191 NORTH
Environmental Consulting

417 & 425 West 2nd Avenue

Spokane, Washington
99201

Prepared For:
Mr. Craig Hunt
104 W. 23rd Avenue
Spokane, Washington 99203

Project Number:
2020-20125

Report Date:
November 30, 2020

LIMITED ENVIRONMENTAL SITE EVALUATION

Prepared By:
191 North, LLC
418 E. Lakeside Ave., Ste 214
Coeur d'Alene, Idaho 83814
208-391-6923

191 NORTH
Environmental Consulting

418 E. Lakeside Ave., Ste. 214
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November 30, 2020
Project No.: 2020-20125

Mr. Craig Hunt
104 W. 23rd Avenue
Spokane, Washington 99203
P: (509) 435-7612
E: craigthunt@gmail.com

RE: Limited Environmental Site Evaluation
417 & 425 West 2nd Avenue
Spokane, Washington 99201

Dear Mr. Hunt:

191 North, LLC (191 North) is pleased to provide this Limited Environmental Site Evaluation (LESE) for the above referenced Site. This project was performed in accordance with our proposal dated October 14, 2020 as authorized on October 14, 2020.

BACKGROUND

191 North completed a Phase I Environmental Site Assessment (ESA) for the Site, dated October 6, 2020 (191 North Project No. 2020-20098) prior to this LESE. The Phase I ESA identified Recognized Environmental Conditions (RECs) in connection to lack of underground storage tank (UST) closure. The report concluded stating additional investigation was warranted. Two UST permits were identified for the Site, one permit from the city and one permit from the fire department, and it is the opinion of 191 North the permits reference the same UST.

The owners of the Site requested an LESE to determine if the soils have been negatively impacted above Washington Model Toxics Control Act (MTCA) Method A cleanup levels by the former UST system at the Site.

SCOPE OF SERVICES

In general accordance with our proposal, 191 North subcontracted private utility locator with a ground penetrating radar (GPR) and a drilling contractor with a Geoprobe direct-push drill rig to advance three (s) borings to collect samples. Our field services were conducted on October 21, 2020 (GPR) and on October 29, 2020 (drilling/sampling) and overseen by Mr. Seth Brundige, an environmental professional with 191 North.

STANDARD OF CARE

191 North's services were performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area during the same time period. 191 North makes no warranties, either express or implied, regarding the findings, conclusions or recommendations. Please note that 191 North does not warrant the work of laboratories, regulatory agencies or other third parties supplying information used in the preparation of the report. These LESE services were performed in accordance with the scope of services agreed with you, our client, as reflected in our proposal and were not restricted by ASTM E1903-11.

ADDITIONAL SCOPE LIMITATIONS

Findings, conclusions and recommendations resulting from these services are based upon information derived from the on-site activities and other services performed under this scope of services; such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, non-detectable or not present during these services, and we cannot represent that the site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this LESE. Subsurface conditions may vary from those encountered at specific subsurface exploration locations or during other surveys, tests, assessments, evaluations or exploratory services; the data, interpretations, findings, and our recommendations are based solely upon data obtained at the time and within the scope of these services.

RELIANCE

This report has been prepared for the exclusive use and reliance of Mr. Craig Hunt and/with the current owners of the Site. Any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the site) is prohibited without the express written authorization of the client and 191 North. Any unauthorized distribution or reuse is at the client's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the

terms, conditions and limitations stated in the proposal and LESE report. The limitation of liability defined in the terms and conditions is the aggregate limit of 191 North's liability to the client and all relying parties unless otherwise agreed in writing.

FIELD ACTIVITIES

GROUND PENETRATING RADAR (GPR)

A private utility locator was subcontracted by 191 North to utilize GPR at the Site in an effort to establish the location (or former location) of potential USTs. Mr. Brundige with 191 North was present when the contractor utilized the GPR in accessible areas of the Site on October 21, 2020. GPR data was collected by moving in close adjacent lines (where possible) at the Site for good coverage of subsurface soils, with the subcontractor Advanced Underground Utility Locating (AUUL) explaining the readings displayed by GPR monitor/screen. Areas covered included the sidewalk area at the north side of the building, in the covered drive area at the northwest portion of the building, and the northern interior rooms of the building where the gas/oil was depicted present in the Sanborn maps of the Phase I ESA.

Based on the information provided/collected by AUUL, two areas were identified at the Site that indicated an apparent depression/excavated area with potential for a present or former UST location. These areas were located in the sidewalk north of the building and north of the covered drive at northeast portion of the building and immediately north from the main entrance to the building in the covered drive area. This area is illustrated on Figure 2, located at the end of this report.

The locations identified were utilized as the focus for sampling of the reported USTs at the Site.

SAMPLING PROGRAM AND LABORATORY ANALYSIS

The soils encountered consisted primarily of sands and gravels that were brown to gray in color. Soil samples were collected using four-foot Geoprobe core barrel single-use sleeve samplers. Samples for analysis were selected at bottom range of borings at the interval of most likely environmental impact as determined in the field by the sampling professional, based on understanding the former USTs were removed and UST pit was filled with inert soils. Boring 1 was located south (within 10-feet) of the potential UST location noted at the north sidewalk (sidewalk is city property) and in the covered drive area of the building and was terminated at 2.5' bgs due to refusal at large aggregate or bedrock in the subsurface. Boring 2 was located northwest (within 10-feet) of the potential UST location noted north of the main entrance man-door and in the covered drive area of the building and was terminated at 2.5' bgs due to refusal at large aggregate or bedrock in the subsurface. Boring 3 was located north of the main entrance

man-door and in the covered drive area of the building and was terminated at 6.5' bgs due to refusal at large aggregate or bedrock in the subsurface. The borings were backfilled with bentonite chips and surface patched with concrete. The approximate boring locations are illustrated on Figure 2.

191 North collected samples for analysis from the three (3) boring locations. Soil samples were collected placed in laboratory prepared containers, labeled, and placed on ice in a cooler. Groundwater was not encountered.

The samples and completed chain-of-custody forms were submitted to Environmental Sciences Corporation, a Washington State certified laboratory for the selected analytical analysis for a standard turnaround time by the following methods.

Analysis	Sample Type	No. of Samples	Laboratory Method
BTEX, Nap, MTBE, EDB/EDC	Soil	3	V8260HEX
Carcinogenic PAHs	Soil	3	8270SIM
NWTPH-Gx	Soil	3	NWTPH-Gx
NWTPH-DRO/RRO	Soil	3	NWTPH-Dx
Total Lead	Soil	3	6010B

PAHs = Polycyclic aromatic hydrocarbons
NWTPH= Northwest Total Petroleum Hydrocarbon
Gx= Gasoline
DRO/RRO= Diesel Range Organics, Residual Range Organics

The executed chain-of-custody forms and laboratory data analytical reports are provided in Appendix C.

DATA EVALUATION

Based on the laboratory analysis, analytes were detected at concentrations above the applicable laboratory method detection limits. The detected concentrations are shown in the following tables with comparison to the MTCA Method A cleanup levels.

