



**ASBESTOS CONTAINING BUILDING MATERIAL, LEAD BASED PAINT AND
POLYCHLORINATED BIPHENYL CONTAINING PAINT SURVEY**

**2605 BADGER ROAD
NORTH POLE, ALASKA**

Prepared for:

**Tanana Chiefs Conference
201 1st Avenue, Suite 300
Fairbanks, Alaska 99701**

Prepared by:

**Central Environmental, Inc.
1301 Well Street
Fairbanks, Alaska 99501**

ANCHORAGE

229 E Whitney Rd
Suite 200
Anchorage, AK 99501
907 561 0125

FAIRBANKS

1301 Well Street
Fairbanks, AK 99701
907 456 1153

NEVADA LICENSES

5980 West Cougar Ave
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PROJECT OVERVIEW

Central Environmental, Inc. (CEI) was contacted by the Tanana Chiefs Conference to perform an asbestos containing building material (ACBM) survey and lead and PCB paint sampling 2605 Badger Road, North Pole, Alaska.

On April 19 and April 27, 2023, Mr. Raymond Desrochers with CEI visited the project location to perform a visual inspection to identify suspect ACBM and to perform sample collection of suspect ACBM and lead and PCB containing paint. Mr. Desrochers is an EPA certified Asbestos Hazard Emergency Response (AHERA) Inspector, trained in accordance with 40 CFR 763, Subpart E. He has extensive experience in performing, planning, and supervising asbestos abatement and lead and PCB remediation projects and is qualified to identify suspect materials.

EPA/AHERA BUILDING INSPECTOR

Raymond Desrochers

Project Manager, Abatement Superintendent

EPA/AHERA Inspector, Certificate No. T-30322-3400

EPA/AHERA Project Designer, Certificate No. T-30324-3400

EPA Lead Paint Renovator, Certificate No. 30272

OSHA Hazardous Waste Operations and Emergency Response (HAZWOPER) Supervisor,
Certificate No. T-30556-3400

Office: (907) 456-1153

SURVEY LOCATION AND BUILDING DESCRIPTION

The Building located at 2605 Badger Road, North Pole, Alaska. The building is one story cast in place concrete structure with concrete foundation the roof is a cast in place diaphragm sitting on top of and supported by the walls., it was originally constructed by Food Processing Corporation and used as a mean processing facility. The structure is "t" shaped and is approximately 13,400 square feet in area. The age of the building is unknown, but is assumed to be about 70 years of age. Asbestos testing and limited lead and PCB paint sampling were performed in the areas scheduled for demolition.

LABORATORY AND METHOD OF ANALYSIS FOR ASBESTOS CONTAINING BUILDING MATERIALS (ACBMs)

Asbestos samples collected were sent to Alaska Asbestos Laboratory, located at 3633 Parsons Avenue, Anchorage, AK 99508, for analysis by polarizing light microscopy (PLM) in accordance with EPA guidance.

2605 Badger Road, North Pole, Alaska

Asbestos Containing Building Materials and Limited Lead and PCB Paint Survey

Alaska Asbestos Laboratory is a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory.

LABORATORY AND INSPECTION METHOD OF ANALYSIS FOR LEAD-BASED PAINTS (LBPs) AND POLYCHLORINATED BIPHENYLS (PCBs) CONTAINING PAINTS

Based on the age and construction of the building, lead-based paints (LBP) and PCB containing paints may be present in the building. Samples were collected from painted wall and floor surfaces throughout the building and sent to AMA Analytical Services, Inc. 4475 Forbes Blvd., Lanham, MD 20746 and OnSite Environmental, Inc., 4648 NE 95th Street, Redmond, WA 98052 for analysis.

Paint samples collected were sampled for PCB concentrations by SW-846, EPA Test Method 8082A, Polychlorinated Biphenyls (PCBs) by Gas Chromatography.

Samples were also analyzed for total lead concentrations by OnSite Environmental, Inc., 4648 NE 95th Street, Redmond, WA 98052 utilizing SW-846 EPA Test Method 6010D, Inductively coupled plasma—optical emission spectrometry (ICP-OES).

ANA Analytical Services, Inc. performed TCLP analysis utilizing preparation method EPA 1311 and Analysis Method for Flame EPA 7000B.

VISUAL INSPECTION FINDINGS

2605 Badger Road, North Pole, Alaska.

A visual inspection was performed of the exterior and interior of the building. The interior of the Building contained no interior finishes and no suspect asbestos containing materials were identified. There were limited piping systems identified on interior of the building these were determined to fiberglass and not asbestos containing. Painted floor and wall surfaces were identified throughout the interior and exterior of the building during visual inspection and are suspect for potential lead and PCB containing paints. Paint samples were collected and sampled for lead and PCB concentrations.

SURVEY ANALYTICAL RESULTS

2605 Badger Road, North Pole, Alaska

There are no interior finishes in the building although various mastics and tars were identified and analyzed utilizing PLM determined to be Non-detect for asbestos. Suspect foundation damp proofing was identified on the exterior foundation of the building and was sampled and analyzed.

Positive ACBM Samples

SAMPLE NO.	MATERIAL	SAMPLE LOCATION	RESULTS
TCC-10	Damp Proofing	Exterior Foundation	5% Chrysotile

A total of 7 paint samples were collected from the interior and exterior doors, walls and floors and analyzed for PCB and total lead concentrations. All samples were non-detect for PCBs

Positive Lead Based Paint Samples

SAMPLE NO.	MATERIAL DESCRIPTION	SAMPLE LOCATION	RESULTS mg/Kg (ppm)
TCC-1	Red Paint	Interior Column Bases	270,000 ppm
TCC-2	Red Paint	Interior Column Bases	320,000 ppm
TCC-3	White Paint	Interior Concrete Walls	1,200 ppm
TCC-4	White Paint	Interior Concrete Walls	440 ppm
TCC-5	Beige Paint	Exterior Concrete Walls	1,000 ppm
TCC-6	Beige Paint	Exterior Concrete Walls	82 ppm
TCC-7	Red Paint	Interior Wood Door	1,200 ppm

ASSUMPTIONS AND LIMITATIONS

This survey is limited to the scope of work identified to CEI by owner Tanana Chiefs Conference the information collected by CEI during the on-site assessment and visual inspection, as well as drawings or other documentation provided to CEI. CEI has performed this inspection at a level consistent with the skill ordinarily demonstrated by other members of the profession that provide similar services, and in accordance with applicable regulations.

This survey is project specific to assist in project planning for the demolition of the building. The results of this survey are representative of the conditions observed on the date of inspection. Concealed

Asbestos Containing Building Materials, Lead-based Paints, PCB containing paints, or other hazards not identified in this survey may still be present throughout the building.

DISPOSAL RECOMMENDATIONS

The building is scheduled for demolition the costs to remove LBP on walls and floors and ACM Damp Proofing identified on the foundation of the exterior above and below grade would be extremely higher than performing the demolition and disposal of the concrete debris at a landfill approved to accept LBP and ACM demolition debris.

X 

Raymond Desrochers
EPA/AHERA Building Inspector

ATTACHMENTS

1. ACBM Analytical Reports
2. Lead and PCB Analytical Reports
3. Alaska Asbestos Laboratories Qualifications
4. Onsite Environmental, Inc. Qualifications
5. Inspector Certifications
6. Building Photographs
7. Sample Location Map

1. ACBM Analytical Reports

Alaska Asbestos Laboratory

Bulk Asbestos Analysis by PLM

3633 Parsons Avenue Anchorage, Alaska 99508

Client: Central Environmental Inc. Client Project #: 14417 AAL Project #: 23-0881
229 E. Whitney Road Suite 200 Collection Date: 08/30/23 Report #: B23-0881
Anchorage, AK 99501 Collected By: Client Report Date: 08/31/23

Project Name/Location: TCC Badger Rd Warehouse

Date Received: 08/31/23 Date Analyzed: 08/31/23 Sample Count: 1 Report By: J. Hicklin
Received By: J. Hicklin Analysis By: J. Hicklin Layer Count: 1 TAT: Rush

Client ID #	AAL ID #	Location: Exterior Foundation North Side Below Grade				Layer 1 of 1		
TCC-10	B23-1145	Non-Asbestos Components				Asbestos		
Material	Color	Homogenous	Misc. Non-Fibrous	%	Non-Asbestos Fibrous	%	Type	%
Damp Proofing	Black	Yes	Total Non-Fibrous	85.00	Cellulose	10.00	Chrysotile	5.00
Comment:			Total Non-Asbestos Fibrous	10.00	Total Asbestos	5.00		

Please Note:

- All quantitation of material in this report is based on a Calibrated Visual Estimate and not weight, unless otherwise noted. Calibrated Visual Estimate's are an accepted method of quantitation by the National Voluntary Laboratory Accreditation Program (NVLAP) for bulk asbestos analysis by PLM.
- Methods authorized by NVLAP do not include analysis of materials where the asbestos content is not consistently distributed throughout the material. Examples would include: soil, debris, vermiculite insulation, etc. However, under some circumstances, such as a small amount of material present, further sample reduction/homogenization is not practical and PLM can be appropriate. AAL will work with clients to determine the best analytical methods for the sample. Transmission Electron Microscopy (TEM) is also an available analytical option.

