SS2-02-041122 (590-17277-5).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

Method 6010D: The low level initial calibration verification (ICVL) associated with batch 590-35764 recovered above the upper control limit for Arsenic. The samples associated with this CCV were either 10x the spike amount or non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: Aspect Consulting
Project/Site: District on the River/190210

Job ID: 590-17277-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
590-17277-1	SS1-01-041122	Solid	04/11/22 09:00	04/12/22 16:15
590-17277-2	SS1-02-041122	Solid	04/11/22 09:05	04/12/22 16:15
590-17277-3	SS1-03-041122	Solid	04/11/22 09:10	04/12/22 16:15
590-17277-4	SS2-01-041122	Solid	04/11/22 09:30	04/12/22 16:15
590-17277-5	SS2-02-041122	Solid	04/11/22 09:35	04/12/22 16:15
590-17277-6	SS2-03-041122	Solid	04/11/22 09:45	04/12/22 16:15
590-17277-7	SS2-04-041122	Solid	04/11/22 09:50	04/12/22 16:15
590-17277-8	SS2-05-041122	Solid	04/11/22 10:00	04/12/22 16:15

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Definitions/Glossary

Client: Aspect Consulting
Project/Site: District on the River/190210

Job ID: 590-17277-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

Metals

Qualifier	Qualifier Description
^1+	Initial Calibration Verification (ICV) is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Definitions/Glossary

Client: Aspect Consulting
Project/Site: District on the River/190210

Job ID: 590-17277-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

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Client Sample Results

Client: Aspect Consulting
Project/Site: District on the River/190210

Job ID: 590-17277-1

Client Sample ID: SS1-01-041122

Lab Sample ID: 590-17277-1

Date Collected: 04/11/22 09:00

Matrix: Solid

Date Received: 04/12/22 16:15

Percent Solids: 86.7

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	8.9	J	20	7.3	mg/Kg	☼	04/12/22 11:13	04/12/22 17:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		41.5 - 162				04/12/22 11:13	04/12/22 17:27	1

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	990	F1 F2	23	4.9	ug/Kg	☼	04/15/22 09:56	04/15/22 12:56	2
2-Methylnaphthalene	660	F1	23	7.1	ug/Kg	☼	04/15/22 09:56	04/15/22 12:56	2
1-Methylnaphthalene	460	F1	23	5.1	ug/Kg	☼	04/15/22 09:56	04/15/22 12:56	2
Acenaphthylene	4100		23	7.6	ug/Kg	☼	04/15/22 09:56	04/15/22 12:56	2
Acenaphthene	320		23	5.8	ug/Kg	☼	04/15/22 09:56	04/15/22 12:56	2
Fluorene	1800		23	5.0	ug/Kg	☼	04/15/22 09:56	04/15/22 12:56	2
Phenanthrene	13000		230	83	ug/Kg	☼	04/15/22 09:56	04/15/22 19:44	20
Anthracene	3300		23	4.6	ug/Kg	☼	04/15/22 09:56	04/15/22 12:56	2
Fluoranthene	16000		230	57	ug/Kg	☼	04/15/22 09:56	04/15/22 19:44	20
Pyrene	21000		230	87	ug/Kg	☼	04/15/22 09:56	04/15/22 19:44	20
Benzo[a]anthracene	8000		230	49	ug/Kg	☼	04/15/22 09:56	04/15/22 19:44	20
Chrysene	8200		230	35	ug/Kg	☼	04/15/22 09:56	04/15/22 19:44	20
Benzo[b]fluoranthene	12000		230	80	ug/Kg	☼	04/15/22 09:56	04/15/22 19:44	20
Benzo[k]fluoranthene	3300		23	5.7	ug/Kg	☼	04/15/22 09:56	04/15/22 12:56	2
Benzo[a]pyrene	8700		230	97	ug/Kg	☼	04/15/22 09:56	04/15/22 19:44	20
Indeno[1,2,3-cd]pyrene	4800		23	6.8	ug/Kg	☼	04/15/22 09:56	04/15/22 12:56	2
Dibenz(a,h)anthracene	1400		23	6.5	ug/Kg	☼	04/15/22 09:56	04/15/22 12:56	2
Benzo[g,h,i]perylene	5300		23	5.4	ug/Kg	☼	04/15/22 09:56	04/15/22 12:56	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	76		44 - 120				04/15/22 09:56	04/15/22 12:56	2
Nitrobenzene-d5	76		44 - 120				04/15/22 09:56	04/15/22 19:44	20
2-Fluorobiphenyl (Surr)	83		47 - 120				04/15/22 09:56	04/15/22 12:56	2
2-Fluorobiphenyl (Surr)	82		47 - 120				04/15/22 09:56	04/15/22 19:44	20
p-Terphenyl-d14	95		54 - 132				04/15/22 09:56	04/15/22 12:56	2
p-Terphenyl-d14	111		54 - 132				04/15/22 09:56	04/15/22 19:44	20

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	440		57	24	mg/Kg	☼	04/17/22 11:18	04/17/22 18:40	5
Residual Range Organics (RRO) (C25-C36)	730		140	29	mg/Kg	☼	04/17/22 11:18	04/17/22 18:40	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	199	S1+	50 - 150				04/17/22 11:18	04/17/22 18:40	5
n-Triacontane-d62	170	S1+	50 - 150				04/17/22 11:18	04/17/22 18:40	5

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.5		1.0	0.40	mg/Kg	☼	04/14/22 15:30	04/18/22 14:07	1
Barium	300		1.0	0.27	mg/Kg	☼	04/14/22 15:30	04/15/22 11:40	1
Cadmium	0.60	J	0.80	0.047	mg/Kg	☼	04/14/22 15:30	04/15/22 11:40	1
Chromium	9.7		1.0	0.14	mg/Kg	☼	04/14/22 15:30	04/15/22 11:40	1

Eurofins Spokane

Client Sample Results

Client: Aspect Consulting
Project/Site: District on the River/190210

Job ID: 590-17277-1

Client Sample ID: SS1-01-041122

Lab Sample ID: 590-17277-1

Date Collected: 04/11/22 09:00

Matrix: Solid

Date Received: 04/12/22 16:15

Percent Solids: 86.7

Method: 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	88		2.4	1.2	mg/Kg	☼	04/14/22 15:30	04/15/22 11:40	1
Selenium	ND		4.0	2.4	mg/Kg	☼	04/14/22 15:30	04/15/22 11:40	1
Silver	ND		1.0	0.23	mg/Kg	☼	04/14/22 15:30	04/15/22 11:40	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	120		51	3.6	ug/Kg	☼	04/14/22 15:32	04/15/22 11:51	1

Client Sample ID: SS1-02-041122

Lab Sample ID: 590-17277-2

Date Collected: 04/11/22 09:05

Matrix: Solid

Date Received: 04/12/22 16:15

Percent Solids: 92.1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	6.7	J	15	5.5	mg/Kg	☼	04/12/22 11:13	04/12/22 18:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		41.5 - 162				04/12/22 11:13	04/12/22 18:10	1

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	390		11	2.3	ug/Kg	☼	04/15/22 09:56	04/15/22 14:08	1
2-Methylnaphthalene	220		11	3.4	ug/Kg	☼	04/15/22 09:56	04/15/22 14:08	1
1-Methylnaphthalene	140		11	2.4	ug/Kg	☼	04/15/22 09:56	04/15/22 14:08	1
Acenaphthylene	1100		11	3.6	ug/Kg	☼	04/15/22 09:56	04/15/22 14:08	1
Acenaphthene	220		11	2.7	ug/Kg	☼	04/15/22 09:56	04/15/22 14:08	1
Fluorene	250		11	2.4	ug/Kg	☼	04/15/22 09:56	04/15/22 14:08	1
Phenanthrene	2400		11	3.9	ug/Kg	☼	04/15/22 09:56	04/15/22 14:08	1
Anthracene	790		11	2.2	ug/Kg	☼	04/15/22 09:56	04/15/22 14:08	1
Fluoranthene	4600		110	27	ug/Kg	☼	04/15/22 09:56	04/15/22 20:57	10
Pyrene	5400		110	41	ug/Kg	☼	04/15/22 09:56	04/15/22 20:57	10
Benzo[a]anthracene	3100		110	23	ug/Kg	☼	04/15/22 09:56	04/15/22 20:57	10
Chrysene	3100		110	16	ug/Kg	☼	04/15/22 09:56	04/15/22 20:57	10
Benzo[b]fluoranthene	5400		110	38	ug/Kg	☼	04/15/22 09:56	04/15/22 20:57	10
Benzo[k]fluoranthene	1600		11	2.7	ug/Kg	☼	04/15/22 09:56	04/15/22 14:08	1
Benzo[a]pyrene	4100		110	46	ug/Kg	☼	04/15/22 09:56	04/15/22 20:57	10
Indeno[1,2,3-cd]pyrene	2100		11	3.2	ug/Kg	☼	04/15/22 09:56	04/15/22 14:08	1
Dibenz(a,h)anthracene	660		11	3.1	ug/Kg	☼	04/15/22 09:56	04/15/22 14:08	1
Benzo[g,h,i]perylene	2100		11	2.5	ug/Kg	☼	04/15/22 09:56	04/15/22 14:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	93		44 - 120				04/15/22 09:56	04/15/22 14:08	1
Nitrobenzene-d5	82		44 - 120				04/15/22 09:56	04/15/22 20:57	10
2-Fluorobiphenyl (Surr)	96		47 - 120				04/15/22 09:56	04/15/22 14:08	1
2-Fluorobiphenyl (Surr)	90		47 - 120				04/15/22 09:56	04/15/22 20:57	10
p-Terphenyl-d14	102		54 - 132				04/15/22 09:56	04/15/22 14:08	1
p-Terphenyl-d14	106		54 - 132				04/15/22 09:56	04/15/22 20:57	10