SOIL ANALYTE	MTCA-A Screening Value	Boring B1 @ 1.5'2.5'	Boring B2 @ 1.5'-2.5'	Boring B3 @ 6'-6.5'
Lead	250.0	165	25.6	235
NWTPH-Gx	30.0	1.29	12.9	**244**
NWTPH-Dx	2,000	ND	2.31	72.9
NWTPH-Ox	2,000	ND	3.83	27.4
Benzene	0.03	ND	0.000695	0.00432
Ethylbenzene	6.0	ND	0.00139	0.00597
Methyl-Tert-Butyl Ether (MTBE)	0.1	ND	ND	ND
Naphthalene	5.0	0.0107	0.00751	ND
Toluene	7.0	0.00178	0.00435	0.0273
Total Xylenes	9.0	0.00476	0.0104	0.0247
cPAHs	0.1	0.03818	0.014	**0.0192**

Bold Underlined = Concentration above regulatory screening level.
ND = Not detected
NE = Not Established
- = Not Evaluated
Values noted are mg/kg
cPAH Calculations in Appendix B

SUMMARY OF FINDINGS, OPINIONS AND RECOMMENDATIONS

The objective of the LESE was to evaluate the presence and/or absence of the selected analytes in the on-site soils above relevant laboratory reporting limits for comparison to Washington Model Toxics Control Act (MTCA) Method A for unrestricted land use. The following summary of findings along with opinions and recommendations are provided:

- Based on the laboratory analysis/results of the soil samples, one sample had an elevated concentration above applicable MTCA Method A for NWPTH-Gx and cPAHs (Boring B3 at 6'-6.5' bgs). The other two samples obtained within the apparent former UST nest area and surface sample were below cleanup levels. However, deeper samples at boring locations B1 and B2 were not obtained due to refusal. The elevated concentrations of cPAhs and NWTPH-Gx above the applicable MTCA Method A cleanup levels are a REC to the Site and the Washington Department of Ecology should be notified impacted soil is identified present at the Site. Due to the constraints of the Site (structural integrity) it is the opinion of 191 North

that the soils would not be able to be removed/replaced as a remediation method.

- Based on the presence of cPAHs and NTWPH-Gx above cleanup levels and the Site building with office areas is less than 15-feet away from sample area, 191 North recommends sub-slab and interior air sampling to identify if vapor intrusion is occurring from the impacted soil.

Our services consist of professional opinions made referencing generally accepted consulting and sampling principles and practices, as they exist at the time of this report and in Washington. This acknowledgment is in lieu of all expressed or implied warranties.

We appreciate the opportunity to present this letter report and assist with this project. If you have any questions, or if you need additional information, please contact us at (208) 391-6923.