Methods: EPA 600/R-93/116 and EPA-40 CFR Appendix E to Subpart E of Part 763. AAL will use either method as directed by the client and/or as indicated by the sample material.

Reporting Limit: Less than 1% asbestos content by Calibrated Visual Estimate using PLM

Regulatory Limit: Greater than 1% asbestos content per the EPA

This analytical report relates only to the samples analyzed (as delivered). This report may not be reproduced, except in full, without written approval by Alaska Asbestos Laboratory (AAL). AAL makes no warranty (either direct or implied) as to the accuracy or content of any materials or information submitted by the client in preparing and presenting analytical results. The interpretation and regulatory compliance in regards to any analytical results are the sole responsibility of the client. Any information reported, in addition to analytical findings, is for informational purposes only. AAL does not provide any consultation for remediation of regulated materials. Unless otherwise noted, all samples were received in acceptable condition and suitable for analysis. The EPA recommends all non-friable organically bound materials (NOB), such as vinyl floor tiles, found not to contain asbestos by PLM analysis, be further analyzed by Transmission Electron Microscopy (TEM).

Information provided by the client may include, but is not limited to: client ID's (sample numbers), sample locations, sample descriptions (listed as material on report), collection/sampling information sheets including location(s)/drawings/maps. AAL assumes no liability for any missing or non-submitted information and, at its sole discretion, reserves the right to supplement or add industry standard designations or other information to the analytical report.



Lab Code: 600340-0

Approved By: Joel Hicklin
Joel Hicklin, Laboratory Manager

Date: 08/31/2023

Alaska Asbestos Laboratory

Bulk Asbestos Analysis by PLM

3633 Parsons Avenue Anchorage, Alaska 99508

Client: Central Environmental Inc. Client Project #: 14417 AAL Project #: 23-0800
 229 E. Whitney Road Suite 200 Collection Date: 08/18/23 Report #: B23-0880
 Anchorage, AK 99501 Collected By: Client Report Date: 08/23/23

Project Name/Location: TCC Badger Rd Warehouse

Date Received: 08/21/23 Date Analyzed: 08/22/23 Sample Count: 2 Report By: J. Hicklin
 Received By: J. Hicklin Analysis By: J. Hicklin Layer Count: 15 TAT: 24 Hr

Client ID #	AAL ID #	Location: Near Vent				Layer 1 of 10	
TCC-08	B23-1078A	Non-Asbestos Components				Asbestos	
Material	Color	Homogenous	Misc. Non-Fibrous	%	Non-Asbestos Fibrous	%	Type
Mastic	Black	Yes	Total Non-Fibrous	98.00	Cellulose	2.00	Non-Detect
Comment:					Total Non-Asbestos Fibrous	2.00	Total Asbestos Non-Detect

Client ID #	AAL ID #	Layer 2 of 10					
TCC-08	B23-1078B	Non-Asbestos Components				Asbestos	
Material	Color	Homogenous	Misc. Non-Fibrous	%	Non-Asbestos Fibrous	%	Type
Mastic	Tan	Yes	Total Non-Fibrous	99.90	Cellulose	0.10	Non-Detect
Comment: Little Material Present					Total Non-Asbestos Fibrous	0.10	Total Asbestos Non-Detect

Client ID #	AAL ID #	Layer 3 of 10					
TCC-08	B23-1078C	Non-Asbestos Components				Asbestos	
Material	Color	Homogenous	Misc. Non-Fibrous	%	Non-Asbestos Fibrous	%	Type
Mastic	Black	Yes	Total Non-Fibrous	75.00	Cellulose	25.00	Non-Detect
Comment:					Total Non-Asbestos Fibrous	25.00	Total Asbestos Non-Detect

Client ID #	AAL ID #	Layer 4 of 10					
TCC-08	B23-1078D	Non-Asbestos Components				Asbestos	
Material	Color	Homogenous	Misc. Non-Fibrous	%	Non-Asbestos Fibrous	%	Type
Mastic	Black	Yes	Total Non-Fibrous	98.00	Cellulose	2.00	Non-Detect
Comment:					Total Non-Asbestos Fibrous	2.00	Total Asbestos Non-Detect

Client ID #	AAL ID #	Layer 5 of 10					
TCC-08	B23-1078E	Non-Asbestos Components				Asbestos	
Material	Color	Homogenous	Misc. Non-Fibrous	%	Non-Asbestos Fibrous	%	Type
Mastic	Black	Yes	Total Non-Fibrous	98.00	Cellulose	2.00	Non-Detect
Comment:					Total Non-Asbestos Fibrous	2.00	Total Asbestos Non-Detect

Client ID #	AAL ID #	Layer 6 of 10					
TCC-08	B23-1078F	Non-Asbestos Components				Asbestos	
Material	Color	Homogenous	Misc. Non-Fibrous	%	Non-Asbestos Fibrous	%	Type
Mastic	Black	Yes	Total Non-Fibrous	70.00	Cellulose	30.00	Non-Detect
Comment:					Total Non-Asbestos Fibrous	30.00	Total Asbestos Non-Detect

Alaska Asbestos Laboratory

Bulk Asbestos Analysis by PLM

3633 Parsons Avenue Anchorage, Alaska 99508

AAL Project #: 23-0800

Report #: B23-0800

Client Project #: 14417

Report Date: 08/23/23

Client ID #	AAL ID #		Layer 7 of 10			
TCC-08	B23-1078G		Non-Asbestos Components			
			Asbestos			
Material	Color	Homogenous	Misc. Non-Fibrous	%	Non-Asbestos Fibrous	%
Mastic	Black	Yes	Total Non-Fibrous	90.00	Cellulose	10.00
Comment:					Type	%
					Non-Detect	
			Total Non-Asbestos Fibrous		10.00	Total Asbestos Non-Detect

Client ID #	AAL ID #		Layer 8 of 10			
TCC-08	B23-1078H		Non-Asbestos Components			
			Asbestos			
Material	Color	Homogenous	Misc. Non-Fibrous	%	Non-Asbestos Fibrous	%
Mastic	Black	Yes	Total Non-Fibrous	97.00	Cellulose	3.00
Comment:					Type	%
					Non-Detect	
			Total Non-Asbestos Fibrous		3.00	Total Asbestos Non-Detect

Client ID #	AAL ID #		Layer 9 of 10			
TCC-08	B23-1078I		Non-Asbestos Components			
			Asbestos			
Material	Color	Homogenous	Misc. Non-Fibrous	%	Non-Asbestos Fibrous	%
Mastic	Black	Yes	Total Non-Fibrous	75.00	Cellulose	25.00
Comment:					Type	%
					Non-Detect	
			Total Non-Asbestos Fibrous		25.00	Total Asbestos Non-Detect

Client ID #	AAL ID #		Layer 10 of 10			
TCC-08	B23-1078J		Non-Asbestos Components			
			Asbestos			
Material	Color	Homogenous	Misc. Non-Fibrous	%	Non-Asbestos Fibrous	%
Mastic	Black	Yes	Total Non-Fibrous	97.00	Cellulose	3.00
Comment:					Type	%
					Non-Detect	
			Total Non-Asbestos Fibrous		3.00	Total Asbestos Non-Detect

Client ID #	AAL ID #	Location: Roof	Layer 1 of 5			
TCC-09	B23-1079A		Non-Asbestos Components			
			Asbestos			
Material	Color	Homogenous	Misc. Non-Fibrous	%	Non-Asbestos Fibrous	%
Tar	Black	Yes	Total Non-Fibrous	99.90	Cellulose	0.10
Comment:					Type	%
					Non-Detect	
			Total Non-Asbestos Fibrous		0.10	Total Asbestos Non-Detect