Eurofins Spokane

Client Sample Results

Client: Aspect Consulting
Project/Site: District on the River/190210

Job ID: 590-17277-1

Client Sample ID: SS1-02-041122

Lab Sample ID: 590-17277-2

Date Collected: 04/11/22 09:05

Matrix: Solid

Date Received: 04/12/22 16:15

Percent Solids: 92.1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	95		10	4.3	mg/Kg	☼	04/17/22 11:18	04/17/22 19:00	1
Residual Range Organics (RRO) (C25-C36)	240		26	5.1	mg/Kg	☼	04/17/22 11:18	04/17/22 19:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	113		50 - 150				04/17/22 11:18	04/17/22 19:00	1
<i>n</i> -Triacontane-d62	125		50 - 150				04/17/22 11:18	04/17/22 19:00	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.4		1.0	0.41	mg/Kg	☼	04/14/22 15:30	04/18/22 14:10	1
Barium	280		1.0	0.28	mg/Kg	☼	04/14/22 15:30	04/15/22 11:43	1
Cadmium	0.47	J	0.83	0.049	mg/Kg	☼	04/14/22 15:30	04/15/22 11:43	1
Chromium	14		1.0	0.15	mg/Kg	☼	04/14/22 15:30	04/15/22 11:43	1
Lead	53		2.5	1.2	mg/Kg	☼	04/14/22 15:30	04/15/22 11:43	1
Selenium	ND		4.2	2.5	mg/Kg	☼	04/14/22 15:30	04/15/22 11:43	1
Silver	ND		1.0	0.24	mg/Kg	☼	04/14/22 15:30	04/15/22 11:43	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	150		54	3.9	ug/Kg	☼	04/14/22 15:32	04/15/22 11:53	1

Client Sample ID: SS1-03-041122

Lab Sample ID: 590-17277-3

Date Collected: 04/11/22 09:10

Matrix: Solid

Date Received: 04/12/22 16:15

Percent Solids: 84.7

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		17	6.2	mg/Kg	☼	04/12/22 11:13	04/12/22 18:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		41.5 - 162				04/12/22 11:13	04/12/22 18:32	1

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	740		12	2.5	ug/Kg	☼	04/15/22 09:56	04/15/22 14:33	1
2-Methylnaphthalene	380		12	3.7	ug/Kg	☼	04/15/22 09:56	04/15/22 14:33	1
1-Methylnaphthalene	200		12	2.6	ug/Kg	☼	04/15/22 09:56	04/15/22 14:33	1
Acenaphthylene	780		12	3.9	ug/Kg	☼	04/15/22 09:56	04/15/22 14:33	1
Acenaphthene	140		12	3.0	ug/Kg	☼	04/15/22 09:56	04/15/22 14:33	1
Fluorene	170		12	2.6	ug/Kg	☼	04/15/22 09:56	04/15/22 14:33	1
Phenanthrene	2100		12	4.3	ug/Kg	☼	04/15/22 09:56	04/15/22 14:33	1
Anthracene	700		12	2.4	ug/Kg	☼	04/15/22 09:56	04/15/22 14:33	1
Fluoranthene	4100		120	29	ug/Kg	☼	04/15/22 09:56	04/15/22 21:21	10
Pyrene	5000		120	45	ug/Kg	☼	04/15/22 09:56	04/15/22 21:21	10
Benzo[a]anthracene	2900		120	25	ug/Kg	☼	04/15/22 09:56	04/15/22 21:21	10
Chrysene	3000		120	18	ug/Kg	☼	04/15/22 09:56	04/15/22 21:21	10
Benzo[b]fluoranthene	4800		120	41	ug/Kg	☼	04/15/22 09:56	04/15/22 21:21	10
Benzo[k]fluoranthene	1700		12	2.9	ug/Kg	☼	04/15/22 09:56	04/15/22 14:33	1
Benzo[a]pyrene	3400		120	50	ug/Kg	☼	04/15/22 09:56	04/15/22 21:21	10
Indeno[1,2,3-cd]pyrene	1800		12	3.5	ug/Kg	☼	04/15/22 09:56	04/15/22 14:33	1

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Client Sample Results

Client: Aspect Consulting
Project/Site: District on the River/190210

Job ID: 590-17277-1

Client Sample ID: SS1-03-041122

Lab Sample ID: 590-17277-3

Date Collected: 04/11/22 09:10

Matrix: Solid

Date Received: 04/12/22 16:15

Percent Solids: 84.7

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	590		12	3.3	ug/Kg	☼	04/15/22 09:56	04/15/22 14:33	1
Benzo[g,h,i]perylene	1700		12	2.8	ug/Kg	☼	04/15/22 09:56	04/15/22 14:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	85		44 - 120				04/15/22 09:56	04/15/22 14:33	1
Nitrobenzene-d5	73		44 - 120				04/15/22 09:56	04/15/22 21:21	10
2-Fluorobiphenyl (Surr)	97		47 - 120				04/15/22 09:56	04/15/22 14:33	1
2-Fluorobiphenyl (Surr)	82		47 - 120				04/15/22 09:56	04/15/22 21:21	10
p-Terphenyl-d14	111		54 - 132				04/15/22 09:56	04/15/22 14:33	1
p-Terphenyl-d14	106		54 - 132				04/15/22 09:56	04/15/22 21:21	10

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	110		12	4.9	mg/Kg	☼	04/17/22 11:18	04/17/22 19:40	1
Residual Range Organics (RRO) (C25-C36)	310		29	5.8	mg/Kg	☼	04/17/22 11:18	04/17/22 19:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	106		50 - 150				04/17/22 11:18	04/17/22 19:40	1
n-Triacontane-d62	114		50 - 150				04/17/22 11:18	04/17/22 19:40	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.3		1.1	0.45	mg/Kg	☼	04/14/22 15:30	04/18/22 14:14	1
Barium	300		1.1	0.30	mg/Kg	☼	04/14/22 15:30	04/15/22 11:47	1
Cadmium	0.66	J	0.91	0.054	mg/Kg	☼	04/14/22 15:30	04/15/22 11:47	1
Chromium	22		1.1	0.16	mg/Kg	☼	04/14/22 15:30	04/15/22 11:47	1
Lead	110		2.7	1.3	mg/Kg	☼	04/14/22 15:30	04/15/22 11:47	1
Selenium	ND		4.5	2.7	mg/Kg	☼	04/14/22 15:30	04/15/22 11:47	1
Silver	ND		1.1	0.26	mg/Kg	☼	04/14/22 15:30	04/15/22 11:47	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	150		56	4.0	ug/Kg	☼	04/14/22 15:32	04/15/22 11:56	1

Client Sample ID: SS2-01-041122

Lab Sample ID: 590-17277-4

Date Collected: 04/11/22 09:30

Matrix: Solid

Date Received: 04/12/22 16:15

Percent Solids: 94.1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		12	4.2	mg/Kg	☼	04/12/22 11:13	04/12/22 18:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		41.5 - 162				04/12/22 11:13	04/12/22 18:53	1

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	140		52	11	ug/Kg	☼	04/15/22 09:56	04/15/22 14:57	5
2-Methylnaphthalene	88		52	16	ug/Kg	☼	04/15/22 09:56	04/15/22 14:57	5
1-Methylnaphthalene	67		52	12	ug/Kg	☼	04/15/22 09:56	04/15/22 14:57	5

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Client Sample Results

Client: Aspect Consulting
Project/Site: District on the River/190210

Job ID: 590-17277-1

Client Sample ID: SS2-01-041122

Lab Sample ID: 590-17277-4

Date Collected: 04/11/22 09:30

Matrix: Solid

Date Received: 04/12/22 16:15

Percent Solids: 94.1

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	1900		52	17	ug/Kg	✳	04/15/22 09:56	04/15/22 14:57	5
Acenaphthene	140		52	13	ug/Kg	✳	04/15/22 09:56	04/15/22 14:57	5
Fluorene	250		52	12	ug/Kg	✳	04/15/22 09:56	04/15/22 14:57	5
Phenanthrene	1500		52	19	ug/Kg	✳	04/15/22 09:56	04/15/22 14:57	5
Anthracene	950		52	10	ug/Kg	✳	04/15/22 09:56	04/15/22 14:57	5
Fluoranthene	4800		52	13	ug/Kg	✳	04/15/22 09:56	04/15/22 14:57	5
Pyrene	6500		52	20	ug/Kg	✳	04/15/22 09:56	04/15/22 14:57	5
Benzo[a]anthracene	3100		52	11	ug/Kg	✳	04/15/22 09:56	04/15/22 14:57	5
Chrysene	3200		52	8.0	ug/Kg	✳	04/15/22 09:56	04/15/22 14:57	5
Benzo[b]fluoranthene	4800		52	18	ug/Kg	✳	04/15/22 09:56	04/15/22 14:57	5
Benzo[k]fluoranthene	1700		52	13	ug/Kg	✳	04/15/22 09:56	04/15/22 14:57	5
Benzo[a]pyrene	4100		52	22	ug/Kg	✳	04/15/22 09:56	04/15/22 14:57	5
Indeno[1,2,3-cd]pyrene	1800		52	16	ug/Kg	✳	04/15/22 09:56	04/15/22 14:57	5
Dibenz(a,h)anthracene	530		52	15	ug/Kg	✳	04/15/22 09:56	04/15/22 14:57	5
Benzo[g,h,i]perylene	1900		52	12	ug/Kg	✳	04/15/22 09:56	04/15/22 14:57	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	85		44 - 120	04/15/22 09:56	04/15/22 14:57	5
2-Fluorobiphenyl (Surr)	93		47 - 120	04/15/22 09:56	04/15/22 14:57	5
p-Terphenyl-d14	104		54 - 132	04/15/22 09:56	04/15/22 14:57	5

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	100		21	8.9	mg/Kg	✳	04/17/22 11:18	04/17/22 20:00	2
Residual Range Organics (RRO) (C25-C36)	350		53	11	mg/Kg	✳	04/17/22 11:18	04/17/22 20:00	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	95		50 - 150	04/17/22 11:18	04/17/22 20:00	2
n-Triacontane-d62	98		50 - 150	04/17/22 11:18	04/17/22 20:00	2

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11	^1+	0.98	0.39	mg/Kg	✳	04/14/22 15:30	04/15/22 11:51	1
Barium	92		0.98	0.26	mg/Kg	✳	04/14/22 15:30	04/15/22 11:51	1
Cadmium	0.33	J	0.78	0.046	mg/Kg	✳	04/14/22 15:30	04/15/22 11:51	1
Chromium	13		0.98	0.14	mg/Kg	✳	04/14/22 15:30	04/15/22 11:51	1
Lead	44		2.3	1.1	mg/Kg	✳	04/14/22 15:30	04/15/22 11:51	1
Selenium	ND		3.9	2.4	mg/Kg	✳	04/14/22 15:30	04/15/22 11:51	1
Silver	ND		0.98	0.22	mg/Kg	✳	04/14/22 15:30	04/15/22 11:51	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	54		51	3.6	ug/Kg	✳	04/14/22 15:32	04/15/22 11:59	1