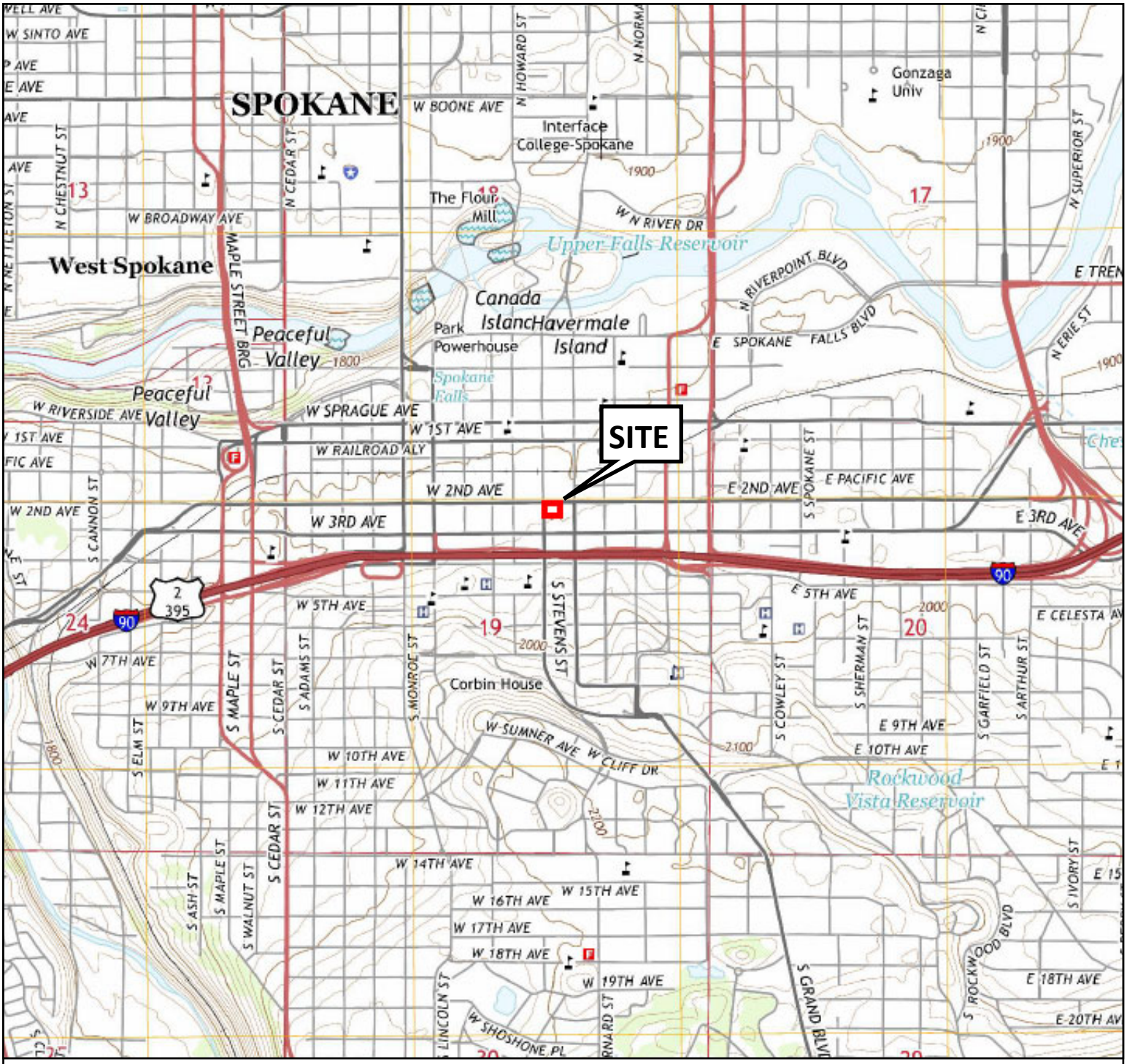
Sincerely,

191 North, LLC

Seth A. Brundige, P.G.
Operations Director

APPENDIX A

Figure 1 – Site Vicinity
Figure 2 – Boring Location Diagram



USGS 7.5 MINUTE SERIES TOPOGRAPHIC MAP
SPOKANE NW QUADRANGLE, WASHINGTON
2014

DIAGRAM IS FOR GENERAL LOCATION ONLY

N

FIGURE A-1 — SITE VICINITY

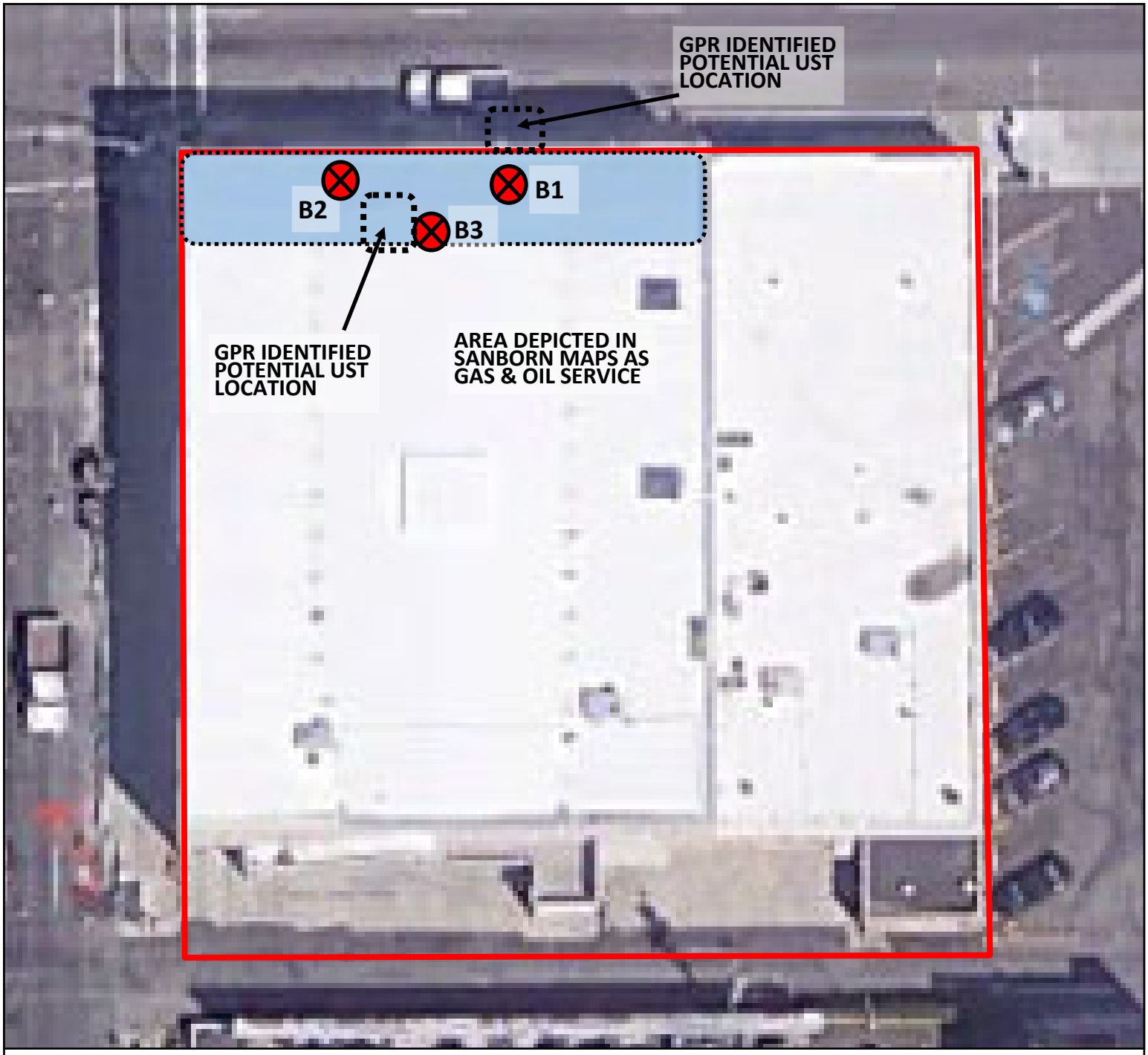
FORMER ALLIED LOCK & SAFE

417 & 425 WEST 2ND AVENUE

SPOKANE, WASHINGTON

PROJECT NUMBER: 2020-20125

191 NORTH



USGS

DIAGRAM IS FOR GENERAL LOCATION ONLY

N

FIGURE A-2 — APPROXIMATE BORING LOCATION

FORMER ALLIED LOCK & SAFE

417 & 425 WEST 2ND AVENUE

SPOKANE, WASHINGTON

PROJECT NUMBER: 2020-20125

191 NORTH

APPENDIX B

Carcinogenic Polycyclic Aromatic Hydrocarbon (cPAH) Calculations

Location: B1		Toxic Equivalency Factor (TEF, Unitless)	Measured Soil Concentration (mg/kg)	Toxic Equivalent Concentration (TEQ, mg/kg)
	cPAH			
	Benzo(a)pyrene*	1.00	0.0289	0.0289
	Benzo(a)anthracene*	0.10	0.0285	0.00285
	Benzo(b)fluoranthene*	0.10	0.0335	0.00335
	Benzo(k)fluoranthene*	0.10	0.00866	0.000866
	Chrysene*	0.01	0.0296	0.000296
	Dibenz(a,h)anthracene*	0.10	0.00368	0.000368
	Indeno(1,2,3-cd)pyrene*	0.10	0.0155	0.00155
			Total TEQ	**0.03818**
MTCA Method A Soil Cleanup Level for Unrestricted Land Use (Table 740-1)				**0.1 mg/kg**

Location: B2		Toxic Equivalency Factor (TEF, Unitless)	Measured Soil Concentration (mg/kg)	Toxic Equivalent Concentration (TEQ, mg/kg)
	cPAH			
	Benzo(a)pyrene*	1.00	0.0113	0.0113
	Benzo(a)anthracene*	0.10	0.00543	0.000543
	Benzo(b)fluoranthene*	0.10	0.0107	0.00107
	Benzo(k)fluoranthene*	0.10	0.00371	0.000371
	Chrysene*	0.01	0.00483	0.0000483
	Dibenz(a,h)anthracene*	0.10	0.00235	0.000235
	Indeno(1,2,3-cd)pyrene*	0.10	0.00853	0.000853
			Total TEQ	**0.014**
MTCA Method A Soil Cleanup Level for Unrestricted Land Use (Table 740-1)				**0.1 mg/kg**

TEQ= (Measured Concentration (mg/kg) x TEF)

*Non-Detect - Detected at Site, 1/2 Method Detection Limit (mg/kg) used

Reference: Evaluating the Human Health Toxicity of Carcinogenic PAHs (cPAHs Using Toxicity Equivalency Factors (TEFs) Publication No. 15-09-049 (April 2015)

Location: B3	Toxic Equivalency Factor (TEF, Unitless)	Measured Soil Concentration (mg/kg)	Toxic Equivalent Concentration (TEQ, mg/kg)
cPAH			
Benzo(a)pyrene	1.00	0.145	0.145
Benzo(a)anthracene	0.10	0.161	0.0161
Benzo(b)fluoranthene	0.10	0.154	0.0154
Benzo(k)fluoranthene	0.10	0.0508	0.00508
Chrysene	0.01	0.177	0.00177
Dibenz(a,h)anthracene*	0.10	0.0182	0.00182
Indeno(1,2,3-cd)pyrene	0.10	0.0708	0.00708
		Total TEQ	**0.192**
MTCA Method A Soil Cleanup Level for Unrestricted Land Use (Table 740-1)			**0.1 mg/kg**

Location: B	Toxic Equivalency Factor (TEF, Unitless)	Measured Soil Concentration (mg/kg)	Toxic Equivalent Concentration (TEQ, mg/kg)
cPAH			
Benzo(a)pyrene*	1.00		0
Benzo(a)anthracene*	0.10		0
Benzo(b)fluoranthene*	0.10		0
Benzo(k)fluoranthene*	0.10		0
Chrysene*	0.01		0
Dibenz(a,h)anthracene*	0.10		0
Indeno(1,2,3-cd)pyrene*	0.10		0
		Total TEQ	**0.000**
MTCA Method A Soil Cleanup Level for Unrestricted Land Use (Table 740-1)			**0.1 mg/kg**