Client ID #	AAL ID #		Layer 2 of 5			
TCC-09	B23-1079B		Non-Asbestos Components			
			Asbestos			
Material	Color	Homogenous	Misc. Non-Fibrous	%	Non-Asbestos Fibrous	%
Mastic	Black	Yes	Total Non-Fibrous	98.00	Cellulose	2.00
Comment:					Type	%
					Non-Detect	
			Total Non-Asbestos Fibrous		2.00	Total Asbestos Non-Detect

Alaska Asbestos Laboratory

Bulk Asbestos Analysis by PLM

3633 Parsons Avenue Anchorage, Alaska 99508

AAL Project #: 23-0800

Report #: B23-0800

Client Project #: 14417

Report Date: 08/23/23

Client ID #	AAL ID #		Layer 3 of 5				
TCC-09	B23-1079C		Non-Asbestos Components			Asbestos	
Material	Color	Homogenous	Misc. Non-Fibrous	%	Non-Asbestos Fibrous	%	Type
Tar	Black	Yes	Total Non-Fibrous	99.90	Cellulose	0.10	Non-Detect
Comment:					Total Non-Asbestos Fibrous	0.10	Total Asbestos Non-Detect

Client ID #	AAL ID #		Layer 4 of 5				
TCC-09	B23-1079D		Non-Asbestos Components			Asbestos	
Material	Color	Homogenous	Misc. Non-Fibrous	%	Non-Asbestos Fibrous	%	Type
Mastic	Black	Yes	Total Non-Fibrous	98.00	Cellulose	2.00	Non-Detect
Comment:					Total Non-Asbestos Fibrous	2.00	Total Asbestos Non-Detect

Client ID #	AAL ID #		Layer 5 of 5				
TCC-09	B23-1079E		Non-Asbestos Components			Asbestos	
Material	Color	Homogenous	Misc. Non-Fibrous	%	Non-Asbestos Fibrous	%	Type
Tar	Black	Yes	Total Non-Fibrous	99.90	Cellulose	0.10	Non-Detect
Comment:					Total Non-Asbestos Fibrous	0.10	Total Asbestos Non-Detect

Please Note:

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- Methods authorized by NVLAP do not include analysis of materials where the asbestos content is not consistently distributed throughout the material. Examples would include: soil, debris, vermiculite insulation, etc. However, under some circumstances, such as a small amount of material present, further sample reduction/homogenization is not practical and PLM can be appropriate. AAL will work with clients to determine the best analytical methods for the sample. Transmission Electron Microscopy (TEM) is also an available analytical option.

Methods: EPA 600/R-93/116 and EPA-40 CFR Appendix E to Subpart E of Part 763. AAL will use either method as directed by the client and/or as indicated by the sample material.

Reporting Limit: Less than 1% asbestos content by Calibrated Visual Estimate using PLM

Regulatory Limit: Greater than 1% asbestos content per the EPA

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Information provided by the client may include, but is not limited to: client ID's (sample numbers), sample locations, sample descriptions (listed as material on report), collection/sampling information sheets including location(s)/drawings/maps. AAL assumes no liability for any missing or non-submitted information and, at its sole discretion, reserves the right to supplement or add industry standard designations or other information to the analytical report.



Lab Code: 600340-0

Approved By:

Joel Hicklin

Joel Hicklin, Laboratory Manager

Date: 08/23/2023

CHAIN OF CUSTODY

Date: 8-21-23 P.O # 14417

Client Name: Central Environmental Inc.

Project Name: TCC Badger Rd. Warehouse

Project #: 14417

Billing Address: 229 E. Whitney Rd, Ste. 200 City: Anch.

State: AK Zip Code: 99501 Phone: _____ Ext: _____ Cell: 907-590-3000

Email: ray@ceifbx.com or Fax: _____

SAME DAY T.A.T Verbal Please provide name/contact #: _____

Please Note: The person/client signing for the relinquishment is responsible for payment.

Samples Relinquished By (person): Ray Denocher Date: 8-21-23 Time: _____

Samples Received By (person): Ray Denocher J Hicklin Date: 8-21-23 Time: _____

Samples Analysis Type: PLM TEM LEAD TCLP (Type) _____ Other (specify Mold, Metals, etc.) _____

Composite (PLM-Drywall Only): Y N Turn-around Time: SAME DAY NEXT DAY 2-DAY 3-DAY 5-DAY

Method of Payment: CASH CHECK CREDIT CARD ACCOUNT (Name on Account) _____

Sample #	Collection Date	T.A.T.	Analysis Type	Location/Worker: Task	Volume (L)	Sample Condition
TCC-8	8-18-23	24h	PLM	roofing material near vent		
TCC-9	8-18-23	24h	PLM	roofing material		

It is the responsibility of the client that samples are collected and packaged appropriately. AAL reserves the right to refuse analysis for samples which are unsuitable due to being improperly collected, incorrectly or insufficiently labeled, or improperly packaged. AAL will contact the client if there are sample issues and will discuss with the client the options available.

2. Lead and PCB Analytical Reports



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

August 24, 2023

Ray Desrochers
Central Environmental, Inc.
A Bering Straits Company
229 E Whitney Road, Suite 200
Anchorage, AK 99501

Re: Analytical Data for Project 14417
Laboratory Reference No. 2308-238

Dear Ray:

Enclosed are the analytical results and associated quality control data for samples submitted on August 22, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal flourish extending to the right.

David Baumeister
Project Manager

Enclosures



OnSite Environmental, Inc. 14648 NE 95th Street, Redmond, WA 98052 (425) 883-3881

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 24, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-238
Project: 14417

Case Narrative

Samples were collected on August 18, 2023 and received by the laboratory on August 22, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.



Date of Report: August 24, 2023
 Samples Submitted: August 22, 2023
 Laboratory Reference: 2308-238
 Project: 14417

PCBs EPA 8082A

Matrix: Solid
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	TCC-1					
Laboratory ID:	08-238-01					
Aroclor 1016	ND	1.0	EPA 8082A	8-23-23	8-23-23	
Aroclor 1221	ND	1.0	EPA 8082A	8-23-23	8-23-23	
Aroclor 1232	ND	1.0	EPA 8082A	8-23-23	8-23-23	
Aroclor 1242	ND	1.0	EPA 8082A	8-23-23	8-23-23	
Aroclor 1248	ND	1.0	EPA 8082A	8-23-23	8-23-23	
Aroclor 1254	ND	1.0	EPA 8082A	8-23-23	8-23-23	
Aroclor 1260	ND	1.0	EPA 8082A	8-23-23	8-23-23	
Aroclor 1262	ND	1.0	EPA 8082A	8-23-23	8-23-23	
Aroclor 1268	ND	1.0	EPA 8082A	8-23-23	8-23-23	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
DCB	97	50-127				
Client ID:	TCC-2					
Laboratory ID:	08-238-02					
Aroclor 1016	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1221	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1232	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1242	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1248	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1254	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1260	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1262	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1268	ND	1.0	EPA 8082A	8-23-23	8-24-23	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
DCB	99	50-127				
Client ID:	TCC-3					
Laboratory ID:	08-238-03					
Aroclor 1016	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1221	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1232	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1242	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1248	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1254	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1260	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1262	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1268	ND	1.0	EPA 8082A	8-23-23	8-24-23	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
DCB	90	50-127				



Date of Report: August 24, 2023
 Samples Submitted: August 22, 2023
 Laboratory Reference: 2308-238
 Project: 14417

PCBs EPA 8082A

Matrix: Solid
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	TCC-4					
Laboratory ID:	08-238-04					
Aroclor 1016	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1221	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1232	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1242	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1248	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1254	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1260	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1262	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1268	ND	1.0	EPA 8082A	8-23-23	8-24-23	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
DCB	94	50-127				
Client ID:	TCC-5					
Laboratory ID:	08-238-05					
Aroclor 1016	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1221	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1232	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1242	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1248	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1254	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1260	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1262	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1268	ND	1.0	EPA 8082A	8-23-23	8-24-23	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
DCB	102	50-127				
Client ID:	TCC-6					
Laboratory ID:	08-238-06					
Aroclor 1016	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1221	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1232	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1242	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1248	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1254	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1260	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1262	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1268	ND	1.0	EPA 8082A	8-23-23	8-24-23	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
DCB	95	50-127				



Date of Report: August 24, 2023
 Samples Submitted: August 22, 2023
 Laboratory Reference: 2308-238
 Project: 14417