Client Sample Results

Client: Aspect Consulting
Project/Site: District on the River/190210

Job ID: 590-17277-1

Client Sample ID: SS2-02-041122

Lab Sample ID: 590-17277-5

Date Collected: 04/11/22 09:35

Matrix: Solid

Date Received: 04/12/22 16:15

Percent Solids: 88.7

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		13	4.5	mg/Kg	☼	04/12/22 11:13	04/12/22 19:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		41.5 - 162	04/12/22 11:13	04/12/22 19:36	1

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	36		23	4.8	ug/Kg	☼	04/15/22 09:56	04/15/22 15:21	2
2-Methylnaphthalene	29		23	7.0	ug/Kg	☼	04/15/22 09:56	04/15/22 15:21	2
1-Methylnaphthalene	21	J	23	5.0	ug/Kg	☼	04/15/22 09:56	04/15/22 15:21	2
Acenaphthylene	200		23	7.5	ug/Kg	☼	04/15/22 09:56	04/15/22 15:21	2
Acenaphthene	18	J	23	5.7	ug/Kg	☼	04/15/22 09:56	04/15/22 15:21	2
Fluorene	28		23	5.0	ug/Kg	☼	04/15/22 09:56	04/15/22 15:21	2
Phenanthrene	190		23	8.2	ug/Kg	☼	04/15/22 09:56	04/15/22 15:21	2
Anthracene	110		23	4.5	ug/Kg	☼	04/15/22 09:56	04/15/22 15:21	2
Fluoranthene	490		23	5.6	ug/Kg	☼	04/15/22 09:56	04/15/22 15:21	2
Pyrene	630		23	8.6	ug/Kg	☼	04/15/22 09:56	04/15/22 15:21	2
Benzo[a]anthracene	340		23	4.8	ug/Kg	☼	04/15/22 09:56	04/15/22 15:21	2
Chrysene	390		23	3.4	ug/Kg	☼	04/15/22 09:56	04/15/22 15:21	2
Benzo[b]fluoranthene	630		23	7.9	ug/Kg	☼	04/15/22 09:56	04/15/22 15:21	2
Benzo[k]fluoranthene	220		23	5.6	ug/Kg	☼	04/15/22 09:56	04/15/22 15:21	2
Benzo[a]pyrene	500		23	9.5	ug/Kg	☼	04/15/22 09:56	04/15/22 15:21	2
Indeno[1,2,3-cd]pyrene	220		23	6.7	ug/Kg	☼	04/15/22 09:56	04/15/22 15:21	2
Dibenz(a,h)anthracene	69		23	6.4	ug/Kg	☼	04/15/22 09:56	04/15/22 15:21	2
Benzo[g,h,i]perylene	240		23	5.3	ug/Kg	☼	04/15/22 09:56	04/15/22 15:21	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	89		44 - 120	04/15/22 09:56	04/15/22 15:21	2
2-Fluorobiphenyl (Surr)	96		47 - 120	04/15/22 09:56	04/15/22 15:21	2
p-Terphenyl-d14	109		54 - 132	04/15/22 09:56	04/15/22 15:21	2

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	26		11	4.7	mg/Kg	☼	04/17/22 11:18	04/17/22 20:19	1
Residual Range Organics (RRO) (C25-C36)	210		28	5.6	mg/Kg	☼	04/17/22 11:18	04/17/22 20:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	92		50 - 150	04/17/22 11:18	04/17/22 20:19	1
n-Triacontane-d62	100		50 - 150	04/17/22 11:18	04/17/22 20:19	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11	^1+	1.1	0.42	mg/Kg	☼	04/14/22 15:30	04/15/22 11:55	1
Barium	120		1.1	0.28	mg/Kg	☼	04/14/22 15:30	04/15/22 11:55	1
Cadmium	0.33	J	0.85	0.050	mg/Kg	☼	04/14/22 15:30	04/15/22 11:55	1
Chromium	9.1		1.1	0.15	mg/Kg	☼	04/14/22 15:30	04/15/22 11:55	1
Lead	56		2.5	1.2	mg/Kg	☼	04/14/22 15:30	04/15/22 11:55	1
Selenium	ND		4.2	2.6	mg/Kg	☼	04/14/22 15:30	04/15/22 11:55	1
Silver	ND		1.1	0.24	mg/Kg	☼	04/14/22 15:30	04/15/22 11:55	1

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Client Sample Results

Client: Aspect Consulting
Project/Site: District on the River/190210

Job ID: 590-17277-1

Client Sample ID: SS2-02-041122

Lab Sample ID: 590-17277-5

Date Collected: 04/11/22 09:35

Matrix: Solid

Date Received: 04/12/22 16:15

Percent Solids: 88.7

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	61		56	4.0	ug/Kg	☼	04/14/22 15:32	04/15/22 12:06	1

Client Sample ID: SS2-03-041122

Lab Sample ID: 590-17277-6

Date Collected: 04/11/22 09:45

Matrix: Solid

Date Received: 04/12/22 16:15

Percent Solids: 89.0

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		7.2	2.6	mg/Kg	☼	04/12/22 11:13	04/12/22 19:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		41.5 - 162	04/12/22 11:13	04/12/22 19:57	1

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	21	J	56	12	ug/Kg	☼	04/15/22 09:56	04/15/22 15:45	5
2-Methylnaphthalene	64		56	17	ug/Kg	☼	04/15/22 09:56	04/15/22 15:45	5
1-Methylnaphthalene	31	J	56	12	ug/Kg	☼	04/15/22 09:56	04/15/22 15:45	5
Acenaphthylene	28	J	56	19	ug/Kg	☼	04/15/22 09:56	04/15/22 15:45	5
Acenaphthene	ND		56	14	ug/Kg	☼	04/15/22 09:56	04/15/22 15:45	5
Fluorene	ND		56	12	ug/Kg	☼	04/15/22 09:56	04/15/22 15:45	5
Phenanthrene	77		56	20	ug/Kg	☼	04/15/22 09:56	04/15/22 15:45	5
Anthracene	27	J	56	11	ug/Kg	☼	04/15/22 09:56	04/15/22 15:45	5
Fluoranthene	150		56	14	ug/Kg	☼	04/15/22 09:56	04/15/22 15:45	5
Pyrene	170		56	21	ug/Kg	☼	04/15/22 09:56	04/15/22 15:45	5
Benzo[a]anthracene	91		56	12	ug/Kg	☼	04/15/22 09:56	04/15/22 15:45	5
Chrysene	120		56	8.5	ug/Kg	☼	04/15/22 09:56	04/15/22 15:45	5
Benzo[b]fluoranthene	160		56	20	ug/Kg	☼	04/15/22 09:56	04/15/22 15:45	5
Benzo[k]fluoranthene	63		56	14	ug/Kg	☼	04/15/22 09:56	04/15/22 15:45	5
Benzo[a]pyrene	120		56	24	ug/Kg	☼	04/15/22 09:56	04/15/22 15:45	5
Indeno[1,2,3-cd]pyrene	56		56	17	ug/Kg	☼	04/15/22 09:56	04/15/22 15:45	5
Dibenz[a,h]anthracene	22	J	56	16	ug/Kg	☼	04/15/22 09:56	04/15/22 15:45	5
Benzo[g,h,i]perylene	68		56	13	ug/Kg	☼	04/15/22 09:56	04/15/22 15:45	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	79		44 - 120	04/15/22 09:56	04/15/22 15:45	5
2-Fluorobiphenyl (Surr)	86		47 - 120	04/15/22 09:56	04/15/22 15:45	5
p-Terphenyl-d14	100		54 - 132	04/15/22 09:56	04/15/22 15:45	5

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	24	J	54	23	mg/Kg	☼	04/17/22 11:18	04/17/22 20:39	5
Residual Range Organics (RRO) (C25-C36)	310		130	27	mg/Kg	☼	04/17/22 11:18	04/17/22 20:39	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	91		50 - 150	04/17/22 11:18	04/17/22 20:39	5
n-Triacontane-d62	98		50 - 150	04/17/22 11:18	04/17/22 20:39	5

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Client Sample Results

Client: Aspect Consulting
Project/Site: District on the River/190210

Job ID: 590-17277-1

Client Sample ID: SS2-03-041122

Lab Sample ID: 590-17277-6

Date Collected: 04/11/22 09:45

Matrix: Solid

Date Received: 04/12/22 16:15

Percent Solids: 89.0

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	14	^1+	1.0	0.41	mg/Kg	✳	04/14/22 15:30	04/15/22 11:58	1
Barium	130		1.0	0.28	mg/Kg	✳	04/14/22 15:30	04/15/22 11:58	1
Cadmium	0.38	J	0.83	0.049	mg/Kg	✳	04/14/22 15:30	04/15/22 11:58	1
Chromium	11		1.0	0.15	mg/Kg	✳	04/14/22 15:30	04/15/22 11:58	1
Lead	61		2.5	1.2	mg/Kg	✳	04/14/22 15:30	04/15/22 11:58	1
Selenium	ND		4.1	2.5	mg/Kg	✳	04/14/22 15:30	04/15/22 11:58	1
Silver	ND		1.0	0.24	mg/Kg	✳	04/14/22 15:30	04/15/22 11:58	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	36	J	48	3.5	ug/Kg	✳	04/14/22 15:32	04/15/22 12:09	1

Client Sample ID: SS2-04-041122

Lab Sample ID: 590-17277-7

Date Collected: 04/11/22 09:50

Matrix: Solid

Date Received: 04/12/22 16:15

Percent Solids: 90.9

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		6.5	2.4	mg/Kg	✳	04/12/22 11:13	04/12/22 20:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		41.5 - 162	04/12/22 11:13	04/12/22 20:19	1