TEQ= (Measured Concentration (mg/kg) x TEF)

*Non-Detect - Detected at Site, 1/2 Method Detection Limit (mg/kg) used

Reference: Evaluating the Human Health Toxicity of Carcinogenic PAHs (cPAHs Using Toxicity Equivalency Factors (TEFs) Publication No. 15-09-049 (April 2015)

APPENDIX C

Laboratory Results
Chain of Custody

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

November 11, 2020

191 North, LLC- Coeur d'Alene, ID

Sample Delivery Group:	L1280539
Samples Received:	10/31/2020
Project Number:	20125
Description:	425 W. 2nd Ave. LESE

Report To: Seth Brundige
418 E. Lakeside Avenue, Suite 214
Coeur d'Alene, ID 83814

Entire Report Reviewed By: Chris Ward

Chris Ward
Project Manager

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B-1 L1280539-01 Solid

Collected by: Seth Brundige | Collected date/time: 10/29/20 00:00 | Received date/time: 10/31/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1572046	1	11/06/20 15:59	11/06/20 16:07	KBC	Mt. Juliet, TN
Metals (ICP) by Method 6010C	WG1570384	1	11/03/20 16:20	11/03/20 23:54	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1572307	25	10/29/20 00:00	11/06/20 18:24	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573231	1	10/29/20 00:00	11/09/20 00:52	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG1571320	1	11/05/20 17:10	11/06/20 05:12	JDG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1571724	1	11/06/20 21:24	11/07/20 16:03	LEA	Mt. Juliet, TN

B-2 L1280539-02 Solid

Collected by: Seth Brundige | Collected date/time: 10/29/20 00:00 | Received date/time: 10/31/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1572046	1	11/06/20 15:59	11/06/20 16:07	KBC	Mt. Juliet, TN
Metals (ICP) by Method 6010C	WG1570384	1	11/03/20 16:20	11/03/20 23:57	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1572019	25	10/29/20 00:00	11/06/20 07:22	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573231	1	10/29/20 00:00	11/09/20 01:11	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG1571320	1	11/05/20 17:10	11/06/20 08:57	JDG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1571724	1	11/06/20 21:24	11/07/20 16:27	LEA	Mt. Juliet, TN

B-3 L1280539-03 Solid

Collected by: Seth Brundige | Collected date/time: 10/29/20 00:00 | Received date/time: 10/31/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1572047	1	11/06/20 09:53	11/06/20 10:31	KBC	Mt. Juliet, TN
Metals (ICP) by Method 6010C	WG1570384	1	11/03/20 16:20	11/04/20 00:00	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1572019	25	10/29/20 00:00	11/06/20 07:43	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573957	4	10/29/20 00:00	11/10/20 14:28	TPR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG1571320	1	11/05/20 17:10	11/06/20 09:23	JDG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1571724	1	11/06/20 21:24	11/07/20 16:50	LEA	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Chris Ward

Chris Ward
Project Manager

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	92.1		1	11/06/2020 16:07	WG1572046

Metals (ICP) by Method 6010C

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	165		0.226	0.543	1	11/03/2020 23:54	WG1570384

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	1.29	B J	1.01	2.99	25	11/06/2020 18:24	WG1572307
(S) a,a,a-Trifluorotoluene(FID)	*101*			*77.0-120*		*11/06/2020 18:24*	WG1572307

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000561	0.00120	1	11/09/2020 00:52	WG1573231
Toluene	0.00178	J	0.00156	0.00601	1	11/09/2020 00:52	WG1573231
Ethylbenzene	U		0.000886	0.00300	1	11/09/2020 00:52	WG1573231
Total Xylenes	0.00476	J	0.00106	0.00781	1	11/09/2020 00:52	WG1573231
Methyl tert-butyl ether	U		0.000421	0.00120	1	11/09/2020 00:52	WG1573231
Naphthalene	0.0107	J	0.00586	0.0150	1	11/09/2020 00:52	WG1573231
1,2-Dichloroethane	U		0.000780	0.00300	1	11/09/2020 00:52	WG1573231
1,2-Dibromoethane	U		0.000779	0.00300	1	11/09/2020 00:52	WG1573231
(S) Toluene-d8	*100*			*75.0-131*		*11/09/2020 00:52*	WG1573231
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*11/09/2020 00:52*	WG1573231
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*11/09/2020 00:52*	WG1573231

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	U		1.44	4.34	1	11/06/2020 05:12	WG1571320
Residual Range Organics (RRO)	U		3.61	10.9	1	11/06/2020 05:12	WG1571320
(S) o-Terphenyl	*36.6*			*18.0-148*		*11/06/2020 05:12*	WG1571320

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Anthracene	0.0129		0.00250	0.00651	1	11/07/2020 16:03	WG1571724
Acenaphthene	0.00569	J	0.00227	0.00651	1	11/07/2020 16:03	WG1571724
Acenaphthylene	U		0.00234	0.00651	1	11/07/2020 16:03	WG1571724
Benzo(a)anthracene	0.0285		0.00188	0.00651	1	11/07/2020 16:03	WG1571724
Benzo(a)pyrene	0.0289		0.00194	0.00651	1	11/07/2020 16:03	WG1571724
Benzo(b)fluoranthene	0.0335		0.00166	0.00651	1	11/07/2020 16:03	WG1571724
Benzo(g,h,i)perylene	0.0189		0.00192	0.00651	1	11/07/2020 16:03	WG1571724
Benzo(k)fluoranthene	0.00866		0.00233	0.00651	1	11/07/2020 16:03	WG1571724
Chrysene	0.0296		0.00252	0.00651	1	11/07/2020 16:03	WG1571724
Dibenz(a,h)anthracene	0.00368	J	0.00187	0.00651	1	11/07/2020 16:03	WG1571724
Fluoranthene	0.0559		0.00246	0.00651	1	11/07/2020 16:03	WG1571724
Fluorene	0.00441	J	0.00222	0.00651	1	11/07/2020 16:03	WG1571724
Indeno(1,2,3-cd)pyrene	0.0155		0.00196	0.00651	1	11/07/2020 16:03	WG1571724
Naphthalene	0.00449	J	0.00443	0.0217	1	11/07/2020 16:03	WG1571724
Phenanthrene	0.0574		0.00251	0.00651	1	11/07/2020 16:03	WG1571724

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Pyrene	0.0673		0.00217	0.00651	1	11/07/2020 16:03	WG1571724
1-Methylnaphthalene	U		0.00487	0.0217	1	11/07/2020 16:03	WG1571724
2-Methylnaphthalene	U		0.00463	0.0217	1	11/07/2020 16:03	WG1571724
2-Chloronaphthalene	U		0.00506	0.0217	1	11/07/2020 16:03	WG1571724
(S) Nitrobenzene-d5	*79.8*			*14.0-149*		*11/07/2020 16:03*	WG1571724
(S) 2-Fluorobiphenyl	*71.4*			*34.0-125*		*11/07/2020 16:03*	WG1571724
(S) p-Terphenyl-d14	*75.8*			*23.0-120*		*11/07/2020 16:03*	WG1571724