PCBs EPA 8082A

Matrix: Solid
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	TCC-7					
Laboratory ID:	08-238-07					
Aroclor 1016	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1221	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1232	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1242	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1248	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1254	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1260	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1262	ND	1.0	EPA 8082A	8-23-23	8-24-23	
Aroclor 1268	ND	1.0	EPA 8082A	8-23-23	8-24-23	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>DCB</i>	96	50-127				



Date of Report: August 24, 2023
 Samples Submitted: August 22, 2023
 Laboratory Reference: 2308-238
 Project: 14417

**PCBs EPA 8082A
 QUALITY CONTROL**

Matrix: Solid
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0823S1					
Aroclor 1016	ND	0.050	EPA 8082A	8-23-23	8-23-23	
Aroclor 1221	ND	0.050	EPA 8082A	8-23-23	8-23-23	
Aroclor 1232	ND	0.050	EPA 8082A	8-23-23	8-23-23	
Aroclor 1242	ND	0.050	EPA 8082A	8-23-23	8-23-23	
Aroclor 1248	ND	0.050	EPA 8082A	8-23-23	8-23-23	
Aroclor 1254	ND	0.050	EPA 8082A	8-23-23	8-23-23	
Aroclor 1260	ND	0.050	EPA 8082A	8-23-23	8-23-23	
Aroclor 1262	ND	0.050	EPA 8082A	8-23-23	8-23-23	
Aroclor 1268	ND	0.050	EPA 8082A	8-23-23	8-23-23	
Surrogate:	Percent Recovery	Control Limits				
DCB	92	50-127				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	08-250-10										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	0.358	0.337	0.500	0.500	ND	72	67	41-121	6	28	
Surrogate:											
DCB						76	74	50-127			



Date of Report: August 24, 2023
 Samples Submitted: August 22, 2023
 Laboratory Reference: 2308-238
 Project: 14417

**TOTAL LEAD
 EPA 6010D**

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	TCC-1					
Laboratory ID:	08-238-01					
Lead	270000	2100	EPA 6010D	8-23-23	8-23-23	

Client ID:	TCC-2					
Laboratory ID:	08-238-02					
Lead	320000	2100	EPA 6010D	8-23-23	8-23-23	

Client ID:	TCC-3					
Laboratory ID:	08-238-03					
Lead	1200	21	EPA 6010D	8-23-23	8-23-23	

Client ID:	TCC-4					
Laboratory ID:	08-238-04					
Lead	440	20	EPA 6010D	8-23-23	8-23-23	

Client ID:	TCC-5					
Laboratory ID:	08-238-05					
Lead	1000	22	EPA 6010D	8-23-23	8-23-23	

Client ID:	TCC-6					
Laboratory ID:	08-238-06					
Lead	82	20	EPA 6010D	8-23-23	8-23-23	

Client ID:	TCC-7					
Laboratory ID:	08-238-07					
Lead	1200	20	EPA 6010D	8-23-23	8-23-23	



Date of Report: August 24, 2023
 Samples Submitted: August 22, 2023
 Laboratory Reference: 2308-238
 Project: 14417

**TOTAL LEAD
 EPA 6010D
 QUALITY CONTROL**

Matrix: Paint
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0823PM1					
Lead	ND	5.0	EPA 6010D	8-23-23	8-23-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	SB0823PM1										
	SB	SBD	SB	SBD		SB	SBD				
Lead	244	248	250	250	ND	98	99	75-125	1	20	





Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 - Hydrocarbons in diesel range are impacting lube oil range results.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical _____.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.
- X2 - Sample extract treated with a silica gel cleanup procedure.
- Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
- Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.
- Z -
- ND - Not Detected at PQL
- PQL - Practical Quantitation Limit
- RPD - Relative Percent Difference



CERTIFICATE OF ANALYSIS

Chain of Custody: 648484	Job Name: CEI TCC Warehouse Badger Road	Date Submitted: 09/05/2023
Client: Alaska Asbestos Laboratory	Job Location: Not Provided	Date Analyzed: 09/07/2023
Address: 3633 Parsons Avenue Anchorage Alaska 99508	Job Number: 14417	Report Date: 09/07/2023
Attention: Joel Hicklin	P.O. Number: S23-0885	Date Sampled: 08/21/2023
		Person Submitting: Joel Hicklin

Summary of Atomic Absorption Analysis for Lead

AMA Sample Number	Client Sample Number	Analysis Type	Sample Type	Quantification Limit	Final Result	Comments
648484-1	TCC-11	Flame AA	TCLP	0.5 mg/L	<0.5 mg/L	

Analysis Method for Flame: EPA 7000B
 Preparation Method for TCLP Samples: EPA 1311 (followed by EPA 600/R-93/200(M), if necessary)
 Results expressed as milligrams per liter (mg/L) of TCLP extract
 Regulatory Limit = 5.0 mg of Lead per liter of TCLP extract
 All results are to be considered preliminary and subject to change unless signed by the Technical Director or Deputy.

Analyst(s): Suphin Chinnapad



Technical Director _____
George Land

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public, and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations, and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. The results apply only to the sample(s) tested as received. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NY ELAP, AIHA-LAP, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.



QC Summary for SDG #77076

Overview

Analysis Type: Flame AA
Sample Type: TCLP
Analysis Date: 09/07/2023

Samples Included

648484-1

Preparation Blank

Result: -0.002 ppm

Report Limit Verification Sample

Percent Recovery: 97.4 %

Duplicates

RPD: 20.7 %

Matrix Spike Analysis

Spiked Sample Percent Recovery: 107.3%
Spike Duplicate Percent Recovery: 106.6%
RPD: 0.7%

Matrix Blank

Result: -0.002 ppm

Lab Control Sample #1

Percent Recovery: 114.40 %

Lab Control Sample #2

Percent Recovery: 113.90 %

Reference Sample

Percent Recovery: N/A

Calibration Curve

Correlation: 0.99985

Serial Dilution / Bench Spike

Serial Dilution RPD: N/A
Bench Spike Percent Recovery: N/A

Notes

CENTRAL ENVIRONMENTAL INC.
LBP SAMPLE PROFILE SHEET

Building Name:	TCC Warehouse
Building Number:	
Location:	Badger Rd.
Brief description of LBP Abatement:	Building Demolition
Date of sample collection:	8-30-23
Sample ID number:	TCC-11
Description of Waste Stream Sampled:	concrete + wood

analysis to be performed
check type of sample

LEAD TCLP

COMPOSITE TYPE SAMPLE:	
SINGLE MATERIAL SAMPLE:	X

Waste Stream Breakdown by Material type and Percent of Waste

MATERIAL DESCRIPTION	% of Waste	MATERIAL DESCRIPTION	% of Waste
WALLS		FLOORS	
wood		wood	
concrete	33	concrete	33.5
CMU		CMU	
steel		steel	
other		other	
INTERIOR WALL FINISHES		FLOOR FINISHES	
gypsumboard		wood	
plaster		ceramic tile	
wood panel		VCT	
metal		concrete	
EXTERIOR WALL FINISHES		paint	
gypsumboard		Other Components	
plaster		boiler	
wood panel		ductwork	
metal		pipng	
CEILING		furniture	
wood		write any non-listed items	
concrete	33		
CMU			
steel			
other			
CEILING FINISH			
gypsumboard			
plaster			
wood panel			
metal			
TRIM			
window			
doors	0.5		
casing material			
TOTAL MUST EQUAL 100%			100

TCLP EXTRACTION WORKSHEET

COC Number: 648484

Client Name: Alaska

Sample ID: 1

Technician: SL

SDG Number: 77076

Start Date: 9/6/23

Sample Description (Material, Color, Liquid Content, etc.)

Wood chip, Cement or Concrete

Percent Solids Determination

Is there a liquid phase? NO

Percent Solids: 100%

Size Reduction

Necessary? Yes

Prep Fee? If so, how much? Y/N \$ _____ Make sure invoice is changed if there is a prep fee.

Determination of Appropriate Extraction Fluid

Test # 1 (deionized water) pH: 10.11 Stop here if pH is below 5, and use Extraction Fluid 1

Test #2 (HCl + heating) pH: 1.50 If below 5 use Ext. 1, but if above 5 use Ext 2.

Extraction Fluid Used: #1

Tested Extraction Fluid pH: _____ #1: 4.93 ± 0.05 #2: 2.88 ± 0.05

Extraction Process

Total Sample Mass (g): 100.0 g (At least 100.0g)

Volume of Extraction Fluid Used: 1960 mL

Extraction Fluid One: 19.6ml for each gram of sample.
Extraction Fluid Two: 20.0 ml for each gram of sample.