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	48	J	54	12	ug/Kg	✳	04/15/22 09:56	04/15/22 16:09	5
2-Methylnaphthalene	34	J	54	17	ug/Kg	✳	04/15/22 09:56	04/15/22 16:09	5
1-Methylnaphthalene	23	J	54	12	ug/Kg	✳	04/15/22 09:56	04/15/22 16:09	5
Acenaphthylene	290		54	18	ug/Kg	✳	04/15/22 09:56	04/15/22 16:09	5
Acenaphthene	22	J	54	14	ug/Kg	✳	04/15/22 09:56	04/15/22 16:09	5
Fluorene	43	J	54	12	ug/Kg	✳	04/15/22 09:56	04/15/22 16:09	5
Phenanthrene	240		54	20	ug/Kg	✳	04/15/22 09:56	04/15/22 16:09	5
Anthracene	180		54	11	ug/Kg	✳	04/15/22 09:56	04/15/22 16:09	5
Fluoranthene	730		54	13	ug/Kg	✳	04/15/22 09:56	04/15/22 16:09	5
Pyrene	970		54	21	ug/Kg	✳	04/15/22 09:56	04/15/22 16:09	5
Benzo[a]anthracene	510		54	12	ug/Kg	✳	04/15/22 09:56	04/15/22 16:09	5
Chrysene	550		54	8.2	ug/Kg	✳	04/15/22 09:56	04/15/22 16:09	5
Benzo[b]fluoranthene	960		54	19	ug/Kg	✳	04/15/22 09:56	04/15/22 16:09	5
Benzo[k]fluoranthene	340		54	14	ug/Kg	✳	04/15/22 09:56	04/15/22 16:09	5
Benzo[a]pyrene	720		54	23	ug/Kg	✳	04/15/22 09:56	04/15/22 16:09	5
Indeno[1,2,3-cd]pyrene	320		54	16	ug/Kg	✳	04/15/22 09:56	04/15/22 16:09	5
Dibenz(a,h)anthracene	100		54	15	ug/Kg	✳	04/15/22 09:56	04/15/22 16:09	5
Benzo[g,h,i]perylene	330		54	13	ug/Kg	✳	04/15/22 09:56	04/15/22 16:09	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	77		44 - 120	04/15/22 09:56	04/15/22 16:09	5
2-Fluorobiphenyl (Surr)	82		47 - 120	04/15/22 09:56	04/15/22 16:09	5
p-Terphenyl-d14	94		54 - 132	04/15/22 09:56	04/15/22 16:09	5

Eurofins Spokane

Client Sample Results

Client: Aspect Consulting
Project/Site: District on the River/190210

Job ID: 590-17277-1

Client Sample ID: SS2-04-041122

Lab Sample ID: 590-17277-7

Date Collected: 04/11/22 09:50

Matrix: Solid

Date Received: 04/12/22 16:15

Percent Solids: 90.9

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	66		54	23	mg/Kg	✱	04/17/22 11:18	04/17/22 20:59	5
Residual Range Organics (RRO) (C25-C36)	670		140	27	mg/Kg	✱	04/17/22 11:18	04/17/22 20:59	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	95		50 - 150				04/17/22 11:18	04/17/22 20:59	5
<i>n</i> -Triacontane-d62	112		50 - 150				04/17/22 11:18	04/17/22 20:59	5

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	22	^1+	1.0	0.41	mg/Kg	✱	04/14/22 15:30	04/15/22 12:02	1
Barium	140		1.0	0.28	mg/Kg	✱	04/14/22 15:30	04/15/22 12:02	1
Cadmium	0.39	J	0.83	0.049	mg/Kg	✱	04/14/22 15:30	04/15/22 12:02	1
Chromium	11		1.0	0.15	mg/Kg	✱	04/14/22 15:30	04/15/22 12:02	1
Lead	55		2.5	1.2	mg/Kg	✱	04/14/22 15:30	04/15/22 12:02	1
Selenium	ND		4.2	2.5	mg/Kg	✱	04/14/22 15:30	04/15/22 12:02	1
Silver	ND		1.0	0.24	mg/Kg	✱	04/14/22 15:30	04/15/22 12:02	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	71		50	3.6	ug/Kg	✱	04/14/22 15:32	04/15/22 12:11	1

Client Sample ID: SS2-05-041122

Lab Sample ID: 590-17277-8

Date Collected: 04/11/22 10:00

Matrix: Solid

Date Received: 04/12/22 16:15

Percent Solids: 89.7

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		6.7	2.4	mg/Kg	✱	04/12/22 11:13	04/12/22 20:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		41.5 - 162				04/12/22 11:13	04/12/22 20:40	1

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	20	J	55	12	ug/Kg	✱	04/15/22 09:56	04/15/22 16:32	5
2-Methylnaphthalene	25	J	55	17	ug/Kg	✱	04/15/22 09:56	04/15/22 16:32	5
1-Methylnaphthalene	17	J	55	12	ug/Kg	✱	04/15/22 09:56	04/15/22 16:32	5
Acenaphthylene	45	J	55	18	ug/Kg	✱	04/15/22 09:56	04/15/22 16:32	5
Acenaphthene	16	J	55	14	ug/Kg	✱	04/15/22 09:56	04/15/22 16:32	5
Fluorene	14	J	55	12	ug/Kg	✱	04/15/22 09:56	04/15/22 16:32	5
Phenanthrene	130		55	20	ug/Kg	✱	04/15/22 09:56	04/15/22 16:32	5
Anthracene	56		55	11	ug/Kg	✱	04/15/22 09:56	04/15/22 16:32	5
Fluoranthene	220		55	14	ug/Kg	✱	04/15/22 09:56	04/15/22 16:32	5
Pyrene	260		55	21	ug/Kg	✱	04/15/22 09:56	04/15/22 16:32	5
Benzo[a]anthracene	160		55	12	ug/Kg	✱	04/15/22 09:56	04/15/22 16:32	5
Chrysene	190		55	8.4	ug/Kg	✱	04/15/22 09:56	04/15/22 16:32	5
Benzo[b]fluoranthene	260		55	19	ug/Kg	✱	04/15/22 09:56	04/15/22 16:32	5
Benzo[k]fluoranthene	100		55	14	ug/Kg	✱	04/15/22 09:56	04/15/22 16:32	5
Benzo[a]pyrene	200		55	23	ug/Kg	✱	04/15/22 09:56	04/15/22 16:32	5
Indeno[1,2,3-cd]pyrene	88		55	16	ug/Kg	✱	04/15/22 09:56	04/15/22 16:32	5

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Client Sample Results

Client: Aspect Consulting
Project/Site: District on the River/190210

Job ID: 590-17277-1

Client Sample ID: SS2-05-041122

Lab Sample ID: 590-17277-8

Date Collected: 04/11/22 10:00

Matrix: Solid

Date Received: 04/12/22 16:15

Percent Solids: 89.7

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	33	J	55	16	ug/Kg	✱	04/15/22 09:56	04/15/22 16:32	5
Benzo[g,h,i]perylene	91		55	13	ug/Kg	✱	04/15/22 09:56	04/15/22 16:32	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	84		44 - 120				04/15/22 09:56	04/15/22 16:32	5
2-Fluorobiphenyl (Surr)	91		47 - 120				04/15/22 09:56	04/15/22 16:32	5
p-Terphenyl-d14	104		54 - 132				04/15/22 09:56	04/15/22 16:32	5

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	28		22	9.1	mg/Kg	✱	04/17/22 11:32	04/17/22 21:19	2
Residual Range Organics (RRO) (C25-C36)	280		54	11	mg/Kg	✱	04/17/22 11:32	04/17/22 21:19	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	91		50 - 150				04/17/22 11:32	04/17/22 21:19	2
n-Triacontane-d62	98		50 - 150				04/17/22 11:32	04/17/22 21:19	2

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	14	^1+	1.0	0.40	mg/Kg	✱	04/14/22 15:30	04/15/22 12:06	1
Barium	110		1.0	0.27	mg/Kg	✱	04/14/22 15:30	04/15/22 12:06	1
Cadmium	0.44	J	0.81	0.048	mg/Kg	✱	04/14/22 15:30	04/15/22 12:06	1
Chromium	9.3		1.0	0.14	mg/Kg	✱	04/14/22 15:30	04/15/22 12:06	1
Lead	65		2.4	1.2	mg/Kg	✱	04/14/22 15:30	04/15/22 12:06	1
Selenium	ND		4.0	2.4	mg/Kg	✱	04/14/22 15:30	04/15/22 12:06	1
Silver	ND		1.0	0.23	mg/Kg	✱	04/14/22 15:30	04/15/22 12:06	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	69		51	3.6	ug/Kg	✱	04/14/22 15:32	04/15/22 12:14	1

QC Sample Results

Client: Aspect Consulting
 Project/Site: District on the River/190210

Job ID: 590-17277-1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Lab Sample ID: MB 590-35683/1-A
Matrix: Solid
Analysis Batch: 35686

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35683

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		5.2	1.9	mg/Kg		04/12/22 10:29	04/12/22 11:43	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		41.5 - 162				04/12/22 10:29	04/12/22 11:43	1

Lab Sample ID: LCS 590-35683/4-A
Matrix: Solid
Analysis Batch: 35686

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35683

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline	50.2	61.1		mg/Kg		122	74.4 - 124
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	103		41.5 - 162				

Lab Sample ID: LCSD 590-35683/5-A
Matrix: Solid
Analysis Batch: 35686

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 35683

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline	50.2	58.6		mg/Kg		117	74.4 - 124	4	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	101		41.5 - 162						

Lab Sample ID: 590-17277-1 DU
Matrix: Solid
Analysis Batch: 35686

Client Sample ID: SS1-01-041122
Prep Type: Total/NA
Prep Batch: 35683

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Gasoline	8.9	J	8.90	J	mg/Kg	☼	0.2	32.3
Surrogate	DU %Recovery	DU Qualifier	Limits					
4-Bromofluorobenzene (Surr)	101		41.5 - 162					

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Lab Sample ID: MB 590-35757/1-A
Matrix: Solid
Analysis Batch: 35753

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35757

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10	2.2	ug/Kg		04/15/22 09:56	04/15/22 11:44	1
2-Methylnaphthalene	ND		10	3.1	ug/Kg		04/15/22 09:56	04/15/22 11:44	1
1-Methylnaphthalene	ND		10	2.2	ug/Kg		04/15/22 09:56	04/15/22 11:44	1
Acenaphthylene	ND		10	3.3	ug/Kg		04/15/22 09:56	04/15/22 11:44	1
Acenaphthene	ND		10	2.5	ug/Kg		04/15/22 09:56	04/15/22 11:44	1
Fluorene	ND		10	2.2	ug/Kg		04/15/22 09:56	04/15/22 11:44	1