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	92.3		1	11/06/2020 16:07	WG1572046

Metals (ICP) by Method 6010C

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	25.6		0.225	0.542	1	11/03/2020 23:57	WG1570384

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	12.9	B	1.01	2.98	25	11/06/2020 07:22	WG1572019
(S) a,a,a-Trifluorotoluene(FID)	*114*			*77.0-120*		*11/06/2020 07:22*	WG1572019

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.000695	J	0.000558	0.00120	1	11/09/2020 01:11	WG1573231
Toluene	0.00435	J	0.00155	0.00598	1	11/09/2020 01:11	WG1573231
Ethylbenzene	0.00139	J	0.000881	0.00299	1	11/09/2020 01:11	WG1573231
Total Xylenes	0.0104		0.00105	0.00777	1	11/09/2020 01:11	WG1573231
Methyl tert-butyl ether	U		0.000419	0.00120	1	11/09/2020 01:11	WG1573231
Naphthalene	0.00751	J	0.00584	0.0149	1	11/09/2020 01:11	WG1573231
1,2-Dichloroethane	U		0.000776	0.00299	1	11/09/2020 01:11	WG1573231
1,2-Dibromoethane	U		0.000775	0.00299	1	11/09/2020 01:11	WG1573231
(S) Toluene-d8	*99.6*			*75.0-131*		*11/09/2020 01:11*	WG1573231
(S) 4-Bromofluorobenzene	*106*			*67.0-138*		*11/09/2020 01:11*	WG1573231
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*11/09/2020 01:11*	WG1573231

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	2.31	J	1.44	4.34	1	11/06/2020 08:57	WG1571320
Residual Range Organics (RRO)	3.83	J	3.61	10.8	1	11/06/2020 08:57	WG1571320
(S) o-Terphenyl	*56.1*			*18.0-148*		*11/06/2020 08:57*	WG1571320

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Anthracene	U		0.00249	0.00650	1	11/07/2020 16:27	WG1571724
Acenaphthene	U		0.00227	0.00650	1	11/07/2020 16:27	WG1571724
Acenaphthylene	U		0.00234	0.00650	1	11/07/2020 16:27	WG1571724
Benzo(a)anthracene	0.00543	J	0.00187	0.00650	1	11/07/2020 16:27	WG1571724
Benzo(a)pyrene	0.0113		0.00194	0.00650	1	11/07/2020 16:27	WG1571724
Benzo(b)fluoranthene	0.0107		0.00166	0.00650	1	11/07/2020 16:27	WG1571724
Benzo(g,h,i)perylene	0.0131		0.00192	0.00650	1	11/07/2020 16:27	WG1571724
Benzo(k)fluoranthene	0.00371	J	0.00233	0.00650	1	11/07/2020 16:27	WG1571724
Chrysene	0.00483	J	0.00251	0.00650	1	11/07/2020 16:27	WG1571724
Dibenz(a,h)anthracene	0.00235	J	0.00186	0.00650	1	11/07/2020 16:27	WG1571724
Fluoranthene	0.00350	J	0.00246	0.00650	1	11/07/2020 16:27	WG1571724
Fluorene	U		0.00222	0.00650	1	11/07/2020 16:27	WG1571724
Indeno(1,2,3-cd)pyrene	0.00853		0.00196	0.00650	1	11/07/2020 16:27	WG1571724
Naphthalene	U		0.00442	0.0217	1	11/07/2020 16:27	WG1571724
Phenanthrene	U		0.00250	0.00650	1	11/07/2020 16:27	WG1571724

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Pyrene	0.00674		0.00217	0.00650	1	11/07/2020 16:27	WG1571724
1-Methylnaphthalene	U		0.00487	0.0217	1	11/07/2020 16:27	WG1571724
2-Methylnaphthalene	U		0.00463	0.0217	1	11/07/2020 16:27	WG1571724
2-Chloronaphthalene	U		0.00505	0.0217	1	11/07/2020 16:27	WG1571724
(S) Nitrobenzene-d5	*79.7*			*14.0-149*		*11/07/2020 16:27*	WG1571724
(S) 2-Fluorobiphenyl	*70.9*			*34.0-125*		*11/07/2020 16:27*	WG1571724
(S) p-Terphenyl-d14	*73.6*			*23.0-120*		*11/07/2020 16:27*	WG1571724

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	88.0		1	11/06/2020 10:31	WG1572047

Metals (ICP) by Method 6010C

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	235		0.236	0.568	1	11/04/2020 00:00	WG1570384

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	244		1.12	3.31	25	11/06/2020 07:43	WG1572019
(S) a,a,a-Trifluorotoluene(FID)	*69.9*	J2		*77.0-120*		*11/06/2020 07:43*	WG1572019

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.00432	J	0.00249	0.00533	4	11/10/2020 14:28	WG1573957
Toluene	0.0273		0.00693	0.0266	4	11/10/2020 14:28	WG1573957
Ethylbenzene	0.00597	J	0.00393	0.0133	4	11/10/2020 14:28	WG1573957
Total Xylenes	0.0247	J	0.00469	0.0346	4	11/10/2020 14:28	WG1573957
Methyl tert-butyl ether	U		0.00187	0.00533	4	11/10/2020 14:28	WG1573957
Naphthalene	U		0.0260	0.0666	4	11/10/2020 14:28	WG1573957
1,2-Dichloroethane	U		0.00346	0.0133	4	11/10/2020 14:28	WG1573957
1,2-Dibromoethane	U		0.00345	0.0133	4	11/10/2020 14:28	WG1573957
(S) Toluene-d8	*104*			*75.0-131*		*11/10/2020 14:28*	WG1573957
(S) 4-Bromofluorobenzene	*209*	J1		*67.0-138*		*11/10/2020 14:28*	WG1573957
(S) 1,2-Dichloroethane-d4	*98.3*			*70.0-130*		*11/10/2020 14:28*	WG1573957

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	72.9		1.51	4.54	1	11/06/2020 09:23	WG1571320
Residual Range Organics (RRO)	27.4		3.78	11.4	1	11/06/2020 09:23	WG1571320
(S) o-Terphenyl	*45.3*			*18.0-148*		*11/06/2020 09:23*	WG1571320

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Anthracene	0.0845		0.00261	0.00682	1	11/07/2020 16:50	WG1571724
Acenaphthene	0.0578		0.00237	0.00682	1	11/07/2020 16:50	WG1571724
Acenaphthylene	U		0.00245	0.00682	1	11/07/2020 16:50	WG1571724
Benzo(a)anthracene	0.161		0.00197	0.00682	1	11/07/2020 16:50	WG1571724
Benzo(a)pyrene	0.145		0.00203	0.00682	1	11/07/2020 16:50	WG1571724
Benzo(b)fluoranthene	0.154		0.00174	0.00682	1	11/07/2020 16:50	WG1571724
Benzo(g,h,i)perylene	0.0878		0.00201	0.00682	1	11/07/2020 16:50	WG1571724
Benzo(k)fluoranthene	0.0508		0.00244	0.00682	1	11/07/2020 16:50	WG1571724
Chrysene	0.177		0.00264	0.00682	1	11/07/2020 16:50	WG1571724
Dibenz(a,h)anthracene	0.0182		0.00195	0.00682	1	11/07/2020 16:50	WG1571724
Fluoranthene	0.376		0.00258	0.00682	1	11/07/2020 16:50	WG1571724
Fluorene	0.0408		0.00233	0.00682	1	11/07/2020 16:50	WG1571724
Indeno(1,2,3-cd)pyrene	0.0708		0.00206	0.00682	1	11/07/2020 16:50	WG1571724
Naphthalene	0.0546		0.00463	0.0227	1	11/07/2020 16:50	WG1571724
Phenanthrene	0.477		0.00262	0.00682	1	11/07/2020 16:50	WG1571724