Tumbler Date & Time On: 9/6/23 @ 17:00 [Tumbling Time 18 hrs ± 2 hrs]

Tumbler Date & Time Off: 9/7/23 16:00

pH of TCLP Extract: 7.75 PBS pH: 4.93

pH of extract after preservation: 0.99 PBS_{preserved} pH: 0.93

Preliminary Analysis

Preliminary (undigested extract) result above Reg. Limit (5 ppm)? Yes / (No)

Sample Digestion Method: EPA 600/R-93/200(M)

Revision 0, Issued Oct 2004

SL
auth.

230807A
0-999850
SL

3. Alaska Asbestos Laboratories Qualifications

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 600340-0

Alaska Asbestos Laboratory
Anchorage, AK

is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2023-02-02 through 2023-12-31
Effective Dates



A handwritten signature in blue ink, appearing to read "John S. Lumb".

For the National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

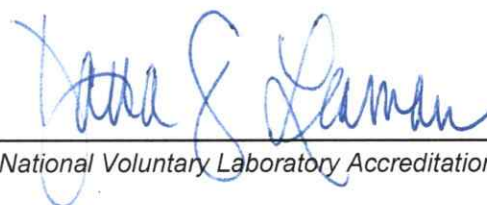
Alaska Asbestos Laboratory
3633 Parsons Avenue
Anchorage, AK 99508
Joel Hicklin
Phone: 907-884-0478
Email: plmlaboratoryjth@yahoo.com

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 600340-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials



For the National Voluntary Laboratory Accreditation Program



IHPAT Round 232
Proficiency Testing Performance for Participant ID: 298312

Page 1 of 2
Report Issue Date: 02/15/2023

Alaska Asbestos Laboratory
3633 Parsons Ave
Anchorage, AK 99508-1126

This report contains your organization's IHPAT Proficiency Analytical Testing results for **IHPAT Round 232**. It is the participant's responsibility to thoroughly review the information in this final report and to immediately contact the AIHA Proficiency Analytical Testing Programs, in writing, if any errors are found.

IHPAT Results

The final report is comprised of two sections relating to IHPAT Round 232. The first section contains your organization's results listed per analyte, per sample. The second section contains your current performance and performance from the two previous rounds, respectively (where applicable). Summary results for all participants for IHPAT Round 232 are located in a separate report.

Testing Results for IHPAT Round 232

This part of the report contains your organization's results listed per analyte, per sample.

Contaminant	Unit	#	Result	Ref. Value	Lower Limit	Upper Limit	z-Score	Rating
Asbestos (ASB)	f/mm ²	1	260	300	180	452	-0.9	A
	f/mm ²	2	170	141	69	238	1	A
	f/mm ²	3	473	522	268	859	-0.5	A
	f/mm ²	4	110	72	39	115	2.9	A

Statistical Analysis Interpretation Note:

Reference value is the mean of the reference group.

Lower limit = reference value - 3 standard deviations; Upper limit = reference value + 3 standard deviations

z-Score = (reported result - reference value)/standard deviation. Note: z-Scores indicate how far a particular score is away from the mean. A - Acceptable* Analysis; U - Unacceptable Analysis; E - Excused Absence

Fiber data are positively skewed therefore transformations are used to obtain approximately normal distributions. Both the assigned values and acceptance limits are based on consensus of the reference group.

*The acceptability of reported results is based on upper and lower acceptance limits. A reported result may appear acceptable/unacceptable according to z-Score, but be identified as an outlier based upon the acceptance limits. Any non-participation or non-reporting of PAT data will result in unacceptable results (see PAT Programs Participation Policies, Section 2.1.6.2.).

Measurement uncertainty of any assigned value is also available on the respective certificate of analysis for the round.

Technical Comment: None

Overall Performance Summary Concluding with IHPAT Round 232

The following table contains your organization's current and two previous test rounds performance respectively (where applicable). For more information in regard to the determination of proficiency, please visit: www.aihapat.org.

Analyte Class	Round	Round Score	Round Performance	Proficiency Status - Three Round Score
Asbestos	231-R	3/4	PASS	
	232	4/4	PASS	PROFICIENT

Interpretation Notes:

The denominators represent the total number of samples analyzed. The numerators represent the number of acceptable results.

Pass: Round Score greater than or equal to 75%

Fail: Round Score less than 75%

P - Proficient; NP - Non-proficient; I - Indeterminate (not enough rounds to determine proficiency)

A participant is rated proficient for the applicable IHPAT analyte group if the participant has a passing score for the applicable IHPAT analyte group in two (2) of the last three (3) consecutive PT rounds. A participant is rated non-proficient for the applicable PT analyte group if the participant has failing scores for the associated PT analyte group in two (2) of the last three (3) consecutive PT rounds.

Additional information on the following items are available in the IHPAT Scheme Plan:

Procedures used to statistically analyze the data, establish the assigned value and standard deviation for proficiency assessment, or other criteria for evaluation; details of the metrological traceability and measurement uncertainty of the assigned value; information about design and implementation of PT scheme. The Industrial Hygiene Scheme Plan is available in the PAT Portal. Measurement uncertainty of any assigned value is also available on the respective certificate of analysis for the round.

Participants shall not describe their proficiency status in a manner that implies accreditation, certification or variations thereof. PAT results pertain only to the participant organization at the location listed on this results report. AIHA PAT Programs makes every effort to ensure that individual participant results are kept confidential and are not made public. Round results are only released to the participant and those entities requiring this information for accreditation, regulatory and contract purposes. New participants are made aware of the arrangement in advance of participation and consent is sought prior to the release of records for participants. PAT reports may not be reproduced or distributed unless copied in its entirety.

IHPAT samples are generated, verified, packaged, and shipped by RTI International under contract with AIHA Proficiency Analytical Testing Programs. Unless otherwise noted, sample homogeneity and stability criteria were satisfied for all samples.

Authorized by:
David Clawson
Senior Manager, Technical and Quality
AIHA PAT Programs
dclawson@aiha.org

—[M I C A]—

certifies that

Joel Hicklin

has successfully completed an intensive course of instruction in

Asbestos Identification Using Polarized Light Microscopy

given by Microscopy Instruction, Consultation & Analysis

presented this 13th day of March, 2009



—[M I C A]—

Peter U. Cooke

PETER M. COOKE

Certificate of Achievement

This is to certify that

Joel Hicklin

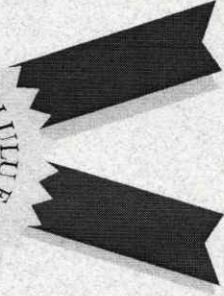
Has successfully completed the following 40-hour course:
NIOSH 582 equivalent
Sampling and Evaluation of Airborne Dust

Date of Classroom Instruction: 8/18/08-8/22/08

Instructor: Bobby Carroll

WEC

ANCHORAGE HONOLULU
FAIRBANKS



White Environmental Consultants, Inc. • 731 I. Street Suite 203 Anchorage AK 99501 • (907) 258-8661

4. Onsite Environmental, Inc. Qualifications

The State of
Department



Washington
of Ecology

OnSite Environmental, Inc.
Redmond, WA

has complied with provisions set forth in Chapter 173-50 WAC and is hereby recognized by the Department of Ecology as an ACCREDITED LABORATORY for the analytical parameters listed on the accompanying Scope of Accreditation.

This certificate is effective July 27, 2022 and shall expire July 26, 2023.

Witnessed under my hand on August 08, 2022.