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QC Sample Results

Client: Aspect Consulting
 Project/Site: District on the River/190210

Job ID: 590-17277-1

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Lab Sample ID: MB 590-35757/1-A
Matrix: Solid
Analysis Batch: 35753

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35757

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		10	3.6	ug/Kg		04/15/22 09:56	04/15/22 11:44	1
Anthracene	ND		10	2.0	ug/Kg		04/15/22 09:56	04/15/22 11:44	1
Fluoranthene	ND		10	2.5	ug/Kg		04/15/22 09:56	04/15/22 11:44	1
Pyrene	ND		10	3.8	ug/Kg		04/15/22 09:56	04/15/22 11:44	1
Benzo[a]anthracene	ND		10	2.1	ug/Kg		04/15/22 09:56	04/15/22 11:44	1
Chrysene	ND		10	1.5	ug/Kg		04/15/22 09:56	04/15/22 11:44	1
Benzo[b]fluoranthene	ND		10	3.5	ug/Kg		04/15/22 09:56	04/15/22 11:44	1
Benzo[k]fluoranthene	ND		10	2.5	ug/Kg		04/15/22 09:56	04/15/22 11:44	1
Benzo[a]pyrene	ND		10	4.2	ug/Kg		04/15/22 09:56	04/15/22 11:44	1
Indeno[1,2,3-cd]pyrene	ND		10	3.0	ug/Kg		04/15/22 09:56	04/15/22 11:44	1
Dibenz(a,h)anthracene	ND		10	2.8	ug/Kg		04/15/22 09:56	04/15/22 11:44	1
Benzo[g,h,i]perylene	ND		10	2.4	ug/Kg		04/15/22 09:56	04/15/22 11:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	78		44 - 120	04/15/22 09:56	04/15/22 11:44	1
2-Fluorobiphenyl (Surr)	85		47 - 120	04/15/22 09:56	04/15/22 11:44	1
p-Terphenyl-d14	103		54 - 132	04/15/22 09:56	04/15/22 11:44	1

Lab Sample ID: LCS 590-35757/2-A
Matrix: Solid
Analysis Batch: 35753

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35757

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Naphthalene	267	198		ug/Kg		74	45 - 120
2-Methylnaphthalene	267	214		ug/Kg		80	48 - 120
1-Methylnaphthalene	267	218		ug/Kg		82	52 - 120
Acenaphthylene	267	224		ug/Kg		84	52 - 120
Acenaphthene	267	211		ug/Kg		79	53 - 120
Fluorene	267	215		ug/Kg		81	55 - 120
Phenanthrene	267	246		ug/Kg		92	57 - 121
Anthracene	267	257		ug/Kg		96	51 - 120
Fluoranthene	267	275		ug/Kg		103	63 - 127
Pyrene	267	256		ug/Kg		96	50 - 125
Benzo[a]anthracene	267	265		ug/Kg		99	61 - 131
Chrysene	267	271		ug/Kg		101	57 - 127
Benzo[b]fluoranthene	267	270		ug/Kg		101	61 - 127
Benzo[k]fluoranthene	267	244		ug/Kg		91	55 - 127
Benzo[a]pyrene	267	247		ug/Kg		93	60 - 126
Indeno[1,2,3-cd]pyrene	267	257		ug/Kg		96	54 - 128
Dibenz(a,h)anthracene	267	263		ug/Kg		99	60 - 121
Benzo[g,h,i]perylene	267	255		ug/Kg		96	58 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5	74		44 - 120
2-Fluorobiphenyl (Surr)	78		47 - 120
p-Terphenyl-d14	101		54 - 132

QC Sample Results

Client: Aspect Consulting
Project/Site: District on the River/190210

Job ID: 590-17277-1

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Lab Sample ID: 590-17277-1 MS
Matrix: Solid
Analysis Batch: 35753

Client Sample ID: SS1-01-041122
Prep Type: Total/NA
Prep Batch: 35757

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
Naphthalene	990	F1 F2	307	1420	F1	ug/Kg	✱	142		45 - 120
2-Methylnaphthalene	660	F1	307	746	F1	ug/Kg	✱	27		48 - 120
1-Methylnaphthalene	460	F1	307	548	F1	ug/Kg	✱	28		52 - 120
Acenaphthylene	4100		307	2960	4	ug/Kg	✱	-364		52 - 120
Acenaphthene	320		307	555		ug/Kg	✱	76		53 - 120
Fluorene	1800		307	1080	4	ug/Kg	✱	-245		55 - 120
Anthracene	3300		307	2550	4	ug/Kg	✱	-234		51 - 120
Benzo[k]fluoranthene	3300		307	3240	4	ug/Kg	✱	-14		55 - 127
Indeno[1,2,3-cd]pyrene	4800		307	4560	4	ug/Kg	✱	-91		54 - 128
Dibenz(a,h)anthracene	1400		307	1490	4	ug/Kg	✱	31		60 - 121
Benzo[g,h,i]perylene	5300		307	4810	4	ug/Kg	✱	-161		58 - 129
MS MS										
Surrogate	%Recovery	Qualifier	Limits							
Nitrobenzene-d5	75		44 - 120							
2-Fluorobiphenyl (Surr)	84		47 - 120							
p-Terphenyl-d14	99		54 - 132							

Lab Sample ID: 590-17277-1 MS
Matrix: Solid
Analysis Batch: 35753

Client Sample ID: SS1-01-041122
Prep Type: Total/NA
Prep Batch: 35757

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
Phenanthrene	13000		307	6590	4	ug/Kg	✱	-2079		57 - 121
Fluoranthene	16000		307	10900	4	ug/Kg	✱	-1584		63 - 127
Pyrene	21000		307	13200	4	ug/Kg	✱	-2489		50 - 125
Benzo[a]anthracene	8000		307	5820	4	ug/Kg	✱	-722		61 - 131
Chrysene	8200		307	6240	4	ug/Kg	✱	-627		57 - 127
Benzo[b]fluoranthene	12000		307	8990	4	ug/Kg	✱	-963		61 - 127
Benzo[a]pyrene	8700		307	7320	4	ug/Kg	✱	-458		60 - 126
MS MS										
Surrogate	%Recovery	Qualifier	Limits							
Nitrobenzene-d5	68		44 - 120							
2-Fluorobiphenyl (Surr)	77		47 - 120							
p-Terphenyl-d14	102		54 - 132							

Lab Sample ID: 590-17277-1 MSD
Matrix: Solid
Analysis Batch: 35753

Client Sample ID: SS1-01-041122
Prep Type: Total/NA
Prep Batch: 35757

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Naphthalene	990	F1 F2	306	968	F1 F2	ug/Kg	✱	-7		45 - 120	38	20
2-Methylnaphthalene	660	F1	306	649	F1	ug/Kg	✱	-5		48 - 120	14	20
1-Methylnaphthalene	460	F1	306	499	F1	ug/Kg	✱	11		52 - 120	9	15
Acenaphthylene	4100		306	3030	4	ug/Kg	✱	-339		52 - 120	3	20
Acenaphthene	320		306	484		ug/Kg	✱	53		53 - 120	14	15
Fluorene	1800		306	1080	4	ug/Kg	✱	-249		55 - 120	1	21
Anthracene	3300		306	2130	4	ug/Kg	✱	-372		51 - 120	18	18
Benzo[k]fluoranthene	3300		306	3100	4	ug/Kg	✱	-58		55 - 127	4	16

Eurofins Spokane

QC Sample Results

Client: Aspect Consulting
Project/Site: District on the River/190210

Job ID: 590-17277-1

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Lab Sample ID: 590-17277-1 MSD
Matrix: Solid
Analysis Batch: 35753

Client Sample ID: SS1-01-041122
Prep Type: Total/NA
Prep Batch: 35757

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Indeno[1,2,3-cd]pyrene	4800		306	4320	4	ug/Kg	✱	-170	54 - 128	5	31
Dibenz(a,h)anthracene	1400		306	1420	4	ug/Kg	✱	6	60 - 121	5	31
Benzo[g,h,i]perylene	5300		306	4590	4	ug/Kg	✱	-236	58 - 129	5	27
MSD MSD											
Surrogate	%Recovery	Qualifier	Limits								
Nitrobenzene-d5	82		44 - 120								
2-Fluorobiphenyl (Surr)	87		47 - 120								
p-Terphenyl-d14	97		54 - 132								

Lab Sample ID: 590-17277-1 MSD
Matrix: Solid
Analysis Batch: 35753

Client Sample ID: SS1-01-041122
Prep Type: Total/NA
Prep Batch: 35757

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Phenanthrene	13000		306	6500	4	ug/Kg	✱	-2118	57 - 121	1	18
Fluoranthene	16000		306	9710	4	ug/Kg	✱	-1975	63 - 127	11	18
Pyrene	21000		306	13400	4	ug/Kg	✱	-2440	50 - 125	1	18
Benzo[a]anthracene	8000		306	5730	4	ug/Kg	✱	-755	61 - 131	2	16
Chrysene	8200		306	5960	4	ug/Kg	✱	-722	57 - 127	5	15
Benzo[b]fluoranthene	12000		306	9640	4	ug/Kg	✱	-754	61 - 127	7	16
Benzo[a]pyrene	8700		306	7070	4	ug/Kg	✱	-541	60 - 126	3	20
MSD MSD											
Surrogate	%Recovery	Qualifier	Limits								
Nitrobenzene-d5	75		44 - 120								
2-Fluorobiphenyl (Surr)	80		47 - 120								
p-Terphenyl-d14	101		54 - 132								

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Lab Sample ID: MB 590-35771/1-A
Matrix: Solid
Analysis Batch: 35772

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35771

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics (DRO) (C10-C25)	ND		10	4.2	mg/Kg		04/17/22 11:18	04/17/22 13:03	1
Residual Range Organics (RRO) (C25-C36)	ND		25	5.0	mg/Kg		04/17/22 11:18	04/17/22 13:03	1
MB MB									
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
o-Terphenyl	83		50 - 150	04/17/22 11:18	04/17/22 13:03	1			
n-Triacontane-d62	81		50 - 150	04/17/22 11:18	04/17/22 13:03	1			