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Pyrene	0.461		0.00227	0.00682	1	11/07/2020 16:50	WG1571724
1-Methylnaphthalene	0.0198	J	0.00510	0.0227	1	11/07/2020 16:50	WG1571724
2-Methylnaphthalene	0.0202	J	0.00485	0.0227	1	11/07/2020 16:50	WG1571724
2-Chloronaphthalene	U		0.00529	0.0227	1	11/07/2020 16:50	WG1571724
(S) Nitrobenzene-d5	*92.7*			*14.0-149*		*11/07/2020 16:50*	WG1571724
(S) 2-Fluorobiphenyl	*56.5*			*34.0-125*		*11/07/2020 16:50*	WG1571724
(S) p-Terphenyl-d14	*58.2*			*23.0-120*		*11/07/2020 16:50*	WG1571724

Method Blank (MB)

(MB) R3590967-1 11/06/20 16:07

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1280539-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1280539-01 11/06/20 16:07 • (DUP) R3590967-3 11/06/20 16:07

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	92.1	91.7	1	0.486		10

Laboratory Control Sample (LCS)

(LCS) R3590967-2 11/06/20 16:07

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3590910-1 11/06/20 10:31

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1281030-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1281030-02 11/06/20 10:31 • (DUP) R3590910-3 11/06/20 10:31

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	89.0	89.4	1	0.554		10

Laboratory Control Sample (LCS)

(LCS) R3590910-2 11/06/20 10:31

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3589077-1 11/03/20 23:23

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Lead	U		0.208	0.500

Laboratory Control Sample (LCS)

(LCS) R3589077-2 11/03/20 23:25

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead	100	94.6	94.6	80.0-120	

L1280267-12 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1280267-12 11/03/20 23:28 • (MS) R3589077-5 11/03/20 23:36 • (MSD) R3589077-6 11/03/20 23:38

Analyte	Spike Amount (dry) mg/kg	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	100	0.964	118	123	92.7	96.5	1	75.0-125			3.98	20

Method Blank (MB)

(MB) R3591028-3 11/06/20 05:07

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Gasoline Range Organics-NWTPH	0.0684	J	0.0339	0.100
(S) a,a,a-Trifluorotoluene(FID)	*108*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R3591028-2 11/06/20 04:25

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5.50	4.35	79.1	71.0-124	
(S) a,a,a-Trifluorotoluene(FID)			*99.4*	*77.0-120*	

L1280407-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1280407-04 11/06/20 06:20 • (MS) R3591028-4 11/06/20 10:31 • (MSD) R3591028-5 11/06/20 10:52

Analyte	Spike Amount (dry) mg/kg	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Gasoline Range Organics-NWTPH	160	9.33	207	186	88.3	79.0	29	10.0-149			10.7	27
(S) a,a,a-Trifluorotoluene(FID)					*103*	*103*		*77.0-120*				

Method Blank (MB)

(MB) R3590629-2 11/06/20 13:25

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPHG C6 - C12	0.0366	J	0.0339	0.100
(S) a,a,a-Trifluorotoluene(FID)	*95.8*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R3590629-1 11/06/20 12:44

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPHG C6 - C12	5.50	5.81	106	71.0-124	
(S) a,a,a-Trifluorotoluene(FID)			*104*	*77.0-120*	

L1281123-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1281123-03 11/06/20 19:25 • (MS) R3590629-3 11/06/20 21:09 • (MSD) R3590629-4 11/06/20 21:30

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Gasoline Range Organics-NWTPH	126	1.55	130	136	102	107	25	10.0-149			4.48	27
(S) a,a,a-Trifluorotoluene(FID)					*105*	*111*		*77.0-120*				

Method Blank (MB)

(MB) R3591317-2 11/08/20 18:56

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000467	0.00100
1,2-Dibromoethane	U		0.000648	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
Ethylbenzene	U		0.000737	0.00250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
Toluene	U		0.00130	0.00500
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*102*			*75.0-131*
(S) 4-Bromofluorobenzene	*100*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3591317-1 11/08/20 17:59

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.125	0.139	111	70.0-123	
1,2-Dibromoethane	0.125	0.127	102	74.0-128	
1,2-Dichloroethane	0.125	0.135	108	65.0-131	
Ethylbenzene	0.125	0.128	102	74.0-126	
Methyl tert-butyl ether	0.125	0.145	116	66.0-132	
Naphthalene	0.125	0.121	96.8	59.0-130	
Toluene	0.125	0.125	100	75.0-121	
Xylenes, Total	0.375	0.374	99.7	72.0-127	
(S) Toluene-d8			*97.9*	*75.0-131*	
(S) 4-Bromofluorobenzene			*99.7*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*112*	*70.0-130*	

Method Blank (MB)

(MB) R3591597-2 11/10/20 11:22

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000467	0.00100
1,2-Dibromoethane	U		0.000648	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
Ethylbenzene	U		0.000737	0.00250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
Toluene	U		0.00130	0.00500
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*105*			*75.0-131*
(S) 4-Bromofluorobenzene	*96.2*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*84.6*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3591597-1 11/10/20 10:25

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.125	0.108	86.4	70.0-123	
1,2-Dibromoethane	0.125	0.116	92.8	74.0-128	
1,2-Dichloroethane	0.125	0.0980	78.4	65.0-131	
Ethylbenzene	0.125	0.122	97.6	74.0-126	
Methyl tert-butyl ether	0.125	0.113	90.4	66.0-132	
Naphthalene	0.125	0.0994	79.5	59.0-130	
Toluene	0.125	0.112	89.6	75.0-121	
Xylenes, Total	0.375	0.352	93.9	72.0-127	
(S) Toluene-d8			*99.7*	*75.0-131*	
(S) 4-Bromofluorobenzene			*102*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*96.3*	*70.0-130*	

Method Blank (MB)

(MB) R3590126-1 11/06/20 03:26

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Diesel Range Organics (DRO)	U		1.33	4.00
Residual Range Organics (RRO)	U		3.33	10.0
(S) o-Terphenyl	*26.9*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R3590126-2 11/06/20 03:39

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Diesel Range Organics (DRO)	50.0	43.2	86.4	50.0-150	
(S) o-Terphenyl			*104*	*18.0-148*	

L1280539-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1280539-01 11/06/20 05:12 • (MS) R3590126-3 11/06/20 05:31 • (MSD) R3590126-4 11/06/20 05:44

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	52.7	U	46.6	38.1	88.3	73.1	1	50.0-150			20.0	20
(S) o-Terphenyl					*101*	*84.7*		*18.0-148*				

Method Blank (MB)

(MB) R3590695-2 11/07/20 11:21

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) Nitrobenzene-d5	*69.7*			*14.0-149*
(S) 2-Fluorobiphenyl	*60.6*			*34.0-125*
(S) p-Terphenyl-d14	*65.7*			*23.0-120*

Laboratory Control Sample (LCS)

(LCS) R3590695-1 11/07/20 10:57

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0655	81.9	50.0-126	
Acenaphthene	0.0800	0.0685	85.6	50.0-120	
Acenaphthylene	0.0800	0.0696	87.0	50.0-120	
Benzo(a)anthracene	0.0800	0.0652	81.5	45.0-120	
Benzo(a)pyrene	0.0800	0.0620	77.5	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0670	83.8	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0606	75.8	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0651	81.4	49.0-125	
Chrysene	0.0800	0.0669	83.6	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0598	74.8	47.0-125	
Fluoranthene	0.0800	0.0618	77.3	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R3590695-1 11/07/20 10:57

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0667	83.4	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0613	76.6	46.0-125	
Naphthalene	0.0800	0.0640	80.0	50.0-120	
Phenanthrene	0.0800	0.0648	81.0	47.0-120	
Pyrene	0.0800	0.0751	93.9	43.0-123	
1-Methylnaphthalene	0.0800	0.0734	91.8	51.0-121	
2-Methylnaphthalene	0.0800	0.0687	85.9	50.0-120	
2-Chloronaphthalene	0.0800	0.0664	83.0	50.0-120	
(S) Nitrobenzene-d5			*80.3*	*14.0-149*	
(S) 2-Fluorobiphenyl			*72.5*	*34.0-125*	
(S) p-Terphenyl-d14			*74.8*	*23.0-120*	

L1280420-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1280420-02 11/07/20 17:37 • (MS) R3590695-3 11/07/20 18:01 • (MSD) R3590695-4 11/07/20 18:24

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0941	0.0290	0.111	0.0898	87.0	64.6	1	10.0-145			21.0	30
Acenaphthene	0.0941	0.00907	0.0750	0.0700	70.1	64.7	1	14.0-127			6.97	27
Acenaphthylene	0.0941	0.0180	0.0635	0.0609	48.4	45.6	1	21.0-124			4.16	25
Benzo(a)anthracene	0.0941	0.316	0.569	0.414	269	104	1	10.0-139	J5	J3	31.6	30
Chrysene	0.0941	0.443	0.759	0.519	335	80.0	1	10.0-145	V	J3	37.6	30
Fluoranthene	0.0941	0.293	0.481	0.369	200	81.3	1	10.0-153	J5		26.3	33
Fluorene	0.0941	0.00795	0.0735	0.0666	69.7	62.3	1	11.0-130			9.91	29
Naphthalene	0.0941	0.0830	0.163	0.143	85.5	64.3	1	10.0-135			13.0	27
Phenanthrene	0.0941	0.0990	0.195	0.175	102	81.0	1	10.0-144			10.8	31
Pyrene	0.0941	0.273	0.450	0.360	189	92.5	1	10.0-148	J5		22.4	35
1-Methylnaphthalene	0.0941	0.0195	0.0861	0.0786	70.8	62.8	1	10.0-142			9.14	28
2-Methylnaphthalene	0.0941	0.0402	0.115	0.0998	79.5	63.4	1	10.0-137			14.1	28
2-Chloronaphthalene	0.0941	U	0.0680	0.0604	72.3	64.3	1	29.0-120			11.7	24
(S) Nitrobenzene-d5					*75.4*	*67.4*		*14.0-149*				
(S) 2-Fluorobiphenyl					*64.4*	*57.3*		*34.0-125*				
(S) p-Terphenyl-d14					*59.1*	*54.9*		*23.0-120*				

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MDL (dry)	Method Detection Limit.
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.
J3	The associated batch QC was outside the established quality control range for precision.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
V	The sample concentration is too high to evaluate accurate spike recoveries.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

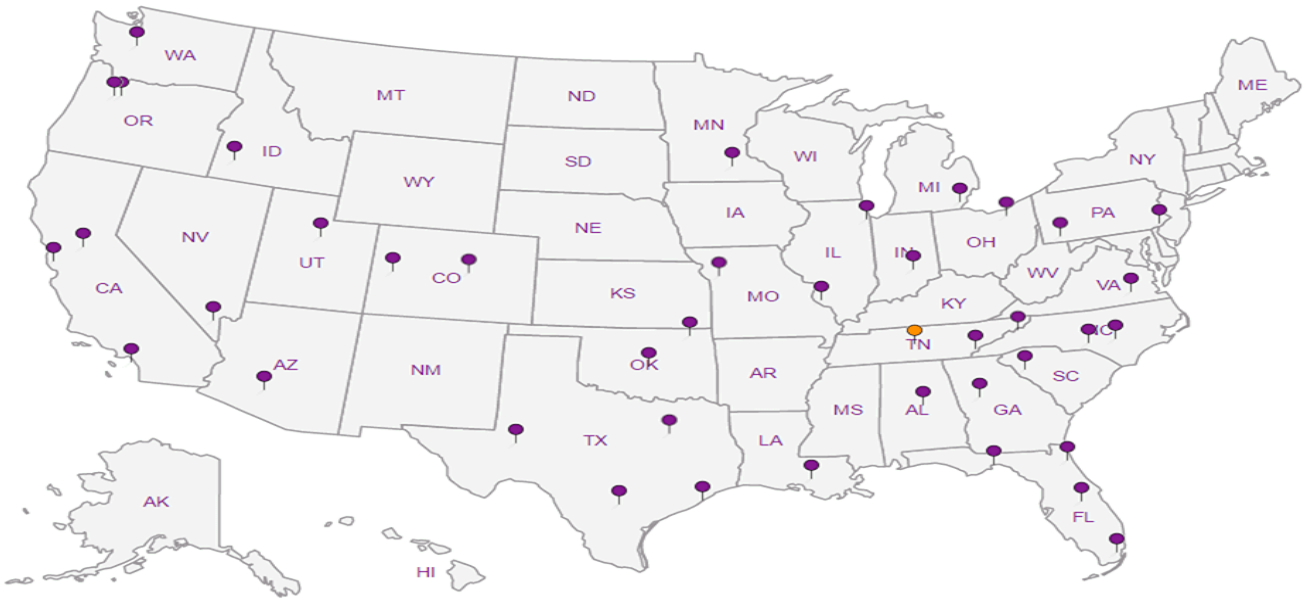
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



91 North, LLC- Coeur d'Alene, ID

8 E. Lakeside Avenue, Suite 214
eur d'Alene, ID 83814

Billing Information:
Accounts Payable- Seth Brundige
418 E. Lakeside Avenue, Suite 214
Coeur d'Alene, ID 83814

Pres Chk

Email To: seth@191north.com

port to:
th Brundige

ject Description:
5 W. 2nd Ave. LESE

City/State Collected: Spokane, WA

Please Circle: PT MT CT ET

one: 208-391-6923

Client Project # 20125

Lab Project # 191NORTHID-20125

llected by (print): Seth Brundige

Site/Facility ID #

P.O. #

llected by (signature):

mediately
cked on Ice N___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Quote #

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	NWTPHDX,SV8270PAHSIM 4ozClr-NoPres	NWTPHGX 40mlAmb/MeOH10ml/Syr	PBICP 2ozClr-NoPres	TS 4ozClr-NoPres	V8260BTEXMN12 40mlAmb/MeOH10ml/Syr							
B-1	Comp	SS	1.5'-2.5'	10-29-2020		4	X	X	X	X	X						-01	
B-2		SS	1.5'-2.5'			3 5xP	X	X	X	X	X						-02	
B-3		SS	6-6.5'			3	X	X	X	X	X						-03	
		SS				1					X							
		SS				1					X							
		SS				1					X							
		SS																

Chain of Custody Page ___ of ___

Pace Analytical
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # L1280539

Table #

Acctnum: 191NORTHID

Template: T176907

Prelogin: P807056

PM: 824 - Chris Ward

PB:

Shipped Via: FedEX Ground

Remarks | Sample # (lab only)

Sample Receipt Checklist
COC Seal Present/Intact: NP Y
COC Signed/Accurate: Y
Bottles arrive intact: Y
Correct bottles used: Y
Sufficient volume sent: Y
If Applicable
VOA Zero Headspace: Y
Preservation Correct/Checked: Y
RAD Screen <0.5 mR/hr: Y

trix:
Soil AIR - Air F - Filter
- Groundwater B - Bioassay
- WasteWater
- Drinking Water
Other_____

Remarks: BTEX-N-EDB/EDC and PAHs First & Then NWTPH-Gx then Dx then lead in enough sample

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Trip Blank Received: Yes / No
HCL / MeoH
TBR

	Date:	Time:	Received by: (Signature)
quished by : (Signature)	10-30-2020	4pm	
quished by : (Signature)	Date:	Time:	Received by: (Signature)

Temp: 1.3°C °C Bottles Received: 10
10-31-20 0900

If preservation required by Login: Date/Time
NCF

Troy Dunlap

Login #: L1280539	Client: 191NORTHID	Date:10/31/20	Evaluated by:Cole Medley

Non-Conformance (check applicable items)

	Sample Integrity		Chain of Custody Clarification		
	Parameter(s) past holding time		Login Clarification Needed		**If Broken Container:**
	Temperature not in range		Chain of custody is incomplete		Insufficient packing material around container
	Improper container type		Please specify Metals requested.		Insufficient packing material inside cooler
	pH not in range.		Please specify TCLP requested.		Improper handling by carrier (FedEx / UPS / Cour
	Insufficient sample volume.		Received additional samples not listed on coc.		Sample was frozen
	Sample is biphasic.		Sample ids on containers do not match ids on coc		Container lid not intact
	Vials received with headspace.		Trip Blank not received.		**If no Chain of Custody:**
	Broken container		Client did not "X" analysis.		Received by:Joey B
	Broken container:	X	Chain of Custody is missing		Date/Time:10/31/20 0900
	Sufficient sample remains				Temp./Cont. Rec./pH:1.3
					Carrier:Fedex
					Tracking#1750 0001 9980

Login Comments:
P807056
T176907
B1@ 1.5-2.5 10/29/20 0000 1 4oz& 1 2oz
B2@ 1.5-2.5 10/29/20 0000 1 4oz
Blank 10/29/20 0000 1 4oz& 1 2oz

Client informed by:		Call	x	Email		Voice Mail		Date: 11/2/20	Time: 11/08
TSR Initials: CMW	Client Contact: Seth Brundige								

Login Instructions:

Please log per the attached COC

Blank = B-3 Some of the containers do have that ID

APPENDIX D

Resume
Certificate of Insurance

191NORT-01 MHILL

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 4/14/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Inland Insurance, Inc. 9016 E Indiana, Suite A Spokane Valley, WA 99212	CONTACT NAME: Michael Hansen PHONE (A/C, No, Ext): (509) 456-2648 FAX (A/C, No): (509) 456-3432 E-MAIL ADDRESS: mike.hansen@inlandins.com
	INSURER(S) AFFORDING COVERAGE / NAIC # INSURER A : Lloyds of London
INSURED 191 North LLC 418 E Lakeside Ave Suite 214 Coeur d'Alene, ID 83814	INSURER B : INSURER C : INSURER D : INSURER E : INSURER F :

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE	$ 1,000,000
	CLAIMS-MADE X OCCUR	X	X	ENC000013603	4/11/2020	4/11/2021	DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 100,000
	X $1,000 Ded/Occ						MED EXP (Any one person)	$ 25,000
							PERSONAL & ADV INJURY	$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$ 2,000,000
	X POLICY PRO-JECT LOC						PRODUCTS - COMP/OP AGG	$ 2,000,000
	OTHER:							$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$
	ANY AUTO						BODILY INJURY (Per person)	$
	OWNED AUTOS ONLY / SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	HIRED AUTOS ONLY / NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
	UMBRELLA LIAB OCCUR						EACH OCCURRENCE	$
	EXCESS LIAB CLAIMS-MADE						AGGREGATE	$
	DED RETENTION $							$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y / N						PER STATUTE OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	N / A					E.L. EACH ACCIDENT	$
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$
							E.L. DISEASE - POLICY LIMIT	$
A	Poll/Professional	X	X	ENC000013603	4/11/2020	4/11/2021	Occurrence/$2500 Ded	1,000,000
A	Poll/Professional	X	X	ENC000013603	4/11/2020	4/11/2021	Aggregate	2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Seth A. Brundige, P.G.

Operations Director

Professional Experience Summary

Mr. Brundige has 16 years of experience in the environmental consulting, construction materials testing and the geotechnical industry. Mr. Brundige has vast experience in conducting transaction screens, environmental site assessments (ESAs), records search with risk assessments (RSRAs), subsurface exploration, field investigation and source approvals, soil sampling, groundwater sampling and turbidity testing, stormwater pollution prevention plans (SWPPP) and SWPPP inspections, and construction materials inspections/testing. Mr. Brundige's knowledge and background allow him to extend efficient and cost-efficient environmental compliance to clients.

Education

A.A., North Idaho College
B.S., Geology at Eastern Washington University

Registration / Certifications

- Idaho Professional Geologist (PGL-1513)
- Washington Professional Geologist (No.3245)
- 40-Hour Hazardous Waste Operations & Emergency Response Training
- Asbestos Building Inspector (AHERA)
- Radon Measurement Provider (NRPP 107643)
- ICC Reinforced Concrete Special Inspector (8063104)
- ICC Reinforced Masonry Special Inspector (8063104)
- MSHA – Surface Certified

Project Experience

- Conducted several hundred Phase I Environmental Site Assessments on, but not limited to: commercial office buildings, gasoline/service stations, shopping centers, residential development sites, drycleaners, industrial sites/buildings, aerospace manufacturers and facilities, plating facilities, iron foundries, hotels, auto/marine shops, and manufacturing facilities.
- Conducted asbestos testing at commercial, industrial, and private residential sites.
- Performed radon testing at numerous multi-family housing buildings in the Spokane-Coeur d'Alene area.
- Performed environmental soil/groundwater sampling and sub-surface explorations (Phase I & II ESAs) at numerous commercial, industrial, and residential sites for regulatory compliance in Idaho and Washington.
- Project management on environmental sites for over five years, including sites requiring regulatory closure.

Professional Experience

ALLWEST Testing & Engineering, LLC
Hayden, Idaho
Hayden Environmental Manager (2007-2016)

CRUX Subsurface, Inc.
Spokane Valley, Washington
Driller Assistant (2005)

City of Rathdrum
Rathdrum, Idaho
Public Works Laborer (2001-2005)