Rebecca Wood
Lab Accreditation Unit Supervisor

Laboratory ID
C591

State	City	Company Name	Matrix Description	Matrix	Category	Method Name	Method Code	Analyte Name	Analyte ID
WA	Redmond	OnSite Environmental, Inc.	Drinking Water	D	Metals	EPA 200.7_4.4_1994	10013806	Barium	1015
WA	Redmond	OnSite Environmental, Inc.	Drinking Water	D	Metals	EPA 200.7_4.4_1994	10013806	Chromium	1040
WA	Redmond	OnSite Environmental, Inc.	Drinking Water	D	Metals	EPA 200.7_4.4_1994	10013806	Copper	1055
WA	Redmond	OnSite Environmental, Inc.	Drinking Water	D	Metals	EPA 200.7_4.4_1994	10013806	Iron	1070
WA	Redmond	OnSite Environmental, Inc.	Drinking Water	D	Metals	EPA 200.7_4.4_1994	10013806	Manganese	1090
WA	Redmond	OnSite Environmental, Inc.	Drinking Water	D	Metals	EPA 200.7_4.4_1994	10013806	Silica	1990
WA	Redmond	OnSite Environmental, Inc.	Drinking Water	D	Metals	EPA 200.7_4.4_1994	10013806	Silver	1150
WA	Redmond	OnSite Environmental, Inc.	Drinking Water	D	Metals	EPA 200.7_4.4_1994	10013806	Zinc	1190
WA	Redmond	OnSite Environmental, Inc.	Drinking Water	D	Metals	EPA 200.8_5.4_1994	10014605	Aluminum	1000
WA	Redmond	OnSite Environmental, Inc.	Drinking Water	D	Metals	EPA 200.8_5.4_1994	10014605	Antimony	1005
WA	Redmond	OnSite Environmental, Inc.	Drinking Water	D	Metals	EPA 200.8_5.4_1994	10014605	Arsenic	1010
WA	Redmond	OnSite Environmental, Inc.	Drinking Water	D	Metals	EPA 200.8_5.4_1994	10014605	Barium	1015
WA	Redmond	OnSite Environmental, Inc.	Drinking Water	D	Metals	EPA 200.8_5.4_1994	10014605	Beryllium	1020
WA	Redmond	OnSite Environmental, Inc.	Drinking Water	D	Metals	EPA 200.8_5.4_1994	10014605	Cadmium	1030
WA	Redmond	OnSite Environmental, Inc.	Drinking Water	D	Metals	EPA 200.8_5.4_1994	10014605	Chromium	1040
WA	Redmond	OnSite Environmental, Inc.	Drinking Water	D	Metals	EPA 200.8_5.4_1994	10014605	Copper	1055
WA	Redmond	OnSite Environmental, Inc.	Drinking Water	D	Metals	EPA 200.8_5.4_1994	10014605	Lead	1075
WA	Redmond	OnSite Environmental, Inc.	Drinking Water	D	Metals	EPA 200.8_5.4_1994	10014605	Manganese	1090
WA	Redmond	OnSite Environmental, Inc.	Drinking Water	D	Metals	EPA 200.8_5.4_1994	10014605	Nickel	1105
WA	Redmond	OnSite Environmental, Inc.	Drinking Water	D	Metals	EPA 200.8_5.4_1994	10014605	Selenium	1140
WA	Redmond	OnSite Environmental, Inc.	Drinking Water	D	Metals	EPA 200.8_5.4_1994	10014605	Silver	1150
WA	Redmond	OnSite Environmental, Inc.	Drinking Water	D	Metals	EPA 200.8_5.4_1994	10014605	Thallium	1165
WA	Redmond	OnSite Environmental, Inc.	Drinking Water	D	Metals	EPA 200.8_5.4_1994	10014605	Zinc	1190
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Chromatography	EPA RSK-175	10212905	Ethane	4747
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Chromatography	EPA RSK-175	10212905	Ethene	4752
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Chromatography	EPA RSK-175	10212905	Methane	4926
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Chromatography	EPA RSK-175	10212905	n-Butane	5007
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Chromatography	EPA RSK-175	10212905	n-Propane	5029
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	General Chemistry	ASTM D516-11	30002245	Sulfate	2000
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	General Chemistry	EPA 1664A (SGT-HEM)	10261606	non-Polar Extractable Ma	1853
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	General Chemistry	EPA 1664A_1_1999	10127807	n-Hexane Extractable Ma	1803
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	General Chemistry	EPA 180.1_2_1993	10011800	Turbidity	2055
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	General Chemistry	EPA 310.2_1974	10055206	Alkalinity	1505
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	General Chemistry	EPA 353.2_2_1993	10067604	Nitrate	1805
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	General Chemistry	EPA 353.2_2_1993	10067604	Nitrate + Nitrite	1820
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	General Chemistry	EPA 353.2_2_1993	10067604	Nitrite	1835
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	General Chemistry	EPA 365.1_2_1993	10070005	Orthophosphate	1870
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	General Chemistry	EPA 365.1_2_1993	10070005	Phosphorus, total	1910
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	General Chemistry	SM 2320 B-2011	20045618	Alkalinity	1505
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	General Chemistry	SM 2340 B-2011	20046611	Hardness (calc.)	1760
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	General Chemistry	SM 2340 B-2011	20046611	Hardness, Calcium (as Ca	1550
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	General Chemistry	SM 2510 B-2011	20048617	Specific Conductance	1610
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	General Chemistry	SM 2540 C-2015	20050435	Solids, Total Dissolved	1955
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	General Chemistry	SM 2540 D-2011	20051212	Solids, Total Suspended	1960
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	General Chemistry	SM 2540 F-2011	20052215	Solids, Settleable	1965
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	General Chemistry	SM 3500-Cr B-2011	20066266	Chromium, Hexavalent	1045
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	General Chemistry	SM 4500-Cl¯ E-2011	20086811	Chloride	1575
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	General Chemistry	SM 4500-F¯ C-2011	20102414	Fluoride	1730
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	General Chemistry	SM 4500-NH3 D-2011	20109415	Ammonia	1515
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	General Chemistry	SM 5310 B-2011	20137820	Dissolved Organic Carbon	1710

State	City	Company Name	Matrix Description	Matrix	Category	Method Name	Method Code	Analyte Name	Analyte ID
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	General Chemistry	SM 5310 B-2011	20137820	Total organic carbon	2040
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.7_4.4_1994	10013806	Aluminum	1000
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.7_4.4_1994	10013806	Antimony	1005
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.7_4.4_1994	10013806	Arsenic	1010
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.7_4.4_1994	10013806	Barium	1015
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.7_4.4_1994	10013806	Beryllium	1020
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.7_4.4_1994	10013806	Boron	1025
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.7_4.4_1994	10013806	Cadmium	1030
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.7_4.4_1994	10013806	Calcium	1035
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.7_4.4_1994	10013806	Chromium	1040
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.7_4.4_1994	10013806	Cobalt	1050
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.7_4.4_1994	10013806	Copper	1055
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.7_4.4_1994	10013806	Iron	1070
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.7_4.4_1994	10013806	Lead	1075
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.7_4.4_1994	10013806	Magnesium	1085
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.7_4.4_1994	10013806	Manganese	1090
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.7_4.4_1994	10013806	Molybdenum	1100
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.7_4.4_1994	10013806	Nickel	1105
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.7_4.4_1994	10013806	Potassium	1125
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.7_4.4_1994	10013806	Selenium	1140
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.7_4.4_1994	10013806	Silica	1990
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.7_4.4_1994	10013806	Silver	1150
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.7_4.4_1994	10013806	Sodium	1155
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.7_4.4_1994	10013806	Strontium	1160
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.7_4.4_1994	10013806	Thallium	1165
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.7_4.4_1994	10013806	Tin	1175
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.7_4.4_1994	10013806	Titanium	1180
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.7_4.4_1994	10013806	Vanadium	1185
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.7_4.4_1994	10013806	Zinc	1190
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.8_5.4_1994	10014605	Aluminum	1000
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.8_5.4_1994	10014605	Antimony	1005
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.8_5.4_1994	10014605	Arsenic	1010
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.8_5.4_1994	10014605	Barium	1015
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.8_5.4_1994	10014605	Beryllium	1020
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.8_5.4_1994	10014605	Boron	1025
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.8_5.4_1994	10014605	Cadmium	1030
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.8_5.4_1994	10014605	Calcium	1035
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.8_5.4_1994	10014605	Chromium	1040
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.8_5.4_1994	10014605	Cobalt	1050
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.8_5.4_1994	10014605	Copper	1055
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.8_5.4_1994	10014605	Iron	1070
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.8_5.4_1994	10014605	Lead	1075
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.8_5.4_1994	10014605	Magnesium	1085
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.8_5.4_1994	10014605	Manganese	1090
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.8_5.4_1994	10014605	Molybdenum	1100
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.8_5.4_1994	10014605	Nickel	1105
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.8_5.4_1994	10014605	Potassium	1125
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.8_5.4_1994	10014605	Selenium	1140
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.8_5.4_1994	10014605	Silver	1150
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.8_5.4_1994	10014605	Sodium	1155