QC Sample Results

Client: Aspect Consulting
Project/Site: District on the River/190210

Job ID: 590-17277-1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC) (Continued)

Lab Sample ID: LCS 590-35771/2-A
Matrix: Solid
Analysis Batch: 35772

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35771

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (DRO) (C10-C25)	66.7	60.8		mg/Kg		91	50 - 150
Residual Range Organics (RRO) (C25-C36)	66.7	69.4		mg/Kg		104	50 - 150
LCS LCS							
Surrogate	%Recovery	Qualifier	Limits				
<i>o</i> -Terphenyl	95		50 - 150				
<i>n</i> -Triacontane-d62	97		50 - 150				

Lab Sample ID: LCSD 590-35771/3-A
Matrix: Solid
Analysis Batch: 35772

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 35771

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics (DRO) (C10-C25)	66.7	58.0		mg/Kg		87	50 - 150	5	25
Residual Range Organics (RRO) (C25-C36)	66.7	67.6		mg/Kg		101	50 - 150	3	25
LCSD LCSD									
Surrogate	%Recovery	Qualifier	Limits						
<i>o</i> -Terphenyl	94		50 - 150						
<i>n</i> -Triacontane-d62	94		50 - 150						

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 590-35747/2-A
Matrix: Solid
Analysis Batch: 35764

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35747

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND	^1+	1.3	0.50	mg/Kg		04/14/22 15:30	04/15/22 10:53	1
Barium	ND		1.3	0.34	mg/Kg		04/14/22 15:30	04/15/22 10:53	1
Cadmium	ND		1.0	0.059	mg/Kg		04/14/22 15:30	04/15/22 10:53	1
Chromium	ND		1.3	0.18	mg/Kg		04/14/22 15:30	04/15/22 10:53	1
Lead	ND		3.0	1.5	mg/Kg		04/14/22 15:30	04/15/22 10:53	1
Selenium	ND		5.0	3.0	mg/Kg		04/14/22 15:30	04/15/22 10:53	1
Silver	ND		1.3	0.29	mg/Kg		04/14/22 15:30	04/15/22 10:53	1

Lab Sample ID: LCS 590-35747/1-A
Matrix: Solid
Analysis Batch: 35764

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35747

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	100	92.4	^1+	mg/Kg		92	80 - 120
Barium	100	89.5		mg/Kg		90	80 - 120
Cadmium	50.0	46.2		mg/Kg		92	80 - 120
Chromium	50.0	48.1		mg/Kg		96	80 - 120
Lead	50.0	48.7		mg/Kg		97	80 - 120
Selenium	100	90.6		mg/Kg		91	80 - 120

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QC Sample Results

Client: Aspect Consulting
 Project/Site: District on the River/190210

Job ID: 590-17277-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 590-35747/1-A
 Matrix: Solid
 Analysis Batch: 35764

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 35747

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	5.00	4.54		mg/Kg		91	80 - 120

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 590-35748/9-A
 Matrix: Solid
 Analysis Batch: 35759

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 35748

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		50	3.6	ug/Kg		04/14/22 15:32	04/15/22 11:38	1

Lab Sample ID: LCS 590-35748/8-A
 Matrix: Solid
 Analysis Batch: 35759

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 35748

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	200	201		ug/Kg		101	80 - 120

Lab Chronicle

Client: Aspect Consulting
 Project/Site: District on the River/190210

Job ID: 590-17277-1

Client Sample ID: SS1-01-041122

Lab Sample ID: 590-17277-1

Date Collected: 04/11/22 09:00

Matrix: Solid

Date Received: 04/12/22 16:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			35745	04/14/22 14:14	NMI	TAL SPK

Client Sample ID: SS1-01-041122

Lab Sample ID: 590-17277-1

Date Collected: 04/11/22 09:00

Matrix: Solid

Date Received: 04/12/22 16:15

Percent Solids: 86.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3.063 g	10 mL	35683	04/12/22 11:13	JSP	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	0.83 mL	43 mL	35686	04/12/22 17:27	JSP	TAL SPK
Total/NA	Prep	3550C			15.16 g	2 mL	35757	04/15/22 09:56	NMI	TAL SPK
Total/NA	Analysis	8270E SIM		2			35753	04/15/22 12:56	NMI	TAL SPK
Total/NA	Prep	3550C			15.16 g	2 mL	35757	04/15/22 09:56	NMI	TAL SPK
Total/NA	Analysis	8270E SIM		20			35753	04/15/22 19:44	NMI	TAL SPK
Total/NA	Prep	3550C			15.15 g	5 mL	35771	04/17/22 11:18	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		5			35772	04/17/22 18:40	NMI	TAL SPK
Total/NA	Prep	3050B			1.44 g	50 mL	35747	04/14/22 15:30	AMB	TAL SPK
Total/NA	Analysis	6010D		1			35764	04/15/22 11:40	AMB	TAL SPK
Total/NA	Prep	3050B			1.44 g	50 mL	35747	04/14/22 15:30	AMB	TAL SPK
Total/NA	Analysis	6010D		1			35790	04/18/22 14:07	AMB	TAL SPK
Total/NA	Prep	7471B			0.57 g	50 mL	35748	04/14/22 15:32	AMB	TAL SPK
Total/NA	Analysis	7471B		1			35759	04/15/22 11:51	AMB	TAL SPK

Client Sample ID: SS1-02-041122

Lab Sample ID: 590-17277-2

Date Collected: 04/11/22 09:05

Matrix: Solid

Date Received: 04/12/22 16:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			35745	04/14/22 14:14	NMI	TAL SPK

Client Sample ID: SS1-02-041122

Lab Sample ID: 590-17277-2

Date Collected: 04/11/22 09:05

Matrix: Solid

Date Received: 04/12/22 16:15

Percent Solids: 92.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3.81 g	10 mL	35683	04/12/22 11:13	JSP	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	0.83 mL	43 mL	35686	04/12/22 18:10	JSP	TAL SPK
Total/NA	Prep	3550C			15.09 g	2 mL	35757	04/15/22 09:56	NMI	TAL SPK
Total/NA	Analysis	8270E SIM		1			35753	04/15/22 14:08	NMI	TAL SPK
Total/NA	Prep	3550C			15.09 g	2 mL	35757	04/15/22 09:56	NMI	TAL SPK
Total/NA	Analysis	8270E SIM		10			35753	04/15/22 20:57	NMI	TAL SPK
Total/NA	Prep	3550C			15.93 g	5 mL	35771	04/17/22 11:18	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			35772	04/17/22 19:00	NMI	TAL SPK
Total/NA	Prep	3050B			1.30 g	50 mL	35747	04/14/22 15:30	AMB	TAL SPK
Total/NA	Analysis	6010D		1			35764	04/15/22 11:43	AMB	TAL SPK

Lab Chronicle

Client: Aspect Consulting
 Project/Site: District on the River/190210

Job ID: 590-17277-1

Client Sample ID: SS1-02-041122

Lab Sample ID: 590-17277-2

Date Collected: 04/11/22 09:05

Matrix: Solid

Date Received: 04/12/22 16:15

Percent Solids: 92.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.30 g	50 mL	35747	04/14/22 15:30	AMB	TAL SPK
Total/NA	Analysis	6010D		1			35790	04/18/22 14:10	AMB	TAL SPK
Total/NA	Prep	7471B			0.50 g	50 mL	35748	04/14/22 15:32	AMB	TAL SPK
Total/NA	Analysis	7471B		1			35759	04/15/22 11:53	AMB	TAL SPK

Client Sample ID: SS1-03-041122

Lab Sample ID: 590-17277-3

Date Collected: 04/11/22 09:10

Matrix: Solid

Date Received: 04/12/22 16:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			35745	04/14/22 14:14	NMI	TAL SPK

Client Sample ID: SS1-03-041122

Lab Sample ID: 590-17277-3

Date Collected: 04/11/22 09:10

Matrix: Solid

Date Received: 04/12/22 16:15

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3.776 g	10 mL	35683	04/12/22 11:13	JSP	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	0.83 mL	43 mL	35686	04/12/22 18:32	JSP	TAL SPK
Total/NA	Prep	3550C			15.03 g	2 mL	35757	04/15/22 09:56	NMI	TAL SPK
Total/NA	Analysis	8270E SIM		1			35753	04/15/22 14:33	NMI	TAL SPK
Total/NA	Prep	3550C			15.03 g	2 mL	35757	04/15/22 09:56	NMI	TAL SPK
Total/NA	Analysis	8270E SIM		10			35753	04/15/22 21:21	NMI	TAL SPK
Total/NA	Prep	3550C			15.25 g	5 mL	35771	04/17/22 11:18	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			35772	04/17/22 19:40	NMI	TAL SPK
Total/NA	Prep	3050B			1.30 g	50 mL	35747	04/14/22 15:30	AMB	TAL SPK
Total/NA	Analysis	6010D		1			35764	04/15/22 11:47	AMB	TAL SPK
Total/NA	Prep	3050B			1.30 g	50 mL	35747	04/14/22 15:30	AMB	TAL SPK
Total/NA	Analysis	6010D		1			35790	04/18/22 14:14	AMB	TAL SPK
Total/NA	Prep	7471B			0.53 g	50 mL	35748	04/14/22 15:32	AMB	TAL SPK
Total/NA	Analysis	7471B		1			35759	04/15/22 11:56	AMB	TAL SPK

Client Sample ID: SS2-01-041122

Lab Sample ID: 590-17277-4

Date Collected: 04/11/22 09:30

Matrix: Solid

Date Received: 04/12/22 16:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			35745	04/14/22 14:14	NMI	TAL SPK

Client Sample ID: SS2-01-041122

Lab Sample ID: 590-17277-4

Date Collected: 04/11/22 09:30

Matrix: Solid

Date Received: 04/12/22 16:15

Percent Solids: 94.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.834 g	10 mL	35683	04/12/22 11:13	JSP	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	0.83 mL	43 mL	35686	04/12/22 18:53	JSP	TAL SPK

Eurofins Spokane

Lab Chronicle

Client: Aspect Consulting
Project/Site: District on the River/190210

Job ID: 590-17277-1

Client Sample ID: SS2-01-041122

Lab Sample ID: 590-17277-4

Date Collected: 04/11/22 09:30

Matrix: Solid

Date Received: 04/12/22 16:15

Percent Solids: 94.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.19 g	2 mL	35757	04/15/22 09:56	NMI	TAL SPK
Total/NA	Analysis	8270E SIM		5			35753	04/15/22 14:57	NMI	TAL SPK
Total/NA	Prep	3550C			15.09 g	5 mL	35771	04/17/22 11:18	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		2			35772	04/17/22 20:00	NMI	TAL SPK
Total/NA	Prep	3050B			1.36 g	50 mL	35747	04/14/22 15:30	AMB	TAL SPK
Total/NA	Analysis	6010D		1			35764	04/15/22 11:51	AMB	TAL SPK
Total/NA	Prep	7471B			0.52 g	50 mL	35748	04/14/22 15:32	AMB	TAL SPK
Total/NA	Analysis	7471B		1			35759	04/15/22 11:59	AMB	TAL SPK

Client Sample ID: SS2-02-041122

Lab Sample ID: 590-17277-5

Date Collected: 04/11/22 09:35

Matrix: Solid

Date Received: 04/12/22 16:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			35745	04/14/22 14:14	NMI	TAL SPK

Client Sample ID: SS2-02-041122

Lab Sample ID: 590-17277-5

Date Collected: 04/11/22 09:35

Matrix: Solid

Date Received: 04/12/22 16:15

Percent Solids: 88.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.887 g	10 mL	35683	04/12/22 11:13	JSP	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	0.83 mL	43 mL	35686	04/12/22 19:36	JSP	TAL SPK
Total/NA	Prep	3550C			15.01 g	2 mL	35757	04/15/22 09:56	NMI	TAL SPK
Total/NA	Analysis	8270E SIM		2			35753	04/15/22 15:21	NMI	TAL SPK
Total/NA	Prep	3550C			15.02 g	5 mL	35771	04/17/22 11:18	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			35772	04/17/22 20:19	NMI	TAL SPK
Total/NA	Prep	3050B			1.33 g	50 mL	35747	04/14/22 15:30	AMB	TAL SPK
Total/NA	Analysis	6010D		1			35764	04/15/22 11:55	AMB	TAL SPK
Total/NA	Prep	7471B			0.50 g	50 mL	35748	04/14/22 15:32	AMB	TAL SPK
Total/NA	Analysis	7471B		1			35759	04/15/22 12:06	AMB	TAL SPK

Client Sample ID: SS2-03-041122

Lab Sample ID: 590-17277-6

Date Collected: 04/11/22 09:45

Matrix: Solid

Date Received: 04/12/22 16:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			35745	04/14/22 14:14	NMI	TAL SPK

Client Sample ID: SS2-03-041122

Lab Sample ID: 590-17277-6

Date Collected: 04/11/22 09:45

Matrix: Solid

Date Received: 04/12/22 16:15

Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.427 g	5 mL	35683	04/12/22 11:13	JSP	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	0.83 mL	43 mL	35686	04/12/22 19:57	JSP	TAL SPK

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Lab Chronicle

Client: Aspect Consulting
Project/Site: District on the River/190210

Job ID: 590-17277-1

Client Sample ID: SS2-03-041122

Lab Sample ID: 590-17277-6

Date Collected: 04/11/22 09:45

Matrix: Solid

Date Received: 04/12/22 16:15

Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.08 g	2 mL	35757	04/15/22 09:56	NMI	TAL SPK
Total/NA	Analysis	8270E SIM		5			35753	04/15/22 15:45	NMI	TAL SPK
Total/NA	Prep	3550C			15.61 g	5 mL	35771	04/17/22 11:18	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		5			35772	04/17/22 20:39	NMI	TAL SPK
Total/NA	Prep	3050B			1.36 g	50 mL	35747	04/14/22 15:30	AMB	TAL SPK
Total/NA	Analysis	6010D		1			35764	04/15/22 11:58	AMB	TAL SPK
Total/NA	Prep	7471B			0.58 g	50 mL	35748	04/14/22 15:32	AMB	TAL SPK
Total/NA	Analysis	7471B		1			35759	04/15/22 12:09	AMB	TAL SPK

Client Sample ID: SS2-04-041122

Lab Sample ID: 590-17277-7

Date Collected: 04/11/22 09:50

Matrix: Solid

Date Received: 04/12/22 16:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			35745	04/14/22 14:14	NMI	TAL SPK

Client Sample ID: SS2-04-041122

Lab Sample ID: 590-17277-7

Date Collected: 04/11/22 09:50

Matrix: Solid

Date Received: 04/12/22 16:15

Percent Solids: 90.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.732 g	5 mL	35683	04/12/22 11:13	JSP	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	0.83 mL	43 mL	35686	04/12/22 20:19	JSP	TAL SPK
Total/NA	Prep	3550C			15.24 g	2 mL	35757	04/15/22 09:56	NMI	TAL SPK
Total/NA	Analysis	8270E SIM		5			35753	04/15/22 16:09	NMI	TAL SPK
Total/NA	Prep	3550C			15.27 g	5 mL	35771	04/17/22 11:18	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		5			35772	04/17/22 20:59	NMI	TAL SPK
Total/NA	Prep	3050B			1.32 g	50 mL	35747	04/14/22 15:30	AMB	TAL SPK
Total/NA	Analysis	6010D		1			35764	04/15/22 12:02	AMB	TAL SPK
Total/NA	Prep	7471B			0.55 g	50 mL	35748	04/14/22 15:32	AMB	TAL SPK
Total/NA	Analysis	7471B		1			35759	04/15/22 12:11	AMB	TAL SPK

Client Sample ID: SS2-05-041122

Lab Sample ID: 590-17277-8

Date Collected: 04/11/22 10:00

Matrix: Solid

Date Received: 04/12/22 16:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			35745	04/14/22 14:14	NMI	TAL SPK

Client Sample ID: SS2-05-041122

Lab Sample ID: 590-17277-8

Date Collected: 04/11/22 10:00

Matrix: Solid

Date Received: 04/12/22 16:15

Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.723 g	5 mL	35683	04/12/22 11:13	JSP	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	0.83 mL	43 mL	35686	04/12/22 20:40	JSP	TAL SPK

Eurofins Spokane

Lab Chronicle

Client: Aspect Consulting
 Project/Site: District on the River/190210

Job ID: 590-17277-1

Client Sample ID: SS2-05-041122

Lab Sample ID: 590-17277-8

Date Collected: 04/11/22 10:00

Matrix: Solid

Date Received: 04/12/22 16:15

Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.16 g	2 mL	35757	04/15/22 09:56	NMI	TAL SPK
Total/NA	Analysis	8270E SIM		5			35753	04/15/22 16:32	NMI	TAL SPK
Total/NA	Prep	3550C			15.42 g	5 mL	35771	04/17/22 11:32	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		2			35772	04/17/22 21:19	NMI	TAL SPK
Total/NA	Prep	3050B			1.38 g	50 mL	35747	04/14/22 15:30	AMB	TAL SPK
Total/NA	Analysis	6010D		1			35764	04/15/22 12:06	AMB	TAL SPK
Total/NA	Prep	7471B			0.55 g	50 mL	35748	04/14/22 15:32	AMB	TAL SPK
Total/NA	Analysis	7471B		1			35759	04/15/22 12:14	AMB	TAL SPK

Laboratory References:

TAL SPK = Eurofins Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200



Accreditation/Certification Summary

Client: Aspect Consulting
Project/Site: District on the River/190210

Job ID: 590-17277-1

Laboratory: Eurofins Spokane

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Washington	State	C569	01-06-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Aspect Consulting
Project/Site: District on the River/190210

Job ID: 590-17277-1

Method	Method Description	Protocol	Laboratory
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC/MS)	NWTPH	TAL SPK
8270E SIM	Semivolatile Organic Compounds (GC/MS SIM)	SW846	TAL SPK
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	TAL SPK
6010D	Metals (ICP)	SW846	TAL SPK
7471B	Mercury (CVAA)	SW846	TAL SPK
Moisture	Percent Moisture	EPA	TAL SPK
3050B	Preparation, Metals	SW846	TAL SPK
3550C	Ultrasonic Extraction	SW846	TAL SPK
5035	Closed System Purge and Trap	SW846	TAL SPK
7471B	Preparation, Mercury	SW846	TAL SPK

Protocol References:

EPA = US Environmental Protection Agency

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SPK = Eurofins Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

Login Sample Receipt Checklist

Client: Aspect Consulting

Job Number: 590-17277-1

Login Number: 17277

List Source: Eurofins Spokane

List Number: 1

Creator: Vaughan, Madison 1

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	False	Received Trip Blank(s) not listed on COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



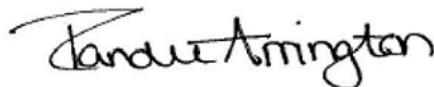
ANALYTICAL REPORT

Eurofins Spokane
11922 East 1st Ave
Spokane, WA 99206
Tel: (509)924-9200

Laboratory Job ID: 590-17277-2
Client Project/Site: District on the River/190210

For:
Aspect Consulting
710 Second Avenue
Suite 550
Seattle, Washington 98104

Attn: Breeyn Greer



Authorized for release by:
4/21/2022 3:40:44 PM

Randee Arrington, Lab Director
(509)924-9200
Randee.Arrington@et.eurofinsus.com

LINKS

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results through
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 **Ask
The
Expert**

Visit us at:

www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Case Narrative

Client: Aspect Consulting
Project/Site: District on the River/190210

Job ID: 590-17277-2

Job ID: 590-17277-2

Laboratory: Eurofins Spokane

Narrative

Receipt

The samples were received on 4/11/2022 4:15 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 6.0° C.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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Sample Summary

Client: Aspect Consulting
Project/Site: District on the River/190210

Job ID: 590-17277-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
590-17277-3	SS1-03-041122	Solid	04/11/22 09:10	04/12/22 16:15

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Definitions/Glossary

Client: Aspect Consulting
Project/Site: District on the River/190210

Job ID: 590-17277-2

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client Sample Results

Client: Aspect Consulting
Project/Site: District on the River/190210

Job ID: 590-17277-2

Client Sample ID: SS1-03-041122

Lab Sample ID: 590-17277-3

Date Collected: 04/11/22 09:10

Matrix: Solid

Date Received: 04/12/22 16:15

Method: 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.056	J	0.060	0.0051	mg/L		04/20/22 12:01	04/20/22 15:31	1