State	City	Company Name	Matrix Description	Matrix	Category	Method Name	Method Code	Analyte Name	Analyte ID
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.8_5.4_1994	10014605	Strontium	1160
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.8_5.4_1994	10014605	Thallium	1165
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.8_5.4_1994	10014605	Tin	1175
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.8_5.4_1994	10014605	Titanium	1180
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.8_5.4_1994	10014605	Vanadium	1185
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 200.8_5.4_1994	10014605	Zinc	1190
WA	Redmond	OnSite Environmental, Inc.	Non-Potable Water	N	Metals	EPA 245.1_3_1994	10036609	Mercury	1095
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8011-92	10173009	1,2-Dibromo-3-chloropropane	4570
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8011-92	10173009	1,2-Dibromoethane (EDB)	4585
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8015D_4_(6/03)	10305609	Diesel range organics (DF)	9369
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8015D_4_(6/03)	10305609	Gasoline range organics (G)	9408
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8021B_3_(7/14)	10174819	Benzene	4375
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8021B_3_(7/14)	10174819	Ethylbenzene	4765
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8021B_3_(7/14)	10174819	m+p-xylene	5240
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8021B_3_(7/14)	10174819	o-Xylene	5250
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8021B_3_(7/14)	10174819	Toluene	5140
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8021B_3_(7/14)	10174819	Xylene (total)	5260
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8081B_(2/07)	10178800	4,4'-DDD	7355
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8081B_(2/07)	10178800	4,4'-DDE	7360
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8081B_(2/07)	10178800	4,4'-DDT	7365
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8081B_(2/07)	10178800	Aldrin	7025
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8081B_(2/07)	10178800	alpha-BHC (alpha-Hexachlorocyclopentadiene)	7110
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8081B_(2/07)	10178800	alpha-Chlordane	7240
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8081B_(2/07)	10178800	beta-BHC (beta-Hexachlorocyclopentadiene)	7115
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8081B_(2/07)	10178800	delta-BHC	7105
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8081B_(2/07)	10178800	Dieldrin	7470
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8081B_(2/07)	10178800	Endosulfan I	7510
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8081B_(2/07)	10178800	Endosulfan II	7515
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8081B_(2/07)	10178800	Endosulfan sulfate	7520
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8081B_(2/07)	10178800	Endrin	7540
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8081B_(2/07)	10178800	Endrin aldehyde	7530
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8081B_(2/07)	10178800	Endrin ketone	7535
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8081B_(2/07)	10178800	gamma-BHC (Lindane, gamma-Hexachlorocyclopentadiene)	7120
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8081B_(2/07)	10178800	gamma-Chlordane	7245
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8081B_(2/07)	10178800	Heptachlor	7685
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8081B_(2/07)	10178800	Heptachlor epoxide	7690
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8081B_(2/07)	10178800	Hexachlorobenzene	6275
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8081B_(2/07)	10178800	Methoxychlor	7810
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8081B_(2/07)	10178800	Toxaphene (Chlorinated)	8250
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8082A_(2/07)	10179201	Aroclor-1016 (PCB-1016)	8880
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8082A_(2/07)	10179201	Aroclor-1221 (PCB-1221)	8885
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8082A_(2/07)	10179201	Aroclor-1232 (PCB-1232)	8890
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8082A_(2/07)	10179201	Aroclor-1242 (PCB-1242)	8895
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8082A_(2/07)	10179201	Aroclor-1248 (PCB-1248)	8900
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8082A_(2/07)	10179201	Aroclor-1254 (PCB-1254)	8905
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8082A_(2/07)	10179201	Aroclor-1260 (PCB-1260)	8910
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8082A_(2/07)	10179201	Aroclor-1262 (PCB-1262)	WA7620
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	EPA 8082A_(2/07)	10179201	Aroclor-1268 (PCB-1268)	8913
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	WDOE NWTPH-Dx_(1997)	90018409	Diesel range organics (DF)	9369
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	WDOE NWTPH-Gx_(1997)	90018603	Gasoline range organics (G)	9408

State	City	Company Name	Matrix Description	Matrix	Category	Method Name	Method Code	Analyte Name	Analyte ID
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	WDOE VPH_(1997)	60015056	>C10-C12 Aliphatic VPH	5300
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	WDOE VPH_(1997)	60015056	>C10-C12 Aromatic VPH	5308
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	WDOE VPH_(1997)	60015056	>C12-C13 Aromatic VPH	5309
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	WDOE VPH_(1997)	60015056	>C6-C8 Aliphatic VPH	5301
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	WDOE VPH_(1997)	60015056	>C8-C10 Aliphatic VPH	5302
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	WDOE VPH_(1997)	60015056	C5-C6 Aliphatic VPH	5303
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Chromatography	WDOE VPH_(1997)	60015056	C8-C10 Aromatic VPH	5310
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	General Chemistry	ASTM D516-11	30002245	Sulfate	2000
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	General Chemistry	EPA 353.2_2_1993	10067604	Nitrate	1805
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	General Chemistry	EPA 353.2_2_1993	10067604	Nitrate + Nitrite	1820
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	General Chemistry	EPA 353.2_2_1993	10067604	Nitrite	1835
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	General Chemistry	EPA 365.1_2_1993	10070005	Orthophosphate	1870
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	General Chemistry	EPA 365.1_2_1993	10070005	Phosphorus, total	1910
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	General Chemistry	EPA 7196A_1_1992	10162400	Chromium, Hexavalent	1045
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	General Chemistry	EPA 9045D_2002	10244607	pH	1900
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	General Chemistry	EPA 9060A_1_2004	10244823	Total organic carbon	2040
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	General Chemistry	SM 2540 G-2011	20005270	Solids, Total, Fixed and Volatile	1725
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	General Chemistry	SM 4500-Cl¯ E-2011	20086811	Chloride	1575
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	General Chemistry	SM 4500-F¯ C-2011	20102414	Fluoride	1730
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	1,1,1,2-Tetrachloroethane	5105
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	1,1,1-Trichloroethane	5160
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	1,1,2,2-Tetrachloroethane	5110
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	1,1,2-Trichloroethane	5165
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	1,1-Dichloroethane	4630
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	1,1-Dichloroethylene	4640
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	1,1-Dichloropropene	4670
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	1,2,3-Trichlorobenzene	5150
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	1,2,3-Trichloropropane	5180
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	1,2,4-Trichlorobenzene	5155
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	1,2,4-Trimethylbenzene	5210
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	1,2-Dibromo-3-chloropropane	4570
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	1,2-Dibromoethane (EDB)	4585
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	1,2-Dichlorobenzene	4610
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	1,2-Dichloroethane (Ethylene)	4635
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	1,2-Dichloropropane	4655
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	1,3,5-Trimethylbenzene	5215
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	1,3-Dichlorobenzene	4615
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	1,3-Dichloropropane	4660
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	1,4-Dichlorobenzene	4620
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	2,2-Dichloropropane	4665
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	2-Butanone (Methyl ethyl ketone)	4410
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	2-Chloroethyl vinyl ether	4500
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	2-Chlorotoluene	4535
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	2-Hexanone	4860
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	4-Bromofluorobenzene	4536
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	4-Chlorotoluene	4540
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	4-Isopropyltoluene (p-Cymene)	4910
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	4-Methyl-2-pentanone (Methyl isobutyl ketone)	4995
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	Acetone	4315
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	Benzene	4375

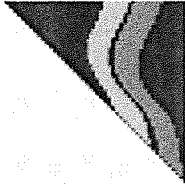
State	City	Company Name	Matrix Description	Matrix	Category	Method Name	Method Code	Analyte Name	Analyte ID
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	Bromobenzene	4385
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	Bromochloromethane	4390
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	Bromodichloromethane	4395
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	Bromoform	4400
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	Carbon disulfide	4450
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	Carbonyl tetrachloride	4455
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	Chlorobenzene	4475
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	Chlorodibromomethane	4575
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	Chloroethane (Ethyl chlo	4485
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	Chloroform	4505
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	cis- & trans-1,2-Dich	4705
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	cis-1,2-Dichloroethylene	4645
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	cis-1,3-Dichloropropene	4680
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	Dibromomethane	4595
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	Dichlorodifluoromethane	4625
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	Ethylbenzene	4765
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	Hexachlorobutadiene	4835
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	Iodomethane (Methyl io	4870
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	Isopropylbenzene	4900
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	m+p-xylene	5240
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	Methyl bromide (Bromo	4950
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	Methyl chloride (Chloro	4960
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	Methyl tert-butyl ether (5000
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	Methylene chloride (Dich	4975
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	Naphthalene	5005
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	n-Butylbenzene	4435
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	n-Propylbenzene	5090
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	o-Xylene	5250
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	sec-Butylbenzene	4440
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	Styrene	5100
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	tert-Butylbenzene	4445
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	Tetrachloroethylene (Per	5115
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	Toluene	5140
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	trans-1,2-Dichloroethyle	4700
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	trans-1,3-Dichloropropyl	4685
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	Trichloroethene (Trichlor	5170
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	Trichlorofluoromethane	5175
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	Vinyl acetate	5225
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	Vinyl chloride	5235
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8260D_4_(6/18)	10307127	Xylene (total)	5260
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	1,2,4-Trichlorobenzene	5155
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	1,2-Dichlorobenzene	4610
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	1,2-Dinitrobenzene	6155
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	1,2-Diphenylhydrazine	6220
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	1,3-Dichlorobenzene	4615
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	1,3-Dinitrobenzene (1,3-	6160
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	1,4-Dichlorobenzene	4620
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	1,4-Dinitrobenzene	6165
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	1-Methylnaphthalene	6380
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	2,3,4,6-Tetrachlorophen	6735

State	City	Company Name	Matrix Description	Matrix	Category	Method Name	Method Code	Analyte Name	Analyte ID
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	2,3,5,6-Tetrachlorophenol	6740
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	2,3-Dichloroaniline	9363
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	2,4,5-Trichlorophenol	6835
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	2,4,6-Trichlorophenol	6840
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	2,4-Dichlorophenol	6000
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	2,4-Dimethylphenol	6130
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	2,4-Dinitrophenol	6175
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	2,4-Dinitrotoluene (2,4-D)	6185
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	2,6-Dinitrotoluene (2,6-D)	6190
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	2-Chloronaphthalene	5795
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	2-Chlorophenol	5800
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	2-Methylnaphthalene	6385
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	2-Methylphenol (o-Cresol)	6400
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	2-Nitroaniline	6460
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	2-Nitrophenol	6490
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	3,3'-Dichlorobenzidine	5945
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	3-Nitroaniline	6465
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	4,6-Dinitro-2-methylphenol	6140
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	4-Bromophenyl phenylether	5660
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	4-Chloro-3-methylphenol	5700
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	4-Chloroaniline	5745
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	4-Chlorophenyl phenylether	5825
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	4-Nitroaniline	6470
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	4-Nitrophenol	6500
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Acenaphthene	5500
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Acenaphthylene	5505
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Aniline	5545
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Anthracene	5555
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Azinphos-methyl (Guthion)	7075
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Benzidine	5595
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Benzo(a)anthracene	5575
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Benzo(a)pyrene	5580
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Benzo(g,h,i)perylene	5590
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Benzo(k)fluoranthene	5600
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Benzo[b]fluoranthene	5585
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Benzoic acid	5610
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Benzyl alcohol	5630
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	bis(2-Chloroethoxy)methane	5760
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	bis(2-Chloroethyl) ether	5765
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	bis(2-Chloroisopropyl) ether	5780
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Bolstar (Sulprofos)	7125
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Butyl benzyl phthalate	5670
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Carbazole	5680
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Chlorpyrifos	7300
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Chrysenes	5855
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Coumaphos	7315
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Demeton-s	7385
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Di(2-ethylhexyl)adipate	6062
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Di(2-ethylhexyl)phthalate	6065
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Diazinon	7410

State	City	Company Name	Matrix Description	Matrix	Category	Method Name	Method Code	Analyte Name	Analyte ID
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Dibenz(a,h) anthracene	5895
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Dibenzofuran	5905
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Dichlorovos (DDVP, Dich	8610
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Diethyl phthalate	6070
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Dimethoate	7475
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Dimethyl phthalate	6135
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Di-n-butyl phthalate	5925
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Di-n-octyl phthalate	6200
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Disulfoton	8625
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	EPN	7550
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Ethoprop	7570
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Fensulfothion	7600
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Fenthion	7605
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Fluoranthene	6265
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Fluorene	6270
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Hexachlorobenzene	6275
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Hexachlorobutadiene	4835
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Hexachlorocyclopentadi	6285
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Hexachloroethane	4840
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Indeno(1,2,3-cd) pyrene	6315
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Isophorone	6320
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	m+p Cresol	WA9530
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Malathion	7770
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Merphos	7785
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Methyl parathion (Parath	7825
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Mevinphos	7850
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Monocrotophos	7880
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Naled	7905
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Naphthalene	5005
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	n-Decane	5875
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Nitrobenzene	5015
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	N-Nitrosodimethylamine	6530
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	N-Nitroso-di-n-propylam	6545
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	N-Nitrosodiphenylamine	6535
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	n-Octadecane	6580
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Parathion, ethyl	7955
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Pentachlorophenol	6605
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Phenanthrene	6615
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Phenol	6625
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Phorate	7985
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Pyrene	6665
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Pyridine	5095
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Ronnel	8110
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Sulfotepp	8155
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Tetrachlorvinphos (Stirof	8200
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Tokuthion (Prothiophos)	8245
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	EPA 8270E_6_(6/18)	10242543	Trichloronate	8275
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Mass Spectrometry	WDOE NWTPH-Gx_(1997)	90018603	Gasoline range organics	9408
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Metals	EPA 6010D_(7/14)	10155916	Aluminum	1000
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Metals	EPA 6010D_(7/14)	10155916	Antimony	1005

State	City	Company Name	Matrix Description	Matrix	Category	Method Name	Method Code	Analyte Name	Analyte ID
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Metals	EPA 7470A_1_1994	10165807	Mercury	1095
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Metals	EPA 7471B_(2/07)	10166457	Mercury	1095
WA	Redmond	OnSite Environmental, Inc.	Solid and Chemical Materials	S	Physical	EPA 1010A - 2002	10234807	Ignitability	1780

5. Inspector Certifications



ENVIRONMENTAL
MANAGEMENT
INCORPORATED

Certificate of Training

 I - 30672 - 3400
Certificate Number

This is to certify that

Raymond R. Desrochers


has satisfactorily completed 4 hours

of

EPA/AHERA Inspector Refresher

In Accordance With 40 CFR Part 763 Subpart E

Class Start Date: 4/3/2023 Class End Date: 4/3/2023


Glenn Hasburgh, IH

 4/3/2023
Exam Date

 4/3/2024
Cert. Exp. Date

 Stuart M. Jacques
Director

Environmental Management Inc. 206 E. Fireweed Lane Suite 201, Anchorage Alaska 99503 907-272-8852

ALASKA DEPARTMENT OF LABOR
Certificate of Fitness

ASBESTOS ABATEMENT

00001499



Issued
01/17/2023

Expires
01/11/2024

RAY R. DESROCHERS
PO BOX 7021Z
FAIRBANKS, AK 99707

WGT DOB
165 **04/06/1958**
300230

HGT
5'9"

RENEWAL

Dr. Tamika L. Ledbetter
Commissioner



ENVIRONMENTAL
MANAGEMENT
INCORPORATED

Certificate of Training

T - 30602 - 3400

Certificate Number

This is to certify that

Raymond R. Desrochers

has satisfactorily completed 8 hours

of

Asbestos Abatement Renewal

*In compliance with Alaska Asbestos Abatement Certification Statutes & AAC
61.600-790, & EPA/AHERA Regulation 40 CFR Part 763 Subpart E for
Supervisors & Contractors*

Class Start Date: 1/11/2023

Class End Date: 1/11/2023

1/11/2023

Exam Date

1/11/2024

Cert. Exp. Date

Stuart M. Jacques

Director

Jody Kuhns

Environmental Management Inc. 206 E. Fireweed Lane Suite 201 Anchorage Alaska 99503 907-272-8852



Certificate of Training

R - I - 28491-274

Certificate Number

Class Number: 30272



This is to certify that

Raymond Desrochers

PO Box 70212, Fairbanks, AK 99707

Has satisfactorily completed 8 hours of

EPA Lead-Paint Renovator Initial Training (English)

In Accordance with 40 CFR Part 745.225
Class Start Date: 03/23/2022 Class End Date: 03/23/2022

Glenn Hasburgh

Exam

03/23/2022 03/23/2027

Cert. Exp. Date

Director

Stuart M. Jacques

Environmental Management Inc. 206 E. Fireweed Lane Suite 201, Anchorage Alaska 99503 907-272-8852

6. Building Photographs



South End View



Northeast View of the Building



North Interior View



South Interior View



Northwest Interior View

7. Sample Location Map

TCC BADGER RD.
WAREHOUSE