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QC Sample Results

Client: Aspect Consulting
 Project/Site: District on the River/190210

Job ID: 590-17277-2

Method: 6010D - Metals (ICP)

Lab Sample ID: LCS 590-35833/1-A
Matrix: Solid
Analysis Batch: 35838

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35833

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	1.00	1.02		mg/L		102	80 - 120

Lab Sample ID: LB 590-35807/1-B
Matrix: Solid
Analysis Batch: 35838

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 35833

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.060	0.0051	mg/L		04/20/22 12:01	04/20/22 15:27	1

Lab Sample ID: 590-17277-3 MS
Matrix: Solid
Analysis Batch: 35838

Client Sample ID: SS1-03-041122
Prep Type: TCLP
Prep Batch: 35833

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.056	J	1.00	1.05		mg/L		99	75 - 125

Lab Sample ID: 590-17277-3 MSD
Matrix: Solid
Analysis Batch: 35838

Client Sample ID: SS1-03-041122
Prep Type: TCLP
Prep Batch: 35833

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	0.056	J	1.00	1.04		mg/L		98	75 - 125	0	20

Lab Sample ID: 590-17277-3 DU
Matrix: Solid
Analysis Batch: 35838

Client Sample ID: SS1-03-041122
Prep Type: TCLP
Prep Batch: 35833

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Lead	0.056	J	0.0562	J	mg/L		0.4	20

Lab Chronicle

Client: Aspect Consulting
Project/Site: District on the River/190210

Job ID: 590-17277-2

Client Sample ID: SS1-03-041122

Lab Sample ID: 590-17277-3

Date Collected: 04/11/22 09:10

Matrix: Solid

Date Received: 04/12/22 16:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			100.55 g	2000.17 mL	35807	04/19/22 15:44	AMB	TAL SPK
TCLP	Prep	3010A			50 mL	50 mL	35833	04/20/22 12:01	AMB	TAL SPK
TCLP	Analysis	6010D		1			35838	04/20/22 15:31	AMB	TAL SPK

Laboratory References:

TAL SPK = Eurofins Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200



Accreditation/Certification Summary

Client: Aspect Consulting
Project/Site: District on the River/190210

Job ID: 590-17277-2

Laboratory: Eurofins Spokane

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Washington	State	C569	01-06-23

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Method Summary

Client: Aspect Consulting
Project/Site: District on the River/190210

Job ID: 590-17277-2

Method	Method Description	Protocol	Laboratory
6010D	Metals (ICP)	SW846	TAL SPK
1311	TCLP Extraction	SW846	TAL SPK
3010A	Preparation, Total Metals	SW846	TAL SPK

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SPK = Eurofins Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200



Login Sample Receipt Checklist

Client: Aspect Consulting

Job Number: 590-17277-2

Login Number: 17277

List Source: Eurofins Spokane

List Number: 1

Creator: Vaughan, Madison 1

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	False	Received Trip Blank(s) not listed on COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ATTACHMENT 2

**Waste Management Profile
116998WA**



Requested Facility: Graham Road Landfill Unsure Profile Number: 116998WA
 Multiple Generator Locations (Attach Locations) Request Certificate of Disposal Renewal? Original Profile Number: _____

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

- 1. Generator Name: Sagamore Spokane LLC
- 2. Generator Site Address: 111 N Erie Street
(City, State, ZIP) Spokane WA 99202
- 3. County: Spokane
- 4. Contact Name: Robert Hayes
- 5. Email: rhayes@bridgestonecap.com
- 6. Phone: (602) 549-4021 7. Fax: _____
- 8. Generator EPA ID: _____ N/A
- 9. State ID: _____ N/A

C. MATERIAL INFORMATION

- 1. Common Name: Fill Soil - Stockpile 2
Describe Process(es) Generating Material: See Attached

Soil and/or Cleanup Debris from a former Manufactured Gas Plant (MGP) Contaminated with polycyclic aromatic hydrocarbons (PAHs), metals (including lead) and diesel and oil range hydrocarbons. Soil was generated during property
- 2. Material Composition and Contaminants: See Attached

1. Contaminated Soil	97 %
2. Metallic Debris	2 %
3. Bricks	1 %
4.	
Total comp. must be equal to or greater than 100%	
	≥100%
- 3. State Waste Codes: _____ N/A
- 4. Color: Red-Brown
- 5. Physical State at 70°F: Solid Liquid Other: _____
- 6. Free Liquid Range Percentage: _____ to _____ N/A
- 7. pH: _____ to _____ N/A
- 8. Strong Odor: Yes No Describe: _____
- 9. Flash Point: <140°F 140°-199°F ≥200° N/A

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION

- 1. Analytical attached Yes
Please identify applicable samples and/or lab reports:

Only SS2 Samples applicable to this Profile: SS2-01-041122, SS2-02-041122, SS2-03-041122, SS2-04-041122, SS2-05-041122. See analytical table attached.
- 2. Other information attached (such as MSDS)? Yes

G. GENERATOR CERTIFICATION (PLEASE READ AND CERTIFY BY SIGNATURE)

By signing this EZ Profile™ form, I hereby certify that all information submitted in this and all attached documents contain true and accurate descriptions of this material, and that all relevant information necessary for proper material characterization and to identify known and suspected hazards has been provided. Any analytical data attached was derived from a sample that is representative as defined in 40 CFR 261 - Appendix 1 or by using an equivalent method. All changes occurring in the character of the material (i.e., changes in the process or new analytical) will be identified by the Generator and be disclosed to Waste Management prior to providing the material to Waste Management.

I am an Authorized Agent signing on behalf of the Generator, and I have confirmed with the Generator that information contained in this profile, as well as supporting documents provided, are accurate and complete.

Name (Print): Robert Hayes Date: 04/28/2022
Title: President
Company: Bridgestone Capital

B. BILLING INFORMATION

SAME AS GENERATOR

- 1. Billing Name: Corridor Contractors
- 2. Billing Address: 28102
(City, State, ZIP) Spokane WA 99228
- 3. Contact Name: Scott Walls
- 4. Email: scott@corridorcontractors.com
- 5. Phone: (509) 570-2580 6. Fax: _____
- 7. WM Hauled? Yes No
- 8. P.O. Number: 22015.1000 Contaminated
- 9. Payment Method: Credit Account Cash Credit Card

D. REGULATORY INFORMATION

- 1. EPA Hazardous Waste? Yes* No
Code: _____
- 2. State Hazardous Waste? Yes No
Code: _____
- 3. Is this material non-hazardous due to Treatment, Delisting, or an Exclusion? Yes* No
- 4. Contains Underlying Hazardous Constituents? Yes* No
- 5. From an industry regulated under Benzene NESHAP? Yes* No
- 6. Facility remediation subject to 40 CFR 63 GGGGG? Yes* No
- 7. CERCLA or State-mandated clean-up? Yes* No
- 8. NRC or State-regulated radioactive or NORM waste? Yes* No
***If Yes, see Addendum (page 2) for additional questions and space.**
- 9. Contains PCBs? → If Yes, answer a, b and c. Yes No
a. Regulated by 40 CFR 761? Yes No
b. Remediation under 40 CFR 761.61 (a)? Yes No
c. Were PCB imported into the US? Yes No
- 10. Regulated and/or Untreated Medical/Infectious Waste? Yes No
- 11. Contains Asbestos? Yes No
→ If Yes: Non-Friable Non-Friable - Regulated Friable

F. SHIPPING AND DOT INFORMATION

- 1. One-Time Event Repeat Event/Ongoing Business
- 2. Estimated Quantity/Unit of Measure: 1000
 Tons Yards Drums Gallons Other: _____
- 3. Container Type and Size: dump truck and trailer
- 4. USDOT Proper Shipping Name: _____ N/A

Certification Signature

0092782410...



Only complete this Addendum if prompted by responses on EZ Profile™ (page 1) or to provide additional information. Sections and question numbers correspond to EZ Profile™.

Profile Number: 116998WA

C. MATERIAL INFORMATION

Describe Process Generating Material (Continued from page 1): If more space is needed, please attach additional pages.

cleanup/redevelopment.

Material Composition and Contaminants (Continued from page 1): If more space is needed, please attach additional pages.

Table with 2 columns: Material Composition and Contaminants, and Total composition must be equal to or greater than 100%. Rows 5-9.

D. REGULATORY INFORMATION

Only questions with a "Yes" response in Section D on the EZ Profile™ form (page 1) need to be answered here.

1. EPA Hazardous Waste

a. Please list all USEPA listed and characteristic waste code numbers:

Empty box for listing waste code numbers.

- b. Is the material subject to the Alternative Debris standards (40 CFR 268.45)?
c. Is the material subject to the Alternative Soil standards (40 CFR 268.49)?
d. Is the material exempt from Subpart CC Controls (40 CFR 264.1083)?

2. State Hazardous Waste -> Please list all state waste codes:

3. For material that is Treated, Delisted, or Excluded -> Please indicate the category, below:

- Delisted Hazardous Waste, Excluded Waste under 40 CFR 261.4, Treated Hazardous Waste Debris, Treated Characteristic Hazardous Waste

4. Underlying Hazardous Constituents -> Please list all Underlying Hazardous Constituents:

Empty box for listing hazardous constituents.

5. Industries regulated under Benzene NESHAP include petroleum refineries, chemical manufacturing plants, coke by-product recovery plants, and TSDFs.

- a. Are you a TSDF?
b. Does this material contain benzene?
c. What is your facility's current total annual benzene quantity in Megagrams?
d. Is this waste soil from a remediation?
e. Does the waste contain >10% water/moisture?
f. Has material been treated to remove 99% of the benzene or to achieve <10 ppmw?
g. Is material exempt from controls in accordance with 40 CFR 61.342?
h. Based on your knowledge of your waste and the BWON regulations, do you believe that this waste stream is subject to treatment and control requirements at an off-site TSDF?

6. 40 CFR 63 GGGGG -> Does the material contain <500 ppmw VOHAPs at the point of determination?

7. CERCLA or State-Mandated clean up -> Please submit the Record of Decision or other documentation with process information to assist others in the evaluation for proper disposal.

8. NRC or state regulated radioactive or NORM Waste -> Please identify Isotopes and pCi/g: