APPENDIX E
Laboratory Analytical Reports

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ANALYTICAL REPORT

PREPARED FOR

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Spokane, Washington 99201

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JOB DESCRIPTION

CVSD Gun Club

JOB NUMBER

580-145219-1

Eurofins Seattle
5755 8th Street East
Tacoma WA 98424

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

Authorization

Tracy Dutton

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Job Narrative
580-145219-1

Revision 11/12/2024

The report was revised to remove the dry weight correction for Method 6010D. This analysis was air dried before digestion so correction for moisture was not required.

The revision was also created to correct sample IDs.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/25/2024 9:50 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.1°C.

ISM Processing
All samples were processed via ISM prior to extraction and analysis. 8270E SIM was processed via ISM as received and Method 6010D was processed as dried and sieved.

GC/MS Semi VOA
Method 8270E_SIM: The following sample was diluted due to the nature of the sample matrix: C_38_1 (580-145219-10). Elevated reporting limits (RLs) are provided.

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

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

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

Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145219-1

Qualifiers

GC/MS Semi VOA

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

Glossary

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

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145219-1

Client Sample ID: CL_01_1

Date Collected: 10/22/24 10:10
Date Received: 10/25/24 09:50

Lab Sample ID: 580-145219-1

Matrix: Solid

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.0		5.7	0.47	mg/Kg		10/31/24 18:05	11/07/24 23:14	4
Lead	30		2.9	0.42	mg/Kg		10/31/24 18:05	11/07/24 23:14	4

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	96.4		0.1	0.1	%			10/30/24 14:28	1
Percent Moisture (SM22 2540G)	3.6		0.1	0.1	%			10/30/24 14:28	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145219-1

Client Sample ID: CL_02_1

Date Collected: 10/22/24 09:50
Date Received: 10/25/24 09:50

Lab Sample ID: 580-145219-2

Matrix: Solid

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.2		5.7	0.47	mg/Kg		10/31/24 13:42	11/07/24 05:17	4
Lead	57		2.8	0.42	mg/Kg		10/31/24 13:42	11/07/24 05:17	4

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	96.2		0.1	0.1	%			10/30/24 14:28	1
Percent Moisture (SM22 2540G)	3.8		0.1	0.1	%			10/30/24 14:28	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145219-1

Client Sample ID: C_56_1
Date Collected: 10/23/24 15:25
Date Received: 10/25/24 09:50

Lab Sample ID: 580-145219-3
Matrix: Solid
Percent Solids: 93.2

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0058	0.0025	mg/Kg	☼	10/31/24 12:12	11/05/24 23:59	1
2-Methylnaphthalene	ND		0.0063	0.0031	mg/Kg	☼	10/31/24 12:12	11/05/24 23:59	1
Benzo[a]anthracene	**0.010**		0.0058	0.0023	mg/Kg	☼	10/31/24 12:12	11/05/24 23:59	1
Benzo[a]pyrene	**0.019**		0.0058	0.0020	mg/Kg	☼	10/31/24 12:12	11/05/24 23:59	1
Benzo[b]fluoranthene	**0.020**		0.0053	0.0012	mg/Kg	☼	10/31/24 12:12	11/05/24 23:59	1
Benzo[k]fluoranthene	**0.0090**		0.0058	0.0018	mg/Kg	☼	10/31/24 12:12	11/05/24 23:59	1
Chrysene	**0.015**		0.0053	0.0016	mg/Kg	☼	10/31/24 12:12	11/05/24 23:59	1
Dibenz(a,h)anthracene	**0.0039**	**J**	0.0058	0.00076	mg/Kg	☼	10/31/24 12:12	11/05/24 23:59	1
Indeno[1,2,3-cd]pyrene	**0.0095**		0.0058	0.0023	mg/Kg	☼	10/31/24 12:12	11/05/24 23:59	1
Naphthalene	ND		0.0053	0.0017	mg/Kg	☼	10/31/24 12:12	11/05/24 23:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*102*		*57 - 145*	*10/31/24 12:12*	*11/05/24 23:59*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**15**		5.7	0.47	mg/Kg		10/31/24 13:42	11/07/24 05:20	4
Lead	**800**		2.9	0.42	mg/Kg		10/31/24 13:42	11/07/24 05:20	4

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**93.2**		0.1	0.1	%			10/30/24 14:28	1
Percent Moisture (SM22 2540G)	**6.8**		0.1	0.1	%			10/30/24 14:28	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145219-1

Client Sample ID: C_69_1
Date Collected: 10/23/24 16:00
Date Received: 10/25/24 09:50

Lab Sample ID: 580-145219-4
Matrix: Solid
Percent Solids: 95.7

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0055	0.0024	mg/Kg	☼	10/31/24 12:12	11/06/24 00:20	1
2-Methylnaphthalene	ND		0.0060	0.0029	mg/Kg	☼	10/31/24 12:12	11/06/24 00:20	1
Benzo[a]anthracene	**0.058**		0.0055	0.0022	mg/Kg	☼	10/31/24 12:12	11/06/24 00:20	1
Benzo[a]pyrene	**0.10**		0.0055	0.0019	mg/Kg	☼	10/31/24 12:12	11/06/24 00:20	1
Benzo[b]fluoranthene	**0.12**		0.0050	0.0012	mg/Kg	☼	10/31/24 12:12	11/06/24 00:20	1
Benzo[k]fluoranthene	**0.042**		0.0055	0.0017	mg/Kg	☼	10/31/24 12:12	11/06/24 00:20	1
Chrysene	**0.078**		0.0050	0.0015	mg/Kg	☼	10/31/24 12:12	11/06/24 00:20	1
Dibenz(a,h)anthracene	**0.018**		0.0055	0.00071	mg/Kg	☼	10/31/24 12:12	11/06/24 00:20	1
Indeno[1,2,3-cd]pyrene	**0.053**		0.0055	0.0022	mg/Kg	☼	10/31/24 12:12	11/06/24 00:20	1
Naphthalene	ND		0.0050	0.0016	mg/Kg	☼	10/31/24 12:12	11/06/24 00:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*107*		*57 - 145*	*10/31/24 12:12*	*11/06/24 00:20*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		5.6	0.46	mg/Kg		10/31/24 18:05	11/07/24 23:31	4
Lead	**420**		2.8	0.41	mg/Kg		10/31/24 18:05	11/07/24 23:31	4

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**95.7**		0.1	0.1	%			10/30/24 14:28	1
Percent Moisture (SM22 2540G)	**4.3**		0.1	0.1	%			10/30/24 14:28	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145219-1

Client Sample ID: C_43_1
Date Collected: 10/23/24 15:40
Date Received: 10/25/24 09:50

Lab Sample ID: 580-145219-5
Matrix: Solid
Percent Solids: 96.2

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0056	0.0024	mg/Kg	☼	10/31/24 12:12	11/06/24 00:41	1
2-Methylnaphthalene	ND		0.0061	0.0030	mg/Kg	☼	10/31/24 12:12	11/06/24 00:41	1
Benzo[a]anthracene	**0.024**		0.0056	0.0023	mg/Kg	☼	10/31/24 12:12	11/06/24 00:41	1
Benzo[a]pyrene	**0.039**		0.0056	0.0020	mg/Kg	☼	10/31/24 12:12	11/06/24 00:41	1
Benzo[b]fluoranthene	**0.044**		0.0051	0.0012	mg/Kg	☼	10/31/24 12:12	11/06/24 00:41	1
Benzo[k]fluoranthene	**0.018**		0.0056	0.0018	mg/Kg	☼	10/31/24 12:12	11/06/24 00:41	1
Chrysene	**0.029**		0.0051	0.0015	mg/Kg	☼	10/31/24 12:12	11/06/24 00:41	1
Dibenz(a,h)anthracene	**0.0062**		0.0056	0.00074	mg/Kg	☼	10/31/24 12:12	11/06/24 00:41	1
Indeno[1,2,3-cd]pyrene	**0.020**		0.0056	0.0022	mg/Kg	☼	10/31/24 12:12	11/06/24 00:41	1
Naphthalene	ND		0.0051	0.0017	mg/Kg	☼	10/31/24 12:12	11/06/24 00:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*107*		*57 - 145*	*10/31/24 12:12*	*11/06/24 00:41*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**10**		5.7	0.47	mg/Kg		10/31/24 18:05	11/07/24 23:35	4
Lead	**160**		2.9	0.42	mg/Kg		10/31/24 18:05	11/07/24 23:35	4

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**96.2**		0.1	0.1	%			10/30/24 14:28	1
Percent Moisture (SM22 2540G)	**3.8**		0.1	0.1	%			10/30/24 14:28	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145219-1

Client Sample ID: CL_63_1
Date Collected: 10/23/24 14:40
Date Received: 10/25/24 09:50

Lab Sample ID: 580-145219-6
Matrix: Solid
Percent Solids: 85.9

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0059	0.0026	mg/Kg	☼	10/31/24 12:12	11/06/24 01:02	1
2-Methylnaphthalene	ND		0.0065	0.0032	mg/Kg	☼	10/31/24 12:12	11/06/24 01:02	1
Benzo[a]anthracene	**0.0044**	**J**	0.0059	0.0024	mg/Kg	☼	10/31/24 12:12	11/06/24 01:02	1
Benzo[a]pyrene	**0.0061**		0.0059	0.0021	mg/Kg	☼	10/31/24 12:12	11/06/24 01:02	1
Benzo[b]fluoranthene	**0.0066**		0.0054	0.0012	mg/Kg	☼	10/31/24 12:12	11/06/24 01:02	1
Benzo[k]fluoranthene	ND		0.0059	0.0019	mg/Kg	☼	10/31/24 12:12	11/06/24 01:02	1
Chrysene	**0.0052**	**J**	0.0054	0.0016	mg/Kg	☼	10/31/24 12:12	11/06/24 01:02	1
Dibenz(a,h)anthracene	ND		0.0059	0.00077	mg/Kg	☼	10/31/24 12:12	11/06/24 01:02	1
Indeno[1,2,3-cd]pyrene	**0.0026**	**J**	0.0059	0.0024	mg/Kg	☼	10/31/24 12:12	11/06/24 01:02	1
Naphthalene	ND		0.0054	0.0017	mg/Kg	☼	10/31/24 12:12	11/06/24 01:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*103*		*57 - 145*	*10/31/24 12:12*	*11/06/24 01:02*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.7**		5.5	0.46	mg/Kg		10/31/24 18:05	11/07/24 23:38	4
Lead	**170**		2.8	0.41	mg/Kg		10/31/24 18:05	11/07/24 23:38	4

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**85.9**		0.1	0.1	%			10/30/24 14:28	1
Percent Moisture (SM22 2540G)	**14.1**		0.1	0.1	%			10/30/24 14:28	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145219-1

Client Sample ID: C_74_1

Date Collected: 10/23/24 15:00
Date Received: 10/25/24 09:50

Lab Sample ID: 580-145219-7

Matrix: Solid

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11		5.7	0.47	mg/Kg		10/31/24 18:05	11/07/24 23:42	4
Lead	290		2.9	0.42	mg/Kg		10/31/24 18:05	11/07/24 23:42	4

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	95.9		0.1	0.1	%			10/30/24 14:28	1
Percent Moisture (SM22 2540G)	4.1		0.1	0.1	%			10/30/24 14:28	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145219-1

Client Sample ID: C_31_1
Date Collected: 10/24/24 09:10
Date Received: 10/25/24 09:50

Lab Sample ID: 580-145219-8
Matrix: Solid
Percent Solids: 90.4

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0057	0.0025	mg/Kg	☼	11/05/24 14:20	11/06/24 20:29	1
2-Methylnaphthalene	ND		0.0062	0.0030	mg/Kg	☼	11/05/24 14:20	11/06/24 20:29	1
Benzo[a]anthracene	**0.0036**	**J**	0.0057	0.0023	mg/Kg	☼	11/05/24 14:20	11/06/24 20:29	1
Benzo[a]pyrene	**0.0044**	**J**	0.0057	0.0020	mg/Kg	☼	11/05/24 14:20	11/06/24 20:29	1
Benzo[b]fluoranthene	**0.0048**	**J**	0.0052	0.0012	mg/Kg	☼	11/05/24 14:20	11/06/24 20:29	1
Benzo[k]fluoranthene	ND		0.0057	0.0018	mg/Kg	☼	11/05/24 14:20	11/06/24 20:29	1
Chrysene	**0.0038**	**J**	0.0052	0.0016	mg/Kg	☼	11/05/24 14:20	11/06/24 20:29	1
Dibenz(a,h)anthracene	ND		0.0057	0.00074	mg/Kg	☼	11/05/24 14:20	11/06/24 20:29	1
Indeno[1,2,3-cd]pyrene	**0.0028**	**J**	0.0057	0.0023	mg/Kg	☼	11/05/24 14:20	11/06/24 20:29	1
Naphthalene	**0.0018**	**J**	0.0052	0.0017	mg/Kg	☼	11/05/24 14:20	11/06/24 20:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*101*		*57 - 145*	*11/05/24 14:20*	*11/06/24 20:29*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**18**		6.0	0.49	mg/Kg		10/31/24 18:05	11/07/24 23:54	4
Lead	**980**		3.0	0.44	mg/Kg		10/31/24 18:05	11/07/24 23:54	4

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**90.4**		0.1	0.1	%			10/30/24 14:28	1
Percent Moisture (SM22 2540G)	**9.6**		0.1	0.1	%			10/30/24 14:28	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145219-1

Client Sample ID: C_37_1
Date Collected: 10/24/24 08:20
Date Received: 10/25/24 09:50

Lab Sample ID: 580-145219-9
Matrix: Solid
Percent Solids: 94.0

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0054	0.0023	mg/Kg	☼	11/05/24 14:20	11/06/24 20:50	1
2-Methylnaphthalene	ND		0.0059	0.0029	mg/Kg	☼	11/05/24 14:20	11/06/24 20:50	1
Benzo[a]anthracene	**0.089**		0.0054	0.0022	mg/Kg	☼	11/05/24 14:20	11/06/24 20:50	1
Benzo[a]pyrene	**0.15**		0.0054	0.0019	mg/Kg	☼	11/05/24 14:20	11/06/24 20:50	1
Benzo[b]fluoranthene	**0.11**		0.0049	0.0011	mg/Kg	☼	11/05/24 14:20	11/06/24 20:50	1
Benzo[k]fluoranthene	**0.049**		0.0054	0.0017	mg/Kg	☼	11/05/24 14:20	11/06/24 20:50	1
Chrysene	**0.12**		0.0049	0.0015	mg/Kg	☼	11/05/24 14:20	11/06/24 20:50	1
Dibenz(a,h)anthracene	**0.028**		0.0054	0.00070	mg/Kg	☼	11/05/24 14:20	11/06/24 20:50	1
Indeno[1,2,3-cd]pyrene	**0.056**		0.0054	0.0021	mg/Kg	☼	11/05/24 14:20	11/06/24 20:50	1
Naphthalene	**0.0026**	**J**	0.0049	0.0016	mg/Kg	☼	11/05/24 14:20	11/06/24 20:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*101*		*57 - 145*	*11/05/24 14:20*	*11/06/24 20:50*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		5.7	0.47	mg/Kg		10/31/24 18:05	11/07/24 23:58	4
Lead	**460**		2.9	0.42	mg/Kg		10/31/24 18:05	11/07/24 23:58	4

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**94.0**		0.1	0.1	%			10/30/24 14:28	1
Percent Moisture (SM22 2540G)	**6.0**		0.1	0.1	%			10/30/24 14:28	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145219-1

Client Sample ID: C_38_1
Date Collected: 10/24/24 08:50
Date Received: 10/25/24 09:50

Lab Sample ID: 580-145219-10
Matrix: Solid
Percent Solids: 95.1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.057	0.025	mg/Kg	☼	11/05/24 14:20	11/06/24 21:11	10
2-Methylnaphthalene	ND		0.062	0.030	mg/Kg	☼	11/05/24 14:20	11/06/24 21:11	10
Benzo[a]anthracene	**1.6**		0.057	0.023	mg/Kg	☼	11/05/24 14:20	11/06/24 21:11	10
Benzo[a]pyrene	**2.6**		0.057	0.020	mg/Kg	☼	11/05/24 14:20	11/06/24 21:11	10
Benzo[b]fluoranthene	**0.88**		0.052	0.012	mg/Kg	☼	11/05/24 14:20	11/06/24 21:11	10
Benzo[k]fluoranthene	**0.19**		0.057	0.018	mg/Kg	☼	11/05/24 14:20	11/06/24 21:11	10
Chrysene	**2.7**		0.052	0.015	mg/Kg	☼	11/05/24 14:20	11/06/24 21:11	10
Dibenz(a,h)anthracene	**0.29**		0.057	0.0074	mg/Kg	☼	11/05/24 14:20	11/06/24 21:11	10
Indeno[1,2,3-cd]pyrene	**0.36**		0.057	0.023	mg/Kg	☼	11/05/24 14:20	11/06/24 21:11	10
Naphthalene	ND		0.052	0.017	mg/Kg	☼	11/05/24 14:20	11/06/24 21:11	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*106*		*57 - 145*	*11/05/24 14:20*	*11/06/24 21:11*	*10*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**20**		5.6	0.46	mg/Kg		10/31/24 18:05	11/08/24 00:01	4
Lead	**1400**		2.8	0.41	mg/Kg		10/31/24 18:05	11/08/24 00:01	4

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**95.1**		0.1	0.1	%			10/30/24 14:28	1
Percent Moisture (SM22 2540G)	**4.9**		0.1	0.1	%			10/30/24 14:28	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145219-1

Client Sample ID: C_51_2
Date Collected: 10/24/24 09:30
Date Received: 10/25/24 09:50

Lab Sample ID: 580-145219-11
Matrix: Solid
Percent Solids: 95.5

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0057	0.0025	mg/Kg	☼	11/05/24 14:20	11/06/24 21:32	1
2-Methylnaphthalene	ND		0.0063	0.0031	mg/Kg	☼	11/05/24 14:20	11/06/24 21:32	1
Benzo[a]anthracene	**0.0048**	**J**	0.0057	0.0023	mg/Kg	☼	11/05/24 14:20	11/06/24 21:32	1
Benzo[a]pyrene	**0.0069**		0.0057	0.0020	mg/Kg	☼	11/05/24 14:20	11/06/24 21:32	1
Benzo[b]fluoranthene	**0.0066**		0.0052	0.0012	mg/Kg	☼	11/05/24 14:20	11/06/24 21:32	1
Benzo[k]fluoranthene	**0.0033**	**J**	0.0057	0.0018	mg/Kg	☼	11/05/24 14:20	11/06/24 21:32	1
Chrysene	**0.0062**		0.0052	0.0016	mg/Kg	☼	11/05/24 14:20	11/06/24 21:32	1
Dibenz(a,h)anthracene	ND		0.0057	0.00075	mg/Kg	☼	11/05/24 14:20	11/06/24 21:32	1
Indeno[1,2,3-cd]pyrene	**0.0034**	**J**	0.0057	0.0023	mg/Kg	☼	11/05/24 14:20	11/06/24 21:32	1
Naphthalene	ND		0.0052	0.0017	mg/Kg	☼	11/05/24 14:20	11/06/24 21:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*102*		*57 - 145*	*11/05/24 14:20*	*11/06/24 21:32*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**8.3**		5.9	0.49	mg/Kg		10/31/24 18:05	11/08/24 00:05	4
Lead	**75**		3.0	0.44	mg/Kg		10/31/24 18:05	11/08/24 00:05	4

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**95.5**		0.1	0.1	%			10/30/24 14:28	1
Percent Moisture (SM22 2540G)	**4.5**		0.1	0.1	%			10/30/24 14:28	1

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

Lab Sample ID: MB 580-476481/1-A
Matrix: Solid
Analysis Batch: 476867

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 476481

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0055	0.0024	mg/Kg		10/31/24 12:12	11/05/24 18:04	1
2-Methylnaphthalene	ND		0.0060	0.0030	mg/Kg		10/31/24 12:12	11/05/24 18:04	1
Benzo[a]anthracene	ND		0.0055	0.0022	mg/Kg		10/31/24 12:12	11/05/24 18:04	1
Benzo[a]pyrene	ND		0.0055	0.0019	mg/Kg		10/31/24 12:12	11/05/24 18:04	1
Benzo[b]fluoranthene	ND		0.0050	0.0012	mg/Kg		10/31/24 12:12	11/05/24 18:04	1
Benzo[k]fluoranthene	ND		0.0055	0.0017	mg/Kg		10/31/24 12:12	11/05/24 18:04	1
Chrysene	ND		0.0050	0.0015	mg/Kg		10/31/24 12:12	11/05/24 18:04	1
Dibenz(a,h)anthracene	ND		0.0055	0.00072	mg/Kg		10/31/24 12:12	11/05/24 18:04	1
Indeno[1,2,3-cd]pyrene	ND		0.0055	0.0022	mg/Kg		10/31/24 12:12	11/05/24 18:04	1
Naphthalene	ND		0.0050	0.0016	mg/Kg		10/31/24 12:12	11/05/24 18:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*103*		*57 - 145*	*10/31/24 12:12*	*11/05/24 18:04*	*1*

Lab Sample ID: LCS 580-476481/2-A
Matrix: Solid
Analysis Batch: 476867

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 476481

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	2.00	1.88		mg/Kg		94	64 - 120
2-Methylnaphthalene	2.00	1.90		mg/Kg		95	64 - 120
Benzo[a]anthracene	2.00	2.01		mg/Kg		101	66 - 127
Benzo[a]pyrene	2.00	2.16		mg/Kg		108	66 - 124
Benzo[b]fluoranthene	2.00	2.11		mg/Kg		106	54 - 122
Benzo[g,h,i]perylene	2.00	1.96		mg/Kg		98	61 - 128
Benzo[k]fluoranthene	2.00	2.16		mg/Kg		108	51 - 131
Chrysene	2.00	1.93		mg/Kg		97	57 - 128
Dibenz(a,h)anthracene	2.00	2.02		mg/Kg		101	64 - 133
Indeno[1,2,3-cd]pyrene	2.00	2.10		mg/Kg		105	63 - 132
Naphthalene	2.00	1.86		mg/Kg		93	65 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14	*105*		*57 - 145*

Lab Sample ID: MB 580-476901/1-A
Matrix: Solid
Analysis Batch: 477014

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 476901

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0055	0.0024	mg/Kg		11/05/24 14:20	11/06/24 16:18	1
2-Methylnaphthalene	ND		0.0060	0.0030	mg/Kg		11/05/24 14:20	11/06/24 16:18	1
Benzo[a]anthracene	ND		0.0055	0.0022	mg/Kg		11/05/24 14:20	11/06/24 16:18	1
Benzo[a]pyrene	ND		0.0055	0.0019	mg/Kg		11/05/24 14:20	11/06/24 16:18	1
Benzo[b]fluoranthene	ND		0.0050	0.0012	mg/Kg		11/05/24 14:20	11/06/24 16:18	1
Benzo[k]fluoranthene	ND		0.0055	0.0017	mg/Kg		11/05/24 14:20	11/06/24 16:18	1
Chrysene	ND		0.0050	0.0015	mg/Kg		11/05/24 14:20	11/06/24 16:18	1
Dibenz(a,h)anthracene	ND		0.0055	0.00072	mg/Kg		11/05/24 14:20	11/06/24 16:18	1
Indeno[1,2,3-cd]pyrene	ND		0.0055	0.0022	mg/Kg		11/05/24 14:20	11/06/24 16:18	1

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

Lab Sample ID: MB 580-476901/1-A
Matrix: Solid
Analysis Batch: 477014

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 476901

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.0050	0.0016	mg/Kg		11/05/24 14:20	11/06/24 16:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*106*		*57 - 145*	*11/05/24 14:20*	*11/06/24 16:18*	*1*

Lab Sample ID: LCS 580-476901/2-A
Matrix: Solid
Analysis Batch: 477014

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 476901

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	2.00	1.69		mg/Kg		84	64 - 120
2-Methylnaphthalene	2.00	1.69		mg/Kg		84	64 - 120
Benzo[a]anthracene	2.00	1.80		mg/Kg		90	66 - 127
Benzo[a]pyrene	2.00	1.94		mg/Kg		97	66 - 124
Benzo[b]fluoranthene	2.00	2.01		mg/Kg		101	54 - 122
Benzo[g,h,i]perylene	2.00	1.73		mg/Kg		87	61 - 128
Benzo[k]fluoranthene	2.00	1.89		mg/Kg		94	51 - 131
Chrysene	2.00	1.70		mg/Kg		85	57 - 128
Dibenz(a,h)anthracene	2.00	1.78		mg/Kg		89	64 - 133
Indeno[1,2,3-cd]pyrene	2.00	1.86		mg/Kg		93	63 - 132
Naphthalene	2.00	1.69		mg/Kg		85	65 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14	*104*		*57 - 145*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 580-476488/15-A
Matrix: Solid
Analysis Batch: 477188

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 476488

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.12	mg/Kg		10/31/24 13:42	11/07/24 03:54	1
Lead	ND		0.75	0.11	mg/Kg		10/31/24 13:42	11/07/24 03:54	1

Lab Sample ID: LCS 580-476488/16-A
Matrix: Solid
Analysis Batch: 477188

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 476488

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	25.0	23.1		mg/Kg		93	80 - 120
Lead	25.0	23.0		mg/Kg		92	80 - 120

Lab Sample ID: MB 580-476526/17-A
Matrix: Solid
Analysis Batch: 477329

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 476526

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.12	mg/Kg		10/31/24 18:05	11/07/24 22:59	1

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

Lab Sample ID: MB 580-476526/17-A
Matrix: Solid
Analysis Batch: 477329

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 476526

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.75	0.11	mg/Kg		10/31/24 18:05	11/07/24 22:59	1

Lab Sample ID: LCS 580-476526/18-A
Matrix: Solid
Analysis Batch: 477329

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 476526

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			25.0	22.6		mg/Kg		90	80 - 120		
Lead			25.0	24.2		mg/Kg		97	80 - 120		

Lab Sample ID: 580-145219-1 MS
Matrix: Solid
Analysis Batch: 477329

Client Sample ID: CL_01_1
Prep Type: Total/NA
Prep Batch: 476526

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic	9.0		24.0	31.0		mg/Kg		91	80 - 120		
Lead	30		24.0	51.6		mg/Kg		91	80 - 120		

Lab Sample ID: 580-145219-1 MSD
Matrix: Solid
Analysis Batch: 477329

Client Sample ID: CL_01_1
Prep Type: Total/NA
Prep Batch: 476526

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	9.0		23.7	29.7		mg/Kg		87	80 - 120	4	20
Lead	30		23.7	51.8		mg/Kg		93	80 - 120	0	20

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145219-1

Client Sample ID: CL_01_1
Date Collected: 10/22/24 10:10
Date Received: 10/25/24 09:50

Lab Sample ID: 580-145219-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476286	MJ	EET SEA	10/30/24 08:52
Total/NA	Prep	3050B			476526		EET SEA	10/31/24 18:05
Total/NA	Analysis	6010D		4	477329	JLS	EET SEA	11/07/24 23:14
Total/NA	ISM Prep	Increment, prep			476182	MJ	EET SEA	10/29/24 10:27
Total/NA	Analysis	2540G		1	476376	SCS	EET SEA	10/30/24 14:28

Client Sample ID: CL_02_1
Date Collected: 10/22/24 09:50
Date Received: 10/25/24 09:50

Lab Sample ID: 580-145219-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476286	MJ	EET SEA	10/30/24 08:52
Total/NA	Prep	3050B			476488		EET SEA	10/31/24 13:42
Total/NA	Analysis	6010D		4	477188	JLS	EET SEA	11/07/24 05:17
Total/NA	ISM Prep	Increment, prep			476182	MJ	EET SEA	10/29/24 10:27
Total/NA	Analysis	2540G		1	476376	SCS	EET SEA	10/30/24 14:28

Client Sample ID: C_56_1
Date Collected: 10/23/24 15:25
Date Received: 10/25/24 09:50

Lab Sample ID: 580-145219-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476286	MJ	EET SEA	10/30/24 08:52
Total/NA	Prep	3050B			476488		EET SEA	10/31/24 13:42
Total/NA	Analysis	6010D		4	477188	JLS	EET SEA	11/07/24 05:20
Total/NA	ISM Prep	Increment, prep			476182	MJ	EET SEA	10/29/24 10:27
Total/NA	Analysis	2540G		1	476376	SCS	EET SEA	10/30/24 14:28

Client Sample ID: C_56_1
Date Collected: 10/23/24 15:25
Date Received: 10/25/24 09:50

Lab Sample ID: 580-145219-3
Matrix: Solid
Percent Solids: 93.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476182	MJ	EET SEA	10/29/24 10:27
Total/NA	Prep	3546			476481	TOA	EET SEA	10/31/24 12:12
Total/NA	Analysis	8270E SIM		1	476867	T1L	EET SEA	11/05/24 23:59

Client Sample ID: C_69_1
Date Collected: 10/23/24 16:00
Date Received: 10/25/24 09:50

Lab Sample ID: 580-145219-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476286	MJ	EET SEA	10/30/24 08:52
Total/NA	Prep	3050B			476526		EET SEA	10/31/24 18:05
Total/NA	Analysis	6010D		4	477329	JLS	EET SEA	11/07/24 23:31

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145219-1

Client Sample ID: C_69_1
Date Collected: 10/23/24 16:00
Date Received: 10/25/24 09:50

Lab Sample ID: 580-145219-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476182	MJ	EET SEA	10/29/24 10:27
Total/NA	Analysis	2540G		1	476376	SCS	EET SEA	10/30/24 14:28

Client Sample ID: C_69_1
Date Collected: 10/23/24 16:00
Date Received: 10/25/24 09:50

Lab Sample ID: 580-145219-4
Matrix: Solid
Percent Solids: 95.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476182	MJ	EET SEA	10/29/24 10:27
Total/NA	Prep	3546			476481	TOA	EET SEA	10/31/24 12:12
Total/NA	Analysis	8270E SIM		1	476867	T1L	EET SEA	11/06/24 00:20

Client Sample ID: C_43_1
Date Collected: 10/23/24 15:40
Date Received: 10/25/24 09:50

Lab Sample ID: 580-145219-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476286	MJ	EET SEA	10/30/24 08:52
Total/NA	Prep	3050B			476526		EET SEA	10/31/24 18:05
Total/NA	Analysis	6010D		4	477329	JLS	EET SEA	11/07/24 23:35
Total/NA	ISM Prep	Increment, prep			476182	MJ	EET SEA	10/29/24 10:27
Total/NA	Analysis	2540G		1	476376	SCS	EET SEA	10/30/24 14:28

Client Sample ID: C_43_1
Date Collected: 10/23/24 15:40
Date Received: 10/25/24 09:50

Lab Sample ID: 580-145219-5
Matrix: Solid
Percent Solids: 96.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476182	MJ	EET SEA	10/29/24 10:27
Total/NA	Prep	3546			476481	TOA	EET SEA	10/31/24 12:12
Total/NA	Analysis	8270E SIM		1	476867	T1L	EET SEA	11/06/24 00:41

Client Sample ID: CL_63_1
Date Collected: 10/23/24 14:40
Date Received: 10/25/24 09:50

Lab Sample ID: 580-145219-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476286	MJ	EET SEA	10/30/24 08:52
Total/NA	Prep	3050B			476526		EET SEA	10/31/24 18:05
Total/NA	Analysis	6010D		4	477329	JLS	EET SEA	11/07/24 23:38
Total/NA	ISM Prep	Increment, prep			476182	MJ	EET SEA	10/29/24 10:27
Total/NA	Analysis	2540G		1	476376	SCS	EET SEA	10/30/24 14:28

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145219-1

Client Sample ID: CL_63_1
Date Collected: 10/23/24 14:40
Date Received: 10/25/24 09:50

Lab Sample ID: 580-145219-6
Matrix: Solid
Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476182	MJ	EET SEA	10/29/24 10:27
Total/NA	Prep	3546			476481	TOA	EET SEA	10/31/24 12:12
Total/NA	Analysis	8270E SIM		1	476867	T1L	EET SEA	11/06/24 01:02

Client Sample ID: C_74_1
Date Collected: 10/23/24 15:00
Date Received: 10/25/24 09:50

Lab Sample ID: 580-145219-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476286	MJ	EET SEA	10/30/24 08:52
Total/NA	Prep	3050B			476526		EET SEA	10/31/24 18:05
Total/NA	Analysis	6010D		4	477329	JLS	EET SEA	11/07/24 23:42
Total/NA	ISM Prep	Increment, prep			476182	MJ	EET SEA	10/29/24 10:27
Total/NA	Analysis	2540G		1	476376	SCS	EET SEA	10/30/24 14:28

Client Sample ID: C_31_1
Date Collected: 10/24/24 09:10
Date Received: 10/25/24 09:50

Lab Sample ID: 580-145219-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476286	MJ	EET SEA	10/30/24 08:52
Total/NA	Prep	3050B			476526		EET SEA	10/31/24 18:05
Total/NA	Analysis	6010D		4	477329	JLS	EET SEA	11/07/24 23:54
Total/NA	ISM Prep	Increment, prep			476182	MJ	EET SEA	10/29/24 10:27
Total/NA	Analysis	2540G		1	476376	SCS	EET SEA	10/30/24 14:28

Client Sample ID: C_31_1
Date Collected: 10/24/24 09:10
Date Received: 10/25/24 09:50

Lab Sample ID: 580-145219-8
Matrix: Solid
Percent Solids: 90.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476182	MJ	EET SEA	10/29/24 10:27
Total/NA	Prep	3546			476901	TOA	EET SEA	11/05/24 14:20
Total/NA	Analysis	8270E SIM		1	477014	K1K	EET SEA	11/06/24 20:29

Client Sample ID: C_37_1
Date Collected: 10/24/24 08:20
Date Received: 10/25/24 09:50

Lab Sample ID: 580-145219-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476286	MJ	EET SEA	10/30/24 08:52
Total/NA	Prep	3050B			476526		EET SEA	10/31/24 18:05
Total/NA	Analysis	6010D		4	477329	JLS	EET SEA	11/07/24 23:58
Total/NA	ISM Prep	Increment, prep			476182	MJ	EET SEA	10/29/24 10:27
Total/NA	Analysis	2540G		1	476376	SCS	EET SEA	10/30/24 14:28

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145219-1

Client Sample ID: C_37_1
Date Collected: 10/24/24 08:20
Date Received: 10/25/24 09:50

Lab Sample ID: 580-145219-9
Matrix: Solid
Percent Solids: 94.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476182	MJ	EET SEA	10/29/24 10:27
Total/NA	Prep	3546			476901	TOA	EET SEA	11/05/24 14:20
Total/NA	Analysis	8270E SIM		1	477014	K1K	EET SEA	11/06/24 20:50

Client Sample ID: C_38_1
Date Collected: 10/24/24 08:50
Date Received: 10/25/24 09:50

Lab Sample ID: 580-145219-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476286	MJ	EET SEA	10/30/24 08:52
Total/NA	Prep	3050B			476526		EET SEA	10/31/24 18:05
Total/NA	Analysis	6010D		4	477329	JLS	EET SEA	11/08/24 00:01
Total/NA	ISM Prep	Increment, prep			476182	MJ	EET SEA	10/29/24 10:27
Total/NA	Analysis	2540G		1	476376	SCS	EET SEA	10/30/24 14:28

Client Sample ID: C_38_1
Date Collected: 10/24/24 08:50
Date Received: 10/25/24 09:50

Lab Sample ID: 580-145219-10
Matrix: Solid
Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476182	MJ	EET SEA	10/29/24 10:27
Total/NA	Prep	3546			476901	TOA	EET SEA	11/05/24 14:20
Total/NA	Analysis	8270E SIM		10	477014	K1K	EET SEA	11/06/24 21:11

Client Sample ID: C_51_2
Date Collected: 10/24/24 09:30
Date Received: 10/25/24 09:50

Lab Sample ID: 580-145219-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476286	MJ	EET SEA	10/30/24 08:52
Total/NA	Prep	3050B			476526		EET SEA	10/31/24 18:05
Total/NA	Analysis	6010D		4	477329	JLS	EET SEA	11/08/24 00:05
Total/NA	ISM Prep	Increment, prep			476182	MJ	EET SEA	10/29/24 10:27
Total/NA	Analysis	2540G		1	476376	SCS	EET SEA	10/30/24 14:28

Client Sample ID: C_51_2
Date Collected: 10/24/24 09:30
Date Received: 10/25/24 09:50

Lab Sample ID: 580-145219-11
Matrix: Solid
Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476182	MJ	EET SEA	10/29/24 10:27
Total/NA	Prep	3546			476901	TOA	EET SEA	11/05/24 14:20
Total/NA	Analysis	8270E SIM		1	477014	K1K	EET SEA	11/06/24 21:32

Laboratory References:
EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145219-1

Laboratory: Eurofins Seattle

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C788-24	07-13-25

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

Analysis Method	Prep Method	Matrix	Analyte
2540G		Solid	Percent Solids

Sample Summary

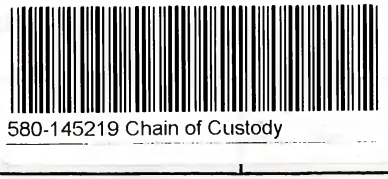
Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145219-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-145219-1	CL_01_1	Solid	10/22/24 10:10	10/25/24 09:50
580-145219-2	CL_02_1	Solid	10/22/24 09:50	10/25/24 09:50
580-145219-3	C_56_1	Solid	10/23/24 15:25	10/25/24 09:50
580-145219-4	C_69_1	Solid	10/23/24 16:00	10/25/24 09:50
580-145219-5	C_43_1	Solid	10/23/24 15:40	10/25/24 09:50
580-145219-6	CL_63_1	Solid	10/23/24 14:40	10/25/24 09:50
580-145219-7	C_74_1	Solid	10/23/24 15:00	10/25/24 09:50
580-145219-8	C_31_1	Solid	10/24/24 09:10	10/25/24 09:50
580-145219-9	C_37_1	Solid	10/24/24 08:20	10/25/24 09:50
580-145219-10	C_38_1	Solid	10/24/24 08:50	10/25/24 09:50
580-145219-11	C_51_2	Solid	10/24/24 09:30	10/25/24 09:50

Eurofins Environmental Testing Northwest, LLC
5755 8th Street East
Tacoma, WA 98424

Chain of Custody Record



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Client Information	Sampler: Bmo	Lab PM:	COC No: 1
Client Contact: Breeyn Greer	Phone: (612 232 7343	E-Mail:	Page: Page 1 of 1
Company: Haley & Aldrich	PWSID:		Job #:
Address: 505 W Riverside Ave	Due Date Requested: 11/6/24	Analysis Requested	Preservation Codes:
City: Spokane WA 99201	TAT Requested (days): Standard (10-day)		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip:	Compliance Project: Δ Yes Δ No		
Phone: (612 232 7343	PO #: Purchase Order not required		
Email: bgreer@haleyaldrich.com	WO #:		Other:
Project Name: CUSD Gun Club	Project #: 0202349		
Site: 0202349	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Pb, As by EPA 6010 or 6020	CPAHs Project Specific List	Rush! Results by 11/1/24	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
CL-01-0.5 BG : CL-01-1	10/22/24	1010	C	Soil		X		X		ISM Processing Rush!
CL-02-0.5 BG : CL-02-1	10/22/24	0950	C			X		X		ISM Processing Rush!
C-56-1	10/23/24	1525	C			X	X			ISM
C-69-1	10/23/24	1600	C			X	X			ISM
C-43-1	10/23/24	1540	C			X	X			ISM
CL-63-1	10/23/24	1440	C			X				ISM
C-74-1	10/23/24	1500	C			X	X			ISM
C-31-1	10/24/24	0910	C			X	X			ISM
C-37-1	10/24/24	0820	C			X	X			ISM
C-38-1	10/24/24	0850	C			X	X			ISM
C-51-2	10/24/24	0930	C			X	X			ISM

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☒ Archive For X (1) Months

Deliverable Requested: I, II, III, IV, Other (specify) EDD + PDF

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Breeyn	10/24/24 1430	HA	[illegible]	10/25/24 0950	EETN
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: A3 2.1/1.7 LB/None/Wet/UPS NDA

Ver: 01/16/2019

11/12/2024 (Rev. 1)

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 580-145219-1

Login Number: 145219
List Number: 1
Creator: Prigge, Madison

List Source: Eurofins Seattle

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Breeyn Greer
Haley & Aldrich, Inc.
505 W Riverside Ave
Suite 450
Spokane, Washington 99201

Generated 11/15/2024 5:38:34 PM Revision 1

JOB DESCRIPTION

CVSD Gun Club

JOB NUMBER

580-145443-1

Eurofins Seattle
5755 8th Street East
Tacoma WA 98424

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

Authorization

Tracy Dutton

Generated
11/15/2024 5:38:34 PM
Revision 1

Authorized for release by
Tracy Dutton, Client Relations Manager
Tracy.Dutton@et.eurofinsus.com
(253)248-4970

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Job Narrative
580-145443-1

Revision 11/15/2024

The report was revised to add Chrysene to the reporting list for Method 8270E SIM. This analyte was accidentally not reported by the lab in the original report.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/1/2024 1:13 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.0°C.

ISM Processing
All samples were processed via ISM prior to extraction and analysis. 8270E SIM was processed via ISM as received.

GC/MS Semi VOA
Method 8270E_SIM: The method blank for preparation batch 580-477330 and analytical batch 580-477468 contained Pyrene above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8270E_SIM: The following samples were diluted due to the nature of the sample matrix: CP_109_1 (580-145443-6), (580-145549-B-9-C), (580-145549-B-9-F MS) and (580-145549-B-9-G MSD). Elevated reporting limits (RLs) are provided.

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

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

Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145443-1

Qualifiers

GC/MS Semi VOA

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

Glossary

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

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145443-1

Client Sample ID: CP_127_1
Date Collected: 10/30/24 11:30
Date Received: 11/01/24 13:13

Lab Sample ID: 580-145443-1
Matrix: Solid
Percent Solids: 82.3

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.0031	J	0.0067	0.0029	mg/Kg	☼	11/07/24 14:27	11/08/24 20:15	1
2-Methylnaphthalene	0.0053	J	0.0073	0.0036	mg/Kg	☼	11/07/24 14:27	11/08/24 20:15	1
Benzo[a]anthracene	0.35		0.0067	0.0027	mg/Kg	☼	11/07/24 14:27	11/08/24 20:15	1
Benzo[a]pyrene	0.60		0.0067	0.0023	mg/Kg	☼	11/07/24 14:27	11/08/24 20:15	1
Benzo[b]fluoranthene	0.58		0.0061	0.0014	mg/Kg	☼	11/07/24 14:27	11/08/24 20:15	1
Benzo[k]fluoranthene	0.22		0.0067	0.0021	mg/Kg	☼	11/07/24 14:27	11/08/24 20:15	1
Chrysene	0.48		0.0061	0.0018	mg/Kg	☼	11/07/24 14:27	11/08/24 20:15	1
Dibenz(a,h)anthracene	0.098		0.0067	0.00088	mg/Kg	☼	11/07/24 14:27	11/08/24 20:15	1
Indeno[1,2,3-cd]pyrene	0.31		0.0067	0.0027	mg/Kg	☼	11/07/24 14:27	11/08/24 20:15	1
Naphthalene	0.0051	J	0.0061	0.0020	mg/Kg	☼	11/07/24 14:27	11/08/24 20:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*103*		*57 - 145*	*11/07/24 14:27*	*11/08/24 20:15*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	82.3		0.1	0.1	%			11/07/24 13:55	1
Percent Moisture (SM22 2540G)	17.7		0.1	0.1	%			11/07/24 13:55	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145443-1

Client Sample ID: CP_130_1
Date Collected: 10/30/24 11:00
Date Received: 11/01/24 13:13

Lab Sample ID: 580-145443-2
Matrix: Solid
Percent Solids: 94.1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0058	0.0025	mg/Kg	☼	11/07/24 14:27	11/08/24 20:36	1
2-Methylnaphthalene	ND		0.0063	0.0031	mg/Kg	☼	11/07/24 14:27	11/08/24 20:36	1
Benzo[a]anthracene	**0.074**		0.0058	0.0023	mg/Kg	☼	11/07/24 14:27	11/08/24 20:36	1
Benzo[a]pyrene	**0.13**		0.0058	0.0020	mg/Kg	☼	11/07/24 14:27	11/08/24 20:36	1
Benzo[b]fluoranthene	**0.15**		0.0052	0.0012	mg/Kg	☼	11/07/24 14:27	11/08/24 20:36	1
Benzo[k]fluoranthene	**0.042**		0.0058	0.0018	mg/Kg	☼	11/07/24 14:27	11/08/24 20:36	1
Chrysene	**0.098**		0.0052	0.0016	mg/Kg	☼	11/07/24 14:27	11/08/24 20:36	1
Dibenz(a,h)anthracene	**0.025**		0.0058	0.00075	mg/Kg	☼	11/07/24 14:27	11/08/24 20:36	1
Indeno[1,2,3-cd]pyrene	**0.075**		0.0058	0.0023	mg/Kg	☼	11/07/24 14:27	11/08/24 20:36	1
Naphthalene	**0.0026**	**J**	0.0052	0.0017	mg/Kg	☼	11/07/24 14:27	11/08/24 20:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*103*		*57 - 145*	*11/07/24 14:27*	*11/08/24 20:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**94.1**		0.1	0.1	%			11/07/24 13:55	1
Percent Moisture (SM22 2540G)	**5.9**		0.1	0.1	%			11/07/24 13:55	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145443-1

Client Sample ID: CP_129_1
Date Collected: 10/30/24 11:10
Date Received: 11/01/24 13:13

Lab Sample ID: 580-145443-3
Matrix: Solid
Percent Solids: 93.1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.0034	J	0.0058	0.0025	mg/Kg	☼	11/07/24 14:27	11/08/24 20:57	1
2-Methylnaphthalene	0.0048	J	0.0063	0.0031	mg/Kg	☼	11/07/24 14:27	11/08/24 20:57	1
Benzo[a]anthracene	0.18		0.0058	0.0024	mg/Kg	☼	11/07/24 14:27	11/08/24 20:57	1
Benzo[a]pyrene	0.32		0.0058	0.0020	mg/Kg	☼	11/07/24 14:27	11/08/24 20:57	1
Benzo[b]fluoranthene	0.33		0.0053	0.0012	mg/Kg	☼	11/07/24 14:27	11/08/24 20:57	1
Benzo[k]fluoranthene	0.092		0.0058	0.0018	mg/Kg	☼	11/07/24 14:27	11/08/24 20:57	1
Chrysene	0.25		0.0053	0.0016	mg/Kg	☼	11/07/24 14:27	11/08/24 20:57	1
Dibenz(a,h)anthracene	0.060		0.0058	0.00076	mg/Kg	☼	11/07/24 14:27	11/08/24 20:57	1
Indeno[1,2,3-cd]pyrene	0.18		0.0058	0.0023	mg/Kg	☼	11/07/24 14:27	11/08/24 20:57	1
Naphthalene	0.0051	J	0.0053	0.0017	mg/Kg	☼	11/07/24 14:27	11/08/24 20:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*94*		*57 - 145*	*11/07/24 14:27*	*11/08/24 20:57*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	93.1		0.1	0.1	%			11/07/24 13:55	1
Percent Moisture (SM22 2540G)	6.9		0.1	0.1	%			11/07/24 13:55	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145443-1

Client Sample ID: CP_122_1
Date Collected: 10/31/24 11:00
Date Received: 11/01/24 13:13

Lab Sample ID: 580-145443-4
Matrix: Solid
Percent Solids: 87.3

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0059	0.0026	mg/Kg	☼	11/07/24 14:27	11/08/24 21:18	1
2-Methylnaphthalene	ND		0.0065	0.0032	mg/Kg	☼	11/07/24 14:27	11/08/24 21:18	1
Benzo[a]anthracene	**0.071**		0.0059	0.0024	mg/Kg	☼	11/07/24 14:27	11/08/24 21:18	1
Benzo[a]pyrene	**0.13**		0.0059	0.0021	mg/Kg	☼	11/07/24 14:27	11/08/24 21:18	1
Benzo[b]fluoranthene	**0.14**		0.0054	0.0013	mg/Kg	☼	11/07/24 14:27	11/08/24 21:18	1
Benzo[k]fluoranthene	**0.046**		0.0059	0.0019	mg/Kg	☼	11/07/24 14:27	11/08/24 21:18	1
Chrysene	**0.091**		0.0054	0.0016	mg/Kg	☼	11/07/24 14:27	11/08/24 21:18	1
Dibenz(a,h)anthracene	**0.024**		0.0059	0.00078	mg/Kg	☼	11/07/24 14:27	11/08/24 21:18	1
Indeno[1,2,3-cd]pyrene	**0.075**		0.0059	0.0024	mg/Kg	☼	11/07/24 14:27	11/08/24 21:18	1
Naphthalene	**0.0017**	**J**	0.0054	0.0017	mg/Kg	☼	11/07/24 14:27	11/08/24 21:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*96*		*57 - 145*	*11/07/24 14:27*	*11/08/24 21:18*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**87.3**		0.1	0.1	%			11/07/24 13:55	1
Percent Moisture (SM22 2540G)	**12.7**		0.1	0.1	%			11/07/24 13:55	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145443-1

Client Sample ID: CP_117_1
Date Collected: 10/31/24 10:30
Date Received: 11/01/24 13:13

Lab Sample ID: 580-145443-5
Matrix: Solid
Percent Solids: 83.3

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.0037	J	0.0065	0.0028	mg/Kg	☼	11/07/24 14:27	11/08/24 21:39	1
2-Methylnaphthalene	0.0061	J	0.0071	0.0035	mg/Kg	☼	11/07/24 14:27	11/08/24 21:39	1
Benzo[a]anthracene	0.66		0.0065	0.0026	mg/Kg	☼	11/07/24 14:27	11/08/24 21:39	1
Benzo[a]pyrene	1.2		0.0065	0.0023	mg/Kg	☼	11/07/24 14:27	11/08/24 21:39	1
Benzo[b]fluoranthene	1.2		0.0059	0.0014	mg/Kg	☼	11/07/24 14:27	11/08/24 21:39	1
Benzo[k]fluoranthene	0.44		0.0065	0.0021	mg/Kg	☼	11/07/24 14:27	11/08/24 21:39	1
Chrysene	0.78		0.0059	0.0018	mg/Kg	☼	11/07/24 14:27	11/08/24 21:39	1
Dibenz(a,h)anthracene	0.21		0.0065	0.00085	mg/Kg	☼	11/07/24 14:27	11/08/24 21:39	1
Indeno[1,2,3-cd]pyrene	0.63		0.0065	0.0026	mg/Kg	☼	11/07/24 14:27	11/08/24 21:39	1
Naphthalene	0.0073		0.0059	0.0019	mg/Kg	☼	11/07/24 14:27	11/08/24 21:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*100*		*57 - 145*	*11/07/24 14:27*	*11/08/24 21:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	83.3		0.1	0.1	%			11/07/24 13:55	1
Percent Moisture (SM22 2540G)	16.7		0.1	0.1	%			11/07/24 13:55	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145443-1

Client Sample ID: CP_109_1
Date Collected: 10/31/24 10:00
Date Received: 11/01/24 13:13

Lab Sample ID: 580-145443-6
Matrix: Solid
Percent Solids: 84.8

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.018	J	0.032	0.014	mg/Kg	☼	11/08/24 11:03	11/10/24 00:56	5
2-Methylnaphthalene	0.035		0.034	0.017	mg/Kg	☼	11/08/24 11:03	11/10/24 00:56	5
Benzo[a]anthracene	3.4		0.032	0.013	mg/Kg	☼	11/08/24 11:03	11/10/24 00:56	5
Benzo[a]pyrene	7.1		0.032	0.011	mg/Kg	☼	11/08/24 11:03	11/10/24 00:56	5
Benzo[b]fluoranthene	4.6		0.029	0.0067	mg/Kg	☼	11/08/24 11:03	11/10/24 00:56	5
Benzo[k]fluoranthene	1.7		0.032	0.010	mg/Kg	☼	11/08/24 11:03	11/10/24 00:56	5
Chrysene	4.9		0.029	0.0086	mg/Kg	☼	11/08/24 11:03	11/10/24 00:56	5
Dibenz(a,h)anthracene	0.88		0.032	0.0041	mg/Kg	☼	11/08/24 11:03	11/10/24 00:56	5
Indeno[1,2,3-cd]pyrene	1.9		0.032	0.013	mg/Kg	☼	11/08/24 11:03	11/10/24 00:56	5
Naphthalene	0.023	J	0.029	0.0093	mg/Kg	☼	11/08/24 11:03	11/10/24 00:56	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*103*		*57 - 145*	*11/08/24 11:03*	*11/10/24 00:56*	*5*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	84.8		0.1	0.1	%			11/07/24 13:55	1
Percent Moisture (SM22 2540G)	15.2		0.1	0.1	%			11/07/24 13:55	1

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

Lab Sample ID: MB 580-477236/1-A
Matrix: Solid
Analysis Batch: 477319

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 477236

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0055	0.0024	mg/Kg		11/07/24 14:27	11/08/24 13:36	1
2-Methylnaphthalene	ND		0.0060	0.0030	mg/Kg		11/07/24 14:27	11/08/24 13:36	1
Benzo[a]anthracene	ND		0.0055	0.0022	mg/Kg		11/07/24 14:27	11/08/24 13:36	1
Benzo[a]pyrene	ND		0.0055	0.0019	mg/Kg		11/07/24 14:27	11/08/24 13:36	1
Benzo[b]fluoranthene	ND		0.0050	0.0012	mg/Kg		11/07/24 14:27	11/08/24 13:36	1
Benzo[k]fluoranthene	ND		0.0055	0.0017	mg/Kg		11/07/24 14:27	11/08/24 13:36	1
Chrysene	ND		0.0050	0.0015	mg/Kg		11/07/24 14:27	11/08/24 13:36	1
Dibenz(a,h)anthracene	ND		0.0055	0.00072	mg/Kg		11/07/24 14:27	11/08/24 13:36	1
Indeno[1,2,3-cd]pyrene	ND		0.0055	0.0022	mg/Kg		11/07/24 14:27	11/08/24 13:36	1
Naphthalene	ND		0.0050	0.0016	mg/Kg		11/07/24 14:27	11/08/24 13:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*94*		*57 - 145*	*11/07/24 14:27*	*11/08/24 13:36*	*1*

Lab Sample ID: LCS 580-477236/2-A
Matrix: Solid
Analysis Batch: 477319

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 477236

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	2.00	1.80		mg/Kg		90	64 - 120
2-Methylnaphthalene	2.00	1.80		mg/Kg		90	64 - 120
Benzo[a]anthracene	2.00	1.91		mg/Kg		95	66 - 127
Benzo[a]pyrene	2.00	2.07		mg/Kg		104	66 - 124
Benzo[b]fluoranthene	2.00	2.17		mg/Kg		109	54 - 122
Benzo[k]fluoranthene	2.00	1.94		mg/Kg		97	51 - 131
Chrysene	2.00	1.78		mg/Kg		89	57 - 128
Dibenz(a,h)anthracene	2.00	2.09		mg/Kg		104	64 - 133
Indeno[1,2,3-cd]pyrene	2.00	2.19		mg/Kg		110	63 - 132
Naphthalene	2.00	1.79		mg/Kg		89	65 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14	*106*		*57 - 145*

Lab Sample ID: MB 580-477330/1-A
Matrix: Solid
Analysis Batch: 477468

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 477330

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0055	0.0024	mg/Kg		11/08/24 11:03	11/09/24 16:44	1
2-Methylnaphthalene	ND		0.0060	0.0030	mg/Kg		11/08/24 11:03	11/09/24 16:44	1
Benzo[a]anthracene	ND		0.0055	0.0022	mg/Kg		11/08/24 11:03	11/09/24 16:44	1
Benzo[a]pyrene	ND		0.0055	0.0019	mg/Kg		11/08/24 11:03	11/09/24 16:44	1
Benzo[b]fluoranthene	ND		0.0050	0.0012	mg/Kg		11/08/24 11:03	11/09/24 16:44	1
Benzo[k]fluoranthene	ND		0.0055	0.0017	mg/Kg		11/08/24 11:03	11/09/24 16:44	1
Chrysene	ND		0.0050	0.0015	mg/Kg		11/08/24 11:03	11/09/24 16:44	1
Dibenz(a,h)anthracene	ND		0.0055	0.00072	mg/Kg		11/08/24 11:03	11/09/24 16:44	1
Indeno[1,2,3-cd]pyrene	ND		0.0055	0.0022	mg/Kg		11/08/24 11:03	11/09/24 16:44	1
Naphthalene	ND		0.0050	0.0016	mg/Kg		11/08/24 11:03	11/09/24 16:44	1

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14	108		57 - 145	11/08/24 11:03	11/09/24 16:44	1

Lab Sample ID: LCS 580-477330/2-A
Matrix: Solid
Analysis Batch: 477468

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 477330

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	2.00	1.92		mg/Kg		96	64 - 120
2-Methylnaphthalene	2.00	1.92		mg/Kg		96	64 - 120
Benzo[a]anthracene	2.00	1.80		mg/Kg		90	66 - 127
Benzo[a]pyrene	2.00	2.06		mg/Kg		103	66 - 124
Benzo[b]fluoranthene	2.00	1.94		mg/Kg		97	54 - 122
Benzo[k]fluoranthene	2.00	2.19		mg/Kg		109	51 - 131
Chrysene	2.00	1.83		mg/Kg		92	57 - 128
Dibenz(a,h)anthracene	2.00	2.21		mg/Kg		110	64 - 133
Indeno[1,2,3-cd]pyrene	2.00	2.17		mg/Kg		109	63 - 132
Naphthalene	2.00	1.82		mg/Kg		91	65 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Terphenyl-d14	101		57 - 145

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145443-1

Client Sample ID: CP_127_1
Date Collected: 10/30/24 11:30
Date Received: 11/01/24 13:13

Lab Sample ID: 580-145443-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477135	TOA	EET SEA	11/07/24 06:50
Total/NA	Analysis	2540G		1	477235	SCS	EET SEA	11/07/24 13:55

Client Sample ID: CP_127_1
Date Collected: 10/30/24 11:30
Date Received: 11/01/24 13:13

Lab Sample ID: 580-145443-1
Matrix: Solid
Percent Solids: 82.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477135	TOA	EET SEA	11/07/24 06:50
Total/NA	Prep	3546			477236	TOA	EET SEA	11/07/24 14:27
Total/NA	Analysis	8270E SIM		1	477319	T1L	EET SEA	11/08/24 20:15

Client Sample ID: CP_130_1
Date Collected: 10/30/24 11:00
Date Received: 11/01/24 13:13

Lab Sample ID: 580-145443-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477135	TOA	EET SEA	11/07/24 06:50
Total/NA	Analysis	2540G		1	477235	SCS	EET SEA	11/07/24 13:55

Client Sample ID: CP_130_1
Date Collected: 10/30/24 11:00
Date Received: 11/01/24 13:13

Lab Sample ID: 580-145443-2
Matrix: Solid
Percent Solids: 94.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477135	TOA	EET SEA	11/07/24 06:50
Total/NA	Prep	3546			477236	TOA	EET SEA	11/07/24 14:27
Total/NA	Analysis	8270E SIM		1	477319	T1L	EET SEA	11/08/24 20:36

Client Sample ID: CP_129_1
Date Collected: 10/30/24 11:10
Date Received: 11/01/24 13:13

Lab Sample ID: 580-145443-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477135	TOA	EET SEA	11/07/24 06:50
Total/NA	Analysis	2540G		1	477235	SCS	EET SEA	11/07/24 13:55

Client Sample ID: CP_129_1
Date Collected: 10/30/24 11:10
Date Received: 11/01/24 13:13

Lab Sample ID: 580-145443-3
Matrix: Solid
Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477135	TOA	EET SEA	11/07/24 06:50
Total/NA	Prep	3546			477236	TOA	EET SEA	11/07/24 14:27
Total/NA	Analysis	8270E SIM		1	477319	T1L	EET SEA	11/08/24 20:57

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145443-1

Client Sample ID: CP_122_1
Date Collected: 10/31/24 11:00
Date Received: 11/01/24 13:13

Lab Sample ID: 580-145443-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477135	TOA	EET SEA	11/07/24 06:50
Total/NA	Analysis	2540G		1	477235	SCS	EET SEA	11/07/24 13:55

Client Sample ID: CP_122_1
Date Collected: 10/31/24 11:00
Date Received: 11/01/24 13:13

Lab Sample ID: 580-145443-4
Matrix: Solid
Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477135	TOA	EET SEA	11/07/24 06:50
Total/NA	Prep	3546			477236	TOA	EET SEA	11/07/24 14:27
Total/NA	Analysis	8270E SIM		1	477319	T1L	EET SEA	11/08/24 21:18

Client Sample ID: CP_117_1
Date Collected: 10/31/24 10:30
Date Received: 11/01/24 13:13

Lab Sample ID: 580-145443-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477135	TOA	EET SEA	11/07/24 06:50
Total/NA	Analysis	2540G		1	477235	SCS	EET SEA	11/07/24 13:55

Client Sample ID: CP_117_1
Date Collected: 10/31/24 10:30
Date Received: 11/01/24 13:13

Lab Sample ID: 580-145443-5
Matrix: Solid
Percent Solids: 83.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477135	TOA	EET SEA	11/07/24 06:50
Total/NA	Prep	3546			477236	TOA	EET SEA	11/07/24 14:27
Total/NA	Analysis	8270E SIM		1	477319	T1L	EET SEA	11/08/24 21:39

Client Sample ID: CP_109_1
Date Collected: 10/31/24 10:00
Date Received: 11/01/24 13:13

Lab Sample ID: 580-145443-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477135	TOA	EET SEA	11/07/24 06:50
Total/NA	Analysis	2540G		1	477235	SCS	EET SEA	11/07/24 13:55

Client Sample ID: CP_109_1
Date Collected: 10/31/24 10:00
Date Received: 11/01/24 13:13

Lab Sample ID: 580-145443-6
Matrix: Solid
Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477135	TOA	EET SEA	11/07/24 06:50
Total/NA	Prep	3546			477330	ER	EET SEA	11/08/24 11:03
Total/NA	Analysis	8270E SIM		5	477468	T1L	EET SEA	11/10/24 00:56

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145443-1

Laboratory References:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145443-1

Laboratory: Eurofins Seattle

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C788-24	07-13-25

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

Analysis Method	Prep Method	Matrix	Analyte
2540G		Solid	Percent Solids

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145443-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-145443-1	CP_127_1	Solid	10/30/24 11:30	11/01/24 13:13
580-145443-2	CP_130_1	Solid	10/30/24 11:00	11/01/24 13:13
580-145443-3	CP_129_1	Solid	10/30/24 11:10	11/01/24 13:13
580-145443-4	CP_122_1	Solid	10/31/24 11:00	11/01/24 13:13
580-145443-5	CP_117_1	Solid	10/31/24 10:30	11/01/24 13:13
580-145443-6	CP_109_1	Solid	10/31/24 10:00	11/01/24 13:13

Eurofins Environmental Testing Northwest, LLC
5755 8th Street East
Tacoma, WA 98424

Chain of Custody Record

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Client Information	Sampler: CAL	Lab PM:	Carrier Tracking No(s):	COC No:
Client Contact: Cl Hale Breeyn Greer	Phone: 612-232-7343	E-Mail:	State of Origin:	Page: Page 1 of 1
Company: Haley + Aldrich	PWSID:	Analysis Requested		Job #:
Address: 505 w Riverside ave ste 450	Due Date Requested:			Preservation Codes:
City: Spokane	TAT Requested (days): STD			A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify)
State, Zip: Wa 99201	Compliance Project: Δ Yes Δ No			
Phone: 612-232-7343	PO #: Purchase Order not required			
Email: bgreer@haleyaldrich.com	WO #:			Other:
Project Name: CVSD Gun club	Project #: 0202349			
Site: 0202349	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Wwater, Sesolid, Owaste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	CPAHs Project specific list	TSM processing	Perform MS/MSD (Yes or No)	Special Instructions/Note:
			Preservation Code:						
CP_127_1	10-30-24	11:30	C	Soil		X	X		
CP_130_1	10-30-24	11:00				X	X		
CP_129_1	10-30-24	11:10				X	X		
CP_122_1	10-31-24	11:00				X	X		
CP_117_1	10-31-24	10:30				X	X		
CP_109_1	10-31-24	10:00				X	X		

Therm. ID: 4 Cor: 2.0 Unc: 1.9
Cooler Dsc: L-B
Packing: None
Cust. Seal: (Yes) No
Blue Ice, Wet, Dry, None
FedEx:
UPS: UPS
Lab Courr:
Other:

580-145443 Chain of Custody

Possible Hazard Identification
Δ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological
If samples are retained longer than 1 month)
☐ Disposal By Lab ☐ Archive For 1 Months

Deliverable Requested: I, II, III, IV, Other (specify) EDD
Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Cameron Cuekey	Date/Time: 10-31-24 13:30	Company: H+A	Received by:	Date/Time: 11/1/24 1313	Company: EET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

11/15/2024 (Rev. 1)

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 580-145443-1

Login Number: 145443
List Number: 1
Creator: Groves, Elizabeth

List Source: Eurofins Seattle

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Breeyn Greer
Haley & Aldrich, Inc.
505 W Riverside Ave
Suite 450
Spokane, Washington 99201

Generated 11/19/2024 11:00:16 PM Revision 1

JOB DESCRIPTION

CVSD Gun Club

JOB NUMBER

580-145268-1

Eurofins Seattle
5755 8th Street East
Tacoma WA 98424

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

Authorization

Tracy Dutton

Generated
11/19/2024 11:00:16 PM
Revision 1

Authorized for release by
Tracy Dutton, Client Relations Manager
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Job Narrative
580-145268-1

Revision 11/19/2024
The report being provided is a revision of the original report sent on 11/12/2024. The report (revision 1) is being revised due to client requesting additional analysis to be performed for samples C_59_1 (580-145268-3) and C_70_1 (580-145268-6). Samples 580-145268-15 and -16 are the duplicate and triplicate for C_59_1 (580-145268-3). Samples 580-145268-17 and -18 are the duplicate and triplicate for C_70_1 (580-145268-6).

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/28/2024 9:37 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.5°C.

GC/MS Semi VOA
Method 8270E_SIM: The following samples were prepared outside of preparation holding time due to client adding out of hold : C_70b_1 (580-145268-17) and C_70c_1 (580-145268-18).

Method 8270E_SIM: The following sample was diluted due to the nature of the sample matrix: C_50_1 (580-145268-12). Elevated reporting limits (RLs) are provided.

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

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

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

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

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

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145268-1

Client Sample ID: C_48_1
Date Collected: 10/24/24 16:20
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-1
Matrix: Solid
Percent Solids: 97.1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.0048	J	0.0055	0.0024	mg/Kg	☼	11/05/24 14:20	11/06/24 17:00	1
2-Methylnaphthalene	0.0065		0.0060	0.0030	mg/Kg	☼	11/05/24 14:20	11/06/24 17:00	1
Benzo[a]anthracene	0.42		0.0055	0.0022	mg/Kg	☼	11/05/24 14:20	11/06/24 17:00	1
Benzo[a]pyrene	0.67		0.0055	0.0019	mg/Kg	☼	11/05/24 14:20	11/06/24 17:00	1
Benzo[b]fluoranthene	0.83		0.0050	0.0012	mg/Kg	☼	11/05/24 14:20	11/06/24 17:00	1
Benzo[k]fluoranthene	0.25		0.0055	0.0017	mg/Kg	☼	11/05/24 14:20	11/06/24 17:00	1
Chrysene	0.56		0.0050	0.0015	mg/Kg	☼	11/05/24 14:20	11/06/24 17:00	1
Dibenz(a,h)anthracene	0.096		0.0055	0.00072	mg/Kg	☼	11/05/24 14:20	11/06/24 17:00	1
Indeno[1,2,3-cd]pyrene	0.36		0.0055	0.0022	mg/Kg	☼	11/05/24 14:20	11/06/24 17:00	1
Naphthalene	0.0072		0.0050	0.0016	mg/Kg	☼	11/05/24 14:20	11/06/24 17:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*105*		*57 - 145*	*11/05/24 14:20*	*11/06/24 17:00*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	14		6.0	0.49	mg/Kg		11/06/24 16:49	11/08/24 23:50	4
Lead	580		3.0	0.44	mg/Kg		11/06/24 16:49	11/08/24 23:50	4

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	97.1		0.1	0.1	%			11/04/24 17:54	1
Percent Moisture (SM22 2540G)	2.9		0.1	0.1	%			11/04/24 17:54	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145268-1

Client Sample ID: C_58_1
Date Collected: 10/24/24 16:00
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-2
Matrix: Solid
Percent Solids: 97.7

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0056	0.0024	mg/Kg	☼	11/05/24 14:20	11/06/24 18:02	1
2-Methylnaphthalene	ND		0.0061	0.0030	mg/Kg	☼	11/05/24 14:20	11/06/24 18:02	1
Benzo[a]anthracene	**0.014**		0.0056	0.0023	mg/Kg	☼	11/05/24 14:20	11/06/24 18:02	1
Benzo[a]pyrene	**0.024**		0.0056	0.0020	mg/Kg	☼	11/05/24 14:20	11/06/24 18:02	1
Benzo[b]fluoranthene	**0.026**		0.0051	0.0012	mg/Kg	☼	11/05/24 14:20	11/06/24 18:02	1
Benzo[k]fluoranthene	**0.012**		0.0056	0.0018	mg/Kg	☼	11/05/24 14:20	11/06/24 18:02	1
Chrysene	**0.020**		0.0051	0.0015	mg/Kg	☼	11/05/24 14:20	11/06/24 18:02	1
Dibenz(a,h)anthracene	**0.0046**	**J**	0.0056	0.00073	mg/Kg	☼	11/05/24 14:20	11/06/24 18:02	1
Indeno[1,2,3-cd]pyrene	**0.015**		0.0056	0.0022	mg/Kg	☼	11/05/24 14:20	11/06/24 18:02	1
Naphthalene	ND		0.0051	0.0016	mg/Kg	☼	11/05/24 14:20	11/06/24 18:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*107*		*57 - 145*	*11/05/24 14:20*	*11/06/24 18:02*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**10**		5.8	0.48	mg/Kg		11/06/24 16:49	11/09/24 00:07	4
Lead	**200**		2.9	0.43	mg/Kg		11/06/24 16:49	11/09/24 00:07	4

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**97.7**		0.1	0.1	%			11/04/24 17:54	1
Percent Moisture (SM22 2540G)	**2.3**		0.1	0.1	%			11/04/24 17:54	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145268-1

Client Sample ID: C_59_1
Date Collected: 10/24/24 16:40
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-3
Matrix: Solid
Percent Solids: 87.5

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0061	0.0026	mg/Kg	☼	11/05/24 14:20	11/06/24 18:23	1
2-Methylnaphthalene	ND		0.0066	0.0033	mg/Kg	☼	11/05/24 14:20	11/06/24 18:23	1
Benzo[a]anthracene	**0.026**		0.0061	0.0025	mg/Kg	☼	11/05/24 14:20	11/06/24 18:23	1
Benzo[a]pyrene	**0.046**		0.0061	0.0021	mg/Kg	☼	11/05/24 14:20	11/06/24 18:23	1
Benzo[b]fluoranthene	**0.050**		0.0055	0.0013	mg/Kg	☼	11/05/24 14:20	11/06/24 18:23	1
Benzo[k]fluoranthene	**0.021**		0.0061	0.0019	mg/Kg	☼	11/05/24 14:20	11/06/24 18:23	1
Chrysene	**0.034**		0.0055	0.0017	mg/Kg	☼	11/05/24 14:20	11/06/24 18:23	1
Dibenz(a,h)anthracene	**0.0077**		0.0061	0.00080	mg/Kg	☼	11/05/24 14:20	11/06/24 18:23	1
Indeno[1,2,3-cd]pyrene	**0.028**		0.0061	0.0024	mg/Kg	☼	11/05/24 14:20	11/06/24 18:23	1
Naphthalene	ND		0.0055	0.0018	mg/Kg	☼	11/05/24 14:20	11/06/24 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*104*		*57 - 145*	*11/05/24 14:20*	*11/06/24 18:23*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		5.6	0.46	mg/Kg		11/06/24 16:49	11/09/24 00:11	4
Lead	**230**		2.8	0.41	mg/Kg		11/06/24 16:49	11/09/24 00:11	4

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**87.5**		0.1	0.1	%			11/04/24 17:54	1
Percent Moisture (SM22 2540G)	**12.5**		0.1	0.1	%			11/04/24 17:54	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145268-1

Client Sample ID: C_86_1
Date Collected: 10/24/24 15:40
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-4
Matrix: Solid
Percent Solids: 97.0

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0052	0.0023	mg/Kg	☼	11/05/24 14:20	11/06/24 18:44	1
2-Methylnaphthalene	ND		0.0057	0.0028	mg/Kg	☼	11/05/24 14:20	11/06/24 18:44	1
Benzo[a]anthracene	**0.042**		0.0052	0.0021	mg/Kg	☼	11/05/24 14:20	11/06/24 18:44	1
Benzo[a]pyrene	**0.072**		0.0052	0.0018	mg/Kg	☼	11/05/24 14:20	11/06/24 18:44	1
Benzo[b]fluoranthene	**0.079**		0.0048	0.0011	mg/Kg	☼	11/05/24 14:20	11/06/24 18:44	1
Benzo[k]fluoranthene	**0.031**		0.0052	0.0017	mg/Kg	☼	11/05/24 14:20	11/06/24 18:44	1
Chrysene	**0.063**		0.0048	0.0014	mg/Kg	☼	11/05/24 14:20	11/06/24 18:44	1
Dibenz(a,h)anthracene	**0.011**		0.0052	0.00069	mg/Kg	☼	11/05/24 14:20	11/06/24 18:44	1
Indeno[1,2,3-cd]pyrene	**0.040**		0.0052	0.0021	mg/Kg	☼	11/05/24 14:20	11/06/24 18:44	1
Naphthalene	ND		0.0048	0.0015	mg/Kg	☼	11/05/24 14:20	11/06/24 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*107*		*57 - 145*	*11/05/24 14:20*	*11/06/24 18:44*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**10**		5.7	0.47	mg/Kg		11/06/24 16:49	11/09/24 00:15	4
Lead	**280**		2.9	0.42	mg/Kg		11/06/24 16:49	11/09/24 00:15	4

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**97.0**		0.1	0.1	%			11/04/24 17:54	1
Percent Moisture (SM22 2540G)	**3.0**		0.1	0.1	%			11/04/24 17:54	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145268-1

Client Sample ID: C_100_1
Date Collected: 10/24/24 15:20
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-5
Matrix: Solid
Percent Solids: 97.5

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0052	0.0022	mg/Kg	☼	11/05/24 14:20	11/06/24 19:05	1
2-Methylnaphthalene	ND		0.0057	0.0028	mg/Kg	☼	11/05/24 14:20	11/06/24 19:05	1
Benzo[a]anthracene	**0.056**		0.0052	0.0021	mg/Kg	☼	11/05/24 14:20	11/06/24 19:05	1
Benzo[a]pyrene	**0.098**		0.0052	0.0018	mg/Kg	☼	11/05/24 14:20	11/06/24 19:05	1
Benzo[b]fluoranthene	**0.11**		0.0047	0.0011	mg/Kg	☼	11/05/24 14:20	11/06/24 19:05	1
Benzo[k]fluoranthene	**0.042**		0.0052	0.0016	mg/Kg	☼	11/05/24 14:20	11/06/24 19:05	1
Chrysene	**0.077**		0.0047	0.0014	mg/Kg	☼	11/05/24 14:20	11/06/24 19:05	1
Dibenz(a,h)anthracene	**0.014**		0.0052	0.00068	mg/Kg	☼	11/05/24 14:20	11/06/24 19:05	1
Indeno[1,2,3-cd]pyrene	**0.055**		0.0052	0.0021	mg/Kg	☼	11/05/24 14:20	11/06/24 19:05	1
Naphthalene	ND		0.0047	0.0015	mg/Kg	☼	11/05/24 14:20	11/06/24 19:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*109*		*57 - 145*	*11/05/24 14:20*	*11/06/24 19:05*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**15**		5.6	0.47	mg/Kg		11/06/24 16:49	11/09/24 00:27	4
Lead	**450**		2.8	0.42	mg/Kg		11/06/24 16:49	11/09/24 00:27	4

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**97.5**		0.1	0.1	%			11/04/24 17:54	1
Percent Moisture (SM22 2540G)	**2.5**		0.1	0.1	%			11/04/24 17:54	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145268-1

Client Sample ID: C_70_1
Date Collected: 10/25/24 10:10
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-6
Matrix: Solid
Percent Solids: 95.8

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0054	0.0023	mg/Kg	☼	11/06/24 14:08	11/08/24 18:42	1
2-Methylnaphthalene	ND		0.0059	0.0029	mg/Kg	☼	11/06/24 14:08	11/08/24 18:42	1
Benzo[a]anthracene	**0.072**		0.0054	0.0022	mg/Kg	☼	11/06/24 14:08	11/08/24 18:42	1
Benzo[a]pyrene	**0.078**		0.0054	0.0019	mg/Kg	☼	11/06/24 14:08	11/08/24 18:42	1
Benzo[b]fluoranthene	**0.040**		0.0049	0.0011	mg/Kg	☼	11/06/24 14:08	11/08/24 18:42	1
Benzo[k]fluoranthene	**0.015**		0.0054	0.0017	mg/Kg	☼	11/06/24 14:08	11/08/24 18:42	1
Chrysene	**0.046**		0.0049	0.0015	mg/Kg	☼	11/06/24 14:08	11/08/24 18:42	1
Dibenz(a,h)anthracene	ND		0.0054	0.00071	mg/Kg	☼	11/06/24 14:08	11/08/24 18:42	1
Indeno[1,2,3-cd]pyrene	**0.026**		0.0054	0.0021	mg/Kg	☼	11/06/24 14:08	11/08/24 18:42	1
Naphthalene	**0.0054**		0.0049	0.0016	mg/Kg	☼	11/06/24 14:08	11/08/24 18:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*104*		*57 - 145*	*11/06/24 14:08*	*11/08/24 18:42*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.3**		5.8	0.48	mg/Kg		11/06/24 16:49	11/09/24 00:31	4
Lead	**170**		2.9	0.43	mg/Kg		11/06/24 16:49	11/09/24 00:31	4

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**95.8**		0.1	0.1	%			11/04/24 17:54	1
Percent Moisture (SM22 2540G)	**4.2**		0.1	0.1	%			11/04/24 17:54	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145268-1

Client Sample ID: C_72_1
Date Collected: 10/25/24 09:50
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-7
Matrix: Solid
Percent Solids: 85.6

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0060	0.0026	mg/Kg	☼	11/06/24 14:08	11/08/24 17:28	1
2-Methylnaphthalene	ND		0.0065	0.0032	mg/Kg	☼	11/06/24 14:08	11/08/24 17:28	1
Benzo[a]anthracene	**0.020**		0.0060	0.0024	mg/Kg	☼	11/06/24 14:08	11/08/24 17:28	1
Benzo[a]pyrene	**0.036**		0.0060	0.0021	mg/Kg	☼	11/06/24 14:08	11/08/24 17:28	1
Benzo[b]fluoranthene	**0.037**		0.0054	0.0013	mg/Kg	☼	11/06/24 14:08	11/08/24 17:28	1
Benzo[k]fluoranthene	**0.012**		0.0060	0.0019	mg/Kg	☼	11/06/24 14:08	11/08/24 17:28	1
Chrysene	**0.028**		0.0054	0.0016	mg/Kg	☼	11/06/24 14:08	11/08/24 17:28	1
Dibenz(a,h)anthracene	ND		0.0060	0.00078	mg/Kg	☼	11/06/24 14:08	11/08/24 17:28	1
Indeno[1,2,3-cd]pyrene	**0.016**		0.0060	0.0024	mg/Kg	☼	11/06/24 14:08	11/08/24 17:28	1
Naphthalene	**0.0018**	**J**	0.0054	0.0018	mg/Kg	☼	11/06/24 14:08	11/08/24 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*105*		*57 - 145*	*11/06/24 14:08*	*11/08/24 17:28*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**23**		5.9	0.48	mg/Kg		11/06/24 16:49	11/09/24 00:34	4
Lead	**760**		2.9	0.43	mg/Kg		11/06/24 16:49	11/09/24 00:34	4

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**85.6**		0.1	0.1	%			11/04/24 17:54	1
Percent Moisture (SM22 2540G)	**14.4**		0.1	0.1	%			11/04/24 17:54	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145268-1

Client Sample ID: C_85_1
Date Collected: 10/25/24 09:30
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-8
Matrix: Solid
Percent Solids: 96.4

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0053	0.0023	mg/Kg	☼	11/06/24 14:08	11/08/24 16:39	1
2-Methylnaphthalene	ND		0.0057	0.0028	mg/Kg	☼	11/06/24 14:08	11/08/24 16:39	1
Benzo[a]anthracene	**0.021**		0.0053	0.0021	mg/Kg	☼	11/06/24 14:08	11/08/24 16:39	1
Benzo[a]pyrene	**0.036**		0.0053	0.0018	mg/Kg	☼	11/06/24 14:08	11/08/24 16:39	1
Benzo[b]fluoranthene	**0.036**		0.0048	0.0011	mg/Kg	☼	11/06/24 14:08	11/08/24 16:39	1
Benzo[k]fluoranthene	**0.012**		0.0053	0.0017	mg/Kg	☼	11/06/24 14:08	11/08/24 16:39	1
Chrysene	**0.028**		0.0048	0.0014	mg/Kg	☼	11/06/24 14:08	11/08/24 16:39	1
Dibenz(a,h)anthracene	ND		0.0053	0.00069	mg/Kg	☼	11/06/24 14:08	11/08/24 16:39	1
Indeno[1,2,3-cd]pyrene	**0.016**		0.0053	0.0021	mg/Kg	☼	11/06/24 14:08	11/08/24 16:39	1
Naphthalene	ND		0.0048	0.0015	mg/Kg	☼	11/06/24 14:08	11/08/24 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*111*		*57 - 145*	*11/06/24 14:08*	*11/08/24 16:39*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**8.9**		5.5	0.46	mg/Kg		11/06/24 16:49	11/09/24 00:38	4
Lead	**63**		2.8	0.41	mg/Kg		11/06/24 16:49	11/09/24 00:38	4

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**96.4**		0.1	0.1	%			11/04/24 17:54	1
Percent Moisture (SM22 2540G)	**3.6**		0.1	0.1	%			11/04/24 17:54	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145268-1

Client Sample ID: C_84_1
Date Collected: 10/25/24 09:10
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-9
Matrix: Solid
Percent Solids: 96.0

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0057	0.0025	mg/Kg	☼	11/06/24 14:08	11/08/24 18:18	1
2-Methylnaphthalene	ND		0.0063	0.0031	mg/Kg	☼	11/06/24 14:08	11/08/24 18:18	1
Benzo[a]anthracene	**0.10**		0.0057	0.0023	mg/Kg	☼	11/06/24 14:08	11/08/24 18:18	1
Benzo[a]pyrene	**0.023**		0.0057	0.0020	mg/Kg	☼	11/06/24 14:08	11/08/24 18:18	1
Benzo[b]fluoranthene	**0.022**		0.0052	0.0012	mg/Kg	☼	11/06/24 14:08	11/08/24 18:18	1
Benzo[k]fluoranthene	**0.0081**		0.0057	0.0018	mg/Kg	☼	11/06/24 14:08	11/08/24 18:18	1
Chrysene	**0.021**		0.0052	0.0016	mg/Kg	☼	11/06/24 14:08	11/08/24 18:18	1
Dibenz(a,h)anthracene	ND		0.0057	0.00075	mg/Kg	☼	11/06/24 14:08	11/08/24 18:18	1
Indeno[1,2,3-cd]pyrene	**0.010**		0.0057	0.0023	mg/Kg	☼	11/06/24 14:08	11/08/24 18:18	1
Naphthalene	ND		0.0052	0.0017	mg/Kg	☼	11/06/24 14:08	11/08/24 18:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*108*		*57 - 145*	*11/06/24 14:08*	*11/08/24 18:18*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.4**		5.7	0.47	mg/Kg		11/06/24 16:49	11/09/24 00:42	4
Lead	**120**		2.9	0.42	mg/Kg		11/06/24 16:49	11/09/24 00:42	4

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**96.0**		0.1	0.1	%			11/04/24 17:54	1
Percent Moisture (SM22 2540G)	**4.0**		0.1	0.1	%			11/04/24 17:54	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145268-1

Client Sample ID: C_99_1
Date Collected: 10/25/24 08:50
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-10
Matrix: Solid
Percent Solids: 85.9

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0062	0.0027	mg/Kg	☼	11/06/24 14:08	11/08/24 17:03	1
2-Methylnaphthalene	ND		0.0068	0.0033	mg/Kg	☼	11/06/24 14:08	11/08/24 17:03	1
Benzo[a]anthracene	**0.13**		0.0062	0.0025	mg/Kg	☼	11/06/24 14:08	11/08/24 17:03	1
Benzo[a]pyrene	**0.25**		0.0062	0.0022	mg/Kg	☼	11/06/24 14:08	11/08/24 17:03	1
Benzo[b]fluoranthene	**0.16**		0.0057	0.0013	mg/Kg	☼	11/06/24 14:08	11/08/24 17:03	1
Benzo[k]fluoranthene	**0.044**		0.0062	0.0020	mg/Kg	☼	11/06/24 14:08	11/08/24 17:03	1
Chrysene	**0.18**		0.0057	0.0017	mg/Kg	☼	11/06/24 14:08	11/08/24 17:03	1
Dibenz(a,h)anthracene	ND		0.0062	0.00082	mg/Kg	☼	11/06/24 14:08	11/08/24 17:03	1
Indeno[1,2,3-cd]pyrene	**0.065**		0.0062	0.0025	mg/Kg	☼	11/06/24 14:08	11/08/24 17:03	1
Naphthalene	ND		0.0057	0.0018	mg/Kg	☼	11/06/24 14:08	11/08/24 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*109*		*57 - 145*	*11/06/24 14:08*	*11/08/24 17:03*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.6**		5.6	0.47	mg/Kg		11/06/24 16:49	11/09/24 00:46	4
Lead	**86**		2.8	0.42	mg/Kg		11/06/24 16:49	11/09/24 00:46	4

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**85.9**		0.1	0.1	%			11/04/24 17:54	1
Percent Moisture (SM22 2540G)	**14.1**		0.1	0.1	%			11/04/24 17:54	1

Client Sample ID: C_57_1

Date Collected: 10/25/24 11:40
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-11

Matrix: Solid
Percent Solids: 91.1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0054	0.0023	mg/Kg	☼	11/06/24 14:08	11/08/24 16:14	1
2-Methylnaphthalene	ND		0.0059	0.0029	mg/Kg	☼	11/06/24 14:08	11/08/24 16:14	1
Benzo[a]anthracene	**0.020**		0.0054	0.0022	mg/Kg	☼	11/06/24 14:08	11/08/24 16:14	1
Benzo[a]pyrene	**0.036**		0.0054	0.0019	mg/Kg	☼	11/06/24 14:08	11/08/24 16:14	1
Benzo[b]fluoranthene	**0.034**		0.0049	0.0011	mg/Kg	☼	11/06/24 14:08	11/08/24 16:14	1
Benzo[k]fluoranthene	**0.014**		0.0054	0.0017	mg/Kg	☼	11/06/24 14:08	11/08/24 16:14	1
Chrysene	**0.027**		0.0049	0.0015	mg/Kg	☼	11/06/24 14:08	11/08/24 16:14	1
Dibenz(a,h)anthracene	ND		0.0054	0.00071	mg/Kg	☼	11/06/24 14:08	11/08/24 16:14	1
Indeno[1,2,3-cd]pyrene	**0.016**		0.0054	0.0021	mg/Kg	☼	11/06/24 14:08	11/08/24 16:14	1
Naphthalene	ND		0.0049	0.0016	mg/Kg	☼	11/06/24 14:08	11/08/24 16:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*112*		*57 - 145*	*11/06/24 14:08*	*11/08/24 16:14*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.7**		5.8	0.48	mg/Kg		11/06/24 16:49	11/09/24 00:49	4
Lead	**200**		2.9	0.43	mg/Kg		11/06/24 16:49	11/09/24 00:49	4

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**91.1**		0.1	0.1	%			11/01/24 12:03	1
Percent Moisture (SM22 2540G)	**8.9**		0.1	0.1	%			11/01/24 12:03	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145268-1

Client Sample ID: C_50_1
Date Collected: 10/25/24 11:20
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-12
Matrix: Solid
Percent Solids: 97.0

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.027	0.012	mg/Kg	☼	11/06/24 14:08	11/08/24 19:31	5
2-Methylnaphthalene	ND		0.029	0.014	mg/Kg	☼	11/06/24 14:08	11/08/24 19:31	5
Benzo[a]anthracene	**1.1**		0.027	0.011	mg/Kg	☼	11/06/24 14:08	11/08/24 19:31	5
Benzo[a]pyrene	**1.8**		0.027	0.0094	mg/Kg	☼	11/06/24 14:08	11/08/24 19:31	5
Benzo[b]fluoranthene	**1.3**		0.024	0.0057	mg/Kg	☼	11/06/24 14:08	11/08/24 19:31	5
Benzo[k]fluoranthene	**0.45**		0.027	0.0085	mg/Kg	☼	11/06/24 14:08	11/08/24 19:31	5
Chrysene	**2.2**		0.024	0.0073	mg/Kg	☼	11/06/24 14:08	11/08/24 19:31	5
Dibenz(a,h)anthracene	ND		0.027	0.0035	mg/Kg	☼	11/06/24 14:08	11/08/24 19:31	5
Indeno[1,2,3-cd]pyrene	**0.60**		0.027	0.011	mg/Kg	☼	11/06/24 14:08	11/08/24 19:31	5
Naphthalene	**0.012**	**J**	0.024	0.0079	mg/Kg	☼	11/06/24 14:08	11/08/24 19:31	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*105*		*57 - 145*	*11/06/24 14:08*	*11/08/24 19:31*	*5*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		5.8	0.48	mg/Kg		11/06/24 16:49	11/09/24 00:53	4
Lead	**440**		2.9	0.43	mg/Kg		11/06/24 16:49	11/09/24 00:53	4

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**97.0**		0.1	0.1	%			11/01/24 12:03	1
Percent Moisture (SM22 2540G)	**3.0**		0.1	0.1	%			11/01/24 12:03	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145268-1

Client Sample ID: C_28_1
Date Collected: 10/25/24 12:20
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-13
Matrix: Solid
Percent Solids: 96.3

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0057	0.0025	mg/Kg	☼	11/06/24 14:08	11/08/24 19:07	1
2-Methylnaphthalene	ND		0.0062	0.0030	mg/Kg	☼	11/06/24 14:08	11/08/24 19:07	1
Benzo[a]anthracene	**0.11**		0.0057	0.0023	mg/Kg	☼	11/06/24 14:08	11/08/24 19:07	1
Benzo[a]pyrene	**0.040**		0.0057	0.0020	mg/Kg	☼	11/06/24 14:08	11/08/24 19:07	1
Benzo[b]fluoranthene	**0.037**		0.0052	0.0012	mg/Kg	☼	11/06/24 14:08	11/08/24 19:07	1
Benzo[k]fluoranthene	**0.016**		0.0057	0.0018	mg/Kg	☼	11/06/24 14:08	11/08/24 19:07	1
Chrysene	**0.032**		0.0052	0.0015	mg/Kg	☼	11/06/24 14:08	11/08/24 19:07	1
Dibenz(a,h)anthracene	ND		0.0057	0.00074	mg/Kg	☼	11/06/24 14:08	11/08/24 19:07	1
Indeno[1,2,3-cd]pyrene	**0.017**		0.0057	0.0023	mg/Kg	☼	11/06/24 14:08	11/08/24 19:07	1
Naphthalene	ND		0.0052	0.0017	mg/Kg	☼	11/06/24 14:08	11/08/24 19:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*105*		*57 - 145*	*11/06/24 14:08*	*11/08/24 19:07*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**19**		5.7	0.47	mg/Kg		11/06/24 16:49	11/09/24 00:57	4
Lead	**1300**		2.9	0.42	mg/Kg		11/06/24 16:49	11/09/24 00:57	4

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**96.3**		0.1	0.1	%			11/01/24 12:03	1
Percent Moisture (SM22 2540G)	**3.7**		0.1	0.1	%			11/01/24 12:03	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145268-1

Client Sample ID: C_39_1
Date Collected: 10/25/24 12:00
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-14
Matrix: Solid
Percent Solids: 86.7

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.0025	J	0.0058	0.0025	mg/Kg	☼	11/06/24 14:08	11/08/24 17:53	1
2-Methylnaphthalene	0.0043	J	0.0063	0.0031	mg/Kg	☼	11/06/24 14:08	11/08/24 17:53	1
Benzo[a]anthracene	0.47		0.0058	0.0024	mg/Kg	☼	11/06/24 14:08	11/08/24 17:53	1
Benzo[a]pyrene	0.78		0.0058	0.0020	mg/Kg	☼	11/06/24 14:08	11/08/24 17:53	1
Benzo[b]fluoranthene	0.78		0.0053	0.0012	mg/Kg	☼	11/06/24 14:08	11/08/24 17:53	1
Benzo[k]fluoranthene	0.33		0.0058	0.0018	mg/Kg	☼	11/06/24 14:08	11/08/24 17:53	1
Chrysene	0.57		0.0053	0.0016	mg/Kg	☼	11/06/24 14:08	11/08/24 17:53	1
Dibenz(a,h)anthracene	ND		0.0058	0.00076	mg/Kg	☼	11/06/24 14:08	11/08/24 17:53	1
Indeno[1,2,3-cd]pyrene	0.42		0.0058	0.0023	mg/Kg	☼	11/06/24 14:08	11/08/24 17:53	1
Naphthalene	0.0050	J	0.0053	0.0017	mg/Kg	☼	11/06/24 14:08	11/08/24 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*108*		*57 - 145*	*11/06/24 14:08*	*11/08/24 17:53*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13		5.6	0.46	mg/Kg		11/06/24 16:49	11/09/24 01:00	4
Lead	410		2.8	0.42	mg/Kg		11/06/24 16:49	11/09/24 01:00	4

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	86.7		0.1	0.1	%			11/01/24 12:03	1
Percent Moisture (SM22 2540G)	13.3		0.1	0.1	%			11/01/24 12:03	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145268-1

Client Sample ID: C-59b_1

Date Collected: 10/25/24 16:40
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-15

Matrix: Solid

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	230		21	11	mg/Kg		11/18/24 09:46	11/18/24 16:02	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.5		0.01	0.01	%			11/19/24 16:33	1
Percent Solids (EPA Moisture)	87.5		0.01	0.01	%			11/19/24 16:33	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145268-1

Client Sample ID: C_59c_1
Date Collected: 10/25/24 16:40
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-16
Matrix: Solid

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	230		23	11	mg/Kg		11/18/24 09:46	11/18/24 16:07	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.5		0.01	0.01	%			11/19/24 16:33	1
Percent Solids (EPA Moisture)	87.5		0.01	0.01	%			11/19/24 16:33	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145268-1

Client Sample ID: C_70b_1
Date Collected: 10/25/24 10:10
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-17
Matrix: Solid
Percent Solids: 95.8

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND	H	0.010	0.0023	mg/Kg	☼	11/18/24 08:41	11/18/24 15:44	1
2-Methylnaphthalene	ND	H	0.010	0.0032	mg/Kg	☼	11/18/24 08:41	11/18/24 15:44	1
Benzo[a]anthracene	**0.045**	**H**	0.010	0.0022	mg/Kg	☼	11/18/24 08:41	11/18/24 15:44	1
Benzo[a]pyrene	**0.077**	**H**	0.010	0.0043	mg/Kg	☼	11/18/24 08:41	11/18/24 15:44	1
Benzo[b]fluoranthene	**0.079**	**H**	0.010	0.0036	mg/Kg	☼	11/18/24 08:41	11/18/24 15:44	1
Benzo[k]fluoranthene	**0.034**	**H**	0.010	0.0025	mg/Kg	☼	11/18/24 08:41	11/18/24 15:44	1
Chrysene	**0.057**	**H**	0.010	0.0015	mg/Kg	☼	11/18/24 08:41	11/18/24 15:44	1
Dibenz(a,h)anthracene	**0.011**	**H**	0.010	0.0029	mg/Kg	☼	11/18/24 08:41	11/18/24 15:44	1
Indeno[1,2,3-cd]pyrene	**0.043**	**H**	0.010	0.0030	mg/Kg	☼	11/18/24 08:41	11/18/24 15:44	1
Naphthalene	ND	H	0.010	0.0022	mg/Kg	☼	11/18/24 08:41	11/18/24 15:44	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.2**		0.01	0.01	%			11/19/24 16:33	1
Percent Solids (EPA Moisture)	**95.8**		0.01	0.01	%			11/19/24 16:33	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145268-1

Client Sample ID: C_70c_1
Date Collected: 10/25/24 10:10
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-18
Matrix: Solid
Percent Solids: 95.8

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND	H	0.010	0.0022	mg/Kg	☼	11/18/24 08:41	11/18/24 16:06	1
2-Methylnaphthalene	ND	H	0.010	0.0031	mg/Kg	☼	11/18/24 08:41	11/18/24 16:06	1
Benzo[a]anthracene	**0.020**	**H**	0.010	0.0021	mg/Kg	☼	11/18/24 08:41	11/18/24 16:06	1
Benzo[a]pyrene	**0.030**	**H**	0.010	0.0042	mg/Kg	☼	11/18/24 08:41	11/18/24 16:06	1
Benzo[b]fluoranthene	**0.029**	**H**	0.010	0.0035	mg/Kg	☼	11/18/24 08:41	11/18/24 16:06	1
Benzo[k]fluoranthene	**0.016**	**H**	0.010	0.0025	mg/Kg	☼	11/18/24 08:41	11/18/24 16:06	1
Chrysene	**0.026**	**H**	0.010	0.0015	mg/Kg	☼	11/18/24 08:41	11/18/24 16:06	1
Dibenz(a,h)anthracene	**0.0061**	**J H**	0.010	0.0028	mg/Kg	☼	11/18/24 08:41	11/18/24 16:06	1
Indeno[1,2,3-cd]pyrene	**0.017**	**H**	0.010	0.0030	mg/Kg	☼	11/18/24 08:41	11/18/24 16:06	1
Naphthalene	ND	H	0.010	0.0021	mg/Kg	☼	11/18/24 08:41	11/18/24 16:06	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.2**		0.01	0.01	%			11/19/24 16:33	1
Percent Solids (EPA Moisture)	**95.8**		0.01	0.01	%			11/19/24 16:33	1

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

Lab Sample ID: MB 580-476901/1-A
Matrix: Solid
Analysis Batch: 477014

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 476901

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0055	0.0024	mg/Kg		11/05/24 14:20	11/06/24 16:18	1
2-Methylnaphthalene	ND		0.0060	0.0030	mg/Kg		11/05/24 14:20	11/06/24 16:18	1
Benzo[a]anthracene	ND		0.0055	0.0022	mg/Kg		11/05/24 14:20	11/06/24 16:18	1
Benzo[a]pyrene	ND		0.0055	0.0019	mg/Kg		11/05/24 14:20	11/06/24 16:18	1
Benzo[b]fluoranthene	ND		0.0050	0.0012	mg/Kg		11/05/24 14:20	11/06/24 16:18	1
Benzo[k]fluoranthene	ND		0.0055	0.0017	mg/Kg		11/05/24 14:20	11/06/24 16:18	1
Chrysene	ND		0.0050	0.0015	mg/Kg		11/05/24 14:20	11/06/24 16:18	1
Dibenz(a,h)anthracene	ND		0.0055	0.00072	mg/Kg		11/05/24 14:20	11/06/24 16:18	1
Indeno[1,2,3-cd]pyrene	ND		0.0055	0.0022	mg/Kg		11/05/24 14:20	11/06/24 16:18	1
Naphthalene	ND		0.0050	0.0016	mg/Kg		11/05/24 14:20	11/06/24 16:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*106*		*57 - 145*	*11/05/24 14:20*	*11/06/24 16:18*	*1*

Lab Sample ID: LCS 580-476901/2-A
Matrix: Solid
Analysis Batch: 477014

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 476901

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	2.00	1.69		mg/Kg		84	64 - 120
2-Methylnaphthalene	2.00	1.69		mg/Kg		84	64 - 120
Benzo[a]anthracene	2.00	1.80		mg/Kg		90	66 - 127
Benzo[a]pyrene	2.00	1.94		mg/Kg		97	66 - 124
Benzo[b]fluoranthene	2.00	2.01		mg/Kg		101	54 - 122
Benzo[k]fluoranthene	2.00	1.89		mg/Kg		94	51 - 131
Chrysene	2.00	1.70		mg/Kg		85	57 - 128
Dibenz(a,h)anthracene	2.00	1.78		mg/Kg		89	64 - 133
Indeno[1,2,3-cd]pyrene	2.00	1.86		mg/Kg		93	63 - 132
Naphthalene	2.00	1.69		mg/Kg		85	65 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14	*104*		*57 - 145*

Lab Sample ID: 580-145268-1 MS
Matrix: Solid
Analysis Batch: 477014

Client Sample ID: C_48_1
Prep Type: Total/NA
Prep Batch: 476901

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	0.0048	J	1.96	1.69		mg/Kg	☼	86	64 - 120
2-Methylnaphthalene	0.0065		1.96	1.69		mg/Kg	☼	86	64 - 120
Benzo[a]anthracene	0.42		1.96	2.23		mg/Kg	☼	92	66 - 127
Benzo[a]pyrene	0.67		1.96	2.54		mg/Kg	☼	95	66 - 124
Benzo[b]fluoranthene	0.83		1.96	2.65		mg/Kg	☼	93	54 - 122
Benzo[k]fluoranthene	0.25		1.96	1.98		mg/Kg	☼	88	51 - 131
Chrysene	0.56		1.96	2.15		mg/Kg	☼	81	57 - 128
Dibenz(a,h)anthracene	0.096		1.96	1.75		mg/Kg	☼	84	64 - 133
Indeno[1,2,3-cd]pyrene	0.36		1.96	2.24		mg/Kg	☼	96	63 - 132
Naphthalene	0.0072		1.96	1.69		mg/Kg	☼	85	65 - 120

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

Surrogate	MS %Recovery	MS Qualifier	Limits
Terphenyl-d14	102		57 - 145

Lab Sample ID: 580-145268-1 MSD — **Client Sample ID: C_48_1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 477014 — **Prep Batch: 476901**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	0.0048	J	2.02	1.77		mg/Kg	☼	87	64 - 120	5	20
2-Methylnaphthalene	0.0065		2.02	1.77		mg/Kg	☼	87	64 - 120	5	20
Benzo[a]anthracene	0.42		2.02	2.08		mg/Kg	☼	82	66 - 127	7	20
Benzo[a]pyrene	0.67		2.02	2.32		mg/Kg	☼	82	66 - 124	9	40
Benzo[b]fluoranthene	0.83		2.02	2.40		mg/Kg	☼	78	54 - 122	10	20
Benzo[k]fluoranthene	0.25		2.02	1.94		mg/Kg	☼	83	51 - 131	2	20
Chrysene	0.56		2.02	2.03		mg/Kg	☼	73	57 - 128	6	20
Dibenz(a,h)anthracene	0.096		2.02	1.95		mg/Kg	☼	92	64 - 133	11	20
Indeno[1,2,3-cd]pyrene	0.36		2.02	2.17		mg/Kg	☼	89	63 - 132	3	20
Naphthalene	0.0072		2.02	1.78		mg/Kg	☼	88	65 - 120	5	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Terphenyl-d14	100		57 - 145

Lab Sample ID: MB 580-477068/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 477315 — **Prep Batch: 477068**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0055	0.0024	mg/Kg		11/06/24 14:08	11/08/24 11:43	1
2-Methylnaphthalene	ND		0.0060	0.0030	mg/Kg		11/06/24 14:08	11/08/24 11:43	1
Benzo[a]anthracene	ND		0.0055	0.0022	mg/Kg		11/06/24 14:08	11/08/24 11:43	1
Benzo[a]pyrene	ND		0.0055	0.0019	mg/Kg		11/06/24 14:08	11/08/24 11:43	1
Benzo[b]fluoranthene	ND		0.0050	0.0012	mg/Kg		11/06/24 14:08	11/08/24 11:43	1
Benzo[k]fluoranthene	ND		0.0055	0.0017	mg/Kg		11/06/24 14:08	11/08/24 11:43	1
Chrysene	ND		0.0050	0.0015	mg/Kg		11/06/24 14:08	11/08/24 11:43	1
Dibenz(a,h)anthracene	ND		0.0055	0.00072	mg/Kg		11/06/24 14:08	11/08/24 11:43	1
Indeno[1,2,3-cd]pyrene	ND		0.0055	0.0022	mg/Kg		11/06/24 14:08	11/08/24 11:43	1
Naphthalene	ND		0.0050	0.0016	mg/Kg		11/06/24 14:08	11/08/24 11:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14	104		57 - 145	11/06/24 14:08	11/08/24 11:43	1

Lab Sample ID: LCS 580-477068/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 477315 — **Prep Batch: 477068**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	2.00	1.91		mg/Kg		95	64 - 120
2-Methylnaphthalene	2.00	1.91		mg/Kg		95	64 - 120
Benzo[a]anthracene	2.00	1.78		mg/Kg		89	66 - 127
Benzo[a]pyrene	2.00	2.06		mg/Kg		103	66 - 124
Benzo[b]fluoranthene	2.00	1.92		mg/Kg		96	54 - 122
Benzo[k]fluoranthene	2.00	2.23		mg/Kg		112	51 - 131

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

Lab Sample ID: LCS 580-477068/2-A
Matrix: Solid
Analysis Batch: 477315

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 477068

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chrysene	2.00	1.83		mg/Kg		92	57 - 128
Dibenz(a,h)anthracene	2.00	2.19		mg/Kg		110	64 - 133
Indeno[1,2,3-cd]pyrene	2.00	2.14		mg/Kg		107	63 - 132
Naphthalene	2.00	1.79		mg/Kg		90	65 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14	*107*		*57 - 145*

Lab Sample ID: MB 590-50937/1-A
Matrix: Solid
Analysis Batch: 50941

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50937

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.010	0.0022	mg/Kg		11/18/24 08:41	11/18/24 12:27	1
2-Methylnaphthalene	ND		0.010	0.0031	mg/Kg		11/18/24 08:41	11/18/24 12:27	1
Benzo[a]anthracene	ND		0.010	0.0021	mg/Kg		11/18/24 08:41	11/18/24 12:27	1
Benzo[a]pyrene	ND		0.010	0.0042	mg/Kg		11/18/24 08:41	11/18/24 12:27	1
Benzo[b]fluoranthene	ND		0.010	0.0035	mg/Kg		11/18/24 08:41	11/18/24 12:27	1
Benzo[k]fluoranthene	ND		0.010	0.0025	mg/Kg		11/18/24 08:41	11/18/24 12:27	1
Chrysene	ND		0.010	0.0015	mg/Kg		11/18/24 08:41	11/18/24 12:27	1
Dibenz(a,h)anthracene	ND		0.010	0.0028	mg/Kg		11/18/24 08:41	11/18/24 12:27	1
Indeno[1,2,3-cd]pyrene	ND		0.010	0.0030	mg/Kg		11/18/24 08:41	11/18/24 12:27	1
Naphthalene	ND		0.010	0.0022	mg/Kg		11/18/24 08:41	11/18/24 12:27	1

Lab Sample ID: LCS 590-50937/2-A
Matrix: Solid
Analysis Batch: 50941

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50937

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	0.267	0.213		mg/Kg		80	44 - 120
2-Methylnaphthalene	0.267	0.219		mg/Kg		82	45 - 120
Benzo[a]anthracene	0.267	0.262		mg/Kg		98	65 - 122
Benzo[a]pyrene	0.267	0.244		mg/Kg		92	56 - 120
Benzo[b]fluoranthene	0.267	0.243		mg/Kg		91	56 - 122
Benzo[k]fluoranthene	0.267	0.291		mg/Kg		109	53 - 120
Chrysene	0.267	0.275		mg/Kg		103	53 - 120
Dibenz(a,h)anthracene	0.267	0.271		mg/Kg		102	59 - 120
Indeno[1,2,3-cd]pyrene	0.267	0.270		mg/Kg		101	59 - 120
Naphthalene	0.267	0.201		mg/Kg		75	37 - 120

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 580-477097/17-A
Matrix: Solid
Analysis Batch: 477534

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 477097

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.12	mg/Kg		11/06/24 16:49	11/08/24 23:43	1
Lead	ND		0.75	0.11	mg/Kg		11/06/24 16:49	11/08/24 23:43	1

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

Lab Sample ID: LCS 580-477097/18-A
Matrix: Solid
Analysis Batch: 477534

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 477097

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			25.0	21.8		mg/Kg		87	80 - 120		
Lead			25.0	23.5		mg/Kg		94	80 - 120		

Lab Sample ID: 580-145268-1 MS
Matrix: Solid
Analysis Batch: 477534

Client Sample ID: C_48_1
Prep Type: Total/NA
Prep Batch: 477097

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	14		24.4	34.9		mg/Kg		86	80 - 120
Lead	580		24.4	554	4	mg/Kg		-119	80 - 120

Lab Sample ID: 580-145268-1 MSD
Matrix: Solid
Analysis Batch: 477534

Client Sample ID: C_48_1
Prep Type: Total/NA
Prep Batch: 477097

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	14		23.4	32.8		mg/Kg		81	80 - 120	6	20
Lead	580		23.4	555	4	mg/Kg		-122	80 - 120	0	20

Lab Sample ID: MB 590-50944/2-A
Matrix: Solid
Analysis Batch: 50958

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50944

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		3.0	1.5	mg/Kg		11/18/24 09:46	11/18/24 13:52	1

Lab Sample ID: LCS 590-50944/1-A
Matrix: Solid
Analysis Batch: 50958

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50944

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Lead			50.0	47.5		mg/Kg		95	80 - 120		

Method: Moisture - Percent Moisture

Lab Sample ID: 580-145268-15 DU
Matrix: Solid
Analysis Batch: 50989

Client Sample ID: C-59b_1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	12.5			12.5		%				0	20
Percent Solids	87.5			87.5		%				0	20

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145268-1

Client Sample ID: C_48_1
Date Collected: 10/24/24 16:20
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476761	MJ	EET SEA	11/04/24 14:27
Total/NA	Prep	3050B			477097		EET SEA	11/06/24 16:49
Total/NA	Analysis	6010D		4	477534	JLS	EET SEA	11/08/24 23:50
Total/NA	ISM Prep	Increment, prep			476386	TOA	EET SEA	10/30/24 15:54
Total/NA	Analysis	2540G		1	476814	SCS	EET SEA	11/04/24 17:54

Client Sample ID: C_48_1
Date Collected: 10/24/24 16:20
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-1
Matrix: Solid
Percent Solids: 97.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476386	TOA	EET SEA	10/30/24 15:54
Total/NA	Prep	3546			476901	TOA	EET SEA	11/05/24 14:20
Total/NA	Analysis	8270E SIM		1	477014	K1K	EET SEA	11/06/24 17:00

Client Sample ID: C_58_1
Date Collected: 10/24/24 16:00
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476761	MJ	EET SEA	11/04/24 14:27
Total/NA	Prep	3050B			477097		EET SEA	11/06/24 16:49
Total/NA	Analysis	6010D		4	477534	JLS	EET SEA	11/09/24 00:07
Total/NA	ISM Prep	Increment, prep			476386	TOA	EET SEA	10/30/24 15:54
Total/NA	Analysis	2540G		1	476814	SCS	EET SEA	11/04/24 17:54

Client Sample ID: C_58_1
Date Collected: 10/24/24 16:00
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-2
Matrix: Solid
Percent Solids: 97.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476386	TOA	EET SEA	10/30/24 15:54
Total/NA	Prep	3546			476901	TOA	EET SEA	11/05/24 14:20
Total/NA	Analysis	8270E SIM		1	477014	K1K	EET SEA	11/06/24 18:02

Client Sample ID: C_59_1
Date Collected: 10/24/24 16:40
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476761	MJ	EET SEA	11/04/24 14:27
Total/NA	Prep	3050B			477097		EET SEA	11/06/24 16:49
Total/NA	Analysis	6010D		4	477534	JLS	EET SEA	11/09/24 00:11
Total/NA	ISM Prep	Increment, prep			476386	TOA	EET SEA	10/30/24 15:54
Total/NA	Analysis	2540G		1	476814	SCS	EET SEA	11/04/24 17:54

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145268-1

Client Sample ID: C_59_1
Date Collected: 10/24/24 16:40
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-3
Matrix: Solid
Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476386	TOA	EET SEA	10/30/24 15:54
Total/NA	Prep	3546			476901	TOA	EET SEA	11/05/24 14:20
Total/NA	Analysis	8270E SIM		1	477014	K1K	EET SEA	11/06/24 18:23

Client Sample ID: C_86_1
Date Collected: 10/24/24 15:40
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476761	MJ	EET SEA	11/04/24 14:27
Total/NA	Prep	3050B			477097		EET SEA	11/06/24 16:49
Total/NA	Analysis	6010D		4	477534	JLS	EET SEA	11/09/24 00:15
Total/NA	ISM Prep	Increment, prep			476386	TOA	EET SEA	10/30/24 15:54
Total/NA	Analysis	2540G		1	476814	SCS	EET SEA	11/04/24 17:54

Client Sample ID: C_86_1
Date Collected: 10/24/24 15:40
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-4
Matrix: Solid
Percent Solids: 97.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476386	TOA	EET SEA	10/30/24 15:54
Total/NA	Prep	3546			476901	TOA	EET SEA	11/05/24 14:20
Total/NA	Analysis	8270E SIM		1	477014	K1K	EET SEA	11/06/24 18:44

Client Sample ID: C_100_1
Date Collected: 10/24/24 15:20
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476761	MJ	EET SEA	11/04/24 14:27
Total/NA	Prep	3050B			477097		EET SEA	11/06/24 16:49
Total/NA	Analysis	6010D		4	477534	JLS	EET SEA	11/09/24 00:27
Total/NA	ISM Prep	Increment, prep			476386	TOA	EET SEA	10/30/24 15:54
Total/NA	Analysis	2540G		1	476814	SCS	EET SEA	11/04/24 17:54

Client Sample ID: C_100_1
Date Collected: 10/24/24 15:20
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-5
Matrix: Solid
Percent Solids: 97.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476386	TOA	EET SEA	10/30/24 15:54
Total/NA	Prep	3546			476901	TOA	EET SEA	11/05/24 14:20
Total/NA	Analysis	8270E SIM		1	477014	K1K	EET SEA	11/06/24 19:05

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145268-1

Client Sample ID: C_70_1
Date Collected: 10/25/24 10:10
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476761	MJ	EET SEA	11/04/24 14:27
Total/NA	Prep	3050B			477097		EET SEA	11/06/24 16:49
Total/NA	Analysis	6010D		4	477534	JLS	EET SEA	11/09/24 00:31
Total/NA	ISM Prep	Increment, prep			476386	TOA	EET SEA	10/30/24 15:54
Total/NA	Analysis	2540G		1	476814	SCS	EET SEA	11/04/24 17:54

Client Sample ID: C_70_1
Date Collected: 10/25/24 10:10
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-6
Matrix: Solid
Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476386	TOA	EET SEA	10/30/24 15:54
Total/NA	Prep	3546			477068	ER	EET SEA	11/06/24 14:08
Total/NA	Analysis	8270E SIM		1	477315	T1L	EET SEA	11/08/24 18:42

Client Sample ID: C_72_1
Date Collected: 10/25/24 09:50
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476761	MJ	EET SEA	11/04/24 14:27
Total/NA	Prep	3050B			477097		EET SEA	11/06/24 16:49
Total/NA	Analysis	6010D		4	477534	JLS	EET SEA	11/09/24 00:34
Total/NA	ISM Prep	Increment, prep			476386	TOA	EET SEA	10/30/24 15:54
Total/NA	Analysis	2540G		1	476814	SCS	EET SEA	11/04/24 17:54

Client Sample ID: C_72_1
Date Collected: 10/25/24 09:50
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-7
Matrix: Solid
Percent Solids: 85.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476386	TOA	EET SEA	10/30/24 15:54
Total/NA	Prep	3546			477068	ER	EET SEA	11/06/24 14:08
Total/NA	Analysis	8270E SIM		1	477315	T1L	EET SEA	11/08/24 17:28

Client Sample ID: C_85_1
Date Collected: 10/25/24 09:30
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476761	MJ	EET SEA	11/04/24 14:27
Total/NA	Prep	3050B			477097		EET SEA	11/06/24 16:49
Total/NA	Analysis	6010D		4	477534	JLS	EET SEA	11/09/24 00:38
Total/NA	ISM Prep	Increment, prep			476386	TOA	EET SEA	10/30/24 15:54
Total/NA	Analysis	2540G		1	476814	SCS	EET SEA	11/04/24 17:54

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145268-1

Client Sample ID: C_85_1
Date Collected: 10/25/24 09:30
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-8
Matrix: Solid
Percent Solids: 96.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476386	TOA	EET SEA	10/30/24 15:54
Total/NA	Prep	3546			477068	ER	EET SEA	11/06/24 14:08
Total/NA	Analysis	8270E SIM		1	477315	T1L	EET SEA	11/08/24 16:39

Client Sample ID: C_84_1
Date Collected: 10/25/24 09:10
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476761	MJ	EET SEA	11/04/24 14:27
Total/NA	Prep	3050B			477097		EET SEA	11/06/24 16:49
Total/NA	Analysis	6010D		4	477534	JLS	EET SEA	11/09/24 00:42
Total/NA	ISM Prep	Increment, prep			476386	TOA	EET SEA	10/30/24 15:54
Total/NA	Analysis	2540G		1	476814	SCS	EET SEA	11/04/24 17:54

Client Sample ID: C_84_1
Date Collected: 10/25/24 09:10
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-9
Matrix: Solid
Percent Solids: 96.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476386	TOA	EET SEA	10/30/24 15:54
Total/NA	Prep	3546			477068	ER	EET SEA	11/06/24 14:08
Total/NA	Analysis	8270E SIM		1	477315	T1L	EET SEA	11/08/24 18:18

Client Sample ID: C_99_1
Date Collected: 10/25/24 08:50
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476761	MJ	EET SEA	11/04/24 14:27
Total/NA	Prep	3050B			477097		EET SEA	11/06/24 16:49
Total/NA	Analysis	6010D		4	477534	JLS	EET SEA	11/09/24 00:46
Total/NA	ISM Prep	Increment, prep			476386	TOA	EET SEA	10/30/24 15:54
Total/NA	Analysis	2540G		1	476814	SCS	EET SEA	11/04/24 17:54

Client Sample ID: C_99_1
Date Collected: 10/25/24 08:50
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-10
Matrix: Solid
Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476386	TOA	EET SEA	10/30/24 15:54
Total/NA	Prep	3546			477068	ER	EET SEA	11/06/24 14:08
Total/NA	Analysis	8270E SIM		1	477315	T1L	EET SEA	11/08/24 17:03

Client Sample ID: C_57_1
Date Collected: 10/25/24 11:40
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476761	MJ	EET SEA	11/04/24 14:27
Total/NA	Prep	3050B			477097		EET SEA	11/06/24 16:49
Total/NA	Analysis	6010D		4	477534	JLS	EET SEA	11/09/24 00:49
Total/NA	ISM Prep	Increment, prep			476386	TOA	EET SEA	10/30/24 15:54
Total/NA	Analysis	2540G		1	476601	SCS	EET SEA	11/01/24 12:03

Client Sample ID: C_57_1
Date Collected: 10/25/24 11:40
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-11
Matrix: Solid
Percent Solids: 91.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476386	TOA	EET SEA	10/30/24 15:54
Total/NA	Prep	3546			477068	ER	EET SEA	11/06/24 14:08
Total/NA	Analysis	8270E SIM		1	477315	T1L	EET SEA	11/08/24 16:14

Client Sample ID: C_50_1
Date Collected: 10/25/24 11:20
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476761	MJ	EET SEA	11/04/24 14:27
Total/NA	Prep	3050B			477097		EET SEA	11/06/24 16:49
Total/NA	Analysis	6010D		4	477534	JLS	EET SEA	11/09/24 00:53
Total/NA	ISM Prep	Increment, prep			476386	TOA	EET SEA	10/30/24 15:54
Total/NA	Analysis	2540G		1	476601	SCS	EET SEA	11/01/24 12:03

Client Sample ID: C_50_1
Date Collected: 10/25/24 11:20
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-12
Matrix: Solid
Percent Solids: 97.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476386	TOA	EET SEA	10/30/24 15:54
Total/NA	Prep	3546			477068	ER	EET SEA	11/06/24 14:08
Total/NA	Analysis	8270E SIM		5	477315	T1L	EET SEA	11/08/24 19:31

Client Sample ID: C_28_1
Date Collected: 10/25/24 12:20
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476761	MJ	EET SEA	11/04/24 14:27
Total/NA	Prep	3050B			477097		EET SEA	11/06/24 16:49
Total/NA	Analysis	6010D		4	477534	JLS	EET SEA	11/09/24 00:57
Total/NA	ISM Prep	Increment, prep			476386	TOA	EET SEA	10/30/24 15:54
Total/NA	Analysis	2540G		1	476601	SCS	EET SEA	11/01/24 12:03

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145268-1

Client Sample ID: C_28_1
Date Collected: 10/25/24 12:20
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-13
Matrix: Solid
Percent Solids: 96.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476386	TOA	EET SEA	10/30/24 15:54
Total/NA	Prep	3546			477068	ER	EET SEA	11/06/24 14:08
Total/NA	Analysis	8270E SIM		1	477315	T1L	EET SEA	11/08/24 19:07

Client Sample ID: C_39_1
Date Collected: 10/25/24 12:00
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476761	MJ	EET SEA	11/04/24 14:27
Total/NA	Prep	3050B			477097		EET SEA	11/06/24 16:49
Total/NA	Analysis	6010D		4	477534	JLS	EET SEA	11/09/24 01:00
Total/NA	ISM Prep	Increment, prep			476386	TOA	EET SEA	10/30/24 15:54
Total/NA	Analysis	2540G		1	476601	SCS	EET SEA	11/01/24 12:03

Client Sample ID: C_39_1
Date Collected: 10/25/24 12:00
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-14
Matrix: Solid
Percent Solids: 86.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			476386	TOA	EET SEA	10/30/24 15:54
Total/NA	Prep	3546			477068	ER	EET SEA	11/06/24 14:08
Total/NA	Analysis	8270E SIM		1	477315	T1L	EET SEA	11/08/24 17:53

Client Sample ID: C-59b_1
Date Collected: 10/25/24 16:40
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			50944	AMB	EET SPK	11/18/24 09:46
Total/NA	Analysis	6010D		10	50958	AMB	EET SPK	11/18/24 16:02
Total/NA	Analysis	Moisture		1	50989	MRV	EET SPK	11/19/24 16:33

Client Sample ID: C_59c_1
Date Collected: 10/25/24 16:40
Date Received: 10/28/24 09:37

Lab Sample ID: 580-145268-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			50944	AMB	EET SPK	11/18/24 09:46
Total/NA	Analysis	6010D		10	50958	AMB	EET SPK	11/18/24 16:07
Total/NA	Analysis	Moisture		1	50989	MRV	EET SPK	11/19/24 16:33

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145268-1

Client Sample ID: C_70b_1 — **Lab Sample ID: 580-145268-17**
Date Collected: 10/25/24 10:10 — **Matrix: Solid**
Date Received: 10/28/24 09:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	50989	MRV	EET SPK	11/19/24 16:33

Client Sample ID: C_70b_1 — **Lab Sample ID: 580-145268-17**
Date Collected: 10/25/24 10:10 — **Matrix: Solid**
Date Received: 10/28/24 09:37 — **Percent Solids: 95.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			50937	MRV	EET SPK	11/18/24 08:41
Total/NA	Analysis	8270E SIM		1	50941	NMI	EET SPK	11/18/24 15:44

Client Sample ID: C_70c_1 — **Lab Sample ID: 580-145268-18**
Date Collected: 10/25/24 10:10 — **Matrix: Solid**
Date Received: 10/28/24 09:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	50989	MRV	EET SPK	11/19/24 16:33

Client Sample ID: C_70c_1 — **Lab Sample ID: 580-145268-18**
Date Collected: 10/25/24 10:10 — **Matrix: Solid**
Date Received: 10/28/24 09:37 — **Percent Solids: 95.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			50937	MRV	EET SPK	11/18/24 08:41
Total/NA	Analysis	8270E SIM		1	50941	NMI	EET SPK	11/18/24 16:06

Laboratory References:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

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

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145268-1

Laboratory: Eurofins Seattle

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C788-24	07-13-25

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

Analysis Method	Prep Method	Matrix	Analyte
2540G		Solid	Percent Solids

Laboratory: Eurofins Spokane

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	17-025	01-07-25
Oregon	NELAP	4137	12-08-24
Washington	State	C569	01-07-25

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145268-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-145268-1	C_48_1	Solid	10/24/24 16:20	10/28/24 09:37
580-145268-2	C_58_1	Solid	10/24/24 16:00	10/28/24 09:37
580-145268-3	C_59_1	Solid	10/24/24 16:40	10/28/24 09:37
580-145268-4	C_86_1	Solid	10/24/24 15:40	10/28/24 09:37
580-145268-5	C_100_1	Solid	10/24/24 15:20	10/28/24 09:37
580-145268-6	C_70_1	Solid	10/25/24 10:10	10/28/24 09:37
580-145268-7	C_72_1	Solid	10/25/24 09:50	10/28/24 09:37
580-145268-8	C_85_1	Solid	10/25/24 09:30	10/28/24 09:37
580-145268-9	C_84_1	Solid	10/25/24 09:10	10/28/24 09:37
580-145268-10	C_99_1	Solid	10/25/24 08:50	10/28/24 09:37
580-145268-11	C_57_1	Solid	10/25/24 11:40	10/28/24 09:37
580-145268-12	C_50_1	Solid	10/25/24 11:20	10/28/24 09:37
580-145268-13	C_28_1	Solid	10/25/24 12:20	10/28/24 09:37
580-145268-14	C_39_1	Solid	10/25/24 12:00	10/28/24 09:37
580-145268-15	C-59b_1	Solid	10/25/24 16:40	10/28/24 09:37
580-145268-16	C_59c_1	Solid	10/25/24 16:40	10/28/24 09:37
580-145268-17	C_70b_1	Solid	10/25/24 10:10	10/28/24 09:37
580-145268-18	C_70c_1	Solid	10/25/24 10:10	10/28/24 09:37

Eurofins Environmental Testing Northwest, LLC
5755 8th Street East
Tacoma, WA 98424

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: BMG	Lab PM:	Carrier Tracking No(s):	COC No: 2
Client Contact: Breegn Greer	Phone: 612 232 7343	E-Mail:	State of Origin:	Page: Page 1 of 2
Company: Haley & Aldrich	PWSID:			Job #:
Address: 505 W Riverside Ave #550	Due Date Requested:	Analysis Requested		Preservation Codes:
City: Spokane	TAT Requested (days): Standard			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: WA 99201	Compliance Project: Δ Yes Δ No			
Phone: 612 232 7343	PO #: Purchase Order not required			Other:
Email: bgreer@haleyaldrich.com	WO #:			
Project Name: CUSD Gun Club	Project #: 0202349			
Site: 0202349	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Pb, As 6010/6020	cPAHs Project Specific List	1 Sm Processing	Rush!	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
C-48-1	10/24/24	1620	C	Soil		X	X	X			
C-58-1		1600				X	X	X			
C-59-1		1640				X	X	X			
C-86-1		1540				X	X	X			
C-100-1		1520				X	X	X			
C-70-1	10/25/24	1010				X	X	X			
C-72-1		0950				X	X	X			
C-85-1		0930				X	X	X			
C-84-1		0910				X	X	X			
C-99-1		0850				X	X	X			
C-57-1		1140				X	X	X			

580-145268 Chain of Custody

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☒ Archive For (1) Months

Deliverable Requested: I, II, III, IV, Other (specify) EDD

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 10/25/24 1530	Company HA	Received by:	Date/Time: 10/28/24 0937	Company EST
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: AB 1.5 | 1.1

LB/KW/NO/UB NDA

Ver: 01/16/2019

Eurofins Environmental Testing Northwest, LLC
5755 8th Street East
Tacoma, WA 98424

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: BM6	Lab PM:	Carrier Tracking No(s):	COC No: 2
Client Contact: Breeyn Green	Phone: 612 232 7343	E-Mail:	State of Origin:	Page: Page 2 of 2
Company: Haley & Aldrich	PWSID:	Analysis Requested		Job #:
Address: 505 W Riverside ave Ste 550	Due Date Requested:			Preservation Codes:
City: Spokane	TAT Requested (days): Standard			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: WA 99201	Compliance Project: Δ Yes Δ No			
Phone: 612 232 7343	PO #: Purchase Order not required			Other:
Email: bgreen@haleyaldrich.com	WO #:			
Project Name: CUSD Gun Club	Project #: 02023149			
Site: 02023149	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Pb, As EPA 6010, 6020	CAHs Project Specific list	ISM processing	Total Number of containers	Special Instructions/Note:
	Preservation Code:									
C-50-1	10/25/24	1120	C	Soil		X	X	X		
C-29-1	10/25/24	1220	C	Soil		X	X	X		
C-39-1	10/25/24	1200	C	Soil		X	X	X		
~~10/25/24 BR~~			~~C~~	~~Soil BR~~		~~X~~	~~X~~	~~X~~ BR		

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☒ Archive For (1) Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Breeyn Green	1330 10/25/24	HA		10/28/24 0937	FTN
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: A3 1.5/1.1

LB/Ice/no1

Ver: 01/16/2019

Revised CoC

Eurofins Environmental Testing Northwest, LLC
5755 8th Street East
Tacoma, WA 98424

Chain of Custody Record

Client Information	Sampler: BnG	Lab PM:	
Client Contact: Breeyn Loveer	Phone: 612 232 7343	E-Mail:	
Company: Hahay & Aldrich	PWSID:	Analysis Re	
Address: 505 W Riverside Ave #550	Due Date Requested:		
City: Spokane	TAT Requested (days): Standard		
State, Zip: WA 99201	Compliance Project: Δ Yes Δ No		
Phone: 612 232 7343	PO #: Purchase Order not required		
Email: bgreer@hahayaldrich.com	WO #:		
Project Name: CUSD Gun Club	Project #: 0202349		
Site: 0202349	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Sediment, Other, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Pb, As EPA 6010/6020	cPAHs Project Specific List	TSM Processing	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
C-48-1	10/24/24	1620	C	Soil			X	X	X		Project Specific pAHs:
C-58-1		1600					X	X	X		benzo(a)pyrene
C-59-1		1640					X	X	X		naphthalene
C-86-1		1540					X	X	X		1-methylnaphthalene
C-100-1		1520					X	X	X		2-methylnaphthalene
C-70-1	10/25/24	1010					X	X	X		benzo(a)anthracene
C-72-1		0950					X	X	X		benzo(b)flouranthene
C-85-1		0930					X	X	X		benzo(k)fluoranthene
C-84-1		0910					X	X	X		chrysene
C-99-1		0850					X	X	X		dibenzo(a,h)anthracene
C-57-1		1140					X	X	X		indeno(123-cd)pyrene

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☒ Archive For (1) Months

Deliverable Requested: I, II, III, IV, Other (specify) EDD

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 1330 10/25/24	Company HA	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Eurofins Environmental Testing Northwest, LLC
5755 8th Street East
Tacoma, WA 98424

Chain of Custody Record

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Client Information	Sampler: BM6	Lab PM:	Carrier Tracking No(s):	COC No: 2
Client Contact: Breeyn Green	Phone: 612 232 7343	E-Mail:	State of Origin:	Page: Page 2 of 2
Company: Haley & Aldrich	PWSID:			Job #:
Address: 505 W Riverside ave Ste 550	Due Date Requested:	Analysis Requested		Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
City: Spokane	TAT Requested (days): Standard			
State, Zip: WA 99201	Compliance Project: Δ Yes Δ No			
Phone: 612 232 7343	PO #: Purchase Order not required			
Email: bgreer@haleyaldrich.com	WO #:			
Project Name: CUSD Conn Cents	Project #: 02023149			
Site: 02023149	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Soil, Other, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Pb, As, EPA 6010D	cPAHs Project Specific list	TSM Arcsray	Total Number of containers	Special Instructions/Note:
	Preservation Code:										
C_50_1	10/25/24	1120	C	Soil			X	X	X		
C_29_1 C_28_1	10/25/24	1220	C	Soil			X	X	X		
C_39_1	10/25/24	1200	C	Soil			X	X	X		
~~10/25/24~~ BK			C	Soil			X	X	X	60	

Breeyn Green, PE

Possible Hazard Identification: Δ Non-Hazard Δ Flammable Δ Skin Irritant Δ Poison B Δ Unknown Δ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): Δ Return To Client Δ Disposal By Lab Δ Archive For (1) Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:			
Relinquished by: Breeyn Green	Date/Time: 1330 10/25/24	Company HA	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 580-145268-1

Login Number: 145268
List Number: 1
Creator: O'Connell, Jason I

List Source: Eurofins Seattle

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

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 580-145268-1

Login Number: 145268
List Number: 2
Creator: Morris, Mackenzie 1

List Source: Eurofins Spokane
List Creation: 11/15/24 04:04 PM

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Breeyn Greer
Haley & Aldrich, Inc.
505 W Riverside Ave
Suite 450
Spokane, Washington 99201

Generated 11/21/2024 4:37:59 PM

JOB DESCRIPTION

CVSD Gun Club

JOB NUMBER

580-145558-1

Eurofins Seattle
5755 8th Street East
Tacoma WA 98424

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

Authorization



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11/21/2024 4:37:59 PM

Authorized for release by
Tracy Dutton, Client Relations Manager
Tracy.Dutton@et.eurofinsus.com
(253)248-4970

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Job Narrative
580-145558-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/5/2024 9:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.5°C.

ISM Processing
All samples were processed via ISM prior to extraction and analysis. 8270E SIM was processed via ISM as received

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

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

Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145558-1

Qualifiers

GC/MS Semi VOA

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

Glossary

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

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145558-1

Client Sample ID: CP_46_1
Date Collected: 11/04/24 08:15
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-1
Matrix: Solid
Percent Solids: 87.5

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0068	0.0029	mg/Kg	☼	11/12/24 16:23	11/14/24 16:43	1
2-Methylnaphthalene	ND		0.0074	0.0036	mg/Kg	☼	11/12/24 16:23	11/14/24 16:43	1
Benzo[a]anthracene	**0.14**		0.0068	0.0027	mg/Kg	☼	11/12/24 16:23	11/14/24 16:43	1
Benzo[a]pyrene	**0.24**		0.0068	0.0024	mg/Kg	☼	11/12/24 16:23	11/14/24 16:43	1
Benzo[b]fluoranthene	**0.24**		0.0061	0.0014	mg/Kg	☼	11/12/24 16:23	11/14/24 16:43	1
Benzo[k]fluoranthene	**0.094**		0.0068	0.0021	mg/Kg	☼	11/12/24 16:23	11/14/24 16:43	1
Chrysene	**0.16**		0.0061	0.0018	mg/Kg	☼	11/12/24 16:23	11/14/24 16:43	1
Dibenz(a,h)anthracene	**0.045**		0.0068	0.00088	mg/Kg	☼	11/12/24 16:23	11/14/24 16:43	1
Indeno[1,2,3-cd]pyrene	**0.14**		0.0068	0.0027	mg/Kg	☼	11/12/24 16:23	11/14/24 16:43	1
Naphthalene	ND		0.0061	0.0020	mg/Kg	☼	11/12/24 16:23	11/14/24 16:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*102*		*57 - 145*	*11/12/24 16:23*	*11/14/24 16:43*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**87.5**		0.1	0.1	%			11/12/24 13:49	1
Percent Moisture (SM22 2540G)	**12.5**		0.1	0.1	%			11/12/24 13:49	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145558-1

Client Sample ID: CP_55_1
Date Collected: 11/04/24 08:35
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-2
Matrix: Solid
Percent Solids: 81.7

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0064	0.0028	mg/Kg	☼	11/12/24 16:23	11/14/24 17:04	1
2-Methylnaphthalene	**0.0035**	**J**	0.0070	0.0034	mg/Kg	☼	11/12/24 16:23	11/14/24 17:04	1
Benzo[a]anthracene	**0.29**		0.0064	0.0026	mg/Kg	☼	11/12/24 16:23	11/14/24 17:04	1
Benzo[a]pyrene	**0.60**		0.0064	0.0022	mg/Kg	☼	11/12/24 16:23	11/14/24 17:04	1
Benzo[b]fluoranthene	**0.34**		0.0058	0.0013	mg/Kg	☼	11/12/24 16:23	11/14/24 17:04	1
Benzo[k]fluoranthene	**0.10**		0.0064	0.0020	mg/Kg	☼	11/12/24 16:23	11/14/24 17:04	1
Chrysene	**0.37**		0.0058	0.0017	mg/Kg	☼	11/12/24 16:23	11/14/24 17:04	1
Dibenz(a,h)anthracene	ND		0.0064	0.00083	mg/Kg	☼	11/12/24 16:23	11/14/24 17:04	1
Indeno[1,2,3-cd]pyrene	**0.17**		0.0064	0.0025	mg/Kg	☼	11/12/24 16:23	11/14/24 17:04	1
Naphthalene	ND		0.0058	0.0019	mg/Kg	☼	11/12/24 16:23	11/14/24 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*103*		*57 - 145*	*11/12/24 16:23*	*11/14/24 17:04*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**81.7**		0.1	0.1	%			11/12/24 13:49	1
Percent Moisture (SM22 2540G)	**18.3**		0.1	0.1	%			11/12/24 13:49	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145558-1

Client Sample ID: CP_53_1
Date Collected: 11/04/24 09:00
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-3
Matrix: Solid
Percent Solids: 88.9

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0063	0.0027	mg/Kg	☼	11/12/24 16:23	11/14/24 17:25	1
2-Methylnaphthalene	ND		0.0068	0.0034	mg/Kg	☼	11/12/24 16:23	11/14/24 17:25	1
Benzo[a]anthracene	**0.024**		0.0063	0.0025	mg/Kg	☼	11/12/24 16:23	11/14/24 17:25	1
Benzo[a]pyrene	**0.039**		0.0063	0.0022	mg/Kg	☼	11/12/24 16:23	11/14/24 17:25	1
Benzo[b]fluoranthene	**0.036**		0.0057	0.0013	mg/Kg	☼	11/12/24 16:23	11/14/24 17:25	1
Benzo[k]fluoranthene	**0.015**		0.0063	0.0020	mg/Kg	☼	11/12/24 16:23	11/14/24 17:25	1
Chrysene	**0.031**		0.0057	0.0017	mg/Kg	☼	11/12/24 16:23	11/14/24 17:25	1
Dibenz(a,h)anthracene	ND		0.0063	0.00082	mg/Kg	☼	11/12/24 16:23	11/14/24 17:25	1
Indeno[1,2,3-cd]pyrene	**0.021**		0.0063	0.0025	mg/Kg	☼	11/12/24 16:23	11/14/24 17:25	1
Naphthalene	ND		0.0057	0.0018	mg/Kg	☼	11/12/24 16:23	11/14/24 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*105*		*57 - 145*	*11/12/24 16:23*	*11/14/24 17:25*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**88.9**		0.1	0.1	%			11/12/24 13:49	1
Percent Moisture (SM22 2540G)	**11.1**		0.1	0.1	%			11/12/24 13:49	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145558-1

Client Sample ID: CP_68_1
Date Collected: 11/04/24 09:30
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-4
Matrix: Solid
Percent Solids: 82.0

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0064	0.0028	mg/Kg	☼	11/12/24 16:23	11/14/24 17:46	1
2-Methylnaphthalene	ND		0.0070	0.0034	mg/Kg	☼	11/12/24 16:23	11/14/24 17:46	1
Benzo[a]anthracene	**0.12**		0.0064	0.0026	mg/Kg	☼	11/12/24 16:23	11/14/24 17:46	1
Benzo[a]pyrene	**0.23**		0.0064	0.0022	mg/Kg	☼	11/12/24 16:23	11/14/24 17:46	1
Benzo[b]fluoranthene	**0.20**		0.0058	0.0013	mg/Kg	☼	11/12/24 16:23	11/14/24 17:46	1
Benzo[k]fluoranthene	**0.077**		0.0064	0.0020	mg/Kg	☼	11/12/24 16:23	11/14/24 17:46	1
Chrysene	**0.17**		0.0058	0.0017	mg/Kg	☼	11/12/24 16:23	11/14/24 17:46	1
Dibenz(a,h)anthracene	**0.040**		0.0064	0.00084	mg/Kg	☼	11/12/24 16:23	11/14/24 17:46	1
Indeno[1,2,3-cd]pyrene	**0.11**		0.0064	0.0025	mg/Kg	☼	11/12/24 16:23	11/14/24 17:46	1
Naphthalene	ND		0.0058	0.0019	mg/Kg	☼	11/12/24 16:23	11/14/24 17:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*105*		*57 - 145*	*11/12/24 16:23*	*11/14/24 17:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**82.0**		0.1	0.1	%			11/12/24 13:49	1
Percent Moisture (SM22 2540G)	**18.0**		0.1	0.1	%			11/12/24 13:49	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145558-1

Client Sample ID: CP_67_1
Date Collected: 11/04/24 10:00
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-5
Matrix: Solid
Percent Solids: 87.9

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0061	0.0026	mg/Kg	☼	11/12/24 16:23	11/14/24 18:07	1
2-Methylnaphthalene	ND		0.0067	0.0033	mg/Kg	☼	11/12/24 16:23	11/14/24 18:07	1
Benzo[a]anthracene	**0.24**		0.0061	0.0025	mg/Kg	☼	11/12/24 16:23	11/14/24 18:07	1
Benzo[a]pyrene	**0.41**		0.0061	0.0021	mg/Kg	☼	11/12/24 16:23	11/14/24 18:07	1
Benzo[b]fluoranthene	**0.48**		0.0056	0.0013	mg/Kg	☼	11/12/24 16:23	11/14/24 18:07	1
Benzo[k]fluoranthene	**0.14**		0.0061	0.0019	mg/Kg	☼	11/12/24 16:23	11/14/24 18:07	1
Chrysene	**0.30**		0.0056	0.0017	mg/Kg	☼	11/12/24 16:23	11/14/24 18:07	1
Dibenz(a,h)anthracene	**0.080**		0.0061	0.00080	mg/Kg	☼	11/12/24 16:23	11/14/24 18:07	1
Indeno[1,2,3-cd]pyrene	**0.25**		0.0061	0.0024	mg/Kg	☼	11/12/24 16:23	11/14/24 18:07	1
Naphthalene	**0.0060**		0.0056	0.0018	mg/Kg	☼	11/12/24 16:23	11/14/24 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*100*		*57 - 145*	*11/12/24 16:23*	*11/14/24 18:07*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**87.9**		0.1	0.1	%			11/12/24 13:49	1
Percent Moisture (SM22 2540G)	**12.1**		0.1	0.1	%			11/12/24 13:49	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145558-1

Client Sample ID: CP_65_1
Date Collected: 11/04/24 10:30
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-6
Matrix: Solid
Percent Solids: 86.0

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0063	0.0027	mg/Kg	☼	11/12/24 16:23	11/14/24 18:28	1
2-Methylnaphthalene	**0.0037**	**J**	0.0069	0.0034	mg/Kg	☼	11/12/24 16:23	11/14/24 18:28	1
Benzo[a]anthracene	**1.1**		0.0063	0.0026	mg/Kg	☼	11/12/24 16:23	11/14/24 18:28	1
Benzo[a]pyrene	**2.0**		0.0063	0.0022	mg/Kg	☼	11/12/24 16:23	11/14/24 18:28	1
Benzo[b]fluoranthene	**2.3**		0.0057	0.0013	mg/Kg	☼	11/12/24 16:23	11/14/24 18:28	1
Benzo[k]fluoranthene	**0.80**		0.0063	0.0020	mg/Kg	☼	11/12/24 16:23	11/14/24 18:28	1
Chrysene	**1.3**		0.0057	0.0017	mg/Kg	☼	11/12/24 16:23	11/14/24 18:28	1
Dibenz(a,h)anthracene	**0.32**		0.0063	0.00083	mg/Kg	☼	11/12/24 16:23	11/14/24 18:28	1
Indeno[1,2,3-cd]pyrene	**1.2**		0.0063	0.0025	mg/Kg	☼	11/12/24 16:23	11/14/24 18:28	1
Naphthalene	**0.0034**	**J**	0.0057	0.0019	mg/Kg	☼	11/12/24 16:23	11/14/24 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*105*		*57 - 145*	*11/12/24 16:23*	*11/14/24 18:28*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**86.0**		0.1	0.1	%			11/12/24 13:49	1
Percent Moisture (SM22 2540G)	**14.0**		0.1	0.1	%			11/12/24 13:49	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145558-1

Client Sample ID: CP_81_1
Date Collected: 11/04/24 11:00
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-7
Matrix: Solid
Percent Solids: 86.7

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0062	0.0027	mg/Kg	☼	11/12/24 16:23	11/14/24 18:49	1
2-Methylnaphthalene	ND		0.0068	0.0033	mg/Kg	☼	11/12/24 16:23	11/14/24 18:49	1
Benzo[a]anthracene	**0.23**		0.0062	0.0025	mg/Kg	☼	11/12/24 16:23	11/14/24 18:49	1
Benzo[a]pyrene	**0.40**		0.0062	0.0022	mg/Kg	☼	11/12/24 16:23	11/14/24 18:49	1
Benzo[b]fluoranthene	**0.45**		0.0057	0.0013	mg/Kg	☼	11/12/24 16:23	11/14/24 18:49	1
Benzo[k]fluoranthene	**0.14**		0.0062	0.0020	mg/Kg	☼	11/12/24 16:23	11/14/24 18:49	1
Chrysene	**0.30**		0.0057	0.0017	mg/Kg	☼	11/12/24 16:23	11/14/24 18:49	1
Dibenz(a,h)anthracene	**0.074**		0.0062	0.00081	mg/Kg	☼	11/12/24 16:23	11/14/24 18:49	1
Indeno[1,2,3-cd]pyrene	**0.23**		0.0062	0.0025	mg/Kg	☼	11/12/24 16:23	11/14/24 18:49	1
Naphthalene	ND		0.0057	0.0018	mg/Kg	☼	11/12/24 16:23	11/14/24 18:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*105*		*57 - 145*	*11/12/24 16:23*	*11/14/24 18:49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**86.7**		0.1	0.1	%			11/12/24 13:49	1
Percent Moisture (SM22 2540G)	**13.3**		0.1	0.1	%			11/12/24 13:49	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145558-1

Client Sample ID: CP_82_1
Date Collected: 11/04/24 11:30
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-8
Matrix: Solid
Percent Solids: 84.9

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0060	0.0026	mg/Kg	☼	11/12/24 16:23	11/14/24 19:10	1
2-Methylnaphthalene	**0.0050**	**J**	0.0066	0.0032	mg/Kg	☼	11/12/24 16:23	11/14/24 19:10	1
Benzo[a]anthracene	**0.21**		0.0060	0.0024	mg/Kg	☼	11/12/24 16:23	11/14/24 19:10	1
Benzo[a]pyrene	**0.37**		0.0060	0.0021	mg/Kg	☼	11/12/24 16:23	11/14/24 19:10	1
Benzo[b]fluoranthene	**0.44**		0.0055	0.0013	mg/Kg	☼	11/12/24 16:23	11/14/24 19:10	1
Benzo[k]fluoranthene	**0.15**		0.0060	0.0019	mg/Kg	☼	11/12/24 16:23	11/14/24 19:10	1
Chrysene	**0.28**		0.0055	0.0016	mg/Kg	☼	11/12/24 16:23	11/14/24 19:10	1
Dibenz(a,h)anthracene	**0.070**		0.0060	0.00079	mg/Kg	☼	11/12/24 16:23	11/14/24 19:10	1
Indeno[1,2,3-cd]pyrene	**0.22**		0.0060	0.0024	mg/Kg	☼	11/12/24 16:23	11/14/24 19:10	1
Naphthalene	**0.014**		0.0055	0.0018	mg/Kg	☼	11/12/24 16:23	11/14/24 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*106*		*57 - 145*	*11/12/24 16:23*	*11/14/24 19:10*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**84.9**		0.1	0.1	%			11/12/24 13:49	1
Percent Moisture (SM22 2540G)	**15.1**		0.1	0.1	%			11/12/24 13:49	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145558-1

Client Sample ID: CP_121_1
Date Collected: 11/04/24 09:50
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-9
Matrix: Solid
Percent Solids: 85.8

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0070	0.0030	mg/Kg	☼	11/12/24 16:23	11/14/24 19:31	1
2-Methylnaphthalene	ND		0.0076	0.0037	mg/Kg	☼	11/12/24 16:23	11/14/24 19:31	1
Benzo[a]anthracene	**0.16**		0.0070	0.0028	mg/Kg	☼	11/12/24 16:23	11/14/24 19:31	1
Benzo[a]pyrene	**0.27**		0.0070	0.0024	mg/Kg	☼	11/12/24 16:23	11/14/24 19:31	1
Benzo[b]fluoranthene	**0.32**		0.0064	0.0015	mg/Kg	☼	11/12/24 16:23	11/14/24 19:31	1
Benzo[k]fluoranthene	**0.11**		0.0070	0.0022	mg/Kg	☼	11/12/24 16:23	11/14/24 19:31	1
Chrysene	**0.22**		0.0064	0.0019	mg/Kg	☼	11/12/24 16:23	11/14/24 19:31	1
Dibenz(a,h)anthracene	**0.053**		0.0070	0.00092	mg/Kg	☼	11/12/24 16:23	11/14/24 19:31	1
Indeno[1,2,3-cd]pyrene	**0.17**		0.0070	0.0028	mg/Kg	☼	11/12/24 16:23	11/14/24 19:31	1
Naphthalene	ND		0.0064	0.0021	mg/Kg	☼	11/12/24 16:23	11/14/24 19:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*105*		*57 - 145*	*11/12/24 16:23*	*11/14/24 19:31*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**85.8**		0.1	0.1	%			11/12/24 13:49	1
Percent Moisture (SM22 2540G)	**14.2**		0.1	0.1	%			11/12/24 13:49	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145558-1

Client Sample ID: CP_94_1
Date Collected: 11/04/24 10:10
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-10
Matrix: Solid
Percent Solids: 84.7

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0065	0.0028	mg/Kg	☼	11/12/24 16:23	11/14/24 19:52	1
2-Methylnaphthalene	**0.0047**	**J**	0.0070	0.0035	mg/Kg	☼	11/12/24 16:23	11/14/24 19:52	1
Benzo[a]anthracene	**0.33**		0.0065	0.0026	mg/Kg	☼	11/12/24 16:23	11/14/24 19:52	1
Benzo[a]pyrene	**0.55**		0.0065	0.0023	mg/Kg	☼	11/12/24 16:23	11/14/24 19:52	1
Benzo[b]fluoranthene	**0.49**		0.0059	0.0014	mg/Kg	☼	11/12/24 16:23	11/14/24 19:52	1
Benzo[k]fluoranthene	**0.16**		0.0065	0.0020	mg/Kg	☼	11/12/24 16:23	11/14/24 19:52	1
Chrysene	**0.42**		0.0059	0.0018	mg/Kg	☼	11/12/24 16:23	11/14/24 19:52	1
Dibenz(a,h)anthracene	**0.096**		0.0065	0.00084	mg/Kg	☼	11/12/24 16:23	11/14/24 19:52	1
Indeno[1,2,3-cd]pyrene	**0.25**		0.0065	0.0026	mg/Kg	☼	11/12/24 16:23	11/14/24 19:52	1
Naphthalene	**0.0039**	**J**	0.0059	0.0019	mg/Kg	☼	11/12/24 16:23	11/14/24 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*102*		*57 - 145*	*11/12/24 16:23*	*11/14/24 19:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**84.7**		0.1	0.1	%			11/12/24 13:49	1
Percent Moisture (SM22 2540G)	**15.3**		0.1	0.1	%			11/12/24 13:49	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145558-1

Client Sample ID: CP_111_1
Date Collected: 11/04/24 10:30
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-11
Matrix: Solid
Percent Solids: 85.4

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0060	0.0026	mg/Kg	☼	11/12/24 16:23	11/14/24 20:13	1
2-Methylnaphthalene	**0.0057**	**J**	0.0066	0.0032	mg/Kg	☼	11/12/24 16:23	11/14/24 20:13	1
Benzo[a]anthracene	**0.57**		0.0060	0.0024	mg/Kg	☼	11/12/24 16:23	11/14/24 20:13	1
Benzo[a]pyrene	**0.94**		0.0060	0.0021	mg/Kg	☼	11/12/24 16:23	11/14/24 20:13	1
Benzo[b]fluoranthene	**0.99**		0.0055	0.0013	mg/Kg	☼	11/12/24 16:23	11/14/24 20:13	1
Benzo[k]fluoranthene	**0.32**		0.0060	0.0019	mg/Kg	☼	11/12/24 16:23	11/14/24 20:13	1
Chrysene	**0.64**		0.0055	0.0016	mg/Kg	☼	11/12/24 16:23	11/14/24 20:13	1
Dibenz(a,h)anthracene	**0.16**		0.0060	0.00079	mg/Kg	☼	11/12/24 16:23	11/14/24 20:13	1
Indeno[1,2,3-cd]pyrene	**0.53**		0.0060	0.0024	mg/Kg	☼	11/12/24 16:23	11/14/24 20:13	1
Naphthalene	**0.0056**		0.0055	0.0018	mg/Kg	☼	11/12/24 16:23	11/14/24 20:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*99*		*57 - 145*	*11/12/24 16:23*	*11/14/24 20:13*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**85.4**		0.1	0.1	%			11/12/24 13:49	1
Percent Moisture (SM22 2540G)	**14.6**		0.1	0.1	%			11/12/24 13:49	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145558-1

Client Sample ID: CP_98_1
Date Collected: 11/04/24 10:50
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-12
Matrix: Solid
Percent Solids: 90.5

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0062	0.0027	mg/Kg	☼	11/13/24 20:54	11/21/24 00:47	1
2-Methylnaphthalene	ND		0.0068	0.0033	mg/Kg	☼	11/13/24 20:54	11/21/24 00:47	1
Benzo[a]anthracene	**0.11**		0.0062	0.0025	mg/Kg	☼	11/13/24 20:54	11/21/24 00:47	1
Benzo[a]pyrene	**0.19**		0.0062	0.0022	mg/Kg	☼	11/13/24 20:54	11/21/24 00:47	1
Benzo[b]fluoranthene	**0.17**		0.0057	0.0013	mg/Kg	☼	11/13/24 20:54	11/21/24 00:47	1
Benzo[k]fluoranthene	**0.071**		0.0062	0.0020	mg/Kg	☼	11/13/24 20:54	11/21/24 00:47	1
Chrysene	**0.14**		0.0057	0.0017	mg/Kg	☼	11/13/24 20:54	11/21/24 00:47	1
Dibenz(a,h)anthracene	ND		0.0062	0.00082	mg/Kg	☼	11/13/24 20:54	11/21/24 00:47	1
Indeno[1,2,3-cd]pyrene	**0.11**		0.0062	0.0025	mg/Kg	☼	11/13/24 20:54	11/21/24 00:47	1
Naphthalene	**0.0020**	**J**	0.0057	0.0018	mg/Kg	☼	11/13/24 20:54	11/21/24 00:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*106*		*57 - 145*	*11/13/24 20:54*	*11/21/24 00:47*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**90.5**		0.1	0.1	%			11/12/24 13:49	1
Percent Moisture (SM22 2540G)	**9.5**		0.1	0.1	%			11/12/24 13:49	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145558-1

Client Sample ID: CP_79_1
Date Collected: 11/04/24 11:50
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-13
Matrix: Solid
Percent Solids: 85.4

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.0027	J	0.0059	0.0026	mg/Kg	☼	11/13/24 20:54	11/21/24 01:11	1
2-Methylnaphthalene	0.0044	J	0.0065	0.0032	mg/Kg	☼	11/13/24 20:54	11/21/24 01:11	1
Benzo[a]anthracene	0.52		0.0059	0.0024	mg/Kg	☼	11/13/24 20:54	11/21/24 01:11	1
Benzo[a]pyrene	0.92		0.0059	0.0021	mg/Kg	☼	11/13/24 20:54	11/21/24 01:11	1
Benzo[b]fluoranthene	0.83		0.0054	0.0013	mg/Kg	☼	11/13/24 20:54	11/21/24 01:11	1
Benzo[k]fluoranthene	0.36		0.0059	0.0019	mg/Kg	☼	11/13/24 20:54	11/21/24 01:11	1
Chrysene	0.67		0.0054	0.0016	mg/Kg	☼	11/13/24 20:54	11/21/24 01:11	1
Dibenz(a,h)anthracene	ND		0.0059	0.00078	mg/Kg	☼	11/13/24 20:54	11/21/24 01:11	1
Indeno[1,2,3-cd]pyrene	0.53		0.0059	0.0024	mg/Kg	☼	11/13/24 20:54	11/21/24 01:11	1
Naphthalene	0.0045	J	0.0054	0.0018	mg/Kg	☼	11/13/24 20:54	11/21/24 01:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*116*		*57 - 145*	*11/13/24 20:54*	*11/21/24 01:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	85.4		0.1	0.1	%			11/12/24 13:49	1
Percent Moisture (SM22 2540G)	14.6		0.1	0.1	%			11/12/24 13:49	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145558-1

Client Sample ID: CP_93_1
Date Collected: 11/04/24 12:10
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-14
Matrix: Solid
Percent Solids: 87.3

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0061	0.0026	mg/Kg	☼	11/13/24 20:54	11/21/24 01:35	1
2-Methylnaphthalene	ND		0.0066	0.0033	mg/Kg	☼	11/13/24 20:54	11/21/24 01:35	1
Benzo[a]anthracene	**0.17**		0.0061	0.0025	mg/Kg	☼	11/13/24 20:54	11/21/24 01:35	1
Benzo[a]pyrene	**0.30**		0.0061	0.0021	mg/Kg	☼	11/13/24 20:54	11/21/24 01:35	1
Benzo[b]fluoranthene	**0.32**		0.0055	0.0013	mg/Kg	☼	11/13/24 20:54	11/21/24 01:35	1
Benzo[k]fluoranthene	**0.099**		0.0061	0.0019	mg/Kg	☼	11/13/24 20:54	11/21/24 01:35	1
Chrysene	**0.23**		0.0055	0.0017	mg/Kg	☼	11/13/24 20:54	11/21/24 01:35	1
Dibenz(a,h)anthracene	ND		0.0061	0.00080	mg/Kg	☼	11/13/24 20:54	11/21/24 01:35	1
Indeno[1,2,3-cd]pyrene	**0.19**		0.0061	0.0024	mg/Kg	☼	11/13/24 20:54	11/21/24 01:35	1
Naphthalene	**0.0034**	**J**	0.0055	0.0018	mg/Kg	☼	11/13/24 20:54	11/21/24 01:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*120*		*57 - 145*	*11/13/24 20:54*	*11/21/24 01:35*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**87.3**		0.1	0.1	%			11/12/24 13:49	1
Percent Moisture (SM22 2540G)	**12.7**		0.1	0.1	%			11/12/24 13:49	1

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

Lab Sample ID: MB 580-477714/1-A
Matrix: Solid
Analysis Batch: 477898

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 477714

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0055	0.0024	mg/Kg		11/12/24 16:23	11/14/24 12:10	1
2-Methylnaphthalene	ND		0.0060	0.0030	mg/Kg		11/12/24 16:23	11/14/24 12:10	1
Benzo[a]anthracene	ND		0.0055	0.0022	mg/Kg		11/12/24 16:23	11/14/24 12:10	1
Benzo[a]pyrene	ND		0.0055	0.0019	mg/Kg		11/12/24 16:23	11/14/24 12:10	1
Benzo[b]fluoranthene	ND		0.0050	0.0012	mg/Kg		11/12/24 16:23	11/14/24 12:10	1
Benzo[k]fluoranthene	ND		0.0055	0.0017	mg/Kg		11/12/24 16:23	11/14/24 12:10	1
Chrysene	ND		0.0050	0.0015	mg/Kg		11/12/24 16:23	11/14/24 12:10	1
Dibenz(a,h)anthracene	ND		0.0055	0.00072	mg/Kg		11/12/24 16:23	11/14/24 12:10	1
Indeno[1,2,3-cd]pyrene	ND		0.0055	0.0022	mg/Kg		11/12/24 16:23	11/14/24 12:10	1
Naphthalene	ND		0.0050	0.0016	mg/Kg		11/12/24 16:23	11/14/24 12:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*103*		*57 - 145*	*11/12/24 16:23*	*11/14/24 12:10*	*1*

Lab Sample ID: LCS 580-477714/2-A
Matrix: Solid
Analysis Batch: 477898

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 477714

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	2.00	1.77		mg/Kg		89	64 - 120
2-Methylnaphthalene	2.00	1.79		mg/Kg		89	64 - 120
Benzo[a]anthracene	2.00	1.91		mg/Kg		96	66 - 127
Benzo[a]pyrene	2.00	2.07		mg/Kg		104	66 - 124
Benzo[b]fluoranthene	2.00	2.05		mg/Kg		102	54 - 122
Benzo[k]fluoranthene	2.00	1.95		mg/Kg		98	51 - 131
Chrysene	2.00	1.81		mg/Kg		90	57 - 128
Dibenz(a,h)anthracene	2.00	2.06		mg/Kg		103	64 - 133
Indeno[1,2,3-cd]pyrene	2.00	2.16		mg/Kg		108	63 - 132
Naphthalene	2.00	1.77		mg/Kg		88	65 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14	*101*		*57 - 145*

Lab Sample ID: MB 580-477863/1-A
Matrix: Solid
Analysis Batch: 478442

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 477863

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0055	0.0024	mg/Kg		11/13/24 20:54	11/20/24 17:06	1
2-Methylnaphthalene	ND		0.0060	0.0030	mg/Kg		11/13/24 20:54	11/20/24 17:06	1
Benzo[a]anthracene	ND		0.0055	0.0022	mg/Kg		11/13/24 20:54	11/20/24 17:06	1
Benzo[a]pyrene	ND		0.0055	0.0019	mg/Kg		11/13/24 20:54	11/20/24 17:06	1
Benzo[b]fluoranthene	ND		0.0050	0.0012	mg/Kg		11/13/24 20:54	11/20/24 17:06	1
Benzo[k]fluoranthene	ND		0.0055	0.0017	mg/Kg		11/13/24 20:54	11/20/24 17:06	1
Chrysene	ND		0.0050	0.0015	mg/Kg		11/13/24 20:54	11/20/24 17:06	1
Dibenz(a,h)anthracene	ND		0.0055	0.00072	mg/Kg		11/13/24 20:54	11/20/24 17:06	1
Indeno[1,2,3-cd]pyrene	ND		0.0055	0.0022	mg/Kg		11/13/24 20:54	11/20/24 17:06	1
Naphthalene	ND		0.0050	0.0016	mg/Kg		11/13/24 20:54	11/20/24 17:06	1

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14	95		57 - 145	11/13/24 20:54	11/20/24 17:06	1

Lab Sample ID: LCS 580-477863/2-A
Matrix: Solid
Analysis Batch: 478508

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 477863

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	2.00	1.78		mg/Kg		89	64 - 120
2-Methylnaphthalene	2.00	1.79		mg/Kg		89	64 - 120
Benzo[a]anthracene	2.00	1.90		mg/Kg		95	66 - 127
Benzo[a]pyrene	2.00	1.94		mg/Kg		97	66 - 124
Benzo[b]fluoranthene	2.00	1.96		mg/Kg		98	54 - 122
Benzo[k]fluoranthene	2.00	1.72		mg/Kg		86	51 - 131
Chrysene	2.00	1.75		mg/Kg		87	57 - 128
Dibenz(a,h)anthracene	2.00	1.83		mg/Kg		92	64 - 133
Indeno[1,2,3-cd]pyrene	2.00	1.97		mg/Kg		98	63 - 132
Naphthalene	2.00	1.75		mg/Kg		87	65 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Terphenyl-d14	102		57 - 145

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145558-1

Client Sample ID: CP_46_1
Date Collected: 11/04/24 08:15
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477433	TOA	EET SEA	11/09/24 09:33
Total/NA	Analysis	2540G		1	477688	SCS	EET SEA	11/12/24 13:49

Client Sample ID: CP_46_1
Date Collected: 11/04/24 08:15
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-1
Matrix: Solid
Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477433	TOA	EET SEA	11/09/24 09:33
Total/NA	Prep	3546			477714	KI	EET SEA	11/12/24 16:23
Total/NA	Analysis	8270E SIM		1	477898	CB	EET SEA	11/14/24 16:43

Client Sample ID: CP_55_1
Date Collected: 11/04/24 08:35
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477433	TOA	EET SEA	11/09/24 09:33
Total/NA	Analysis	2540G		1	477688	SCS	EET SEA	11/12/24 13:49

Client Sample ID: CP_55_1
Date Collected: 11/04/24 08:35
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-2
Matrix: Solid
Percent Solids: 81.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477433	TOA	EET SEA	11/09/24 09:33
Total/NA	Prep	3546			477714	KI	EET SEA	11/12/24 16:23
Total/NA	Analysis	8270E SIM		1	477898	CB	EET SEA	11/14/24 17:04

Client Sample ID: CP_53_1
Date Collected: 11/04/24 09:00
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477433	TOA	EET SEA	11/09/24 09:33
Total/NA	Analysis	2540G		1	477688	SCS	EET SEA	11/12/24 13:49

Client Sample ID: CP_53_1
Date Collected: 11/04/24 09:00
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-3
Matrix: Solid
Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477433	TOA	EET SEA	11/09/24 09:33
Total/NA	Prep	3546			477714	KI	EET SEA	11/12/24 16:23
Total/NA	Analysis	8270E SIM		1	477898	CB	EET SEA	11/14/24 17:25

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145558-1

Client Sample ID: CP_68_1
Date Collected: 11/04/24 09:30
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477433	TOA	EET SEA	11/09/24 09:33
Total/NA	Analysis	2540G		1	477688	SCS	EET SEA	11/12/24 13:49

Client Sample ID: CP_68_1
Date Collected: 11/04/24 09:30
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-4
Matrix: Solid
Percent Solids: 82.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477433	TOA	EET SEA	11/09/24 09:33
Total/NA	Prep	3546			477714	KI	EET SEA	11/12/24 16:23
Total/NA	Analysis	8270E SIM		1	477898	CB	EET SEA	11/14/24 17:46

Client Sample ID: CP_67_1
Date Collected: 11/04/24 10:00
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477433	TOA	EET SEA	11/09/24 09:33
Total/NA	Analysis	2540G		1	477688	SCS	EET SEA	11/12/24 13:49

Client Sample ID: CP_67_1
Date Collected: 11/04/24 10:00
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-5
Matrix: Solid
Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477433	TOA	EET SEA	11/09/24 09:33
Total/NA	Prep	3546			477714	KI	EET SEA	11/12/24 16:23
Total/NA	Analysis	8270E SIM		1	477898	CB	EET SEA	11/14/24 18:07

Client Sample ID: CP_65_1
Date Collected: 11/04/24 10:30
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477433	TOA	EET SEA	11/09/24 09:33
Total/NA	Analysis	2540G		1	477688	SCS	EET SEA	11/12/24 13:49

Client Sample ID: CP_65_1
Date Collected: 11/04/24 10:30
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-6
Matrix: Solid
Percent Solids: 86.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477433	TOA	EET SEA	11/09/24 09:33
Total/NA	Prep	3546			477714	KI	EET SEA	11/12/24 16:23
Total/NA	Analysis	8270E SIM		1	477898	CB	EET SEA	11/14/24 18:28

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145558-1

Client Sample ID: CP_81_1
Date Collected: 11/04/24 11:00
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477433	TOA	EET SEA	11/09/24 09:33
Total/NA	Analysis	2540G		1	477688	SCS	EET SEA	11/12/24 13:49

Client Sample ID: CP_81_1
Date Collected: 11/04/24 11:00
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-7
Matrix: Solid
Percent Solids: 86.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477433	TOA	EET SEA	11/09/24 09:33
Total/NA	Prep	3546			477714	KI	EET SEA	11/12/24 16:23
Total/NA	Analysis	8270E SIM		1	477898	CB	EET SEA	11/14/24 18:49

Client Sample ID: CP_82_1
Date Collected: 11/04/24 11:30
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477433	TOA	EET SEA	11/09/24 09:33
Total/NA	Analysis	2540G		1	477688	SCS	EET SEA	11/12/24 13:49

Client Sample ID: CP_82_1
Date Collected: 11/04/24 11:30
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-8
Matrix: Solid
Percent Solids: 84.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477433	TOA	EET SEA	11/09/24 09:33
Total/NA	Prep	3546			477714	KI	EET SEA	11/12/24 16:23
Total/NA	Analysis	8270E SIM		1	477898	CB	EET SEA	11/14/24 19:10

Client Sample ID: CP_121_1
Date Collected: 11/04/24 09:50
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477433	TOA	EET SEA	11/09/24 09:33
Total/NA	Analysis	2540G		1	477688	SCS	EET SEA	11/12/24 13:49

Client Sample ID: CP_121_1
Date Collected: 11/04/24 09:50
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-9
Matrix: Solid
Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477433	TOA	EET SEA	11/09/24 09:33
Total/NA	Prep	3546			477714	KI	EET SEA	11/12/24 16:23
Total/NA	Analysis	8270E SIM		1	477898	CB	EET SEA	11/14/24 19:31

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145558-1

Client Sample ID: CP_94_1
Date Collected: 11/04/24 10:10
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477433	TOA	EET SEA	11/09/24 09:41
Total/NA	Analysis	2540G		1	477688	SCS	EET SEA	11/12/24 13:49

Client Sample ID: CP_94_1
Date Collected: 11/04/24 10:10
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-10
Matrix: Solid
Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477433	TOA	EET SEA	11/09/24 09:41
Total/NA	Prep	3546			477714	KI	EET SEA	11/12/24 16:23
Total/NA	Analysis	8270E SIM		1	477898	CB	EET SEA	11/14/24 19:52

Client Sample ID: CP_111_1
Date Collected: 11/04/24 10:30
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477433	TOA	EET SEA	11/09/24 09:41
Total/NA	Analysis	2540G		1	477688	SCS	EET SEA	11/12/24 13:49

Client Sample ID: CP_111_1
Date Collected: 11/04/24 10:30
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-11
Matrix: Solid
Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477433	TOA	EET SEA	11/09/24 09:41
Total/NA	Prep	3546			477714	KI	EET SEA	11/12/24 16:23
Total/NA	Analysis	8270E SIM		1	477898	CB	EET SEA	11/14/24 20:13

Client Sample ID: CP_98_1
Date Collected: 11/04/24 10:50
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477433	TOA	EET SEA	11/09/24 09:41
Total/NA	Analysis	2540G		1	477688	SCS	EET SEA	11/12/24 13:49

Client Sample ID: CP_98_1
Date Collected: 11/04/24 10:50
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-12
Matrix: Solid
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477433	TOA	EET SEA	11/09/24 09:41
Total/NA	Prep	3546			477863	ER	EET SEA	11/13/24 20:54
Total/NA	Analysis	8270E SIM		1	478442	T1L	EET SEA	11/21/24 00:47

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145558-1

Client Sample ID: CP_79_1
Date Collected: 11/04/24 11:50
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477433	TOA	EET SEA	11/09/24 09:41
Total/NA	Analysis	2540G		1	477688	SCS	EET SEA	11/12/24 13:49

Client Sample ID: CP_79_1
Date Collected: 11/04/24 11:50
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-13
Matrix: Solid
Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477433	TOA	EET SEA	11/09/24 09:41
Total/NA	Prep	3546			477863	ER	EET SEA	11/13/24 20:54
Total/NA	Analysis	8270E SIM		1	478442	T1L	EET SEA	11/21/24 01:11

Client Sample ID: CP_93_1
Date Collected: 11/04/24 12:10
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477433	TOA	EET SEA	11/09/24 09:41
Total/NA	Analysis	2540G		1	477688	SCS	EET SEA	11/12/24 13:49

Client Sample ID: CP_93_1
Date Collected: 11/04/24 12:10
Date Received: 11/05/24 09:45

Lab Sample ID: 580-145558-14
Matrix: Solid
Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477433	TOA	EET SEA	11/09/24 09:41
Total/NA	Prep	3546			477863	ER	EET SEA	11/13/24 20:54
Total/NA	Analysis	8270E SIM		1	478442	T1L	EET SEA	11/21/24 01:35

Laboratory References:
EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145558-1

Laboratory: Eurofins Seattle

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C788-24	07-13-25

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

Analysis Method	Prep Method	Matrix	Analyte
2540G		Solid	Percent Solids

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145558-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-145558-1	CP_46_1	Solid	11/04/24 08:15	11/05/24 09:45
580-145558-2	CP_55_1	Solid	11/04/24 08:35	11/05/24 09:45
580-145558-3	CP_53_1	Solid	11/04/24 09:00	11/05/24 09:45
580-145558-4	CP_68_1	Solid	11/04/24 09:30	11/05/24 09:45
580-145558-5	CP_67_1	Solid	11/04/24 10:00	11/05/24 09:45
580-145558-6	CP_65_1	Solid	11/04/24 10:30	11/05/24 09:45
580-145558-7	CP_81_1	Solid	11/04/24 11:00	11/05/24 09:45
580-145558-8	CP_82_1	Solid	11/04/24 11:30	11/05/24 09:45
580-145558-9	CP_121_1	Solid	11/04/24 09:50	11/05/24 09:45
580-145558-10	CP_94_1	Solid	11/04/24 10:10	11/05/24 09:45
580-145558-11	CP_111_1	Solid	11/04/24 10:30	11/05/24 09:45
580-145558-12	CP_98_1	Solid	11/04/24 10:50	11/05/24 09:45
580-145558-13	CP_79_1	Solid	11/04/24 11:50	11/05/24 09:45
580-145558-14	CP_93_1	Solid	11/04/24 12:10	11/05/24 09:45

5765 8th Street East
Tacoma, WA 98424

Chain of Custody Record

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Client Information	Sampler: CAL, BG	Lab PM:	Carrier Tracking No(s):	COC No:
Client Contact: Breeyn Greer	Phone: 612-232-7343	E-Mail:	State of Origin:	Page: ~~Page 1 of 1~~ 1 of 2
Company: Haley & Aldrich	PWSID:			Job #:
Address: 505 W Riverside ave ste 450	Due Date Requested:			
City: Spokane	TAT Requested (days): STD			
State, Zip: Wa 99201	Compliance Project: Δ Yes Δ No			
Phone: 612-232-7343	PO #: Purchase Order not required			
Email: bgreer@haleyaldrich.com	WO #:			
Project Name: CVSD Run Club	Project #: 02002349			
Site: 02002349	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	cPAHs Project specific List 1Sm processing	Perform MS/MSD (Yes or No)	Special Instructions/Note:
		Preservation Code:						
CP_46_1	11-04-24	8:15	C	Soil		X	X	
CP_55_1		8:35				X	X	
CP_53_1		9:00				X	X	
CP_68_1		9:30				X	X	
CP_67_1		10:00				X	X	
CP_65_1		10:30				X	X	
CP_81_1		11:00				X	X	
CP_82_1		11:30				X	X	
CP_121_1		9:50				X	X	
CP_94_1		1010				X	X	
CP_111_1		10:30				X	X	

580-145558 Chain of Custody

Therm. ID: 14 Cor: 1.5 ° Unc: 1.1 °
Cooler Dsc: L-B FedEx:
Packing: None UPS: Next Day
Cust. Seal: Yes X No Lab Courr:
Blue Ice, (Ice), Dry, None Other:

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☒ Archive For 1 Months

Deliverable Requested: I, II, III, IV, Other (specify) EDD

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Breeyn Greer	11/4/24 1320	HA	Brook Moore	11/05/24 945	EETN
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

11/21/2024

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5755 9th Street East
Tacoma, WA 98424

Chain of Custody Record

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Client Information	Sampler: CAL, BG,	Lab PM:	Carrier Tracking No(s):	COC No:
Client Contact: Breeyn Greer	Phone: 612-232-7343	E-Mail:	State of Origin:	Page: ~~Page 1 of 1~~ 2of2
Company: Haley + Aldrich	PWSID:			Job #:
Address: 505 w Riverside ave ste 450	Due Date Requested:			
City: Spokane	TAT Requested (days): STD			
State, Zip: Wa 99201	Compliance Project: Δ Yes Δ No			
Phone: 612-232-7343	PO #: Purchase Order not required			
Email: bgreer@haleyaldrich.com	WO #:			
Project Name: CVSD Gun Club	Project #: 0202349			
Site: 0202349	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	cPAHs Project specific List 1 Sim processing	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
~~CP_111_1~~ CL	11-04-24	10:30	C	Soil			XX CL		
CP_98_1		10:50					X X		
CP_79_1		11:50					X X		
CP_93_1		12:10					X X		

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☒ Archive For 1 Months

Deliverable Requested: I, II, III, IV, Other (specify) EDD

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Brenden	11/4/24 1320	HA	Brook Moore	11/05/24 945	EETN
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 580-145558-1

Login Number: 145558
List Number: 1
Creator: Groves, Elizabeth

List Source: Eurofins Seattle

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Breeyn Greer
Haley & Aldrich, Inc.
505 W Riverside Ave
Suite 450
Spokane, Washington 99201

Generated 11/21/2024 5:13:40 PM

JOB DESCRIPTION

CVSD Gun Club

JOB NUMBER

580-145637-1

Eurofins Seattle
5755 8th Street East
Tacoma WA 98424

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

Authorization



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11/21/2024 5:13:40 PM

Authorized for release by
Tracy Dutton, Client Relations Manager
Tracy.Dutton@et.eurofinsus.com
(253)248-4970

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Job Narrative
580-145637-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/8/2024 9:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.7°C.

ISM Processing
All samples were processed via ISM prior to extraction and analysis. 8270E SIM was processed via ISM as received

GC/MS Semi VOA
Method 8270E_SIM: The following samples were diluted due to dark coloration of the sample: CP_128_1 (580-145637-5), (580-145670-A-1-I), (580-145670-A-1-J MS) and (580-145670-A-1-K MSD). Elevated reporting limits (RL) are provided.

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

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

Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145637-1

Qualifiers

GC/MS Semi VOA

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

Glossary

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

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145637-1

Client Sample ID: CP_136_1
Date Collected: 11/07/24 12:00
Date Received: 11/08/24 09:45

Lab Sample ID: 580-145637-1
Matrix: Solid
Percent Solids: 85.8

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.0027	J	0.0062	0.0027	mg/Kg	☼	11/14/24 14:41	11/20/24 21:57	1
2-Methylnaphthalene	0.0057	J	0.0067	0.0033	mg/Kg	☼	11/14/24 14:41	11/20/24 21:57	1
Benzo[a]anthracene	0.19		0.0062	0.0025	mg/Kg	☼	11/14/24 14:41	11/20/24 21:57	1
Benzo[a]pyrene	0.32		0.0062	0.0022	mg/Kg	☼	11/14/24 14:41	11/20/24 21:57	1
Benzo[b]fluoranthene	0.24		0.0056	0.0013	mg/Kg	☼	11/14/24 14:41	11/20/24 21:57	1
Benzo[k]fluoranthene	0.091		0.0062	0.0019	mg/Kg	☼	11/14/24 14:41	11/20/24 21:57	1
Chrysene	0.26		0.0056	0.0017	mg/Kg	☼	11/14/24 14:41	11/20/24 21:57	1
Dibenz(a,h)anthracene	0.043		0.0062	0.00081	mg/Kg	☼	11/14/24 14:41	11/20/24 21:57	1
Indeno[1,2,3-cd]pyrene	0.11		0.0062	0.0025	mg/Kg	☼	11/14/24 14:41	11/20/24 21:57	1
Naphthalene	0.0053	J	0.0056	0.0018	mg/Kg	☼	11/14/24 14:41	11/20/24 21:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*98*		*57 - 145*	*11/14/24 14:41*	*11/20/24 21:57*	*1*

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	1.0				NONE			11/15/24 08:10	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	85.8		0.1	0.1	%			11/16/24 13:54	1
Percent Moisture (SM22 2540G)	14.2		0.1	0.1	%			11/16/24 13:54	1

Client Sample ID: CP_137_1

Date Collected: 11/07/24 12:00
Date Received: 11/08/24 09:45

Lab Sample ID: 580-145637-2

Matrix: Solid
Percent Solids: 86.6

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0063	0.0027	mg/Kg	☼	11/14/24 14:41	11/20/24 22:17	1
2-Methylnaphthalene	ND		0.0069	0.0034	mg/Kg	☼	11/14/24 14:41	11/20/24 22:17	1
Benzo[a]anthracene	**0.13**		0.0063	0.0026	mg/Kg	☼	11/14/24 14:41	11/20/24 22:17	1
Benzo[a]pyrene	**0.23**		0.0063	0.0022	mg/Kg	☼	11/14/24 14:41	11/20/24 22:17	1
Benzo[b]fluoranthene	**0.25**		0.0057	0.0013	mg/Kg	☼	11/14/24 14:41	11/20/24 22:17	1
Benzo[k]fluoranthene	**0.098**		0.0063	0.0020	mg/Kg	☼	11/14/24 14:41	11/20/24 22:17	1
Chrysene	**0.17**		0.0057	0.0017	mg/Kg	☼	11/14/24 14:41	11/20/24 22:17	1
Dibenz(a,h)anthracene	**0.038**		0.0063	0.00083	mg/Kg	☼	11/14/24 14:41	11/20/24 22:17	1
Indeno[1,2,3-cd]pyrene	**0.12**		0.0063	0.0025	mg/Kg	☼	11/14/24 14:41	11/20/24 22:17	1
Naphthalene	**0.0032**	**J**	0.0057	0.0019	mg/Kg	☼	11/14/24 14:41	11/20/24 22:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*90*		*57 - 145*	*11/14/24 14:41*	*11/20/24 22:17*	*1*

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	**1.0**				NONE			11/15/24 08:10	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**86.6**		0.1	0.1	%			11/16/24 13:54	1
Percent Moisture (SM22 2540G)	**13.4**		0.1	0.1	%			11/16/24 13:54	1

Client Sample ID: CP_135_1
Date Collected: 11/07/24 11:45
Date Received: 11/08/24 09:45

Lab Sample ID: 580-145637-3
Matrix: Solid
Percent Solids: 84.6

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.0050	J	0.0064	0.0028	mg/Kg	☼	11/14/24 14:41	11/20/24 22:38	1
2-Methylnaphthalene	0.0093		0.0069	0.0034	mg/Kg	☼	11/14/24 14:41	11/20/24 22:38	1
Benzo[a]anthracene	0.39		0.0064	0.0026	mg/Kg	☼	11/14/24 14:41	11/20/24 22:38	1
Benzo[a]pyrene	0.78		0.0064	0.0022	mg/Kg	☼	11/14/24 14:41	11/20/24 22:38	1
Benzo[b]fluoranthene	0.80		0.0058	0.0013	mg/Kg	☼	11/14/24 14:41	11/20/24 22:38	1
Benzo[k]fluoranthene	0.31		0.0064	0.0020	mg/Kg	☼	11/14/24 14:41	11/20/24 22:38	1
Chrysene	0.48		0.0058	0.0017	mg/Kg	☼	11/14/24 14:41	11/20/24 22:38	1
Dibenz(a,h)anthracene	0.13		0.0064	0.00083	mg/Kg	☼	11/14/24 14:41	11/20/24 22:38	1
Indeno[1,2,3-cd]pyrene	0.39		0.0064	0.0025	mg/Kg	☼	11/14/24 14:41	11/20/24 22:38	1
Naphthalene	0.0096		0.0058	0.0019	mg/Kg	☼	11/14/24 14:41	11/20/24 22:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*96*		*57 - 145*	*11/14/24 14:41*	*11/20/24 22:38*	*1*

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	1.0				NONE			11/15/24 08:10	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	84.6		0.1	0.1	%			11/16/24 13:59	1
Percent Moisture (SM22 2540G)	15.4		0.1	0.1	%			11/16/24 13:59	1

Client Sample ID: CP_145_1

Date Collected: 11/07/24 12:30
Date Received: 11/08/24 09:45

Lab Sample ID: 580-145637-4

Matrix: Solid
Percent Solids: 84.0

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.020		0.0065	0.0028	mg/Kg	☼	11/14/24 14:41	11/20/24 22:59	1
2-Methylnaphthalene	0.030		0.0071	0.0035	mg/Kg	☼	11/14/24 14:41	11/20/24 22:59	1
Benzo[a]anthracene	0.68		0.0065	0.0026	mg/Kg	☼	11/14/24 14:41	11/20/24 22:59	1
Benzo[a]pyrene	0.94		0.0065	0.0023	mg/Kg	☼	11/14/24 14:41	11/20/24 22:59	1
Benzo[b]fluoranthene	0.95		0.0059	0.0014	mg/Kg	☼	11/14/24 14:41	11/20/24 22:59	1
Benzo[k]fluoranthene	0.24		0.0065	0.0021	mg/Kg	☼	11/14/24 14:41	11/20/24 22:59	1
Chrysene	0.98		0.0059	0.0018	mg/Kg	☼	11/14/24 14:41	11/20/24 22:59	1
Dibenz(a,h)anthracene	0.13		0.0065	0.00085	mg/Kg	☼	11/14/24 14:41	11/20/24 22:59	1
Indeno[1,2,3-cd]pyrene	0.34		0.0065	0.0026	mg/Kg	☼	11/14/24 14:41	11/20/24 22:59	1
Naphthalene	0.021		0.0059	0.0019	mg/Kg	☼	11/14/24 14:41	11/20/24 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*97*		*57 - 145*	*11/14/24 14:41*	*11/20/24 22:59*	*1*

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	1.0				NONE			11/15/24 08:10	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	84.0		0.1	0.1	%			11/16/24 13:59	1
Percent Moisture (SM22 2540G)	16.0		0.1	0.1	%			11/16/24 13:59	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145637-1

Client Sample ID: CP_128_1
Date Collected: 11/07/24 11:30
Date Received: 11/08/24 09:45

Lab Sample ID: 580-145637-5
Matrix: Solid
Percent Solids: 83.7

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.29		0.062	0.027	mg/Kg	☼	11/14/24 14:41	11/20/24 23:20	10
2-Methylnaphthalene	0.43		0.068	0.033	mg/Kg	☼	11/14/24 14:41	11/20/24 23:20	10
Benzo[a]anthracene	40		0.062	0.025	mg/Kg	☼	11/14/24 14:41	11/20/24 23:20	10
Benzo[a]pyrene	56		0.062	0.022	mg/Kg	☼	11/14/24 14:41	11/20/24 23:20	10
Benzo[b]fluoranthene	54		0.057	0.013	mg/Kg	☼	11/14/24 14:41	11/20/24 23:20	10
Benzo[k]fluoranthene	19		0.062	0.020	mg/Kg	☼	11/14/24 14:41	11/20/24 23:20	10
Chrysene	57		0.057	0.017	mg/Kg	☼	11/14/24 14:41	11/20/24 23:20	10
Dibenz(a,h)anthracene	8.7		0.062	0.0082	mg/Kg	☼	11/14/24 14:41	11/20/24 23:20	10
Indeno[1,2,3-cd]pyrene	21		0.062	0.025	mg/Kg	☼	11/14/24 14:41	11/20/24 23:20	10
Naphthalene	0.42		0.057	0.018	mg/Kg	☼	11/14/24 14:41	11/20/24 23:20	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*104*		*57 - 145*	*11/14/24 14:41*	*11/20/24 23:20*	*10*

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	1.0				NONE			11/15/24 08:10	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	83.7		0.1	0.1	%			11/16/24 13:54	1
Percent Moisture (SM22 2540G)	16.3		0.1	0.1	%			11/16/24 13:54	1

Client Sample ID: CP_120_1

Date Collected: 11/07/24 11:00
Date Received: 11/08/24 09:45

Lab Sample ID: 580-145637-6

Matrix: Solid
Percent Solids: 87.8

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.61		0.059	0.026	mg/Kg	☼	11/15/24 11:51	11/19/24 02:57	10
2-Methylnaphthalene	0.94		0.065	0.032	mg/Kg	☼	11/15/24 11:51	11/19/24 02:57	10
Benzo[a]anthracene	57		0.059	0.024	mg/Kg	☼	11/15/24 11:51	11/19/24 02:57	10
Benzo[a]pyrene	98		0.059	0.021	mg/Kg	☼	11/15/24 11:51	11/19/24 02:57	10
Benzo[b]fluoranthene	98		0.054	0.012	mg/Kg	☼	11/15/24 11:51	11/19/24 02:57	10
Benzo[k]fluoranthene	41		0.059	0.019	mg/Kg	☼	11/15/24 11:51	11/19/24 02:57	10
Chrysene	70		0.054	0.016	mg/Kg	☼	11/15/24 11:51	11/19/24 02:57	10
Dibenz(a,h)anthracene	13		0.059	0.0078	mg/Kg	☼	11/15/24 11:51	11/19/24 02:57	10
Indeno[1,2,3-cd]pyrene	43		0.059	0.024	mg/Kg	☼	11/15/24 11:51	11/19/24 02:57	10
Naphthalene	0.84		0.054	0.017	mg/Kg	☼	11/15/24 11:51	11/19/24 02:57	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*111*		*57 - 145*	*11/15/24 11:51*	*11/19/24 02:57*	*10*

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	1.0				NONE			11/15/24 08:10	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	87.8		0.1	0.1	%			11/16/24 13:59	1
Percent Moisture (SM22 2540G)	12.2		0.1	0.1	%			11/16/24 13:59	1

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

Lab Sample ID: MB 580-477970/1-A
Matrix: Solid
Analysis Batch: 478437

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 477970

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0055	0.0024	mg/Kg		11/14/24 14:41	11/20/24 15:21	1
2-Methylnaphthalene	ND		0.0060	0.0030	mg/Kg		11/14/24 14:41	11/20/24 15:21	1
Benzo[a]anthracene	ND		0.0055	0.0022	mg/Kg		11/14/24 14:41	11/20/24 15:21	1
Benzo[a]pyrene	ND		0.0055	0.0019	mg/Kg		11/14/24 14:41	11/20/24 15:21	1
Benzo[b]fluoranthene	ND		0.0050	0.0012	mg/Kg		11/14/24 14:41	11/20/24 15:21	1
Benzo[k]fluoranthene	ND		0.0055	0.0017	mg/Kg		11/14/24 14:41	11/20/24 15:21	1
Chrysene	ND		0.0050	0.0015	mg/Kg		11/14/24 14:41	11/20/24 15:21	1
Dibenz(a,h)anthracene	ND		0.0055	0.00072	mg/Kg		11/14/24 14:41	11/20/24 15:21	1
Indeno[1,2,3-cd]pyrene	ND		0.0055	0.0022	mg/Kg		11/14/24 14:41	11/20/24 15:21	1
Naphthalene	ND		0.0050	0.0016	mg/Kg		11/14/24 14:41	11/20/24 15:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*97*		*57 - 145*	*11/14/24 14:41*	*11/20/24 15:21*	*1*

Lab Sample ID: LCS 580-477970/2-A
Matrix: Solid
Analysis Batch: 478437

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 477970

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	2.00	1.63		mg/Kg		81	64 - 120
2-Methylnaphthalene	2.00	1.64		mg/Kg		82	64 - 120
Benzo[a]anthracene	2.00	1.76		mg/Kg		88	66 - 127
Benzo[a]pyrene	2.00	1.88		mg/Kg		94	66 - 124
Benzo[b]fluoranthene	2.00	1.91		mg/Kg		96	54 - 122
Benzo[k]fluoranthene	2.00	1.72		mg/Kg		86	51 - 131
Chrysene	2.00	1.64		mg/Kg		82	57 - 128
Dibenz(a,h)anthracene	2.00	1.80		mg/Kg		90	64 - 133
Indeno[1,2,3-cd]pyrene	2.00	1.90		mg/Kg		95	63 - 132
Naphthalene	2.00	1.63		mg/Kg		81	65 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14	*96*		*57 - 145*

Lab Sample ID: MB 580-478069/1-A
Matrix: Solid
Analysis Batch: 478231

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 478069

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0055	0.0024	mg/Kg		11/15/24 11:49	11/18/24 20:41	1
2-Methylnaphthalene	ND		0.0060	0.0030	mg/Kg		11/15/24 11:49	11/18/24 20:41	1
Benzo[a]anthracene	ND		0.0055	0.0022	mg/Kg		11/15/24 11:49	11/18/24 20:41	1
Benzo[a]pyrene	ND		0.0055	0.0019	mg/Kg		11/15/24 11:49	11/18/24 20:41	1
Benzo[b]fluoranthene	ND		0.0050	0.0012	mg/Kg		11/15/24 11:49	11/18/24 20:41	1
Benzo[k]fluoranthene	ND		0.0055	0.0017	mg/Kg		11/15/24 11:49	11/18/24 20:41	1
Chrysene	ND		0.0050	0.0015	mg/Kg		11/15/24 11:49	11/18/24 20:41	1
Dibenz(a,h)anthracene	ND		0.0055	0.00072	mg/Kg		11/15/24 11:49	11/18/24 20:41	1
Indeno[1,2,3-cd]pyrene	ND		0.0055	0.0022	mg/Kg		11/15/24 11:49	11/18/24 20:41	1
Naphthalene	ND		0.0050	0.0016	mg/Kg		11/15/24 11:49	11/18/24 20:41	1

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14	100		57 - 145	11/15/24 11:49	11/18/24 20:41	1

Lab Sample ID: LCS 580-478069/2-A
Matrix: Solid
Analysis Batch: 478231

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 478069

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	2.00	1.75		mg/Kg		87	64 - 120
2-Methylnaphthalene	2.00	1.75		mg/Kg		87	64 - 120
Benzo[a]anthracene	2.00	1.86		mg/Kg		93	66 - 127
Benzo[a]pyrene	2.00	2.00		mg/Kg		100	66 - 124
Benzo[b]fluoranthene	2.00	2.04		mg/Kg		102	54 - 122
Benzo[k]fluoranthene	2.00	1.92		mg/Kg		96	51 - 131
Chrysene	2.00	1.74		mg/Kg		87	57 - 128
Dibenz(a,h)anthracene	2.00	1.72		mg/Kg		86	64 - 133
Indeno[1,2,3-cd]pyrene	2.00	1.81		mg/Kg		91	63 - 132
Naphthalene	2.00	1.70		mg/Kg		85	65 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Terphenyl-d14	101		57 - 145

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145637-1

Client Sample ID: CP_136_1
Lab Sample ID: 580-145637-1
Date Collected: 11/07/24 12:00
Matrix: Solid
Date Received: 11/08/24 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477785	MJ	EET SEA	11/13/24 10:49
Total/NA	Analysis	2540G		1	478119	CSS	EET SEA	11/16/24 13:54
Total/NA	Analysis	Increment, prep		1	478015	MJ	EET SEA	11/15/24 08:10

Client Sample ID: CP_136_1
Lab Sample ID: 580-145637-1
Date Collected: 11/07/24 12:00
Matrix: Solid
Date Received: 11/08/24 09:45
Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477785	MJ	EET SEA	11/13/24 10:49
Total/NA	Prep	3546			477970	KI	EET SEA	11/14/24 14:41
Total/NA	Analysis	8270E SIM		1	478437	T1L	EET SEA	11/20/24 21:57

Client Sample ID: CP_137_1
Lab Sample ID: 580-145637-2
Date Collected: 11/07/24 12:00
Matrix: Solid
Date Received: 11/08/24 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477785	MJ	EET SEA	11/13/24 10:49
Total/NA	Analysis	2540G		1	478119	CSS	EET SEA	11/16/24 13:54
Total/NA	Analysis	Increment, prep		1	478015	MJ	EET SEA	11/15/24 08:10

Client Sample ID: CP_137_1
Lab Sample ID: 580-145637-2
Date Collected: 11/07/24 12:00
Matrix: Solid
Date Received: 11/08/24 09:45
Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477785	MJ	EET SEA	11/13/24 10:49
Total/NA	Prep	3546			477970	KI	EET SEA	11/14/24 14:41
Total/NA	Analysis	8270E SIM		1	478437	T1L	EET SEA	11/20/24 22:17

Client Sample ID: CP_135_1
Lab Sample ID: 580-145637-3
Date Collected: 11/07/24 11:45
Matrix: Solid
Date Received: 11/08/24 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477785	MJ	EET SEA	11/13/24 10:49
Total/NA	Analysis	2540G		1	478119	CSS	EET SEA	11/16/24 13:59
Total/NA	Analysis	Increment, prep		1	478015	MJ	EET SEA	11/15/24 08:10

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145637-1

Client Sample ID: CP_135_1
Lab Sample ID: 580-145637-3
Date Collected: 11/07/24 11:45
Matrix: Solid
Date Received: 11/08/24 09:45
Percent Solids: 84.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477785	MJ	EET SEA	11/13/24 10:49
Total/NA	Prep	3546			477970	KI	EET SEA	11/14/24 14:41
Total/NA	Analysis	8270E SIM		1	478437	T1L	EET SEA	11/20/24 22:38

Client Sample ID: CP_145_1
Lab Sample ID: 580-145637-4
Date Collected: 11/07/24 12:30
Matrix: Solid
Date Received: 11/08/24 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477785	MJ	EET SEA	11/13/24 10:49
Total/NA	Analysis	2540G		1	478119	CSS	EET SEA	11/16/24 13:59
Total/NA	Analysis	Increment, prep		1	478015	MJ	EET SEA	11/15/24 08:10

Client Sample ID: CP_145_1
Lab Sample ID: 580-145637-4
Date Collected: 11/07/24 12:30
Matrix: Solid
Date Received: 11/08/24 09:45
Percent Solids: 84.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477785	MJ	EET SEA	11/13/24 10:49
Total/NA	Prep	3546			477970	KI	EET SEA	11/14/24 14:41
Total/NA	Analysis	8270E SIM		1	478437	T1L	EET SEA	11/20/24 22:59

Client Sample ID: CP_128_1
Lab Sample ID: 580-145637-5
Date Collected: 11/07/24 11:30
Matrix: Solid
Date Received: 11/08/24 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477785	MJ	EET SEA	11/13/24 10:49
Total/NA	Analysis	2540G		1	478119	CSS	EET SEA	11/16/24 13:54
Total/NA	Analysis	Increment, prep		1	478015	MJ	EET SEA	11/15/24 08:10

Client Sample ID: CP_128_1
Lab Sample ID: 580-145637-5
Date Collected: 11/07/24 11:30
Matrix: Solid
Date Received: 11/08/24 09:45
Percent Solids: 83.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477785	MJ	EET SEA	11/13/24 10:49
Total/NA	Prep	3546			477970	KI	EET SEA	11/14/24 14:41
Total/NA	Analysis	8270E SIM		10	478437	T1L	EET SEA	11/20/24 23:20

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145637-1

Client Sample ID: CP_120_1

Lab Sample ID: 580-145637-6

Date Collected: 11/07/24 11:00

Matrix: Solid

Date Received: 11/08/24 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477785	MJ	EET SEA	11/13/24 10:49
Total/NA	Analysis	2540G		1	478119	CSS	EET SEA	11/16/24 13:59
Total/NA	Analysis	Increment, prep		1	478015	MJ	EET SEA	11/15/24 08:10

Client Sample ID: CP_120_1

Lab Sample ID: 580-145637-6

Date Collected: 11/07/24 11:00

Matrix: Solid

Date Received: 11/08/24 09:45

Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477785	MJ	EET SEA	11/13/24 10:49
Total/NA	Prep	3546			478069	KI	EET SEA	11/15/24 11:51
Total/NA	Analysis	8270E SIM		10	478231	CB	EET SEA	11/19/24 02:57

Laboratory References:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145637-1

Laboratory: Eurofins Seattle

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C788-24	07-13-25

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

Analysis Method	Prep Method	Matrix	Analyte
2540G		Solid	Percent Solids
Increment, prep		Solid	Incremented sample generated

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145637-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-145637-1	CP_136_1	Solid	11/07/24 12:00	11/08/24 09:45
580-145637-2	CP_137_1	Solid	11/07/24 12:00	11/08/24 09:45
580-145637-3	CP_135_1	Solid	11/07/24 11:45	11/08/24 09:45
580-145637-4	CP_145_1	Solid	11/07/24 12:30	11/08/24 09:45
580-145637-5	CP_128_1	Solid	11/07/24 11:30	11/08/24 09:45
580-145637-6	CP_120_1	Solid	11/07/24 11:00	11/08/24 09:45

Eurofins Environmental Testing Northwest, LLC
5755 8th Street East
Tacoma, WA 98424

Chain of Custody Record

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580-145637 Chain of Custody

Client Information	Sampler: CAL	Lab PM:	COC No:
Client Contact: Breeyn Greer	Phone: 612-232-7343	E-Mail:	Page: Page 1 of 1
Company: Haley+Aldrich	PWSID:		Job #:
Address: 505 w Riverside ave ste450	Due Date Requested:		
City: Spokane	TAT Requested (days): STD		
State, Zip: Wa 99201	Compliance Project: Δ Yes Δ No		
Phone: 612-232-7343	PO #: Purchase Order not required		
Email: bgreer@haleyaldrich.com	WO #: 0202349		
Project Name: CUSD Gun Club	Project #:		
Site: 0202349	SSOW#:		

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	CPAHs project specific ISM processing	Total Number of containers	Special Instructions/Note:
	Preservation Code:							
CP_136_1	11-07-24	12:00	C	Soil		X X		
CP_137_1	11-07-24	12:45	C	Soil		X X		
CP_135_1	11-07-24	11:45	C	Soil		X X		
~~CP_145~~ CP_145_1	11-07-24	12:30	C	Soil		X X		
CP_128_1	11-07-24	11:30	C	soil		X X		
CP_120_1	11-07-24	11:00	C	Soil		X X		

Therm. ID: 11 Cor: 1.7° Unc: 2.7
Cooler Dsc: Lg blue
Packing: None
Cust. Seal: Yes No
Blue Ice, Wet, Dry, None
FedEx: F90
UPS:
Lab Courr:
Other:

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☒ Archive For 1 Months

Deliverable Requested: I, II, III, IV, Other (specify) EDD

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Cameron Luckey	Date/Time: 11-07-24 15:30	Company	Received by: James Mcalpin	Date/Time: 11/8/24 0945	Company EFTN
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 580-145637-1

Login Number: 145637
List Number: 1
Creator: Moore, Brook 1

List Source: Eurofins Seattle

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Breeyn Greer
Haley & Aldrich, Inc.
505 W Riverside Ave
Suite 450
Spokane, Washington 99201

Generated 11/21/2024 5:17:22 PM

JOB DESCRIPTION

CVSD Gun Club

JOB NUMBER

580-145667-1

Eurofins Seattle
5755 8th Street East
Tacoma WA 98424

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

Authorization



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Authorized for release by
Tracy Dutton, Client Relations Manager
Tracy.Dutton@et.eurofinsus.com
(253)248-4970

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Job Narrative
580-145667-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/7/2024 9:50 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.6°C.

ISM Processing
All samples were processed via ISM prior to extraction and analysis. 8270E SIM was processed via ISM as received

GC/MS Semi VOA
Method 8270E_SIM: The following samples were diluted due to dark coloration of the sample: CP_80_1 (580-145667-7), CP_96_1 (580-145667-9), CP_110_1 (580-145667-10). Elevated reporting limits (RL) are provided.

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

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

Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145667-1

Qualifiers

GC/MS Semi VOA

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

Glossary

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

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145667-1

Client Sample ID: CP_54_1

Date Collected: 11/06/24 10:30
Date Received: 11/07/24 09:50

Lab Sample ID: 580-145667-1

Matrix: Solid
Percent Solids: 85.5

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.024		0.0064	0.0028	mg/Kg	☼	11/14/24 14:41	11/20/24 18:29	1
2-Methylnaphthalene	0.023		0.0070	0.0034	mg/Kg	☼	11/14/24 14:41	11/20/24 18:29	1
Benzo[a]anthracene	3.5		0.0064	0.0026	mg/Kg	☼	11/14/24 14:41	11/20/24 18:29	1
Benzo[a]pyrene	6.2		0.0064	0.0022	mg/Kg	☼	11/14/24 14:41	11/20/24 18:29	1
Benzo[b]fluoranthene	8.1		0.0058	0.0013	mg/Kg	☼	11/14/24 14:41	11/20/24 18:29	1
Benzo[k]fluoranthene	2.2		0.0064	0.0020	mg/Kg	☼	11/14/24 14:41	11/20/24 18:29	1
Chrysene	4.6		0.0058	0.0017	mg/Kg	☼	11/14/24 14:41	11/20/24 18:29	1
Dibenz(a,h)anthracene	0.97		0.0064	0.00084	mg/Kg	☼	11/14/24 14:41	11/20/24 18:29	1
Indeno[1,2,3-cd]pyrene	3.3		0.0064	0.0025	mg/Kg	☼	11/14/24 14:41	11/20/24 18:29	1
Naphthalene	0.049		0.0058	0.0019	mg/Kg	☼	11/14/24 14:41	11/20/24 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*102*		*57 - 145*	*11/14/24 14:41*	*11/20/24 18:29*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	85.5		0.1	0.1	%			11/15/24 19:13	1
Percent Moisture (SM22 2540G)	14.5		0.1	0.1	%			11/15/24 19:13	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145667-1

Client Sample ID: CP_25_1
Date Collected: 11/06/24 08:30
Date Received: 11/07/24 09:50

Lab Sample ID: 580-145667-2
Matrix: Solid
Percent Solids: 88.9

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0059	0.0025	mg/Kg	☼	11/14/24 14:41	11/20/24 18:49	1
2-Methylnaphthalene	ND		0.0064	0.0031	mg/Kg	☼	11/14/24 14:41	11/20/24 18:49	1
Benzo[a]anthracene	**0.30**		0.0059	0.0024	mg/Kg	☼	11/14/24 14:41	11/20/24 18:49	1
Benzo[a]pyrene	**0.45**		0.0059	0.0020	mg/Kg	☼	11/14/24 14:41	11/20/24 18:49	1
Benzo[b]fluoranthene	**0.52**		0.0053	0.0012	mg/Kg	☼	11/14/24 14:41	11/20/24 18:49	1
Benzo[k]fluoranthene	**0.21**		0.0059	0.0019	mg/Kg	☼	11/14/24 14:41	11/20/24 18:49	1
Chrysene	**0.31**		0.0053	0.0016	mg/Kg	☼	11/14/24 14:41	11/20/24 18:49	1
Dibenz(a,h)anthracene	**0.065**		0.0059	0.00077	mg/Kg	☼	11/14/24 14:41	11/20/24 18:49	1
Indeno[1,2,3-cd]pyrene	**0.24**		0.0059	0.0023	mg/Kg	☼	11/14/24 14:41	11/20/24 18:49	1
Naphthalene	**0.0038**	**J**	0.0053	0.0017	mg/Kg	☼	11/14/24 14:41	11/20/24 18:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*100*		*57 - 145*	*11/14/24 14:41*	*11/20/24 18:49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**88.9**		0.1	0.1	%			11/15/24 19:13	1
Percent Moisture (SM22 2540G)	**11.1**		0.1	0.1	%			11/15/24 19:13	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145667-1

Client Sample ID: CP_35_1

Date Collected: 11/06/24 09:30
Date Received: 11/07/24 09:50

Lab Sample ID: 580-145667-3

Matrix: Solid
Percent Solids: 84.9

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.0073		0.0064	0.0028	mg/Kg	☼	11/14/24 14:41	11/20/24 19:10	1
2-Methylnaphthalene	0.013		0.0069	0.0034	mg/Kg	☼	11/14/24 14:41	11/20/24 19:10	1
Benzo[a]anthracene	1.4		0.0064	0.0026	mg/Kg	☼	11/14/24 14:41	11/20/24 19:10	1
Benzo[a]pyrene	2.2		0.0064	0.0022	mg/Kg	☼	11/14/24 14:41	11/20/24 19:10	1
Benzo[b]fluoranthene	2.4		0.0058	0.0013	mg/Kg	☼	11/14/24 14:41	11/20/24 19:10	1
Benzo[k]fluoranthene	0.69		0.0064	0.0020	mg/Kg	☼	11/14/24 14:41	11/20/24 19:10	1
Chrysene	1.6		0.0058	0.0017	mg/Kg	☼	11/14/24 14:41	11/20/24 19:10	1
Dibenz(a,h)anthracene	0.34		0.0064	0.00083	mg/Kg	☼	11/14/24 14:41	11/20/24 19:10	1
Indeno[1,2,3-cd]pyrene	0.98		0.0064	0.0025	mg/Kg	☼	11/14/24 14:41	11/20/24 19:10	1
Naphthalene	0.015		0.0058	0.0019	mg/Kg	☼	11/14/24 14:41	11/20/24 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*103*		*57 - 145*	*11/14/24 14:41*	*11/20/24 19:10*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	84.9		0.1	0.1	%			11/15/24 19:13	1
Percent Moisture (SM22 2540G)	15.1		0.1	0.1	%			11/15/24 19:13	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145667-1

Client Sample ID: CP_34_1
Date Collected: 11/06/24 09:00
Date Received: 11/07/24 09:50

Lab Sample ID: 580-145667-4
Matrix: Solid
Percent Solids: 87.4

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.013		0.0057	0.0025	mg/Kg	☼	11/14/24 14:41	11/20/24 19:31	1
2-Methylnaphthalene	0.028		0.0062	0.0031	mg/Kg	☼	11/14/24 14:41	11/20/24 19:31	1
Benzo[a]anthracene	0.32		0.0057	0.0023	mg/Kg	☼	11/14/24 14:41	11/20/24 19:31	1
Benzo[a]pyrene	0.52		0.0057	0.0020	mg/Kg	☼	11/14/24 14:41	11/20/24 19:31	1
Benzo[b]fluoranthene	0.54		0.0052	0.0012	mg/Kg	☼	11/14/24 14:41	11/20/24 19:31	1
Benzo[k]fluoranthene	0.21		0.0057	0.0018	mg/Kg	☼	11/14/24 14:41	11/20/24 19:31	1
Chrysene	0.38		0.0052	0.0016	mg/Kg	☼	11/14/24 14:41	11/20/24 19:31	1
Dibenz(a,h)anthracene	0.074		0.0057	0.00075	mg/Kg	☼	11/14/24 14:41	11/20/24 19:31	1
Indeno[1,2,3-cd]pyrene	0.24		0.0057	0.0023	mg/Kg	☼	11/14/24 14:41	11/20/24 19:31	1
Naphthalene	0.034		0.0052	0.0017	mg/Kg	☼	11/14/24 14:41	11/20/24 19:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*100*		*57 - 145*	*11/14/24 14:41*	*11/20/24 19:31*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	87.4		0.1	0.1	%			11/15/24 19:13	1
Percent Moisture (SM22 2540G)	12.6		0.1	0.1	%			11/15/24 19:13	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145667-1

Client Sample ID: CP_66_1
Date Collected: 11/06/24 11:00
Date Received: 11/07/24 09:50

Lab Sample ID: 580-145667-5
Matrix: Solid
Percent Solids: 86.2

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.020		0.0063	0.0027	mg/Kg	☼	11/14/24 14:41	11/20/24 19:52	1
2-Methylnaphthalene	0.034		0.0068	0.0034	mg/Kg	☼	11/14/24 14:41	11/20/24 19:52	1
Benzo[a]anthracene	4.2		0.0063	0.0025	mg/Kg	☼	11/14/24 14:41	11/20/24 19:52	1
Benzo[a]pyrene	6.4		0.0063	0.0022	mg/Kg	☼	11/14/24 14:41	11/20/24 19:52	1
Benzo[b]fluoranthene	7.1		0.0057	0.0013	mg/Kg	☼	11/14/24 14:41	11/20/24 19:52	1
Benzo[k]fluoranthene	2.3		0.0063	0.0020	mg/Kg	☼	11/14/24 14:41	11/20/24 19:52	1
Chrysene	5.0		0.0057	0.0017	mg/Kg	☼	11/14/24 14:41	11/20/24 19:52	1
Dibenz(a,h)anthracene	0.85		0.0063	0.00082	mg/Kg	☼	11/14/24 14:41	11/20/24 19:52	1
Indeno[1,2,3-cd]pyrene	2.9		0.0063	0.0025	mg/Kg	☼	11/14/24 14:41	11/20/24 19:52	1
Naphthalene	0.033		0.0057	0.0018	mg/Kg	☼	11/14/24 14:41	11/20/24 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*98*		*57 - 145*	*11/14/24 14:41*	*11/20/24 19:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	86.2		0.1	0.1	%			11/15/24 19:13	1
Percent Moisture (SM22 2540G)	13.8		0.1	0.1	%			11/15/24 19:13	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145667-1

Client Sample ID: CP_47_1
Date Collected: 11/06/24 10:00
Date Received: 11/07/24 09:50

Lab Sample ID: 580-145667-6
Matrix: Solid
Percent Solids: 85.4

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.0033	J	0.0064	0.0028	mg/Kg	☼	11/14/24 14:41	11/20/24 20:13	1
2-Methylnaphthalene	0.0046	J	0.0070	0.0034	mg/Kg	☼	11/14/24 14:41	11/20/24 20:13	1
Benzo[a]anthracene	0.96		0.0064	0.0026	mg/Kg	☼	11/14/24 14:41	11/20/24 20:13	1
Benzo[a]pyrene	1.5		0.0064	0.0022	mg/Kg	☼	11/14/24 14:41	11/20/24 20:13	1
Benzo[b]fluoranthene	1.6		0.0058	0.0014	mg/Kg	☼	11/14/24 14:41	11/20/24 20:13	1
Benzo[k]fluoranthene	0.58		0.0064	0.0020	mg/Kg	☼	11/14/24 14:41	11/20/24 20:13	1
Chrysene	1.1		0.0058	0.0018	mg/Kg	☼	11/14/24 14:41	11/20/24 20:13	1
Dibenz(a,h)anthracene	0.22		0.0064	0.00084	mg/Kg	☼	11/14/24 14:41	11/20/24 20:13	1
Indeno[1,2,3-cd]pyrene	0.68		0.0064	0.0026	mg/Kg	☼	11/14/24 14:41	11/20/24 20:13	1
Naphthalene	0.0040	J	0.0058	0.0019	mg/Kg	☼	11/14/24 14:41	11/20/24 20:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*98*		*57 - 145*	*11/14/24 14:41*	*11/20/24 20:13*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	85.4		0.1	0.1	%			11/15/24 19:13	1
Percent Moisture (SM22 2540G)	14.6		0.1	0.1	%			11/15/24 19:13	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145667-1

Client Sample ID: CP_80_1
Date Collected: 11/06/24 11:30
Date Received: 11/07/24 09:50

Lab Sample ID: 580-145667-7
Matrix: Solid
Percent Solids: 87.9

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.27		0.057	0.025	mg/Kg	☼	11/14/24 14:41	11/20/24 20:33	10
2-Methylnaphthalene	0.43		0.062	0.031	mg/Kg	☼	11/14/24 14:41	11/20/24 20:33	10
Benzo[a]anthracene	37		0.057	0.023	mg/Kg	☼	11/14/24 14:41	11/20/24 20:33	10
Benzo[a]pyrene	61		0.057	0.020	mg/Kg	☼	11/14/24 14:41	11/20/24 20:33	10
Benzo[b]fluoranthene	63		0.052	0.012	mg/Kg	☼	11/14/24 14:41	11/20/24 20:33	10
Benzo[k]fluoranthene	20		0.057	0.018	mg/Kg	☼	11/14/24 14:41	11/20/24 20:33	10
Chrysene	47		0.052	0.016	mg/Kg	☼	11/14/24 14:41	11/20/24 20:33	10
Dibenz(a,h)anthracene	9.6		0.057	0.0075	mg/Kg	☼	11/14/24 14:41	11/20/24 20:33	10
Indeno[1,2,3-cd]pyrene	26		0.057	0.023	mg/Kg	☼	11/14/24 14:41	11/20/24 20:33	10
Naphthalene	0.90		0.052	0.017	mg/Kg	☼	11/14/24 14:41	11/20/24 20:33	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*109*		*57 - 145*	*11/14/24 14:41*	*11/20/24 20:33*	*10*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	87.9		0.1	0.1	%			11/15/24 19:13	1
Percent Moisture (SM22 2540G)	12.1		0.1	0.1	%			11/15/24 19:13	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145667-1

Client Sample ID: CP_144_1
Date Collected: 11/05/24 16:00
Date Received: 11/07/24 09:50

Lab Sample ID: 580-145667-8
Matrix: Solid
Percent Solids: 84.8

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0059	0.0026	mg/Kg	☼	11/14/24 14:41	11/20/24 20:54	1
2-Methylnaphthalene	ND		0.0065	0.0032	mg/Kg	☼	11/14/24 14:41	11/20/24 20:54	1
Benzo[a]anthracene	**0.040**		0.0059	0.0024	mg/Kg	☼	11/14/24 14:41	11/20/24 20:54	1
Benzo[a]pyrene	**0.064**		0.0059	0.0021	mg/Kg	☼	11/14/24 14:41	11/20/24 20:54	1
Benzo[b]fluoranthene	**0.074**		0.0054	0.0012	mg/Kg	☼	11/14/24 14:41	11/20/24 20:54	1
Benzo[k]fluoranthene	**0.022**		0.0059	0.0019	mg/Kg	☼	11/14/24 14:41	11/20/24 20:54	1
Chrysene	**0.053**		0.0054	0.0016	mg/Kg	☼	11/14/24 14:41	11/20/24 20:54	1
Dibenz(a,h)anthracene	**0.011**		0.0059	0.00077	mg/Kg	☼	11/14/24 14:41	11/20/24 20:54	1
Indeno[1,2,3-cd]pyrene	**0.032**		0.0059	0.0024	mg/Kg	☼	11/14/24 14:41	11/20/24 20:54	1
Naphthalene	**0.0022**	**J**	0.0054	0.0017	mg/Kg	☼	11/14/24 14:41	11/20/24 20:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*99*		*57 - 145*	*11/14/24 14:41*	*11/20/24 20:54*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**84.8**		0.1	0.1	%			11/15/24 19:13	1
Percent Moisture (SM22 2540G)	**15.2**		0.1	0.1	%			11/15/24 19:13	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145667-1

Client Sample ID: CP_96_1
Date Collected: 11/06/24 14:30
Date Received: 11/07/24 09:50

Lab Sample ID: 580-145667-9
Matrix: Solid
Percent Solids: 87.6

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.19		0.057	0.025	mg/Kg	☼	11/14/24 14:41	11/20/24 21:15	10
2-Methylnaphthalene	0.32		0.063	0.031	mg/Kg	☼	11/14/24 14:41	11/20/24 21:15	10
Benzo[a]anthracene	41		0.057	0.023	mg/Kg	☼	11/14/24 14:41	11/20/24 21:15	10
Benzo[a]pyrene	68		0.057	0.020	mg/Kg	☼	11/14/24 14:41	11/20/24 21:15	10
Benzo[b]fluoranthene	69		0.052	0.012	mg/Kg	☼	11/14/24 14:41	11/20/24 21:15	10
Benzo[k]fluoranthene	24		0.057	0.018	mg/Kg	☼	11/14/24 14:41	11/20/24 21:15	10
Chrysene	49		0.052	0.016	mg/Kg	☼	11/14/24 14:41	11/20/24 21:15	10
Dibenz(a,h)anthracene	8.9		0.057	0.0075	mg/Kg	☼	11/14/24 14:41	11/20/24 21:15	10
Indeno[1,2,3-cd]pyrene	28		0.057	0.023	mg/Kg	☼	11/14/24 14:41	11/20/24 21:15	10
Naphthalene	0.32		0.052	0.017	mg/Kg	☼	11/14/24 14:41	11/20/24 21:15	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*107*		*57 - 145*	*11/14/24 14:41*	*11/20/24 21:15*	*10*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	87.6		0.1	0.1	%			11/15/24 19:13	1
Percent Moisture (SM22 2540G)	12.4		0.1	0.1	%			11/15/24 19:13	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145667-1

Client Sample ID: CP_110_1
Date Collected: 11/06/24 15:00
Date Received: 11/07/24 09:50

Lab Sample ID: 580-145667-10
Matrix: Solid
Percent Solids: 88.1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.23		0.057	0.025	mg/Kg	☼	11/14/24 14:41	11/20/24 21:36	10
2-Methylnaphthalene	0.35		0.062	0.031	mg/Kg	☼	11/14/24 14:41	11/20/24 21:36	10
Benzo[a]anthracene	49		0.057	0.023	mg/Kg	☼	11/14/24 14:41	11/20/24 21:36	10
Benzo[a]pyrene	85		0.057	0.020	mg/Kg	☼	11/14/24 14:41	11/20/24 21:36	10
Benzo[b]fluoranthene	85		0.052	0.012	mg/Kg	☼	11/14/24 14:41	11/20/24 21:36	10
Benzo[k]fluoranthene	34		0.057	0.018	mg/Kg	☼	11/14/24 14:41	11/20/24 21:36	10
Chrysene	61		0.052	0.016	mg/Kg	☼	11/14/24 14:41	11/20/24 21:36	10
Dibenz(a,h)anthracene	12		0.057	0.0075	mg/Kg	☼	11/14/24 14:41	11/20/24 21:36	10
Indeno[1,2,3-cd]pyrene	35		0.057	0.023	mg/Kg	☼	11/14/24 14:41	11/20/24 21:36	10
Naphthalene	0.41		0.052	0.017	mg/Kg	☼	11/14/24 14:41	11/20/24 21:36	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*108*		*57 - 145*	*11/14/24 14:41*	*11/20/24 21:36*	*10*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	88.1		0.1	0.1	%			11/15/24 19:13	1
Percent Moisture (SM22 2540G)	11.9		0.1	0.1	%			11/15/24 19:13	1

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

Lab Sample ID: MB 580-477970/1-A
Matrix: Solid
Analysis Batch: 478437

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 477970

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0055	0.0024	mg/Kg		11/14/24 14:41	11/20/24 15:21	1
2-Methylnaphthalene	ND		0.0060	0.0030	mg/Kg		11/14/24 14:41	11/20/24 15:21	1
Benzo[a]anthracene	ND		0.0055	0.0022	mg/Kg		11/14/24 14:41	11/20/24 15:21	1
Benzo[a]pyrene	ND		0.0055	0.0019	mg/Kg		11/14/24 14:41	11/20/24 15:21	1
Benzo[b]fluoranthene	ND		0.0050	0.0012	mg/Kg		11/14/24 14:41	11/20/24 15:21	1
Benzo[k]fluoranthene	ND		0.0055	0.0017	mg/Kg		11/14/24 14:41	11/20/24 15:21	1
Chrysene	ND		0.0050	0.0015	mg/Kg		11/14/24 14:41	11/20/24 15:21	1
Dibenz(a,h)anthracene	ND		0.0055	0.00072	mg/Kg		11/14/24 14:41	11/20/24 15:21	1
Indeno[1,2,3-cd]pyrene	ND		0.0055	0.0022	mg/Kg		11/14/24 14:41	11/20/24 15:21	1
Naphthalene	ND		0.0050	0.0016	mg/Kg		11/14/24 14:41	11/20/24 15:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*97*		*57 - 145*	*11/14/24 14:41*	*11/20/24 15:21*	*1*

Lab Sample ID: LCS 580-477970/2-A
Matrix: Solid
Analysis Batch: 478437

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 477970

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene			2.00	1.63		mg/Kg		81	64 - 120		
2-Methylnaphthalene			2.00	1.64		mg/Kg		82	64 - 120		
Benzo[a]anthracene			2.00	1.76		mg/Kg		88	66 - 127		
Benzo[a]pyrene			2.00	1.88		mg/Kg		94	66 - 124		
Benzo[b]fluoranthene			2.00	1.91		mg/Kg		96	54 - 122		
Benzo[k]fluoranthene			2.00	1.72		mg/Kg		86	51 - 131		
Chrysene			2.00	1.64		mg/Kg		82	57 - 128		
Dibenz(a,h)anthracene			2.00	1.80		mg/Kg		90	64 - 133		
Indeno[1,2,3-cd]pyrene			2.00	1.90		mg/Kg		95	63 - 132		
Naphthalene			2.00	1.63		mg/Kg		81	65 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14	*96*		*57 - 145*

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145667-1

Client Sample ID: CP_54_1
Date Collected: 11/06/24 10:30
Date Received: 11/07/24 09:50

Lab Sample ID: 580-145667-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477740	TOA	EET SEA	11/13/24 07:25
Total/NA	Analysis	2540G		1	478113	CSS	EET SEA	11/15/24 19:13

Client Sample ID: CP_54_1
Date Collected: 11/06/24 10:30
Date Received: 11/07/24 09:50

Lab Sample ID: 580-145667-1
Matrix: Solid
Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477740	TOA	EET SEA	11/13/24 07:25
Total/NA	Prep	3546			477970	KI	EET SEA	11/14/24 14:41
Total/NA	Analysis	8270E SIM		1	478437	T1L	EET SEA	11/20/24 18:29

Client Sample ID: CP_25_1
Date Collected: 11/06/24 08:30
Date Received: 11/07/24 09:50

Lab Sample ID: 580-145667-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477740	TOA	EET SEA	11/13/24 07:25
Total/NA	Analysis	2540G		1	478113	CSS	EET SEA	11/15/24 19:13

Client Sample ID: CP_25_1
Date Collected: 11/06/24 08:30
Date Received: 11/07/24 09:50

Lab Sample ID: 580-145667-2
Matrix: Solid
Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477740	TOA	EET SEA	11/13/24 07:25
Total/NA	Prep	3546			477970	KI	EET SEA	11/14/24 14:41
Total/NA	Analysis	8270E SIM		1	478437	T1L	EET SEA	11/20/24 18:49

Client Sample ID: CP_35_1
Date Collected: 11/06/24 09:30
Date Received: 11/07/24 09:50

Lab Sample ID: 580-145667-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477740	TOA	EET SEA	11/13/24 07:25
Total/NA	Analysis	2540G		1	478113	CSS	EET SEA	11/15/24 19:13

Client Sample ID: CP_35_1
Date Collected: 11/06/24 09:30
Date Received: 11/07/24 09:50

Lab Sample ID: 580-145667-3
Matrix: Solid
Percent Solids: 84.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477740	TOA	EET SEA	11/13/24 07:25
Total/NA	Prep	3546			477970	KI	EET SEA	11/14/24 14:41
Total/NA	Analysis	8270E SIM		1	478437	T1L	EET SEA	11/20/24 19:10

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145667-1

Client Sample ID: CP_34_1
Date Collected: 11/06/24 09:00
Date Received: 11/07/24 09:50

Lab Sample ID: 580-145667-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477740	TOA	EET SEA	11/13/24 07:25
Total/NA	Analysis	2540G		1	478113	CSS	EET SEA	11/15/24 19:13

Client Sample ID: CP_34_1
Date Collected: 11/06/24 09:00
Date Received: 11/07/24 09:50

Lab Sample ID: 580-145667-4
Matrix: Solid
Percent Solids: 87.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477740	TOA	EET SEA	11/13/24 07:25
Total/NA	Prep	3546			477970	KI	EET SEA	11/14/24 14:41
Total/NA	Analysis	8270E SIM		1	478437	T1L	EET SEA	11/20/24 19:31

Client Sample ID: CP_66_1
Date Collected: 11/06/24 11:00
Date Received: 11/07/24 09:50

Lab Sample ID: 580-145667-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477740	TOA	EET SEA	11/13/24 07:25
Total/NA	Analysis	2540G		1	478113	CSS	EET SEA	11/15/24 19:13

Client Sample ID: CP_66_1
Date Collected: 11/06/24 11:00
Date Received: 11/07/24 09:50

Lab Sample ID: 580-145667-5
Matrix: Solid
Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477740	TOA	EET SEA	11/13/24 07:25
Total/NA	Prep	3546			477970	KI	EET SEA	11/14/24 14:41
Total/NA	Analysis	8270E SIM		1	478437	T1L	EET SEA	11/20/24 19:52

Client Sample ID: CP_47_1
Date Collected: 11/06/24 10:00
Date Received: 11/07/24 09:50

Lab Sample ID: 580-145667-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477740	TOA	EET SEA	11/13/24 07:25
Total/NA	Analysis	2540G		1	478113	CSS	EET SEA	11/15/24 19:13

Client Sample ID: CP_47_1
Date Collected: 11/06/24 10:00
Date Received: 11/07/24 09:50

Lab Sample ID: 580-145667-6
Matrix: Solid
Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477740	TOA	EET SEA	11/13/24 07:25
Total/NA	Prep	3546			477970	KI	EET SEA	11/14/24 14:41
Total/NA	Analysis	8270E SIM		1	478437	T1L	EET SEA	11/20/24 20:13

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145667-1

Client Sample ID: CP_80_1
Date Collected: 11/06/24 11:30
Date Received: 11/07/24 09:50

Lab Sample ID: 580-145667-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477740	TOA	EET SEA	11/13/24 07:25
Total/NA	Analysis	2540G		1	478113	CSS	EET SEA	11/15/24 19:13

Client Sample ID: CP_80_1
Date Collected: 11/06/24 11:30
Date Received: 11/07/24 09:50

Lab Sample ID: 580-145667-7
Matrix: Solid
Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477740	TOA	EET SEA	11/13/24 07:25
Total/NA	Prep	3546			477970	KI	EET SEA	11/14/24 14:41
Total/NA	Analysis	8270E SIM		10	478437	T1L	EET SEA	11/20/24 20:33

Client Sample ID: CP_144_1
Date Collected: 11/05/24 16:00
Date Received: 11/07/24 09:50

Lab Sample ID: 580-145667-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477740	TOA	EET SEA	11/13/24 07:25
Total/NA	Analysis	2540G		1	478113	CSS	EET SEA	11/15/24 19:13

Client Sample ID: CP_144_1
Date Collected: 11/05/24 16:00
Date Received: 11/07/24 09:50

Lab Sample ID: 580-145667-8
Matrix: Solid
Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477740	TOA	EET SEA	11/13/24 07:25
Total/NA	Prep	3546			477970	KI	EET SEA	11/14/24 14:41
Total/NA	Analysis	8270E SIM		1	478437	T1L	EET SEA	11/20/24 20:54

Client Sample ID: CP_96_1
Date Collected: 11/06/24 14:30
Date Received: 11/07/24 09:50

Lab Sample ID: 580-145667-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477740	TOA	EET SEA	11/13/24 07:25
Total/NA	Analysis	2540G		1	478113	CSS	EET SEA	11/15/24 19:13

Client Sample ID: CP_96_1
Date Collected: 11/06/24 14:30
Date Received: 11/07/24 09:50

Lab Sample ID: 580-145667-9
Matrix: Solid
Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477740	TOA	EET SEA	11/13/24 07:25
Total/NA	Prep	3546			477970	KI	EET SEA	11/14/24 14:41
Total/NA	Analysis	8270E SIM		10	478437	T1L	EET SEA	11/20/24 21:15

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145667-1

Client Sample ID: CP_110_1

Date Collected: 11/06/24 15:00
Date Received: 11/07/24 09:50

Lab Sample ID: 580-145667-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477740	TOA	EET SEA	11/13/24 07:25
Total/NA	Analysis	2540G		1	478113	CSS	EET SEA	11/15/24 19:13

Client Sample ID: CP_110_1

Date Collected: 11/06/24 15:00
Date Received: 11/07/24 09:50

Lab Sample ID: 580-145667-10

Matrix: Solid
Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477740	TOA	EET SEA	11/13/24 07:25
Total/NA	Prep	3546			477970	KI	EET SEA	11/14/24 14:41
Total/NA	Analysis	8270E SIM		10	478437	T1L	EET SEA	11/20/24 21:36

Laboratory References:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145667-1

Laboratory: Eurofins Seattle

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C788-24	07-13-25

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

Analysis Method	Prep Method	Matrix	Analyte
2540G		Solid	Percent Solids

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145667-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-145667-1	CP_54_1	Solid	11/06/24 10:30	11/07/24 09:50
580-145667-2	CP_25_1	Solid	11/06/24 08:30	11/07/24 09:50
580-145667-3	CP_35_1	Solid	11/06/24 09:30	11/07/24 09:50
580-145667-4	CP_34_1	Solid	11/06/24 09:00	11/07/24 09:50
580-145667-5	CP_66_1	Solid	11/06/24 11:00	11/07/24 09:50
580-145667-6	CP_47_1	Solid	11/06/24 10:00	11/07/24 09:50
580-145667-7	CP_80_1	Solid	11/06/24 11:30	11/07/24 09:50
580-145667-8	CP_144_1	Solid	11/05/24 16:00	11/07/24 09:50
580-145667-9	CP_96_1	Solid	11/06/24 14:30	11/07/24 09:50
580-145667-10	CP_110_1	Solid	11/06/24 15:00	11/07/24 09:50

Eurofins Environmental Testing Northwest, LLC
5755 8th Street East
Tacoma, WA 98424

Chain of Custody Record

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Client Information	Sampler: CAL	Lab PM:	Carrier Tracking No(s):	COC No:
Client Contact: Breeyn Greer	Phone: 612-232-7343	E-Mail:	State of Origin:	Page: Page 1 of 1
Company: Haley + Aldrich	PWSID:	Analysis Requested		Job #:
Address: 505 w Riverside ave ste 450	Due Date Requested:			Preservation Codes:
City: Spokane	TAT Requested (days): STD			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: Wa 99201	Compliance Project: Δ Yes Δ No			
Phone: 612-232-7343	PO #: Purchase Order not required			Other:
Email: bgreer@haleyaldrich.com	WO #:			
Project Name: CUSD Gun Club	Project #: 0202349			
Site: 0202349	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Wwater, Bsolid, Owwaste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	CPAHs Project specific LSM processing	Perform MS/MSD (Yes or No)	Special Instructions/Note:
			Preservation Code:					
CP_54_1	11-6-24	10:30	C	SOIL		X	X	
CP_25_1		8:30				X	X	
CP_35_1		9:30				X	X	
CP_34_1		9:00				X	X	
CP_66_1		11:00				X	X	
CP_47_1		10:00				X	X	
CP_80_1		11:30				X	X	
CP_144_1	11-5-24	16:00				X	X	
CP_96_1	11-6-24	14:30				X	X	
CP_110_1		15:00				X	X	

Therm. ID: 14 Cor: 0.6° Unc: 0.2
Cooler Dsc: Lg Blue
Packing: none
Cust. Seal: Yes ✓ No
Blue Ice: Wet, Dry, None
FedEx:
UPS: ✓
Lab Courr:
Other:

580-145667 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☒ Archive For 1 Months

Deliverable Requested: I, II, III, IV, Other (specify) EDD

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Cameron Lackey	11-6-24 15:25		James Mauldin	11/7/24 0950	EETN
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

11/21/2024

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 580-145667-1

Login Number: 145667
List Number: 1
Creator: Prigge, Madison

List Source: Eurofins Seattle

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Breeyn Greer
Haley & Aldrich, Inc.
505 W Riverside Ave
Suite 450
Spokane, Washington 99201

Generated 12/7/2024 3:24:51 PM

JOB DESCRIPTION

CVSD Gun Club

JOB NUMBER

580-145882-1

Eurofins Seattle
5755 8th Street East
Tacoma WA 98424

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

Authorization



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12/7/2024 3:24:51 PM

Authorized for release by
Tracy Dutton, Client Relations Manager
Tracy.Dutton@et.eurofinsus.com
(253)248-4970

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Job Narrative
580-145882-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/15/2024 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.5°C.

ISM Processing
All samples were processed via ISM prior to extraction and analysis. 8270E SIM was processed via ISM as received and Method 6010D was processed as dried and sieved.

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

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

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

Qualifiers

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit

Glossary

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

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145882-1

Client Sample ID: C_73_1
Date Collected: 11/14/24 09:00
Date Received: 11/15/24 09:30

Lab Sample ID: 580-145882-1
Matrix: Solid
Percent Solids: 87.1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0062	0.0027	mg/Kg	☼	11/20/24 20:54	11/24/24 00:56	1
2-Methylnaphthalene	ND		0.0068	0.0033	mg/Kg	☼	11/20/24 20:54	11/24/24 00:56	1
Benzo[a]anthracene	**0.033**		0.0062	0.0025	mg/Kg	☼	11/20/24 20:54	11/24/24 00:56	1
Benzo[a]pyrene	**0.053**		0.0062	0.0022	mg/Kg	☼	11/20/24 20:54	11/24/24 00:56	1
Benzo[b]fluoranthene	**0.051**		0.0056	0.0013	mg/Kg	☼	11/20/24 20:54	11/24/24 00:56	1
Benzo[k]fluoranthene	**0.019**		0.0062	0.0020	mg/Kg	☼	11/20/24 20:54	11/24/24 00:56	1
Chrysene	**0.052**		0.0056	0.0017	mg/Kg	☼	11/20/24 20:54	11/24/24 00:56	1
Dibenz(a,h)anthracene	ND		0.0062	0.00081	mg/Kg	☼	11/20/24 20:54	11/24/24 00:56	1
Indeno[1,2,3-cd]pyrene	**0.026**		0.0062	0.0025	mg/Kg	☼	11/20/24 20:54	11/24/24 00:56	1
Naphthalene	ND		0.0056	0.0018	mg/Kg	☼	11/20/24 20:54	11/24/24 00:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*111*		*57 - 145*	*11/20/24 20:54*	*11/24/24 00:56*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**6.9**		5.5	0.45	mg/Kg		12/04/24 11:19	12/05/24 14:13	4
Lead	**44**		2.7	0.41	mg/Kg		12/04/24 11:19	12/05/24 14:13	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	**1.0**				NONE			11/25/24 10:54	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**87.1**		0.1	0.1	%			11/26/24 09:58	1
Percent Moisture (SM22 2540G)	**12.9**		0.1	0.1	%			11/26/24 09:58	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145882-1

Client Sample ID: C_78_1
Date Collected: 11/14/24 09:30
Date Received: 11/15/24 09:30

Lab Sample ID: 580-145882-2
Matrix: Solid
Percent Solids: 88.5

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0057	0.0025	mg/Kg	☼	11/20/24 20:54	11/24/24 01:20	1
2-Methylnaphthalene	ND		0.0063	0.0031	mg/Kg	☼	11/20/24 20:54	11/24/24 01:20	1
Benzo[a]anthracene	**0.10**		0.0057	0.0023	mg/Kg	☼	11/20/24 20:54	11/24/24 01:20	1
Benzo[a]pyrene	**0.19**		0.0057	0.0020	mg/Kg	☼	11/20/24 20:54	11/24/24 01:20	1
Benzo[b]fluoranthene	**0.18**		0.0052	0.0012	mg/Kg	☼	11/20/24 20:54	11/24/24 01:20	1
Benzo[k]fluoranthene	**0.082**		0.0057	0.0018	mg/Kg	☼	11/20/24 20:54	11/24/24 01:20	1
Chrysene	**0.15**		0.0052	0.0016	mg/Kg	☼	11/20/24 20:54	11/24/24 01:20	1
Dibenz(a,h)anthracene	ND		0.0057	0.00075	mg/Kg	☼	11/20/24 20:54	11/24/24 01:20	1
Indeno[1,2,3-cd]pyrene	**0.094**		0.0057	0.0023	mg/Kg	☼	11/20/24 20:54	11/24/24 01:20	1
Naphthalene	ND		0.0052	0.0017	mg/Kg	☼	11/20/24 20:54	11/24/24 01:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*111*		*57 - 145*	*11/20/24 20:54*	*11/24/24 01:20*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**7.2**		5.5	0.46	mg/Kg		12/04/24 11:19	12/05/24 14:17	4
Lead	**72**		2.8	0.41	mg/Kg		12/04/24 11:19	12/05/24 14:17	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	**1.0**				NONE			11/25/24 10:54	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**88.5**		0.1	0.1	%			11/26/24 09:58	1
Percent Moisture (SM22 2540G)	**11.5**		0.1	0.1	%			11/26/24 09:58	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145882-1

Client Sample ID: C_77_3
Date Collected: 11/14/24 10:45
Date Received: 11/15/24 09:30

Lab Sample ID: 580-145882-3
Matrix: Solid
Percent Solids: 90.5

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0059	0.0026	mg/Kg	☼	11/20/24 20:54	11/24/24 01:44	1
2-Methylnaphthalene	ND		0.0065	0.0032	mg/Kg	☼	11/20/24 20:54	11/24/24 01:44	1
Benzo[a]anthracene	**0.040**		0.0059	0.0024	mg/Kg	☼	11/20/24 20:54	11/24/24 01:44	1
Benzo[a]pyrene	**0.071**		0.0059	0.0021	mg/Kg	☼	11/20/24 20:54	11/24/24 01:44	1
Benzo[b]fluoranthene	**0.071**		0.0054	0.0012	mg/Kg	☼	11/20/24 20:54	11/24/24 01:44	1
Benzo[k]fluoranthene	**0.031**		0.0059	0.0019	mg/Kg	☼	11/20/24 20:54	11/24/24 01:44	1
Chrysene	**0.056**		0.0054	0.0016	mg/Kg	☼	11/20/24 20:54	11/24/24 01:44	1
Dibenz(a,h)anthracene	ND		0.0059	0.00077	mg/Kg	☼	11/20/24 20:54	11/24/24 01:44	1
Indeno[1,2,3-cd]pyrene	**0.038**		0.0059	0.0024	mg/Kg	☼	11/20/24 20:54	11/24/24 01:44	1
Naphthalene	ND		0.0054	0.0017	mg/Kg	☼	11/20/24 20:54	11/24/24 01:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*108*		*57 - 145*	*11/20/24 20:54*	*11/24/24 01:44*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**8.0**		5.7	0.47	mg/Kg		12/04/24 11:19	12/05/24 14:20	4
Lead	**39**		2.9	0.42	mg/Kg		12/04/24 11:19	12/05/24 14:20	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	**1.0**				NONE			11/25/24 10:54	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**90.5**		0.1	0.1	%			11/26/24 09:58	1
Percent Moisture (SM22 2540G)	**9.5**		0.1	0.1	%			11/26/24 09:58	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145882-1

Client Sample ID: CP_97_2
Date Collected: 11/14/24 10:00
Date Received: 11/15/24 09:30

Lab Sample ID: 580-145882-4
Matrix: Solid
Percent Solids: 82.0

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0067	0.0029	mg/Kg	☼	11/20/24 20:54	11/24/24 02:08	1
2-Methylnaphthalene	ND		0.0073	0.0036	mg/Kg	☼	11/20/24 20:54	11/24/24 02:08	1
Benzo[a]anthracene	**0.14**		0.0067	0.0027	mg/Kg	☼	11/20/24 20:54	11/24/24 02:08	1
Benzo[a]pyrene	**0.24**		0.0067	0.0023	mg/Kg	☼	11/20/24 20:54	11/24/24 02:08	1
Benzo[b]fluoranthene	**0.27**		0.0061	0.0014	mg/Kg	☼	11/20/24 20:54	11/24/24 02:08	1
Benzo[k]fluoranthene	**0.10**		0.0067	0.0021	mg/Kg	☼	11/20/24 20:54	11/24/24 02:08	1
Chrysene	**0.19**		0.0061	0.0018	mg/Kg	☼	11/20/24 20:54	11/24/24 02:08	1
Dibenz(a,h)anthracene	ND		0.0067	0.00088	mg/Kg	☼	11/20/24 20:54	11/24/24 02:08	1
Indeno[1,2,3-cd]pyrene	**0.13**		0.0067	0.0027	mg/Kg	☼	11/20/24 20:54	11/24/24 02:08	1
Naphthalene	ND		0.0061	0.0020	mg/Kg	☼	11/20/24 20:54	11/24/24 02:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*104*		*57 - 145*	*11/20/24 20:54*	*11/24/24 02:08*	*1*

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	**1.0**				NONE			11/25/24 10:54	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**82.0**		0.1	0.1	%			11/26/24 09:58	1
Percent Moisture (SM22 2540G)	**18.0**		0.1	0.1	%			11/26/24 09:58	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145882-1

Client Sample ID: CL_71_1

Date Collected: 11/14/24 10:20
Date Received: 11/15/24 09:30

Lab Sample ID: 580-145882-5

Matrix: Solid

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.1		5.6	0.46	mg/Kg		12/04/24 11:19	12/05/24 14:32	4
Lead	90		2.8	0.41	mg/Kg		12/04/24 11:19	12/05/24 14:32	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	1.0				NONE			11/25/24 10:54	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	89.8		0.1	0.1	%			11/26/24 09:58	1
Percent Moisture (SM22 2540G)	10.2		0.1	0.1	%			11/26/24 09:58	1

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

Lab Sample ID: MB 580-478502/1-A
Matrix: Solid
Analysis Batch: 478799

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 478502

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0055	0.0024	mg/Kg		11/20/24 20:52	11/23/24 19:20	1
2-Methylnaphthalene	ND		0.0060	0.0030	mg/Kg		11/20/24 20:52	11/23/24 19:20	1
Benzo[a]anthracene	ND		0.0055	0.0022	mg/Kg		11/20/24 20:52	11/23/24 19:20	1
Benzo[a]pyrene	ND		0.0055	0.0019	mg/Kg		11/20/24 20:52	11/23/24 19:20	1
Benzo[b]fluoranthene	ND		0.0050	0.0012	mg/Kg		11/20/24 20:52	11/23/24 19:20	1
Benzo[k]fluoranthene	ND		0.0055	0.0017	mg/Kg		11/20/24 20:52	11/23/24 19:20	1
Chrysene	ND		0.0050	0.0015	mg/Kg		11/20/24 20:52	11/23/24 19:20	1
Dibenz(a,h)anthracene	ND		0.0055	0.00072	mg/Kg		11/20/24 20:52	11/23/24 19:20	1
Indeno[1,2,3-cd]pyrene	ND		0.0055	0.0022	mg/Kg		11/20/24 20:52	11/23/24 19:20	1
Naphthalene	ND		0.0050	0.0016	mg/Kg		11/20/24 20:52	11/23/24 19:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*110*		*57 - 145*	*11/20/24 20:52*	*11/23/24 19:20*	*1*

Lab Sample ID: LCS 580-478502/2-A
Matrix: Solid
Analysis Batch: 478799

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 478502

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene			2.00	2.03		mg/Kg		101	64 - 120		
2-Methylnaphthalene			2.00	2.02		mg/Kg		101	64 - 120		
Benzo[a]anthracene			2.00	1.91		mg/Kg		96	66 - 127		
Benzo[a]pyrene			2.00	2.17		mg/Kg		109	66 - 124		
Benzo[b]fluoranthene			2.00	2.08		mg/Kg		104	54 - 122		
Benzo[k]fluoranthene			2.00	2.23		mg/Kg		111	51 - 131		
Chrysene			2.00	1.94		mg/Kg		97	57 - 128		
Dibenz(a,h)anthracene			2.00	1.69		mg/Kg		84	64 - 133		
Indeno[1,2,3-cd]pyrene			2.00	1.66		mg/Kg		83	63 - 132		
Naphthalene			2.00	1.96		mg/Kg		98	65 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14	*100*		*57 - 145*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 350-3683/23-A
Matrix: Solid
Analysis Batch: 3736

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3683

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.12	mg/Kg		12/04/24 11:19	12/05/24 13:44	1
Lead	ND		0.75	0.11	mg/Kg		12/04/24 11:19	12/05/24 13:44	1

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

Lab Sample ID: LCS 350-3683/24-A
Matrix: Solid
Analysis Batch: 3736

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3683

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			25.0	22.8		mg/Kg		91	80 - 120		
Lead			25.0	23.4		mg/Kg		94	80 - 120		

Method: 2540G - SM 2540G

Lab Sample ID: 580-145882-2 DU
Matrix: Solid
Analysis Batch: 478973

Client Sample ID: C_78_1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	88.5			83.1		%				6	20
Percent Moisture	11.5			16.9	F3	%				38	20

Client Sample ID: C_73_1 — **Lab Sample ID: 580-145882-1**
Date Collected: 11/14/24 09:00 — **Matrix: Solid**
Date Received: 11/15/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			478871	MJ	EET SSM	11/25/24 10:54
Total/NA	Prep	3050B			3683	J1H	EET SSM	12/04/24 11:19
Total/NA	Analysis	6010D		4	3736	JLS	EET SSM	12/05/24 14:13
Total/NA	ISM Prep	Increment, prep			478376	MJ	EET SEA	11/20/24 10:34
Total/NA	Analysis	2540G		1	478973	B1M	EET SEA	11/26/24 09:58
Total/NA	Analysis	Increment, prep		1	478871	MJ	EET SEA	11/25/24 10:54

Client Sample ID: C_73_1 — **Lab Sample ID: 580-145882-1**
Date Collected: 11/14/24 09:00 — **Matrix: Solid**
Date Received: 11/15/24 09:30 — **Percent Solids: 87.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478376	MJ	EET SEA	11/20/24 10:34
Total/NA	Prep	3546			478502	ER	EET SEA	11/20/24 20:54
Total/NA	Analysis	8270E SIM		1	478799	VLF	EET SEA	11/24/24 00:56

Client Sample ID: C_78_1 — **Lab Sample ID: 580-145882-2**
Date Collected: 11/14/24 09:30 — **Matrix: Solid**
Date Received: 11/15/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			478871	MJ	EET SSM	11/25/24 10:54
Total/NA	Prep	3050B			3683	J1H	EET SSM	12/04/24 11:19
Total/NA	Analysis	6010D		4	3736	JLS	EET SSM	12/05/24 14:17
Total/NA	ISM Prep	Increment, prep			478376	MJ	EET SEA	11/20/24 10:34
Total/NA	Analysis	2540G		1	478973	B1M	EET SEA	11/26/24 09:58
Total/NA	Analysis	Increment, prep		1	478871	MJ	EET SEA	11/25/24 10:54

Client Sample ID: C_78_1 — **Lab Sample ID: 580-145882-2**
Date Collected: 11/14/24 09:30 — **Matrix: Solid**
Date Received: 11/15/24 09:30 — **Percent Solids: 88.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478376	MJ	EET SEA	11/20/24 10:34
Total/NA	Prep	3546			478502	ER	EET SEA	11/20/24 20:54
Total/NA	Analysis	8270E SIM		1	478799	VLF	EET SEA	11/24/24 01:20

Client Sample ID: C_77_3 — **Lab Sample ID: 580-145882-3**
Date Collected: 11/14/24 10:45 — **Matrix: Solid**
Date Received: 11/15/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			478871	MJ	EET SSM	11/25/24 10:54
Total/NA	Prep	3050B			3683	J1H	EET SSM	12/04/24 11:19
Total/NA	Analysis	6010D		4	3736	JLS	EET SSM	12/05/24 14:20

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145882-1

Client Sample ID: C_77_3
Date Collected: 11/14/24 10:45
Date Received: 11/15/24 09:30

Lab Sample ID: 580-145882-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478376	MJ	EET SEA	11/20/24 10:34
Total/NA	Analysis	2540G		1	478973	B1M	EET SEA	11/26/24 09:58
Total/NA	Analysis	Increment, prep		1	478871	MJ	EET SEA	11/25/24 10:54

Client Sample ID: C_77_3
Date Collected: 11/14/24 10:45
Date Received: 11/15/24 09:30

Lab Sample ID: 580-145882-3
Matrix: Solid
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478376	MJ	EET SEA	11/20/24 10:34
Total/NA	Prep	3546			478502	ER	EET SEA	11/20/24 20:54
Total/NA	Analysis	8270E SIM		1	478799	VLF	EET SEA	11/24/24 01:44

Client Sample ID: CP_97_2
Date Collected: 11/14/24 10:00
Date Received: 11/15/24 09:30

Lab Sample ID: 580-145882-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478376	MJ	EET SEA	11/20/24 10:34
Total/NA	Analysis	2540G		1	478973	B1M	EET SEA	11/26/24 09:58
Total/NA	Analysis	Increment, prep		1	478871	MJ	EET SEA	11/25/24 10:54

Client Sample ID: CP_97_2
Date Collected: 11/14/24 10:00
Date Received: 11/15/24 09:30

Lab Sample ID: 580-145882-4
Matrix: Solid
Percent Solids: 82.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478376	MJ	EET SEA	11/20/24 10:34
Total/NA	Prep	3546			478502	ER	EET SEA	11/20/24 20:54
Total/NA	Analysis	8270E SIM		1	478799	VLF	EET SEA	11/24/24 02:08

Client Sample ID: CL_71_1
Date Collected: 11/14/24 10:20
Date Received: 11/15/24 09:30

Lab Sample ID: 580-145882-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			478871	MJ	EET SSM	11/25/24 10:54
Total/NA	Prep	3050B			3683	J1H	EET SSM	12/04/24 11:19
Total/NA	Analysis	6010D		4	3736	JLS	EET SSM	12/05/24 14:32
Total/NA	ISM Prep	Increment, prep			478376	MJ	EET SEA	11/20/24 10:34
Total/NA	Analysis	2540G		1	478973	B1M	EET SEA	11/26/24 09:58
Total/NA	Analysis	Increment, prep		1	478871	MJ	EET SEA	11/25/24 10:54

Laboratory References:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

EET SSM = Eurofins Seattle Specialty Metals, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145882-1

Laboratory: Eurofins Seattle

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C788-24	07-13-25

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

Analysis Method	Prep Method	Matrix	Analyte
2540G		Solid	Percent Solids
Increment, prep		Solid	Incremented sample generated

Laboratory: Eurofins Seattle Specialty Metals

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-004	12-18-24
ANAB	Dept. of Defense ELAP	L2236	01-19-25
ANAB	Dept. of Energy	L2236.01	12-18-24
ANAB	ISO/IEC 17025	L2236	01-19-25
California	State	2954	07-07-25
Florida	NELAP	E87575	06-30-25
Louisiana (All)	NELAP	03073	06-30-25
New Jersey	NELAP	WA014	06-30-25
New York	NELAP	11662	04-01-25
Oregon	NELAP	4167-008	07-07-25
US Fish & Wildlife	US Federal Programs	A20571	06-30-25
Washington	State	C788-23a	07-13-25
Wisconsin	State	399133460	12-18-24

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145882-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-145882-1	C_73_1	Solid	11/14/24 09:00	11/15/24 09:30
580-145882-2	C_78_1	Solid	11/14/24 09:30	11/15/24 09:30
580-145882-3	C_77_3	Solid	11/14/24 10:45	11/15/24 09:30
580-145882-4	CP_97_2	Solid	11/14/24 10:00	11/15/24 09:30
580-145882-5	CL_71_1	Solid	11/14/24 10:20	11/15/24 09:30

Eurofins Environmental Testing Northwest, LLC
5755 8th Street East
Tacoma, WA 98424

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Chain of Custody Record

Client Information
Client Contact: Breeyn Greer
Company: Haley + Aldrich
Address: 505 W Riverside ave Ste 450
City: Spokane
State, Zip: Wa 99201
Phone: 612-232-7343
Email: bgreer@haleyaldrich.com
Project Name: CVSD Gun Club
Site: 0202349

Sampler: CAL
Phone: 612-232-7343
PWSID:
Lab PM:
E-Mail:
Carrier Tracking No(s):
State of Origin:
COC No:
Page: Page 1 of 1
Job #:

Due Date Requested:
TAT Requested (days): STD
Compliance Project: Δ Yes Δ No
PO #: Purchase Order not required
WO #:
Project #: 0202349
SSOW#:

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	CPAHs Project specific List	Tsm processing	Pb, As EPA 6010/6020	Preservation Code:
C_73_1	11-14-24	9:00	C	Soil	X	X	X	
C_78_1		9:30			X	X	X	
C_77_3		10:45			X	Y	X	
CP_97_2		10:00			X	X		
CL_71_1		10:20				X	X	CL

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Special Instructions/Note:

580-145882 Chain of Custody

Possible Hazard Identification
Δ Non-Hazard, Flammable, Skin Irritant, Poison B, Unknown, Radiological
Deliverable Requested: I, II, III, IV, Other (specify) EDD

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Return To Client, Disposal By Lab, Archive For 1 Months
Special Instructions/QC Requirements:

Empty Kit Relinquished by: Date: Time: Method of Shipment:
Relinquished by: Cameron Lackey — Date/Time: 11-14-24 14:00 — Company: H+A
Relinquished by: — Date/Time: — Company
Relinquished by: — Date/Time: — Company

Received by: — Date/Time: 11-15-24 930 — Company: EEN+
Received by: — Date/Time: — Company
Received by: — Date/Time: — Company
Cooler Temp. ID: 14 Cor: 0.5 Unc: 0.1
Cooler Dsc: LB
Packing: NONE
Trust. Seal: Yes No
Blue Ice, Wet, Dry, None
FedEx:
UPS: NDA
Lab Courr:
Other:

Custody Seals Intact: Δ Yes Δ No — Custody Seal No.:

Ver: 01/16/2019

12/7/2024

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 580-145882-1

Login Number: 145882
List Number: 1
Creator: Groves, Elizabeth

List Source: Eurofins Seattle

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Breeyn Greer
Haley & Aldrich, Inc.
505 W Riverside Ave
Suite 450
Spokane, Washington 99201

Generated 12/9/2024 7:17:56 PM

JOB DESCRIPTION

CVSD Gun Club

JOB NUMBER

580-145967-1

Eurofins Seattle
5755 8th Street East
Tacoma WA 98424

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

Authorization

Tracy Dutton

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Authorized for release by
Tracy Dutton, Client Relations Manager
Tracy.Dutton@et.eurofinsus.com
(253)248-4970

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Job Narrative
580-145967-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/19/2024 9:55 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.8°C.

ISM Processing
All samples were processed via ISM prior to extraction and analysis. 8270E SIM was processed via ISM as received and Method 6010D was processed as dried and sieved.

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

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

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

Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145967-1

Qualifiers

GC/MS Semi VOA

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

Glossary

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

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145967-1

Client Sample ID: C_28_1.5

Date Collected: 11/18/24 08:10
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145967-1

Matrix: Solid

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.0		6.0	0.49	mg/Kg		12/04/24 11:19	12/05/24 14:35	4
Lead	77		3.0	0.44	mg/Kg		12/04/24 11:19	12/05/24 14:35	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	1.0				NONE			11/25/24 11:18	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	91.8		0.1	0.1	%			11/26/24 11:04	1
Percent Moisture (SM22 2540G)	8.3		0.1	0.1	%			11/26/24 11:04	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145967-1

Client Sample ID: C_31_1.5

Date Collected: 11/18/24 09:10
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145967-2

Matrix: Solid

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	14		5.7	0.47	mg/Kg		12/04/24 13:16	12/06/24 15:24	4
Lead	430		2.8	0.42	mg/Kg		12/04/24 13:16	12/06/24 15:24	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	1.0				NONE			11/25/24 11:18	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	91.0		0.1	0.1	%			11/26/24 09:38	1
Percent Moisture (SM22 2540G)	9.0		0.1	0.1	%			11/26/24 09:38	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145967-1

Client Sample ID: C_37_1.5
Date Collected: 11/18/24 09:40
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145967-3
Matrix: Solid
Percent Solids: 90.7

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0058	0.0025	mg/Kg	☼	11/25/24 17:30	12/05/24 16:02	1
2-Methylnaphthalene	ND		0.0063	0.0031	mg/Kg	☼	11/25/24 17:30	12/05/24 16:02	1
Benzo[a]anthracene	**0.0043**	**J**	0.0058	0.0023	mg/Kg	☼	11/25/24 17:30	12/05/24 16:02	1
Benzo[a]pyrene	**0.0062**		0.0058	0.0020	mg/Kg	☼	11/25/24 17:30	12/05/24 16:02	1
Benzo[b]fluoranthene	**0.0061**		0.0053	0.0012	mg/Kg	☼	11/25/24 17:30	12/05/24 16:02	1
Benzo[k]fluoranthene	**0.0026**	**J**	0.0058	0.0018	mg/Kg	☼	11/25/24 17:30	12/05/24 16:02	1
Chrysene	**0.0047**	**J**	0.0053	0.0016	mg/Kg	☼	11/25/24 17:30	12/05/24 16:02	1
Dibenz(a,h)anthracene	ND		0.0058	0.00076	mg/Kg	☼	11/25/24 17:30	12/05/24 16:02	1
Indeno[1,2,3-cd]pyrene	**0.0023**	**J**	0.0058	0.0023	mg/Kg	☼	11/25/24 17:30	12/05/24 16:02	1
Naphthalene	ND		0.0053	0.0017	mg/Kg	☼	11/25/24 17:30	12/05/24 16:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*99*		*57 - 145*	*11/25/24 17:30*	*12/05/24 16:02*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**200**		2.9	0.43	mg/Kg		12/04/24 13:16	12/06/24 15:27	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	**1.0**				NONE			11/25/24 11:18	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**90.7**		0.1	0.1	%			11/26/24 09:38	1
Percent Moisture (SM22 2540G)	**9.3**		0.1	0.1	%			11/26/24 09:38	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145967-1

Client Sample ID: C_38_1.5
Date Collected: 11/18/24 10:15
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145967-4
Matrix: Solid
Percent Solids: 90.6

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0060	0.0026	mg/Kg	☼	11/25/24 17:30	12/05/24 16:26	1
2-Methylnaphthalene	ND		0.0065	0.0032	mg/Kg	☼	11/25/24 17:30	12/05/24 16:26	1
Benzo[a]anthracene	**0.054**		0.0060	0.0024	mg/Kg	☼	11/25/24 17:30	12/05/24 16:26	1
Benzo[a]pyrene	**0.089**		0.0060	0.0021	mg/Kg	☼	11/25/24 17:30	12/05/24 16:26	1
Benzo[b]fluoranthene	**0.093**		0.0054	0.0013	mg/Kg	☼	11/25/24 17:30	12/05/24 16:26	1
Benzo[k]fluoranthene	**0.037**		0.0060	0.0019	mg/Kg	☼	11/25/24 17:30	12/05/24 16:26	1
Chrysene	**0.067**		0.0054	0.0016	mg/Kg	☼	11/25/24 17:30	12/05/24 16:26	1
Dibenz(a,h)anthracene	ND		0.0060	0.00078	mg/Kg	☼	11/25/24 17:30	12/05/24 16:26	1
Indeno[1,2,3-cd]pyrene	**0.038**		0.0060	0.0024	mg/Kg	☼	11/25/24 17:30	12/05/24 16:26	1
Naphthalene	ND		0.0054	0.0018	mg/Kg	☼	11/25/24 17:30	12/05/24 16:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*99*		*57 - 145*	*11/25/24 17:30*	*12/05/24 16:26*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**15**		5.6	0.46	mg/Kg		12/04/24 13:16	12/06/24 15:59	4
Lead	**620**		2.8	0.41	mg/Kg		12/04/24 13:16	12/06/24 15:59	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	**1.0**				NONE			11/25/24 11:18	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**90.6**		0.1	0.1	%			11/26/24 11:04	1
Percent Moisture (SM22 2540G)	**9.4**		0.1	0.1	%			11/26/24 11:04	1

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

Lab Sample ID: MB 580-478935/1-A
Matrix: Solid
Analysis Batch: 479597

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 478935

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0055	0.0024	mg/Kg		11/25/24 17:30	12/05/24 10:26	1
2-Methylnaphthalene	ND		0.0060	0.0030	mg/Kg		11/25/24 17:30	12/05/24 10:26	1
Benzo[a]anthracene	ND		0.0055	0.0022	mg/Kg		11/25/24 17:30	12/05/24 10:26	1
Benzo[a]pyrene	ND		0.0055	0.0019	mg/Kg		11/25/24 17:30	12/05/24 10:26	1
Benzo[b]fluoranthene	ND		0.0050	0.0012	mg/Kg		11/25/24 17:30	12/05/24 10:26	1
Benzo[k]fluoranthene	ND		0.0055	0.0017	mg/Kg		11/25/24 17:30	12/05/24 10:26	1
Chrysene	ND		0.0050	0.0015	mg/Kg		11/25/24 17:30	12/05/24 10:26	1
Dibenz(a,h)anthracene	ND		0.0055	0.00072	mg/Kg		11/25/24 17:30	12/05/24 10:26	1
Indeno[1,2,3-cd]pyrene	ND		0.0055	0.0022	mg/Kg		11/25/24 17:30	12/05/24 10:26	1
Naphthalene	ND		0.0050	0.0016	mg/Kg		11/25/24 17:30	12/05/24 10:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*92*		*57 - 145*	*11/25/24 17:30*	*12/05/24 10:26*	*1*

Lab Sample ID: LCS 580-478935/2-A
Matrix: Solid
Analysis Batch: 479597

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 478935

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	2.00	1.84		mg/Kg		92	64 - 120
2-Methylnaphthalene	2.00	1.99		mg/Kg		99	64 - 120
Benzo[a]anthracene	2.00	1.68		mg/Kg		84	66 - 127
Benzo[a]pyrene	2.00	1.91		mg/Kg		96	66 - 124
Benzo[b]fluoranthene	2.00	1.79		mg/Kg		89	54 - 122
Benzo[k]fluoranthene	2.00	1.81		mg/Kg		91	51 - 131
Chrysene	2.00	1.64		mg/Kg		82	57 - 128
Dibenz(a,h)anthracene	2.00	1.93		mg/Kg		96	64 - 133
Indeno[1,2,3-cd]pyrene	2.00	1.83		mg/Kg		91	63 - 132
Naphthalene	2.00	1.76		mg/Kg		88	65 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14	*93*		*57 - 145*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 350-3683/23-A
Matrix: Solid
Analysis Batch: 3736

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3683

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.12	mg/Kg		12/04/24 11:19	12/05/24 13:44	1
Lead	ND		0.75	0.11	mg/Kg		12/04/24 11:19	12/05/24 13:44	1

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

Lab Sample ID: LCS 350-3683/24-A
Matrix: Solid
Analysis Batch: 3736

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3683

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	25.0	22.8		mg/Kg		91	80 - 120
Lead	25.0	23.4		mg/Kg		94	80 - 120

Lab Sample ID: MB 350-3690/22-A
Matrix: Solid
Analysis Batch: 3747

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3690

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.12	mg/Kg		12/04/24 13:16	12/06/24 14:27	1
Lead	ND		0.75	0.11	mg/Kg		12/04/24 13:16	12/06/24 14:27	1

Lab Sample ID: LCS 350-3690/23-A
Matrix: Solid
Analysis Batch: 3747

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3690

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	25.0	23.6		mg/Kg		94	80 - 120
Lead	25.0	24.2		mg/Kg		97	80 - 120

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145967-1

Client Sample ID: C_28_1.5
Date Collected: 11/18/24 08:10
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145967-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			3683	J1H	EET SSM	12/04/24 11:19
Total/NA	Analysis	6010D		4	3736	JLS	EET SSM	12/05/24 14:35
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:13
Total/NA	Analysis	2540G		1	478999	B1M	EET SEA	11/26/24 11:04
Total/NA	Analysis	Increment, prep		1	478884	MJ	EET SEA	11/25/24 11:18

Client Sample ID: C_31_1.5
Date Collected: 11/18/24 09:10
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145967-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			478884	MJ	EET SSM	11/25/24 11:18
Total/NA	Prep	3050B			3690	J1H	EET SSM	12/04/24 13:16
Total/NA	Analysis	6010D		4	3747	JLS	EET SSM	12/06/24 15:24
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:13
Total/NA	Analysis	2540G		1	478970	B1M	EET SEA	11/26/24 09:38
Total/NA	Analysis	Increment, prep		1	478884	MJ	EET SEA	11/25/24 11:18

Client Sample ID: C_37_1.5
Date Collected: 11/18/24 09:40
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145967-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			478884	MJ	EET SSM	11/25/24 11:18
Total/NA	Prep	3050B			3690	J1H	EET SSM	12/04/24 13:16
Total/NA	Analysis	6010D		4	3747	JLS	EET SSM	12/06/24 15:27
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:13
Total/NA	Analysis	2540G		1	478970	B1M	EET SEA	11/26/24 09:38
Total/NA	Analysis	Increment, prep		1	478884	MJ	EET SEA	11/25/24 11:18

Client Sample ID: C_37_1.5
Date Collected: 11/18/24 09:40
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145967-3
Matrix: Solid
Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:13
Total/NA	Prep	3546			478935	KI	EET SEA	11/25/24 17:30
Total/NA	Analysis	8270E SIM		1	479597	CB	EET SEA	12/05/24 16:02

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145967-1

Client Sample ID: C_38_1.5
Date Collected: 11/18/24 10:15
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145967-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			478884	MJ	EET SSM	11/25/24 11:18
Total/NA	Prep	3050B			3690	J1H	EET SSM	12/04/24 13:16
Total/NA	Analysis	6010D		4	3767	JLS	EET SSM	12/06/24 15:59
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:13
Total/NA	Analysis	2540G		1	478999	B1M	EET SEA	11/26/24 11:04
Total/NA	Analysis	Increment, prep		1	478884	MJ	EET SEA	11/25/24 11:18

Client Sample ID: C_38_1.5
Date Collected: 11/18/24 10:15
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145967-4
Matrix: Solid
Percent Solids: 90.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:13
Total/NA	Prep	3546			478935	KI	EET SEA	11/25/24 17:30
Total/NA	Analysis	8270E SIM		1	479597	CB	EET SEA	12/05/24 16:26

Laboratory References:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

EET SSM = Eurofins Seattle Specialty Metals, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145967-1

Laboratory: Eurofins Seattle

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C788-24	07-13-25

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

Analysis Method	Prep Method	Matrix	Analyte
2540G		Solid	Percent Solids
Increment, prep		Solid	Incremented sample generated

Laboratory: Eurofins Seattle Specialty Metals

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-004	12-18-24
ANAB	Dept. of Defense ELAP	L2236	01-19-25
ANAB	Dept. of Energy	L2236.01	12-18-24
ANAB	ISO/IEC 17025	L2236	01-19-25
California	State	2954	07-07-25
Florida	NELAP	E87575	06-30-25
Louisiana (All)	NELAP	03073	06-30-25
New Jersey	NELAP	WA014	06-30-25
New York	NELAP	11662	04-01-25
Oregon	NELAP	4167-008	07-07-25
US Fish & Wildlife	US Federal Programs	A20571	06-30-25
Washington	State	C788-23a	07-13-25
Wisconsin	State	399133460	12-18-24

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145967-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-145967-1	C_28_1.5	Solid	11/18/24 08:10	11/19/24 09:55
580-145967-2	C_31_1.5	Solid	11/18/24 09:10	11/19/24 09:55
580-145967-3	C_37_1.5	Solid	11/18/24 09:40	11/19/24 09:55
580-145967-4	C_38_1.5	Solid	11/18/24 10:15	11/19/24 09:55

HALEY ALDRICH
Haley & Aldrich, Inc.
505 W. Riverside,
Suite 450,
Spokane Wa, 99201

CHAIN OF CUSTODY RECORD

Phone (617) 8886-7400
Fax (617) 8886-7600

H&A FILE NO.	220349	LABORATORY	Eurofins
PROJECT NAME	CVSD	ADDRESS	5755 8th St, E Tacoma, VA 98424
H&A CONTACT	Breeyn Greer	CONTACT	
DELIVERY DATE	11/18/24		
TURNAROUND TIME	Standard		
PROJECT MANAGER	Breeyn Greer		

Sample No.	Date	Time	Depth	Type	Analysis Requested: Pb EPA 6020	As EPA 6020	PAH Prefac	PAH List	ISM Processing	Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)
C-28-1.5	11-18-24	08:10	1.5 ft	Soil	X	X			X		Archive for 1 month
C-31-1.5	"	09:10	1.5 ft	"	X	X			X		
C-37-1.5	"	09:40	1.5 ft	"	X	X	X	X	X		
C-38-1.5	"	10:15	1.5 ft	"	X	X	X	X	X		

580-145967 Chain of Custody

Sampled and Relinquished by	Received by
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time

Relinquished by	Received by
Sign	Sign EMoyer
Print Luke W Peden	Print EGroyes
Firm Haley & Aldrich	Firm ETN
Date 11/19/24 Time 13:40	Date 11/19/24 Time 0955

Relinquished by	Received by
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time

LIQUID		SOLID	
VOA Vial		VOA Vial	
Amber Glass		Amber Glass	
Plastic Bottle		Clear Glass	
Preservative		Preservative	
Volume		Volume	

PRESERVATION KEY

A Sample chilled	C NaOH	E H_2SO_4	G Methanol
B Sample filtered	D HNO_3	F HCL	H Water/NaHSO4 (circle)

Sampling Comments

Non-Hazardous

Evidence samples were tampered with? YES NO

If YES, please explain in section below.

Presumptive Certainty Data Package (Laboratory to use applicable DEP CAM methods)

If Presumptive Certainty Data Package is needed, initial all sections:

_____ The required minimum field QC samples, as designated in BWSC CAM-VII have been or will be collected, as appropriate, to meet the requirements of Presumptive Certainty.

_____ Matrix Spike (MS) samples for MCP Metals and/or Cyanide are included and identified herein.

_____ This Chain of Custody Record (specify) _____ includes _____ does not include samples defined as Drinking Water Samples.

_____ If this Chain of Custody Record identifies samples defined as Drinking Water Samples, Trip Blanks and Field Duplicates are included and identified and analysis of TICs are required, as appropriate. Laboratory should (specify if applicable) _____ analyze

Required Reporting Limits and Data Quality Objectives

☐ RC-S1 ☐ S1 ☐ GW1
☐ RC-S2 ☐ S2 ☐ GW2
☐ RC-GW1 ☐ S3 ☐ GW3
☐ RC-GW2

WHITE - Laboratory CANARY - Project Manager PINK - Haley & Aldrich Laboratory

FEBRUARY 2016

IR11 0.8/1.8 MR/None/Wet/UPSNDA

Form 3003

12/9/2024

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 580-145967-1

Login Number: 145967
List Number: 1
Creator: Groves, Elizabeth

List Source: Eurofins Seattle

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Breeyn Greer
Haley & Aldrich, Inc.
505 W Riverside Ave
Suite 450
Spokane, Washington 99201

Generated 12/9/2024 7:21:58 PM

JOB DESCRIPTION

CVSD Gun Club

JOB NUMBER

580-145968-1

Eurofins Seattle
5755 8th Street East
Tacoma WA 98424

See page two for job notes and contact information.

my EOL

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

Authorization



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Job Narrative
580-145968-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/19/2024 9:55 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.3°C.

ISM Processing
All samples were processed via ISM prior to extraction and analysis. 8270E SIM was processed via ISM as received and Method 6010D was processed as dried and sieved.

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

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

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

Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Qualifiers

GC/MS Semi VOA

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

Glossary

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

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Client Sample ID: C_100_1.5
Date Collected: 11/15/24 12:00
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-1
Matrix: Solid
Percent Solids: 91.5

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0058	0.0025	mg/Kg	☼	11/25/24 17:30	12/05/24 16:51	1
2-Methylnaphthalene	ND		0.0063	0.0031	mg/Kg	☼	11/25/24 17:30	12/05/24 16:51	1
Benzo[a]anthracene	**0.052**		0.0058	0.0024	mg/Kg	☼	11/25/24 17:30	12/05/24 16:51	1
Benzo[a]pyrene	**0.086**		0.0058	0.0020	mg/Kg	☼	11/25/24 17:30	12/05/24 16:51	1
Benzo[b]fluoranthene	**0.092**		0.0053	0.0012	mg/Kg	☼	11/25/24 17:30	12/05/24 16:51	1
Benzo[k]fluoranthene	**0.036**		0.0058	0.0018	mg/Kg	☼	11/25/24 17:30	12/05/24 16:51	1
Chrysene	**0.064**		0.0053	0.0016	mg/Kg	☼	11/25/24 17:30	12/05/24 16:51	1
Dibenz(a,h)anthracene	ND		0.0058	0.00076	mg/Kg	☼	11/25/24 17:30	12/05/24 16:51	1
Indeno[1,2,3-cd]pyrene	**0.037**		0.0058	0.0023	mg/Kg	☼	11/25/24 17:30	12/05/24 16:51	1
Naphthalene	ND		0.0053	0.0017	mg/Kg	☼	11/25/24 17:30	12/05/24 16:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*98*		*57 - 145*	*11/25/24 17:30*	*12/05/24 16:51*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**61**		2.9	0.42	mg/Kg		12/04/24 13:16	12/06/24 15:55	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	**1.0**				NONE			12/02/24 10:47	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**91.5**		0.1	0.1	%			11/26/24 09:58	1
Percent Moisture (SM22 2540G)	**8.5**		0.1	0.1	%			11/26/24 09:58	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Client Sample ID: C_86_1.5
Date Collected: 11/15/24 12:20
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-2
Matrix: Solid
Percent Solids: 90.0

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0056	0.0024	mg/Kg	☼	11/25/24 17:30	12/05/24 17:15	1
2-Methylnaphthalene	ND		0.0062	0.0030	mg/Kg	☼	11/25/24 17:30	12/05/24 17:15	1
Benzo[a]anthracene	**0.033**		0.0056	0.0023	mg/Kg	☼	11/25/24 17:30	12/05/24 17:15	1
Benzo[a]pyrene	**0.054**		0.0056	0.0020	mg/Kg	☼	11/25/24 17:30	12/05/24 17:15	1
Benzo[b]fluoranthene	**0.057**		0.0051	0.0012	mg/Kg	☼	11/25/24 17:30	12/05/24 17:15	1
Benzo[k]fluoranthene	**0.024**		0.0056	0.0018	mg/Kg	☼	11/25/24 17:30	12/05/24 17:15	1
Chrysene	**0.042**		0.0051	0.0015	mg/Kg	☼	11/25/24 17:30	12/05/24 17:15	1
Dibenz(a,h)anthracene	ND		0.0056	0.00074	mg/Kg	☼	11/25/24 17:30	12/05/24 17:15	1
Indeno[1,2,3-cd]pyrene	**0.023**		0.0056	0.0022	mg/Kg	☼	11/25/24 17:30	12/05/24 17:15	1
Naphthalene	ND		0.0051	0.0017	mg/Kg	☼	11/25/24 17:30	12/05/24 17:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*99*		*57 - 145*	*11/25/24 17:30*	*12/05/24 17:15*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**210**		2.8	0.42	mg/Kg		12/04/24 13:16	12/06/24 15:31	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	**1.0**				NONE			12/02/24 10:47	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**90.0**		0.1	0.1	%			11/26/24 09:58	1
Percent Moisture (SM22 2540G)	**10**		0.1	0.1	%			11/26/24 09:58	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Client Sample ID: C_72_1.5

Date Collected: 11/15/24 13:40
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-3

Matrix: Solid

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.8		5.8	0.48	mg/Kg		12/04/24 13:16	12/06/24 16:02	4
Lead	63		2.9	0.43	mg/Kg		12/04/24 13:16	12/06/24 16:02	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	1.0				NONE			12/02/24 10:47	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	86.9		0.1	0.1	%			11/26/24 09:38	1
Percent Moisture (SM22 2540G)	13.1		0.1	0.1	%			11/26/24 09:38	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Client Sample ID: C_74_1.5
Date Collected: 11/15/24 12:35
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-4
Matrix: Solid
Percent Solids: 90.0

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0056	0.0024	mg/Kg	☼	11/25/24 17:30	12/05/24 17:39	1
2-Methylnaphthalene	ND		0.0062	0.0030	mg/Kg	☼	11/25/24 17:30	12/05/24 17:39	1
Benzo[a]anthracene	**0.025**		0.0056	0.0023	mg/Kg	☼	11/25/24 17:30	12/05/24 17:39	1
Benzo[a]pyrene	**0.041**		0.0056	0.0020	mg/Kg	☼	11/25/24 17:30	12/05/24 17:39	1
Benzo[b]fluoranthene	**0.043**		0.0051	0.0012	mg/Kg	☼	11/25/24 17:30	12/05/24 17:39	1
Benzo[k]fluoranthene	**0.018**		0.0056	0.0018	mg/Kg	☼	11/25/24 17:30	12/05/24 17:39	1
Chrysene	**0.032**		0.0051	0.0015	mg/Kg	☼	11/25/24 17:30	12/05/24 17:39	1
Dibenz(a,h)anthracene	ND		0.0056	0.00074	mg/Kg	☼	11/25/24 17:30	12/05/24 17:39	1
Indeno[1,2,3-cd]pyrene	**0.017**		0.0056	0.0022	mg/Kg	☼	11/25/24 17:30	12/05/24 17:39	1
Naphthalene	ND		0.0051	0.0017	mg/Kg	☼	11/25/24 17:30	12/05/24 17:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*95*		*57 - 145*	*11/25/24 17:30*	*12/05/24 17:39*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**72**		2.7	0.41	mg/Kg		12/04/24 13:16	12/06/24 16:06	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	**1.0**				NONE			12/02/24 10:47	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**90.0**		0.1	0.1	%			11/26/24 09:38	1
Percent Moisture (SM22 2540G)	**10.0**		0.1	0.1	%			11/26/24 09:38	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Client Sample ID: C_56_1.5

Date Collected: 11/15/24 12:45
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-5

Matrix: Solid

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	73		2.9	0.42	mg/Kg		12/04/24 13:16	12/06/24 16:09	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	1.0				NONE			12/02/24 10:47	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	87.7		0.1	0.1	%			11/26/24 09:38	1
Percent Moisture (SM22 2540G)	12.3		0.1	0.1	%			11/26/24 09:38	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Client Sample ID: C_50_1.5
Date Collected: 11/15/24 14:20
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-6
Matrix: Solid
Percent Solids: 90.4

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.0045	J	0.0059	0.0025	mg/Kg	☼	11/25/24 17:30	12/05/24 18:03	1
2-Methylnaphthalene	0.011		0.0064	0.0031	mg/Kg	☼	11/25/24 17:30	12/05/24 18:03	1
Benzo[a]anthracene	0.11		0.0059	0.0024	mg/Kg	☼	11/25/24 17:30	12/05/24 18:03	1
Benzo[a]pyrene	0.21		0.0059	0.0020	mg/Kg	☼	11/25/24 17:30	12/05/24 18:03	1
Benzo[b]fluoranthene	0.20		0.0053	0.0012	mg/Kg	☼	11/25/24 17:30	12/05/24 18:03	1
Benzo[k]fluoranthene	0.066		0.0059	0.0019	mg/Kg	☼	11/25/24 17:30	12/05/24 18:03	1
Chrysene	0.15		0.0053	0.0016	mg/Kg	☼	11/25/24 17:30	12/05/24 18:03	1
Dibenz(a,h)anthracene	ND		0.0059	0.00077	mg/Kg	☼	11/25/24 17:30	12/05/24 18:03	1
Indeno[1,2,3-cd]pyrene	0.074		0.0059	0.0023	mg/Kg	☼	11/25/24 17:30	12/05/24 18:03	1
Naphthalene	0.014		0.0053	0.0017	mg/Kg	☼	11/25/24 17:30	12/05/24 18:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*93*		*57 - 145*	*11/25/24 17:30*	*12/05/24 18:03*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	78		3.0	0.44	mg/Kg		12/04/24 13:16	12/06/24 16:16	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	1.0				NONE			12/02/24 10:47	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	90.4		0.1	0.1	%			11/26/24 09:58	1
Percent Moisture (SM22 2540G)	9.6		0.1	0.1	%			11/26/24 09:58	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Client Sample ID: C_48_1.5
Date Collected: 11/15/24 14:40
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-7
Matrix: Solid
Percent Solids: 88.9

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0061	0.0026	mg/Kg	☼	11/25/24 17:30	12/05/24 18:27	1
2-Methylnaphthalene	ND		0.0066	0.0033	mg/Kg	☼	11/25/24 17:30	12/05/24 18:27	1
Benzo[a]anthracene	**0.11**		0.0061	0.0025	mg/Kg	☼	11/25/24 17:30	12/05/24 18:27	1
Benzo[a]pyrene	**0.21**		0.0061	0.0021	mg/Kg	☼	11/25/24 17:30	12/05/24 18:27	1
Benzo[b]fluoranthene	**0.20**		0.0055	0.0013	mg/Kg	☼	11/25/24 17:30	12/05/24 18:27	1
Benzo[k]fluoranthene	**0.071**		0.0061	0.0019	mg/Kg	☼	11/25/24 17:30	12/05/24 18:27	1
Chrysene	**0.15**		0.0055	0.0017	mg/Kg	☼	11/25/24 17:30	12/05/24 18:27	1
Dibenz(a,h)anthracene	ND		0.0061	0.00080	mg/Kg	☼	11/25/24 17:30	12/05/24 18:27	1
Indeno[1,2,3-cd]pyrene	**0.080**		0.0061	0.0024	mg/Kg	☼	11/25/24 17:30	12/05/24 18:27	1
Naphthalene	ND		0.0055	0.0018	mg/Kg	☼	11/25/24 17:30	12/05/24 18:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*97*		*57 - 145*	*11/25/24 17:30*	*12/05/24 18:27*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**320**		2.8	0.41	mg/Kg		12/04/24 13:16	12/06/24 16:13	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	**1.0**				NONE			12/02/24 10:47	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**88.9**		0.1	0.1	%			11/26/24 09:58	1
Percent Moisture (SM22 2540G)	**11.1**		0.1	0.1	%			11/26/24 09:58	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Client Sample ID: C_69_1.5
Date Collected: 11/15/24 13:00
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-8
Matrix: Solid
Percent Solids: 89.2

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0061	0.0027	mg/Kg	☼	11/25/24 17:30	12/05/24 18:51	1
2-Methylnaphthalene	ND		0.0067	0.0033	mg/Kg	☼	11/25/24 17:30	12/05/24 18:51	1
Benzo[a]anthracene	**0.28**		0.0061	0.0025	mg/Kg	☼	11/25/24 17:30	12/05/24 18:51	1
Benzo[a]pyrene	**0.60**		0.0061	0.0021	mg/Kg	☼	11/25/24 17:30	12/05/24 18:51	1
Benzo[b]fluoranthene	**0.68**		0.0056	0.0013	mg/Kg	☼	11/25/24 17:30	12/05/24 18:51	1
Benzo[k]fluoranthene	**0.23**		0.0061	0.0019	mg/Kg	☼	11/25/24 17:30	12/05/24 18:51	1
Chrysene	**0.34**		0.0056	0.0017	mg/Kg	☼	11/25/24 17:30	12/05/24 18:51	1
Dibenz(a,h)anthracene	ND		0.0061	0.00080	mg/Kg	☼	11/25/24 17:30	12/05/24 18:51	1
Indeno[1,2,3-cd]pyrene	**0.29**		0.0061	0.0024	mg/Kg	☼	11/25/24 17:30	12/05/24 18:51	1
Naphthalene	ND		0.0056	0.0018	mg/Kg	☼	11/25/24 17:30	12/05/24 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*94*		*57 - 145*	*11/25/24 17:30*	*12/05/24 18:51*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**100**		2.8	0.42	mg/Kg		12/04/24 13:16	12/06/24 16:27	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	**1.0**				NONE			12/02/24 10:47	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**89.2**		0.1	0.1	%			11/26/24 09:58	1
Percent Moisture (SM22 2540G)	**10.8**		0.1	0.1	%			11/26/24 09:58	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Client Sample ID: CL_88_1.5
Date Collected: 11/15/24 10:00
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-9
Matrix: Solid

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	10		5.8	0.48	mg/Kg		12/04/24 13:16	12/06/24 16:23	4
Lead	270		2.9	0.43	mg/Kg		12/04/24 13:16	12/06/24 16:23	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	1.0				NONE			12/02/24 10:47	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	87.0		0.1	0.1	%			11/26/24 09:58	1
Percent Moisture (SM22 2540G)	13.0		0.1	0.1	%			11/26/24 09:58	1

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

Lab Sample ID: MB 580-478935/1-A
Matrix: Solid
Analysis Batch: 479597

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 478935

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0055	0.0024	mg/Kg		11/25/24 17:30	12/05/24 10:26	1
2-Methylnaphthalene	ND		0.0060	0.0030	mg/Kg		11/25/24 17:30	12/05/24 10:26	1
Benzo[a]anthracene	ND		0.0055	0.0022	mg/Kg		11/25/24 17:30	12/05/24 10:26	1
Benzo[a]pyrene	ND		0.0055	0.0019	mg/Kg		11/25/24 17:30	12/05/24 10:26	1
Benzo[b]fluoranthene	ND		0.0050	0.0012	mg/Kg		11/25/24 17:30	12/05/24 10:26	1
Benzo[k]fluoranthene	ND		0.0055	0.0017	mg/Kg		11/25/24 17:30	12/05/24 10:26	1
Chrysene	ND		0.0050	0.0015	mg/Kg		11/25/24 17:30	12/05/24 10:26	1
Dibenz(a,h)anthracene	ND		0.0055	0.00072	mg/Kg		11/25/24 17:30	12/05/24 10:26	1
Indeno[1,2,3-cd]pyrene	ND		0.0055	0.0022	mg/Kg		11/25/24 17:30	12/05/24 10:26	1
Naphthalene	ND		0.0050	0.0016	mg/Kg		11/25/24 17:30	12/05/24 10:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*92*		*57 - 145*	*11/25/24 17:30*	*12/05/24 10:26*	*1*

Lab Sample ID: LCS 580-478935/2-A
Matrix: Solid
Analysis Batch: 479597

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 478935

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	2.00	1.84		mg/Kg		92	64 - 120
2-Methylnaphthalene	2.00	1.99		mg/Kg		99	64 - 120
Benzo[a]anthracene	2.00	1.68		mg/Kg		84	66 - 127
Benzo[a]pyrene	2.00	1.91		mg/Kg		96	66 - 124
Benzo[b]fluoranthene	2.00	1.79		mg/Kg		89	54 - 122
Benzo[k]fluoranthene	2.00	1.81		mg/Kg		91	51 - 131
Chrysene	2.00	1.64		mg/Kg		82	57 - 128
Dibenz(a,h)anthracene	2.00	1.93		mg/Kg		96	64 - 133
Indeno[1,2,3-cd]pyrene	2.00	1.83		mg/Kg		91	63 - 132
Naphthalene	2.00	1.76		mg/Kg		88	65 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14	*93*		*57 - 145*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 350-3690/22-A
Matrix: Solid
Analysis Batch: 3747

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3690

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.12	mg/Kg		12/04/24 13:16	12/06/24 14:27	1
Lead	ND		0.75	0.11	mg/Kg		12/04/24 13:16	12/06/24 14:27	1

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

Lab Sample ID: LCS 350-3690/23-A
Matrix: Solid
Analysis Batch: 3747

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3690

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	25.0	23.6		mg/Kg		94	80 - 120
Lead	25.0	24.2		mg/Kg		97	80 - 120

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Client Sample ID: C_100_1.5
Date Collected: 11/15/24 12:00
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			479279	MJ	EET SSM	12/02/24 10:47
Total/NA	Prep	3050B			3690	J1H	EET SSM	12/04/24 13:16
Total/NA	Analysis	6010D		4	3767	JLS	EET SSM	12/06/24 15:55
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:47
Total/NA	Analysis	2540G		1	478973	B1M	EET SEA	11/26/24 09:58
Total/NA	Analysis	Increment, prep		1	479279	MJ	EET SEA	12/02/24 10:47

Client Sample ID: C_100_1.5
Date Collected: 11/15/24 12:00
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-1
Matrix: Solid
Percent Solids: 91.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:47
Total/NA	Prep	3546			478935	KI	EET SEA	11/25/24 17:30
Total/NA	Analysis	8270E SIM		1	479597	CB	EET SEA	12/05/24 16:51

Client Sample ID: C_86_1.5
Date Collected: 11/15/24 12:20
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			479279	MJ	EET SSM	12/02/24 10:47
Total/NA	Prep	3050B			3690	J1H	EET SSM	12/04/24 13:16
Total/NA	Analysis	6010D		4	3747	JLS	EET SSM	12/06/24 15:31
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:47
Total/NA	Analysis	2540G		1	478973	B1M	EET SEA	11/26/24 09:58
Total/NA	Analysis	Increment, prep		1	479279	MJ	EET SEA	12/02/24 10:47

Client Sample ID: C_86_1.5
Date Collected: 11/15/24 12:20
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-2
Matrix: Solid
Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:47
Total/NA	Prep	3546			478935	KI	EET SEA	11/25/24 17:30
Total/NA	Analysis	8270E SIM		1	479597	CB	EET SEA	12/05/24 17:15

Client Sample ID: C_72_1.5
Date Collected: 11/15/24 13:40
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			479279	MJ	EET SSM	12/02/24 10:47
Total/NA	Prep	3050B			3690	J1H	EET SSM	12/04/24 13:16
Total/NA	Analysis	6010D		4	3767	JLS	EET SSM	12/06/24 16:02

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Client Sample ID: C_72_1.5
Date Collected: 11/15/24 13:40
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:47
Total/NA	Analysis	2540G		1	478970	B1M	EET SEA	11/26/24 09:38
Total/NA	Analysis	Increment, prep		1	479279	MJ	EET SEA	12/02/24 10:47

Client Sample ID: C_74_1.5
Date Collected: 11/15/24 12:35
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			479279	MJ	EET SSM	12/02/24 10:47
Total/NA	Prep	3050B			3690	J1H	EET SSM	12/04/24 13:16
Total/NA	Analysis	6010D		4	3767	JLS	EET SSM	12/06/24 16:06
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:47
Total/NA	Analysis	2540G		1	478970	B1M	EET SEA	11/26/24 09:38
Total/NA	Analysis	Increment, prep		1	479279	MJ	EET SEA	12/02/24 10:47

Client Sample ID: C_74_1.5
Date Collected: 11/15/24 12:35
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-4
Matrix: Solid
Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:47
Total/NA	Prep	3546			478935	KI	EET SEA	11/25/24 17:30
Total/NA	Analysis	8270E SIM		1	479597	CB	EET SEA	12/05/24 17:39

Client Sample ID: C_56_1.5
Date Collected: 11/15/24 12:45
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			479279	MJ	EET SSM	12/02/24 10:47
Total/NA	Prep	3050B			3690	J1H	EET SSM	12/04/24 13:16
Total/NA	Analysis	6010D		4	3767	JLS	EET SSM	12/06/24 16:09
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:47
Total/NA	Analysis	2540G		1	478970	B1M	EET SEA	11/26/24 09:38
Total/NA	Analysis	Increment, prep		1	479279	MJ	EET SEA	12/02/24 10:47

Client Sample ID: C_50_1.5
Date Collected: 11/15/24 14:20
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			479279	MJ	EET SSM	12/02/24 10:47
Total/NA	Prep	3050B			3690	J1H	EET SSM	12/04/24 13:16
Total/NA	Analysis	6010D		4	3767	JLS	EET SSM	12/06/24 16:16

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Client Sample ID: C_50_1.5
Lab Sample ID: 580-145968-6
Date Collected: 11/15/24 14:20
Matrix: Solid
Date Received: 11/19/24 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:47
Total/NA	Analysis	2540G		1	478973	B1M	EET SEA	11/26/24 09:58
Total/NA	Analysis	Increment, prep		1	479279	MJ	EET SEA	12/02/24 10:47

Client Sample ID: C_50_1.5
Lab Sample ID: 580-145968-6
Date Collected: 11/15/24 14:20
Matrix: Solid
Date Received: 11/19/24 09:55
Percent Solids: 90.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:47
Total/NA	Prep	3546			478935	KI	EET SEA	11/25/24 17:30
Total/NA	Analysis	8270E SIM		1	479597	CB	EET SEA	12/05/24 18:03

Client Sample ID: C_48_1.5
Lab Sample ID: 580-145968-7
Date Collected: 11/15/24 14:40
Matrix: Solid
Date Received: 11/19/24 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			479279	MJ	EET SSM	12/02/24 10:47
Total/NA	Prep	3050B			3690	J1H	EET SSM	12/04/24 13:16
Total/NA	Analysis	6010D		4	3767	JLS	EET SSM	12/06/24 16:13
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:47
Total/NA	Analysis	2540G		1	478973	B1M	EET SEA	11/26/24 09:58
Total/NA	Analysis	Increment, prep		1	479279	MJ	EET SEA	12/02/24 10:47

Client Sample ID: C_48_1.5
Lab Sample ID: 580-145968-7
Date Collected: 11/15/24 14:40
Matrix: Solid
Date Received: 11/19/24 09:55
Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:47
Total/NA	Prep	3546			478935	KI	EET SEA	11/25/24 17:30
Total/NA	Analysis	8270E SIM		1	479597	CB	EET SEA	12/05/24 18:27

Client Sample ID: C_69_1.5
Lab Sample ID: 580-145968-8
Date Collected: 11/15/24 13:00
Matrix: Solid
Date Received: 11/19/24 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			479279	MJ	EET SSM	12/02/24 10:47
Total/NA	Prep	3050B			3690	J1H	EET SSM	12/04/24 13:16
Total/NA	Analysis	6010D		4	3767	JLS	EET SSM	12/06/24 16:27
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:47
Total/NA	Analysis	2540G		1	478973	B1M	EET SEA	11/26/24 09:58
Total/NA	Analysis	Increment, prep		1	479279	MJ	EET SEA	12/02/24 10:47

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Client Sample ID: C_69_1.5

Date Collected: 11/15/24 13:00
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-8

Matrix: Solid
Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:47
Total/NA	Prep	3546			478935	KI	EET SEA	11/25/24 17:30
Total/NA	Analysis	8270E SIM		1	479597	CB	EET SEA	12/05/24 18:51

Client Sample ID: CL_88_1.5

Date Collected: 11/15/24 10:00
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			479279	MJ	EET SSM	12/02/24 10:47
Total/NA	Prep	3050B			3690	J1H	EET SSM	12/04/24 13:16
Total/NA	Analysis	6010D		4	3767	JLS	EET SSM	12/06/24 16:23
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:47
Total/NA	Analysis	2540G		1	478973	B1M	EET SEA	11/26/24 09:58
Total/NA	Analysis	Increment, prep		1	479279	MJ	EET SEA	12/02/24 10:47

Laboratory References:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

EET SSM = Eurofins Seattle Specialty Metals, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Laboratory: Eurofins Seattle

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C788-24	07-13-25

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

Analysis Method	Prep Method	Matrix	Analyte
2540G		Solid	Percent Solids
Increment, prep		Solid	Incremented sample generated

Laboratory: Eurofins Seattle Specialty Metals

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-004	12-18-24
ANAB	Dept. of Defense ELAP	L2236	01-19-25
ANAB	Dept. of Energy	L2236.01	12-18-24
ANAB	ISO/IEC 17025	L2236	01-19-25
California	State	2954	07-07-25
Florida	NELAP	E87575	06-30-25
Louisiana (All)	NELAP	03073	06-30-25
New Jersey	NELAP	WA014	06-30-25
New York	NELAP	11662	04-01-25
Oregon	NELAP	4167-008	07-07-25
US Fish & Wildlife	US Federal Programs	A20571	06-30-25
Washington	State	C788-23a	07-13-25
Wisconsin	State	399133460	12-18-24

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-145968-1	C_100_1.5	Solid	11/15/24 12:00	11/19/24 09:55
580-145968-2	C_86_1.5	Solid	11/15/24 12:20	11/19/24 09:55
580-145968-3	C_72_1.5	Solid	11/15/24 13:40	11/19/24 09:55
580-145968-4	C_74_1.5	Solid	11/15/24 12:35	11/19/24 09:55
580-145968-5	C_56_1.5	Solid	11/15/24 12:45	11/19/24 09:55
580-145968-6	C_50_1.5	Solid	11/15/24 14:20	11/19/24 09:55
580-145968-7	C_48_1.5	Solid	11/15/24 14:40	11/19/24 09:55
580-145968-8	C_69_1.5	Solid	11/15/24 13:00	11/19/24 09:55
580-145968-9	CL_88_1.5	Solid	11/15/24 10:00	11/19/24 09:55

HALEY ALDRICH
Haley & Aldrich, Inc.
505 W. Riverside,
Suite 450,
Spokane Wa, 99201

CHAIN OF CUSTODY RECORD

Phone (617) 8886-7400
Fax (617) 8886-7600

Page 1 of 1 2nd

H&A FILE NO.	0202349	LABORATORY	Eurofins
PROJECT NAME	CVSD	ADDRESS	5755 8th St, East Tacoma, WA, 98424
H&A CONTACT	Breeyn Greer	CONTACT	
DELIVERY DATE	11/18/24		
TURNAROUND TIME	Standard		
PROJECT MANAGER	Breeyn Greer		

Sample No.	Date	Time	Depth	Type	Pb EPA 6020	As EPA 6020	cPAH Analysis Spec. List	TSCA Processing	Number of Containers
C_100_1.5	11-15-24	12:00	1.5 ft	Soil	X		X	X	
C_86_1.5		12:20	1.5 ft		X		X	X	
C_72_1.5		13:40	1.5 ft		X	X		X	
C_74_1.5		12:35	1.5 ft		X		X	X	
C_56_1.5		12:45	1.5 ft		X			X	
C_50_1.5		14:20	1.5 ft		X		X	X	
C_48_1.5		14:40	1.5 ft		X		X	X	
C_69_1.5		13:00	1.5 ft		X		X	X	
CL_88_1		10:00	1 ft		X	X	X	X	

Comments (special instructions, precautions, additional method numbers, etc.)

Archive for 1 month

Sampled and Relinquished by	Received by
Sign	Sign
Print Luke W. Peden	Print E Grover
Firm Haley & Aldrich	Firm EETN
Date 11/18/24 Time 13:40	Date 11/19/24 Time 0755

Relinquished by	Received by
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time

Relinquished by	Received by
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time

LIQUID	SOLID
VOA Vial	VOA Vial
Amber Glass	Amber Glass
Plastic Bottle	Clear Glass
Preservative	Preservative
Volume	Volume

Sampling Comments: Non-Hazardous

580-145968 Chain of Custody

Evidence samples were tampered with? YES NO
If YES, please explain in section below.

PRESERVATION KEY

A Sample chilled	C NaOH	E H_2SO_4	G Methanol
B Sample filtered	D HNO_3	F HCL	H Water/NaHSO4 (circle)

Presumptive Certainty Data Package (Laboratory to use applicable DEP CAM methods)

If Presumptive Certainty Data Package is needed, initial all sections:

_____ The required minimum field QC samples, as designated in BWSC CAM-VII have been or will be collected, as appropriate, to meet the requirements of Presumptive Certainty.

_____ Matrix Spike (MS) samples for MCP Metals and/or Cyanide are included and identified herein.

_____ This Chain of Custody Record (specify) _____ includes _____ does not include samples defined as Drinking Water Samples.

_____ If this Chain of Custody Record identifies samples defined as Drinking Water Samples, Trip Blanks and Field Duplicates are included and identified and analysis of TICs are required, as appropriate. Laboratory should (specify if applicable) _____ analyze

Required Reporting Limits and Data Quality Objectives

☐ RC-S1	☐ S1	☐ GW1
☐ RC-S2	☐ S2	☐ GW2
☐ RC-GW1	☐ S3	☐ GW3
☐ RC-GW2		

WHITE - Laboratory CANARY - Project Manager PINK - Haley & Aldrich Laboratory

IR11 0.3/1.3 LB/None/Wet/UPSNDA

FEBRUARY 2016

Form 3003

12/9/2024

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Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 580-145968-1

Login Number: 145968
List Number: 1
Creator: Groves, Elizabeth

List Source: Eurofins Seattle

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Breeyn Greer
Haley & Aldrich, Inc.
505 W Riverside Ave
Suite 450
Spokane, Washington 99201

Generated 12/9/2024 7:23:44 PM

JOB DESCRIPTION

CVSD Gun Club

JOB NUMBER

580-146015-1

Eurofins Seattle
5755 8th Street East
Tacoma WA 98424

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

Authorization



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Authorized for release by
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Job Narrative
580-146015-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/20/2024 10:05 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.6°C.

ISM Processing
All samples were processed via ISM prior to extraction and analysis. 8270E SIM was processed via ISM as received and Method 6010D was processed as dried and sieved.

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

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

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

Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-146015-1

Qualifiers

GC/MS Semi VOA

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

Glossary

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

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-146015-1

Client Sample ID: C_13_3
Date Collected: 11/19/24 08:10
Date Received: 11/20/24 10:05

Lab Sample ID: 580-146015-1
Matrix: Solid
Percent Solids: 91.1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0067	0.0029	mg/Kg	☼	12/02/24 16:31	12/04/24 22:04	1
2-Methylnaphthalene	ND		0.0073	0.0036	mg/Kg	☼	12/02/24 16:31	12/04/24 22:04	1
Benzo[a]anthracene	**0.025**		0.0067	0.0027	mg/Kg	☼	12/02/24 16:31	12/04/24 22:04	1
Benzo[a]pyrene	**0.040**		0.0067	0.0023	mg/Kg	☼	12/02/24 16:31	12/04/24 22:04	1
Benzo[b]fluoranthene	**0.038**		0.0061	0.0014	mg/Kg	☼	12/02/24 16:31	12/04/24 22:04	1
Benzo[k]fluoranthene	**0.017**		0.0067	0.0021	mg/Kg	☼	12/02/24 16:31	12/04/24 22:04	1
Chrysene	**0.032**		0.0061	0.0018	mg/Kg	☼	12/02/24 16:31	12/04/24 22:04	1
Dibenz(a,h)anthracene	ND		0.0067	0.00088	mg/Kg	☼	12/02/24 16:31	12/04/24 22:04	1
Indeno[1,2,3-cd]pyrene	ND		0.0067	0.0027	mg/Kg	☼	12/02/24 16:31	12/04/24 22:04	1
Naphthalene	ND		0.0061	0.0020	mg/Kg	☼	12/02/24 16:31	12/04/24 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*103*		*57 - 145*	*12/02/24 16:31*	*12/04/24 22:04*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**10**		5.7	0.47	mg/Kg		12/04/24 13:16	12/06/24 16:20	4
Lead	**110**		2.8	0.42	mg/Kg		12/04/24 13:16	12/06/24 16:20	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	**1.0**				NONE			12/03/24 08:18	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**91.1**		0.1	0.1	%			11/27/24 10:15	1
Percent Moisture (SM22 2540G)	**8.9**		0.1	0.1	%			11/27/24 10:15	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-146015-1

Client Sample ID: C_14_3
Date Collected: 11/19/24 08:55
Date Received: 11/20/24 10:05

Lab Sample ID: 580-146015-2
Matrix: Solid
Percent Solids: 91.1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0057	0.0025	mg/Kg	☼	12/02/24 16:31	12/04/24 22:24	1
2-Methylnaphthalene	ND		0.0063	0.0031	mg/Kg	☼	12/02/24 16:31	12/04/24 22:24	1
Benzo[a]anthracene	**0.0096**		0.0057	0.0023	mg/Kg	☼	12/02/24 16:31	12/04/24 22:24	1
Benzo[a]pyrene	**0.015**		0.0057	0.0020	mg/Kg	☼	12/02/24 16:31	12/04/24 22:24	1
Benzo[b]fluoranthene	**0.015**		0.0052	0.0012	mg/Kg	☼	12/02/24 16:31	12/04/24 22:24	1
Benzo[k]fluoranthene	**0.0061**		0.0057	0.0018	mg/Kg	☼	12/02/24 16:31	12/04/24 22:24	1
Chrysene	**0.013**		0.0052	0.0016	mg/Kg	☼	12/02/24 16:31	12/04/24 22:24	1
Dibenz(a,h)anthracene	ND		0.0057	0.00075	mg/Kg	☼	12/02/24 16:31	12/04/24 22:24	1
Indeno[1,2,3-cd]pyrene	ND		0.0057	0.0023	mg/Kg	☼	12/02/24 16:31	12/04/24 22:24	1
Naphthalene	ND		0.0052	0.0017	mg/Kg	☼	12/02/24 16:31	12/04/24 22:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*102*		*57 - 145*	*12/02/24 16:31*	*12/04/24 22:24*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.2**		5.5	0.45	mg/Kg		12/04/24 13:16	12/06/24 15:06	4
Lead	**62**		2.7	0.40	mg/Kg		12/04/24 13:16	12/06/24 15:06	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	**1.0**				NONE			12/03/24 08:18	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**91.1**		0.1	0.1	%			11/27/24 10:15	1
Percent Moisture (SM22 2540G)	**8.9**		0.1	0.1	%			11/27/24 10:15	1

Client Sample ID: CP_16_1

Date Collected: 11/19/24 09:45
Date Received: 11/20/24 10:05

Lab Sample ID: 580-146015-3

Matrix: Solid
Percent Solids: 85.8

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0065	0.0028	mg/Kg	☼	12/02/24 16:31	12/04/24 22:45	1
2-Methylnaphthalene	ND		0.0071	0.0035	mg/Kg	☼	12/02/24 16:31	12/04/24 22:45	1
Benzo[a]anthracene	**0.17**		0.0065	0.0026	mg/Kg	☼	12/02/24 16:31	12/04/24 22:45	1
Benzo[a]pyrene	**0.37**		0.0065	0.0023	mg/Kg	☼	12/02/24 16:31	12/04/24 22:45	1
Benzo[b]fluoranthene	**0.32**		0.0059	0.0014	mg/Kg	☼	12/02/24 16:31	12/04/24 22:45	1
Benzo[k]fluoranthene	**0.14**		0.0065	0.0021	mg/Kg	☼	12/02/24 16:31	12/04/24 22:45	1
Chrysene	**0.21**		0.0059	0.0018	mg/Kg	☼	12/02/24 16:31	12/04/24 22:45	1
Dibenz(a,h)anthracene	ND		0.0065	0.00085	mg/Kg	☼	12/02/24 16:31	12/04/24 22:45	1
Indeno[1,2,3-cd]pyrene	**0.20**		0.0065	0.0026	mg/Kg	☼	12/02/24 16:31	12/04/24 22:45	1
Naphthalene	ND		0.0059	0.0019	mg/Kg	☼	12/02/24 16:31	12/04/24 22:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*106*		*57 - 145*	*12/02/24 16:31*	*12/04/24 22:45*	*1*

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	**1.0**				NONE			12/03/24 08:18	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**85.8**		0.1	0.1	%			11/27/24 10:15	1
Percent Moisture (SM22 2540G)	**14.2**		0.1	0.1	%			11/27/24 10:15	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-146015-1

Client Sample ID: C_32_2
Date Collected: 11/19/24 10:55
Date Received: 11/20/24 10:05

Lab Sample ID: 580-146015-4
Matrix: Solid
Percent Solids: 89.5

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.0063		0.0060	0.0026	mg/Kg	☼	12/02/24 16:31	12/04/24 23:05	1
2-Methylnaphthalene	0.0094		0.0065	0.0032	mg/Kg	☼	12/02/24 16:31	12/04/24 23:05	1
Benzo[a]anthracene	0.91		0.0060	0.0024	mg/Kg	☼	12/02/24 16:31	12/04/24 23:05	1
Benzo[a]pyrene	1.5		0.0060	0.0021	mg/Kg	☼	12/02/24 16:31	12/04/24 23:05	1
Benzo[b]fluoranthene	1.4		0.0055	0.0013	mg/Kg	☼	12/02/24 16:31	12/04/24 23:05	1
Benzo[k]fluoranthene	0.53		0.0060	0.0019	mg/Kg	☼	12/02/24 16:31	12/04/24 23:05	1
Chrysene	1.2		0.0055	0.0016	mg/Kg	☼	12/02/24 16:31	12/04/24 23:05	1
Dibenz(a,h)anthracene	ND		0.0060	0.00079	mg/Kg	☼	12/02/24 16:31	12/04/24 23:05	1
Indeno[1,2,3-cd]pyrene	0.73		0.0060	0.0024	mg/Kg	☼	12/02/24 16:31	12/04/24 23:05	1
Naphthalene	0.0072		0.0055	0.0018	mg/Kg	☼	12/02/24 16:31	12/04/24 23:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*104*		*57 - 145*	*12/02/24 16:31*	*12/04/24 23:05*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11		5.5	0.46	mg/Kg		12/04/24 13:16	12/06/24 15:10	4
Lead	270		2.8	0.41	mg/Kg		12/04/24 13:16	12/06/24 15:10	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	1.0				NONE			12/03/24 08:18	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	89.5		0.1	0.1	%			11/27/24 10:15	1
Percent Moisture (SM22 2540G)	10.5		0.1	0.1	%			11/27/24 10:15	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-146015-1

Client Sample ID: C_21_2
Date Collected: 11/19/24 11:30
Date Received: 11/20/24 10:05

Lab Sample ID: 580-146015-5
Matrix: Solid
Percent Solids: 89.7

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0066	0.0029	mg/Kg	☼	12/02/24 16:31	12/04/24 23:26	1
2-Methylnaphthalene	ND		0.0072	0.0036	mg/Kg	☼	12/02/24 16:31	12/04/24 23:26	1
Benzo[a]anthracene	**0.13**		0.0066	0.0027	mg/Kg	☼	12/02/24 16:31	12/04/24 23:26	1
Benzo[a]pyrene	**0.23**		0.0066	0.0023	mg/Kg	☼	12/02/24 16:31	12/04/24 23:26	1
Benzo[b]fluoranthene	**0.23**		0.0060	0.0014	mg/Kg	☼	12/02/24 16:31	12/04/24 23:26	1
Benzo[k]fluoranthene	**0.086**		0.0066	0.0021	mg/Kg	☼	12/02/24 16:31	12/04/24 23:26	1
Chrysene	**0.16**		0.0060	0.0018	mg/Kg	☼	12/02/24 16:31	12/04/24 23:26	1
Dibenz(a,h)anthracene	ND		0.0066	0.00087	mg/Kg	☼	12/02/24 16:31	12/04/24 23:26	1
Indeno[1,2,3-cd]pyrene	**0.11**		0.0066	0.0026	mg/Kg	☼	12/02/24 16:31	12/04/24 23:26	1
Naphthalene	ND		0.0060	0.0020	mg/Kg	☼	12/02/24 16:31	12/04/24 23:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*103*		*57 - 145*	*12/02/24 16:31*	*12/04/24 23:26*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**10**		5.6	0.47	mg/Kg		12/04/24 13:16	12/06/24 15:13	4
Lead	**74**		2.8	0.42	mg/Kg		12/04/24 13:16	12/06/24 15:13	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	**1.0**				NONE			12/03/24 08:18	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**89.7**		0.1	0.1	%			11/27/24 10:15	1
Percent Moisture (SM22 2540G)	**10.3**		0.1	0.1	%			11/27/24 10:15	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-146015-1

Client Sample ID: C_24_2
Date Collected: 11/19/24 12:00
Date Received: 11/20/24 10:05

Lab Sample ID: 580-146015-6
Matrix: Solid
Percent Solids: 91.0

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0061	0.0026	mg/Kg	☼	12/02/24 16:31	12/04/24 23:47	1
2-Methylnaphthalene	ND		0.0067	0.0033	mg/Kg	☼	12/02/24 16:31	12/04/24 23:47	1
Benzo[a]anthracene	**0.21**		0.0061	0.0025	mg/Kg	☼	12/02/24 16:31	12/04/24 23:47	1
Benzo[a]pyrene	**0.37**		0.0061	0.0021	mg/Kg	☼	12/02/24 16:31	12/04/24 23:47	1
Benzo[b]fluoranthene	**0.37**		0.0056	0.0013	mg/Kg	☼	12/02/24 16:31	12/04/24 23:47	1
Benzo[k]fluoranthene	**0.16**		0.0061	0.0019	mg/Kg	☼	12/02/24 16:31	12/04/24 23:47	1
Chrysene	**0.27**		0.0056	0.0017	mg/Kg	☼	12/02/24 16:31	12/04/24 23:47	1
Dibenz(a,h)anthracene	ND		0.0061	0.00080	mg/Kg	☼	12/02/24 16:31	12/04/24 23:47	1
Indeno[1,2,3-cd]pyrene	**0.20**		0.0061	0.0024	mg/Kg	☼	12/02/24 16:31	12/04/24 23:47	1
Naphthalene	ND		0.0056	0.0018	mg/Kg	☼	12/02/24 16:31	12/04/24 23:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*103*		*57 - 145*	*12/02/24 16:31*	*12/04/24 23:47*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		5.7	0.47	mg/Kg		12/04/24 13:16	12/06/24 15:17	4
Lead	**130**		2.9	0.42	mg/Kg		12/04/24 13:16	12/06/24 15:17	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	**1.0**				NONE			12/03/24 08:18	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**91.0**		0.1	0.1	%			11/27/24 10:15	1
Percent Moisture (SM22 2540G)	**9.0**		0.1	0.1	%			11/27/24 10:15	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-146015-1

Client Sample ID: C_20_2
Date Collected: 11/19/24 12:25
Date Received: 11/20/24 10:05

Lab Sample ID: 580-146015-7
Matrix: Solid
Percent Solids: 90.1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0060	0.0026	mg/Kg	☼	12/02/24 16:31	12/05/24 00:07	1
2-Methylnaphthalene	**0.0033**	**J**	0.0065	0.0032	mg/Kg	☼	12/02/24 16:31	12/05/24 00:07	1
Benzo[a]anthracene	**0.17**		0.0060	0.0024	mg/Kg	☼	12/02/24 16:31	12/05/24 00:07	1
Benzo[a]pyrene	**0.30**		0.0060	0.0021	mg/Kg	☼	12/02/24 16:31	12/05/24 00:07	1
Benzo[b]fluoranthene	**0.28**		0.0054	0.0013	mg/Kg	☼	12/02/24 16:31	12/05/24 00:07	1
Benzo[k]fluoranthene	**0.12**		0.0060	0.0019	mg/Kg	☼	12/02/24 16:31	12/05/24 00:07	1
Chrysene	**0.22**		0.0054	0.0016	mg/Kg	☼	12/02/24 16:31	12/05/24 00:07	1
Dibenz(a,h)anthracene	ND		0.0060	0.00078	mg/Kg	☼	12/02/24 16:31	12/05/24 00:07	1
Indeno[1,2,3-cd]pyrene	**0.15**		0.0060	0.0024	mg/Kg	☼	12/02/24 16:31	12/05/24 00:07	1
Naphthalene	ND		0.0054	0.0018	mg/Kg	☼	12/02/24 16:31	12/05/24 00:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*104*		*57 - 145*	*12/02/24 16:31*	*12/05/24 00:07*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14**		5.8	0.48	mg/Kg		12/04/24 13:16	12/06/24 15:20	4
Lead	**390**		2.9	0.43	mg/Kg		12/04/24 13:16	12/06/24 15:20	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	**1.0**				NONE			12/03/24 08:18	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**90.1**		0.1	0.1	%			11/27/24 10:15	1
Percent Moisture (SM22 2540G)	**9.9**		0.1	0.1	%			11/27/24 10:15	1

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

Lab Sample ID: MB 580-479323/1-A
Matrix: Solid
Analysis Batch: 479563

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 479323

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0055	0.0024	mg/Kg		12/02/24 16:31	12/04/24 17:56	1
2-Methylnaphthalene	ND		0.0060	0.0030	mg/Kg		12/02/24 16:31	12/04/24 17:56	1
Benzo[a]anthracene	ND		0.0055	0.0022	mg/Kg		12/02/24 16:31	12/04/24 17:56	1
Benzo[a]pyrene	ND		0.0055	0.0019	mg/Kg		12/02/24 16:31	12/04/24 17:56	1
Benzo[b]fluoranthene	ND		0.0050	0.0012	mg/Kg		12/02/24 16:31	12/04/24 17:56	1
Benzo[k]fluoranthene	ND		0.0055	0.0017	mg/Kg		12/02/24 16:31	12/04/24 17:56	1
Chrysene	ND		0.0050	0.0015	mg/Kg		12/02/24 16:31	12/04/24 17:56	1
Dibenz(a,h)anthracene	ND		0.0055	0.00072	mg/Kg		12/02/24 16:31	12/04/24 17:56	1
Indeno[1,2,3-cd]pyrene	ND		0.0055	0.0022	mg/Kg		12/02/24 16:31	12/04/24 17:56	1
Naphthalene	ND		0.0050	0.0016	mg/Kg		12/02/24 16:31	12/04/24 17:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*102*		*57 - 145*	*12/02/24 16:31*	*12/04/24 17:56*	*1*

Lab Sample ID: LCS 580-479323/2-A
Matrix: Solid
Analysis Batch: 479563

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 479323

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene			2.00	1.86		mg/Kg		93	64 - 120		
2-Methylnaphthalene			2.00	2.04		mg/Kg		102	64 - 120		
Benzo[a]anthracene			2.00	2.03		mg/Kg		101	66 - 127		
Benzo[a]pyrene			2.00	2.21		mg/Kg		110	66 - 124		
Benzo[b]fluoranthene			2.00	2.02		mg/Kg		101	54 - 122		
Benzo[k]fluoranthene			2.00	2.10		mg/Kg		105	51 - 131		
Chrysene			2.00	1.91		mg/Kg		96	57 - 128		
Dibenz(a,h)anthracene			2.00	2.09		mg/Kg		104	64 - 133		
Indeno[1,2,3-cd]pyrene			2.00	2.09		mg/Kg		105	63 - 132		
Naphthalene			2.00	1.84		mg/Kg		92	65 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14	*103*		*57 - 145*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 350-3690/22-A
Matrix: Solid
Analysis Batch: 3747

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3690

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.12	mg/Kg		12/04/24 13:16	12/06/24 14:27	1
Lead	ND		0.75	0.11	mg/Kg		12/04/24 13:16	12/06/24 14:27	1

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

Lab Sample ID: LCS 350-3690/23-A
Matrix: Solid
Analysis Batch: 3747

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3690

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			25.0	23.6		mg/Kg		94	80 - 120		
Lead			25.0	24.2		mg/Kg		97	80 - 120		

Method: 2540G - SM 2540G

Lab Sample ID: 580-146015-7 DU
Matrix: Solid
Analysis Batch: 479108

Client Sample ID: C_20_2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	90.1			90.6		%				0.6	20
Percent Moisture	9.9			9.4		%				5	20

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-146015-1

Client Sample ID: C_13_3
Date Collected: 11/19/24 08:10
Date Received: 11/20/24 10:05

Lab Sample ID: 580-146015-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			479347	MJ	EET SSM	12/03/24 08:18
Total/NA	Prep	3050B			3690	J1H	EET SSM	12/04/24 13:16
Total/NA	Analysis	6010D		4	3767	JLS	EET SSM	12/06/24 16:20
Total/NA	ISM Prep	Increment, prep			479019	MJ	EET SEA	11/26/24 12:48
Total/NA	Analysis	2540G		1	479108	B1M	EET SEA	11/27/24 10:15
Total/NA	Analysis	Increment, prep		1	479347	MJ	EET SEA	12/03/24 08:18

Client Sample ID: C_13_3
Date Collected: 11/19/24 08:10
Date Received: 11/20/24 10:05

Lab Sample ID: 580-146015-1
Matrix: Solid
Percent Solids: 91.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			479019	MJ	EET SEA	11/26/24 12:48
Total/NA	Prep	3546			479323	ER	EET SEA	12/02/24 16:31
Total/NA	Analysis	8270E SIM		1	479563	CB	EET SEA	12/04/24 22:04

Client Sample ID: C_14_3
Date Collected: 11/19/24 08:55
Date Received: 11/20/24 10:05

Lab Sample ID: 580-146015-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			479347	MJ	EET SSM	12/03/24 08:18
Total/NA	Prep	3050B			3690	J1H	EET SSM	12/04/24 13:16
Total/NA	Analysis	6010D		4	3747	JLS	EET SSM	12/06/24 15:06
Total/NA	ISM Prep	Increment, prep			479019	MJ	EET SEA	11/26/24 12:48
Total/NA	Analysis	2540G		1	479108	B1M	EET SEA	11/27/24 10:15
Total/NA	Analysis	Increment, prep		1	479347	MJ	EET SEA	12/03/24 08:18

Client Sample ID: C_14_3
Date Collected: 11/19/24 08:55
Date Received: 11/20/24 10:05

Lab Sample ID: 580-146015-2
Matrix: Solid
Percent Solids: 91.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			479019	MJ	EET SEA	11/26/24 12:48
Total/NA	Prep	3546			479323	ER	EET SEA	12/02/24 16:31
Total/NA	Analysis	8270E SIM		1	479563	CB	EET SEA	12/04/24 22:24

Client Sample ID: CP_16_1
Date Collected: 11/19/24 09:45
Date Received: 11/20/24 10:05

Lab Sample ID: 580-146015-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			479019	MJ	EET SEA	11/26/24 12:48
Total/NA	Analysis	2540G		1	479108	B1M	EET SEA	11/27/24 10:15
Total/NA	Analysis	Increment, prep		1	479347	MJ	EET SEA	12/03/24 08:18

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-146015-1

Client Sample ID: CP_16_1
Date Collected: 11/19/24 09:45
Date Received: 11/20/24 10:05

Lab Sample ID: 580-146015-3
Matrix: Solid
Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			479019	MJ	EET SEA	11/26/24 12:48
Total/NA	Prep	3546			479323	ER	EET SEA	12/02/24 16:31
Total/NA	Analysis	8270E SIM		1	479563	CB	EET SEA	12/04/24 22:45

Client Sample ID: C_32_2
Date Collected: 11/19/24 10:55
Date Received: 11/20/24 10:05

Lab Sample ID: 580-146015-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			479347	MJ	EET SSM	12/03/24 08:18
Total/NA	Prep	3050B			3690	J1H	EET SSM	12/04/24 13:16
Total/NA	Analysis	6010D		4	3747	JLS	EET SSM	12/06/24 15:10
Total/NA	ISM Prep	Increment, prep			479019	MJ	EET SEA	11/26/24 12:48
Total/NA	Analysis	2540G		1	479108	B1M	EET SEA	11/27/24 10:15
Total/NA	Analysis	Increment, prep		1	479347	MJ	EET SEA	12/03/24 08:18

Client Sample ID: C_32_2
Date Collected: 11/19/24 10:55
Date Received: 11/20/24 10:05

Lab Sample ID: 580-146015-4
Matrix: Solid
Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			479019	MJ	EET SEA	11/26/24 12:48
Total/NA	Prep	3546			479323	ER	EET SEA	12/02/24 16:31
Total/NA	Analysis	8270E SIM		1	479563	CB	EET SEA	12/04/24 23:05

Client Sample ID: C_21_2
Date Collected: 11/19/24 11:30
Date Received: 11/20/24 10:05

Lab Sample ID: 580-146015-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			479347	MJ	EET SSM	12/03/24 08:18
Total/NA	Prep	3050B			3690	J1H	EET SSM	12/04/24 13:16
Total/NA	Analysis	6010D		4	3747	JLS	EET SSM	12/06/24 15:13
Total/NA	ISM Prep	Increment, prep			479019	MJ	EET SEA	11/26/24 12:48
Total/NA	Analysis	2540G		1	479108	B1M	EET SEA	11/27/24 10:15
Total/NA	Analysis	Increment, prep		1	479347	MJ	EET SEA	12/03/24 08:18

Client Sample ID: C_21_2
Date Collected: 11/19/24 11:30
Date Received: 11/20/24 10:05

Lab Sample ID: 580-146015-5
Matrix: Solid
Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			479019	MJ	EET SEA	11/26/24 12:48
Total/NA	Prep	3546			479323	ER	EET SEA	12/02/24 16:31
Total/NA	Analysis	8270E SIM		1	479563	CB	EET SEA	12/04/24 23:26

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-146015-1

Client Sample ID: C_24_2
Date Collected: 11/19/24 12:00
Date Received: 11/20/24 10:05

Lab Sample ID: 580-146015-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			479347	MJ	EET SSM	12/03/24 08:18
Total/NA	Prep	3050B			3690	J1H	EET SSM	12/04/24 13:16
Total/NA	Analysis	6010D		4	3747	JLS	EET SSM	12/06/24 15:17
Total/NA	ISM Prep	Increment, prep			479019	MJ	EET SEA	11/26/24 12:48
Total/NA	Analysis	2540G		1	479108	B1M	EET SEA	11/27/24 10:15
Total/NA	Analysis	Increment, prep		1	479347	MJ	EET SEA	12/03/24 08:18

Client Sample ID: C_24_2
Date Collected: 11/19/24 12:00
Date Received: 11/20/24 10:05

Lab Sample ID: 580-146015-6
Matrix: Solid
Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			479019	MJ	EET SEA	11/26/24 12:48
Total/NA	Prep	3546			479323	ER	EET SEA	12/02/24 16:31
Total/NA	Analysis	8270E SIM		1	479563	CB	EET SEA	12/04/24 23:47

Client Sample ID: C_20_2
Date Collected: 11/19/24 12:25
Date Received: 11/20/24 10:05

Lab Sample ID: 580-146015-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			479347	MJ	EET SSM	12/03/24 08:18
Total/NA	Prep	3050B			3690	J1H	EET SSM	12/04/24 13:16
Total/NA	Analysis	6010D		4	3747	JLS	EET SSM	12/06/24 15:20
Total/NA	ISM Prep	Increment, prep			479019	MJ	EET SEA	11/26/24 12:48
Total/NA	Analysis	2540G		1	479108	B1M	EET SEA	11/27/24 10:15
Total/NA	Analysis	Increment, prep		1	479347	MJ	EET SEA	12/03/24 08:18

Client Sample ID: C_20_2
Date Collected: 11/19/24 12:25
Date Received: 11/20/24 10:05

Lab Sample ID: 580-146015-7
Matrix: Solid
Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			479019	MJ	EET SEA	11/26/24 12:48
Total/NA	Prep	3546			479323	ER	EET SEA	12/02/24 16:31
Total/NA	Analysis	8270E SIM		1	479563	CB	EET SEA	12/05/24 00:07

Laboratory References:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

EET SSM = Eurofins Seattle Specialty Metals, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-146015-1

Laboratory: Eurofins Seattle

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C788-24	07-13-25

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

Analysis Method	Prep Method	Matrix	Analyte
2540G		Solid	Percent Solids
Increment, prep		Solid	Incremented sample generated

Laboratory: Eurofins Seattle Specialty Metals

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-004	12-18-24
ANAB	Dept. of Defense ELAP	L2236	01-19-25
ANAB	Dept. of Energy	L2236.01	12-18-24
ANAB	ISO/IEC 17025	L2236	01-19-25
California	State	2954	07-07-25
Florida	NELAP	E87575	06-30-25
Louisiana (All)	NELAP	03073	06-30-25
New Jersey	NELAP	WA014	06-30-25
New York	NELAP	11662	04-01-25
Oregon	NELAP	4167-008	07-07-25
US Fish & Wildlife	US Federal Programs	A20571	06-30-25
Washington	State	C788-23a	07-13-25
Wisconsin	State	399133460	12-18-24

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-146015-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-146015-1	C_13_3	Solid	11/19/24 08:10	11/20/24 10:05
580-146015-2	C_14_3	Solid	11/19/24 08:55	11/20/24 10:05
580-146015-3	CP_16_1	Solid	11/19/24 09:45	11/20/24 10:05
580-146015-4	C_32_2	Solid	11/19/24 10:55	11/20/24 10:05
580-146015-5	C_21_2	Solid	11/19/24 11:30	11/20/24 10:05
580-146015-6	C_24_2	Solid	11/19/24 12:00	11/20/24 10:05
580-146015-7	C_20_2	Solid	11/19/24 12:25	11/20/24 10:05

Eurofins Environmental Testing Northwest, LLC
5755 8th Street East
Tacoma, WA 98424

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Luke Peden (LWP)	Lab PM:	Carrier Tracking No(s):	COC No:
Client Contact: Breeyn Greer	Phone: 612-232-7343	E-Mail:	State of Origin:	Page: Page 1 of 1
Company: Haley & Aldrich	PWSID:	Analysis Requested		Job #:
Address: 505 W Riverside Ave Ste 450	Due Date Requested:			Preservation Codes:
City: Spokane	TAT Requested (days): Standard			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: Washington 99201	Compliance Project: Δ Yes Δ No			
Phone: 612-232-7343	PO #: Purchase Order not required			Other:
Email:	WO #:			
Project Name: CVSD Gun Club	Project #: 0202349			
Site: 0202349	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Pb EPA 6020	As EPA 6020	cPAH Project Specific List	TSM Processing	Perform MS/MSD (Yes or No)	Special Instructions/Note:
	Preservation Code:										
C_13_3	11/19/24	08:10	C	SO:1		X	X	X	X		
C_14_3		08:55				X	X	X	X		
CP_16_1		09:45						X	X		
C_32_2		10:55				X	X	X	X		
C_21_2		11:30				X	X	X	X		
C_24_2		12:00				X	X	X	X		
C_20_2		12:25				X	X	X	X		

580-146015 Chain of Custody

Therm. ID: 11 Cor: 0.6 Unc: 1.6
Cooler Dsc: LB
Packing: none
Cust. Seal: Yes No X
Blue Ice, Wet, Dry, None
FedEx:
UPS: Next day
Lab Courr:
Other:

Possible Hazard Identification
X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if sa... longer than 1 month)
☐ Return To Client ☐ Disposal By Lab X Archive For 1 Months

Deliverable Requested: I, II, III, IV, Other (specify) EDD

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Luke Peden	11/19/24 14:45	Haley & Aldrich	Brooke Moore	11/20/24	EETN
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

12/9/2024

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 580-146015-1

Login Number: 146015
List Number: 1
Creator: Groves, Elizabeth

List Source: Eurofins Seattle

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Breeyn Greer
Haley & Aldrich, Inc.
505 W Riverside Ave
Suite 450
Spokane, Washington 99201

Generated 12/13/2024 7:29:04 PM

JOB DESCRIPTION

CVSD Gun Club

JOB NUMBER

580-145355-1

Eurofins Seattle
5755 8th Street East
Tacoma WA 98424

See page two for job notes and contact information.

my EOL

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

Authorization



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12/13/2024 7:29:04 PM

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Job Narrative
580-145355-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/30/2024 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -0.3°C.

ISM Processing
All samples were processed via ISM prior to extraction and analysis. 8270E SIM was processed via ISM as received and Method 6010D was processed as dried and sieved.

GC/MS Semi VOA
Method 8270E_SIM: The following samples were diluted to bring the concentration of target analytes within the calibration range: C_29_1 (580-145355-2), C_23_2 (580-145355-5), C_30_2 (580-145355-6) and C_40_2 (580-145355-7). Elevated reporting limits (RLs) are provided.

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

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

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

Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145355-1

Qualifiers

GC/MS Semi VOA

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

Glossary

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

Client Sample ID: C_19_1

Date Collected: 10/28/24 15:50
Date Received: 10/30/24 10:30

Lab Sample ID: 580-145355-1

Matrix: Solid
Percent Solids: 96.0

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0055	0.0024	mg/Kg	☼	11/08/24 16:32	11/11/24 19:47	1
2-Methylnaphthalene	ND		0.0060	0.0030	mg/Kg	☼	11/08/24 16:32	11/11/24 19:47	1
Benzo[a]anthracene	**0.012**		0.0055	0.0022	mg/Kg	☼	11/08/24 16:32	11/11/24 19:47	1
Benzo[a]pyrene	**0.019**		0.0055	0.0019	mg/Kg	☼	11/08/24 16:32	11/11/24 19:47	1
Benzo[b]fluoranthene	**0.019**		0.0050	0.0012	mg/Kg	☼	11/08/24 16:32	11/11/24 19:47	1
Benzo[k]fluoranthene	**0.0088**		0.0055	0.0017	mg/Kg	☼	11/08/24 16:32	11/11/24 19:47	1
Chrysene	**0.016**		0.0050	0.0015	mg/Kg	☼	11/08/24 16:32	11/11/24 19:47	1
Dibenz(a,h)anthracene	ND		0.0055	0.00072	mg/Kg	☼	11/08/24 16:32	11/11/24 19:47	1
Indeno[1,2,3-cd]pyrene	**0.0090**		0.0055	0.0022	mg/Kg	☼	11/08/24 16:32	11/11/24 19:47	1
Naphthalene	**0.0023**	**J**	0.0050	0.0016	mg/Kg	☼	11/08/24 16:32	11/11/24 19:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*88*		*57 - 145*	*11/08/24 16:32*	*11/11/24 19:47*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		0.47	0.095	mg/Kg		12/09/24 16:05	12/13/24 12:32	20
Lead	**130**		0.47	0.10	mg/Kg		12/09/24 16:05	12/13/24 12:32	20

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	**1.0**				NONE			11/09/24 09:11	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**96.0**		0.1	0.1	%			11/12/24 13:49	1
Percent Moisture (SM22 2540G)	**4.0**		0.1	0.1	%			11/12/24 13:49	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145355-1

Client Sample ID: C_29_1
Date Collected: 10/28/24 15:30
Date Received: 10/30/24 10:30

Lab Sample ID: 580-145355-2
Matrix: Solid
Percent Solids: 96.0

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.18		0.028	0.012	mg/Kg	☼	11/08/24 16:32	11/11/24 21:01	5
2-Methylnaphthalene	0.25		0.030	0.015	mg/Kg	☼	11/08/24 16:32	11/11/24 21:01	5
Benzo[a]anthracene	18		0.028	0.011	mg/Kg	☼	11/08/24 16:32	11/11/24 21:01	5
Benzo[a]pyrene	29		0.028	0.0096	mg/Kg	☼	11/08/24 16:32	11/11/24 21:01	5
Benzo[b]fluoranthene	27		0.025	0.0058	mg/Kg	☼	11/08/24 16:32	11/11/24 21:01	5
Benzo[k]fluoranthene	10		0.028	0.0087	mg/Kg	☼	11/08/24 16:32	11/11/24 21:01	5
Chrysene	24		0.025	0.0075	mg/Kg	☼	11/08/24 16:32	11/11/24 21:01	5
Dibenz(a,h)anthracene	5.5		0.028	0.0036	mg/Kg	☼	11/08/24 16:32	11/11/24 21:01	5
Indeno[1,2,3-cd]pyrene	15		0.028	0.011	mg/Kg	☼	11/08/24 16:32	11/11/24 21:01	5
Naphthalene	0.22		0.025	0.0081	mg/Kg	☼	11/08/24 16:32	11/11/24 21:01	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*98*		*57 - 145*	*11/08/24 16:32*	*11/11/24 21:01*	*5*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	29		0.46	0.092	mg/Kg		12/09/24 16:05	12/13/24 12:36	20
Lead	2300		4.6	0.97	mg/Kg		12/09/24 16:05	12/13/24 15:09	200

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	1.0				NONE			11/09/24 09:11	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	96.0		0.1	0.1	%			11/12/24 13:49	1
Percent Moisture (SM22 2540G)	4.0		0.1	0.1	%			11/12/24 13:49	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145355-1

Client Sample ID: C_45_1
Date Collected: 10/28/24 15:10
Date Received: 10/30/24 10:30

Lab Sample ID: 580-145355-3
Matrix: Solid
Percent Solids: 96.7

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.0034	J	0.0053	0.0023	mg/Kg	☼	11/08/24 16:32	11/11/24 21:25	1
2-Methylnaphthalene	0.0059		0.0058	0.0028	mg/Kg	☼	11/08/24 16:32	11/11/24 21:25	1
Benzo[a]anthracene	0.59		0.0053	0.0022	mg/Kg	☼	11/08/24 16:32	11/11/24 21:25	1
Benzo[a]pyrene	0.99		0.0053	0.0019	mg/Kg	☼	11/08/24 16:32	11/11/24 21:25	1
Benzo[b]fluoranthene	1.0		0.0048	0.0011	mg/Kg	☼	11/08/24 16:32	11/11/24 21:25	1
Benzo[k]fluoranthene	0.32		0.0053	0.0017	mg/Kg	☼	11/08/24 16:32	11/11/24 21:25	1
Chrysene	0.79		0.0048	0.0014	mg/Kg	☼	11/08/24 16:32	11/11/24 21:25	1
Dibenz(a,h)anthracene	0.19		0.0053	0.00070	mg/Kg	☼	11/08/24 16:32	11/11/24 21:25	1
Indeno[1,2,3-cd]pyrene	0.57		0.0053	0.0021	mg/Kg	☼	11/08/24 16:32	11/11/24 21:25	1
Naphthalene	0.0048		0.0048	0.0016	mg/Kg	☼	11/08/24 16:32	11/11/24 21:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*104*		*57 - 145*	*11/08/24 16:32*	*11/11/24 21:25*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20		0.46	0.092	mg/Kg		12/09/24 16:05	12/13/24 12:39	20
Lead	1200		2.3	0.49	mg/Kg		12/09/24 16:05	12/13/24 15:16	100

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	1.0				NONE			11/09/24 09:11	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	96.7		0.1	0.1	%			11/12/24 13:49	1
Percent Moisture (SM22 2540G)	3.3		0.1	0.1	%			11/12/24 13:49	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145355-1

Client Sample ID: C_17_2
Date Collected: 10/29/24 08:40
Date Received: 10/30/24 10:30

Lab Sample ID: 580-145355-4
Matrix: Solid
Percent Solids: 95.7

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0057	0.0025	mg/Kg	☼	11/08/24 16:32	11/11/24 21:50	1
2-Methylnaphthalene	**0.0031**	**J**	0.0062	0.0030	mg/Kg	☼	11/08/24 16:32	11/11/24 21:50	1
Benzo[a]anthracene	**0.27**		0.0057	0.0023	mg/Kg	☼	11/08/24 16:32	11/11/24 21:50	1
Benzo[a]pyrene	**0.49**		0.0057	0.0020	mg/Kg	☼	11/08/24 16:32	11/11/24 21:50	1
Benzo[b]fluoranthene	**0.49**		0.0052	0.0012	mg/Kg	☼	11/08/24 16:32	11/11/24 21:50	1
Benzo[k]fluoranthene	**0.14**		0.0057	0.0018	mg/Kg	☼	11/08/24 16:32	11/11/24 21:50	1
Chrysene	**0.36**		0.0052	0.0015	mg/Kg	☼	11/08/24 16:32	11/11/24 21:50	1
Dibenz(a,h)anthracene	**0.097**		0.0057	0.00074	mg/Kg	☼	11/08/24 16:32	11/11/24 21:50	1
Indeno[1,2,3-cd]pyrene	**0.28**		0.0057	0.0023	mg/Kg	☼	11/08/24 16:32	11/11/24 21:50	1
Naphthalene	**0.0034**	**J**	0.0052	0.0017	mg/Kg	☼	11/08/24 16:32	11/11/24 21:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*96*		*57 - 145*	*11/08/24 16:32*	*11/11/24 21:50*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		0.48	0.096	mg/Kg		12/09/24 16:05	12/13/24 12:43	20
Lead	**390**		0.48	0.10	mg/Kg		12/09/24 16:05	12/13/24 12:43	20

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	**1.0**				NONE			11/09/24 09:11	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**95.7**		0.1	0.1	%			11/12/24 13:49	1
Percent Moisture (SM22 2540G)	**4.3**		0.1	0.1	%			11/12/24 13:49	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145355-1

Client Sample ID: C_23_2
Date Collected: 10/29/24 09:00
Date Received: 10/30/24 10:30

Lab Sample ID: 580-145355-5
Matrix: Solid
Percent Solids: 96.0

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.050		0.028	0.012	mg/Kg	☼	11/08/24 16:32	11/11/24 22:14	5
2-Methylnaphthalene	0.087		0.030	0.015	mg/Kg	☼	11/08/24 16:32	11/11/24 22:14	5
Benzo[a]anthracene	7.9		0.028	0.011	mg/Kg	☼	11/08/24 16:32	11/11/24 22:14	5
Benzo[a]pyrene	14		0.028	0.0097	mg/Kg	☼	11/08/24 16:32	11/11/24 22:14	5
Benzo[b]fluoranthene	13		0.025	0.0059	mg/Kg	☼	11/08/24 16:32	11/11/24 22:14	5
Benzo[k]fluoranthene	4.5		0.028	0.0088	mg/Kg	☼	11/08/24 16:32	11/11/24 22:14	5
Chrysene	10		0.025	0.0076	mg/Kg	☼	11/08/24 16:32	11/11/24 22:14	5
Dibenz(a,h)anthracene	2.7		0.028	0.0036	mg/Kg	☼	11/08/24 16:32	11/11/24 22:14	5
Indeno[1,2,3-cd]pyrene	7.7		0.028	0.011	mg/Kg	☼	11/08/24 16:32	11/11/24 22:14	5
Naphthalene	0.10		0.025	0.0082	mg/Kg	☼	11/08/24 16:32	11/11/24 22:14	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*94*		*57 - 145*	*11/08/24 16:32*	*11/11/24 22:14*	*5*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	24		0.46	0.092	mg/Kg		12/09/24 16:05	12/13/24 12:46	20
Lead	2000		4.6	0.97	mg/Kg		12/09/24 16:05	12/13/24 15:20	200

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	1.0				NONE			11/09/24 09:11	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	96.0		0.1	0.1	%			11/12/24 13:49	1
Percent Moisture (SM22 2540G)	4.0		0.1	0.1	%			11/12/24 13:49	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145355-1

Client Sample ID: C_30_2
Date Collected: 10/29/24 09:10
Date Received: 10/30/24 10:30

Lab Sample ID: 580-145355-6
Matrix: Solid
Percent Solids: 93.2

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.046		0.029	0.013	mg/Kg	☼	11/08/24 16:32	11/11/24 22:39	5
2-Methylnaphthalene	0.080		0.032	0.016	mg/Kg	☼	11/08/24 16:32	11/11/24 22:39	5
Benzo[a]anthracene	8.3		0.029	0.012	mg/Kg	☼	11/08/24 16:32	11/11/24 22:39	5
Benzo[a]pyrene	13		0.029	0.010	mg/Kg	☼	11/08/24 16:32	11/11/24 22:39	5
Benzo[b]fluoranthene	13		0.026	0.0061	mg/Kg	☼	11/08/24 16:32	11/11/24 22:39	5
Benzo[k]fluoranthene	4.7		0.029	0.0091	mg/Kg	☼	11/08/24 16:32	11/11/24 22:39	5
Chrysene	9.6		0.026	0.0079	mg/Kg	☼	11/08/24 16:32	11/11/24 22:39	5
Dibenz(a,h)anthracene	2.4		0.029	0.0038	mg/Kg	☼	11/08/24 16:32	11/11/24 22:39	5
Indeno[1,2,3-cd]pyrene	7.1		0.029	0.012	mg/Kg	☼	11/08/24 16:32	11/11/24 22:39	5
Naphthalene	0.095		0.026	0.0085	mg/Kg	☼	11/08/24 16:32	11/11/24 22:39	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*101*		*57 - 145*	*11/08/24 16:32*	*11/11/24 22:39*	*5*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	22		0.48	0.096	mg/Kg		12/09/24 16:05	12/13/24 12:50	20
Lead	1500		2.4	0.51	mg/Kg		12/09/24 16:05	12/13/24 15:23	100

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	1.0				NONE			11/09/24 09:11	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	93.2		0.1	0.1	%			11/12/24 13:49	1
Percent Moisture (SM22 2540G)	6.8		0.1	0.1	%			11/12/24 13:49	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145355-1

Client Sample ID: C_40_2
Date Collected: 10/29/24 09:30
Date Received: 10/30/24 10:30

Lab Sample ID: 580-145355-7
Matrix: Solid
Percent Solids: 96.4

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.027	0.012	mg/Kg	☼	11/08/24 16:32	11/11/24 23:03	5
2-Methylnaphthalene	**0.015**	**J**	0.030	0.015	mg/Kg	☼	11/08/24 16:32	11/11/24 23:03	5
Benzo[a]anthracene	**1.8**		0.027	0.011	mg/Kg	☼	11/08/24 16:32	11/11/24 23:03	5
Benzo[a]pyrene	**4.0**		0.027	0.0094	mg/Kg	☼	11/08/24 16:32	11/11/24 23:03	5
Benzo[b]fluoranthene	**2.6**		0.025	0.0057	mg/Kg	☼	11/08/24 16:32	11/11/24 23:03	5
Benzo[k]fluoranthene	**0.76**		0.027	0.0086	mg/Kg	☼	11/08/24 16:32	11/11/24 23:03	5
Chrysene	**2.8**		0.025	0.0074	mg/Kg	☼	11/08/24 16:32	11/11/24 23:03	5
Dibenz(a,h)anthracene	**0.88**		0.027	0.0035	mg/Kg	☼	11/08/24 16:32	11/11/24 23:03	5
Indeno[1,2,3-cd]pyrene	**1.8**		0.027	0.011	mg/Kg	☼	11/08/24 16:32	11/11/24 23:03	5
Naphthalene	**0.012**	**J**	0.025	0.0080	mg/Kg	☼	11/08/24 16:32	11/11/24 23:03	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*99*		*57 - 145*	*11/08/24 16:32*	*11/11/24 23:03*	*5*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		0.49	0.098	mg/Kg		12/09/24 16:05	12/13/24 12:53	20
Lead	**410**		0.49	0.10	mg/Kg		12/09/24 16:05	12/13/24 12:53	20

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	**1.0**				NONE			11/09/24 09:11	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**96.4**		0.1	0.1	%			11/12/24 13:49	1
Percent Moisture (SM22 2540G)	**3.6**		0.1	0.1	%			11/12/24 13:49	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145355-1

Client Sample ID: C_41_2
Date Collected: 10/29/24 09:50
Date Received: 10/30/24 10:30

Lab Sample ID: 580-145355-8
Matrix: Solid
Percent Solids: 96.6

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.043		0.0056	0.0024	mg/Kg	☼	11/08/24 16:32	11/11/24 23:28	1
2-Methylnaphthalene	0.11		0.0061	0.0030	mg/Kg	☼	11/08/24 16:32	11/11/24 23:28	1
Benzo[a]anthracene	0.38		0.0056	0.0023	mg/Kg	☼	11/08/24 16:32	11/11/24 23:28	1
Benzo[a]pyrene	0.64		0.0056	0.0019	mg/Kg	☼	11/08/24 16:32	11/11/24 23:28	1
Benzo[b]fluoranthene	0.66		0.0051	0.0012	mg/Kg	☼	11/08/24 16:32	11/11/24 23:28	1
Benzo[k]fluoranthene	0.22		0.0056	0.0018	mg/Kg	☼	11/08/24 16:32	11/11/24 23:28	1
Chrysene	0.48		0.0051	0.0015	mg/Kg	☼	11/08/24 16:32	11/11/24 23:28	1
Dibenz(a,h)anthracene	0.12		0.0056	0.00073	mg/Kg	☼	11/08/24 16:32	11/11/24 23:28	1
Indeno[1,2,3-cd]pyrene	0.37		0.0056	0.0022	mg/Kg	☼	11/08/24 16:32	11/11/24 23:28	1
Naphthalene	0.17		0.0051	0.0016	mg/Kg	☼	11/08/24 16:32	11/11/24 23:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*102*		*57 - 145*	*11/08/24 16:32*	*11/11/24 23:28*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11		0.48	0.097	mg/Kg		12/09/24 16:05	12/13/24 13:02	20
Lead	220		0.48	0.10	mg/Kg		12/09/24 16:05	12/13/24 13:02	20

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	1.0				NONE			11/09/24 09:11	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	96.6		0.1	0.1	%			11/12/24 13:49	1
Percent Moisture (SM22 2540G)	3.4		0.1	0.1	%			11/12/24 13:49	1

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

Lab Sample ID: MB 580-477398/1-A
Matrix: Solid
Analysis Batch: 477585

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 477398

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0055	0.0024	mg/Kg		11/08/24 16:32	11/11/24 18:58	1
2-Methylnaphthalene	ND		0.0060	0.0030	mg/Kg		11/08/24 16:32	11/11/24 18:58	1
Benzo[a]anthracene	ND		0.0055	0.0022	mg/Kg		11/08/24 16:32	11/11/24 18:58	1
Benzo[a]pyrene	ND		0.0055	0.0019	mg/Kg		11/08/24 16:32	11/11/24 18:58	1
Benzo[b]fluoranthene	ND		0.0050	0.0012	mg/Kg		11/08/24 16:32	11/11/24 18:58	1
Benzo[k]fluoranthene	ND		0.0055	0.0017	mg/Kg		11/08/24 16:32	11/11/24 18:58	1
Chrysene	ND		0.0050	0.0015	mg/Kg		11/08/24 16:32	11/11/24 18:58	1
Dibenz(a,h)anthracene	ND		0.0055	0.00072	mg/Kg		11/08/24 16:32	11/11/24 18:58	1
Indeno[1,2,3-cd]pyrene	ND		0.0055	0.0022	mg/Kg		11/08/24 16:32	11/11/24 18:58	1
Naphthalene	ND		0.0050	0.0016	mg/Kg		11/08/24 16:32	11/11/24 18:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*87*		*57 - 145*	*11/08/24 16:32*	*11/11/24 18:58*	*1*

Lab Sample ID: LCS 580-477398/2-A
Matrix: Solid
Analysis Batch: 477585

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 477398

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	2.00	1.83		mg/Kg		91	64 - 120
2-Methylnaphthalene	2.00	1.82		mg/Kg		91	64 - 120
Benzo[a]anthracene	2.00	1.72		mg/Kg		86	66 - 127
Benzo[a]pyrene	2.00	1.98		mg/Kg		99	66 - 124
Benzo[b]fluoranthene	2.00	1.89		mg/Kg		95	54 - 122
Benzo[k]fluoranthene	2.00	2.01		mg/Kg		100	51 - 131
Chrysene	2.00	1.76		mg/Kg		88	57 - 128
Dibenz(a,h)anthracene	2.00	2.07		mg/Kg		103	64 - 133
Indeno[1,2,3-cd]pyrene	2.00	2.06		mg/Kg		103	63 - 132
Naphthalene	2.00	1.71		mg/Kg		85	65 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14	*93*		*57 - 145*

Lab Sample ID: 580-145355-1 MS
Matrix: Solid
Analysis Batch: 477585

Client Sample ID: C_19_1
Prep Type: Total/NA
Prep Batch: 477398

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	ND		1.98	1.79		mg/Kg	☼	90	64 - 120
2-Methylnaphthalene	ND		1.98	1.79		mg/Kg	☼	90	64 - 120
Benzo[a]anthracene	0.012		1.98	1.71		mg/Kg	☼	86	66 - 127
Benzo[a]pyrene	0.019		1.98	1.90		mg/Kg	☼	95	66 - 124
Benzo[b]fluoranthene	0.019		1.98	1.82		mg/Kg	☼	91	54 - 122
Benzo[k]fluoranthene	0.0088		1.98	1.83		mg/Kg	☼	92	51 - 131
Chrysene	0.016		1.98	1.71		mg/Kg	☼	86	57 - 128
Dibenz(a,h)anthracene	ND		1.98	1.93		mg/Kg	☼	97	64 - 133
Indeno[1,2,3-cd]pyrene	0.0090		1.98	1.93		mg/Kg	☼	97	63 - 132
Naphthalene	0.0023	J	1.98	1.67		mg/Kg	☼	84	65 - 120

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

Surrogate	MS %Recovery	MS Qualifier	Limits
Terphenyl-d14	91		57 - 145

Lab Sample ID: 580-145355-1 MSD — **Client Sample ID: C_19_1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 477585 — **Prep Batch: 477398**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	ND		2.03	1.93		mg/Kg	☼	95	64 - 120	8	20
2-Methylnaphthalene	ND		2.03	1.94		mg/Kg	☼	95	64 - 120	8	20
Benzo[a]anthracene	0.012		2.03	1.82		mg/Kg	☼	89	66 - 127	6	20
Benzo[a]pyrene	0.019		2.03	2.03		mg/Kg	☼	99	66 - 124	7	40
Benzo[b]fluoranthene	0.019		2.03	1.96		mg/Kg	☼	95	54 - 122	7	20
Benzo[k]fluoranthene	0.0088		2.03	1.94		mg/Kg	☼	95	51 - 131	6	20
Chrysene	0.016		2.03	1.81		mg/Kg	☼	88	57 - 128	6	20
Dibenz(a,h)anthracene	ND		2.03	2.13		mg/Kg	☼	105	64 - 133	10	20
Indeno[1,2,3-cd]pyrene	0.0090		2.03	2.15		mg/Kg	☼	105	63 - 132	10	20
Naphthalene	0.0023	J	2.03	1.79		mg/Kg	☼	88	65 - 120	7	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Terphenyl-d14	96		57 - 145

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 350-3776/23-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 3890 — **Prep Batch: 3776**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.50	0.10	mg/Kg		12/09/24 16:50	12/13/24 11:42	20
Lead	ND		0.50	0.11	mg/Kg		12/09/24 16:50	12/13/24 11:42	20

Lab Sample ID: LCS 350-3776/24-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 3890 — **Prep Batch: 3776**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	25.0	20.4		mg/Kg		82	80 - 120
Lead	25.0	21.2		mg/Kg		85	80 - 120

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145355-1

Client Sample ID: C_19_1
Date Collected: 10/28/24 15:50
Date Received: 10/30/24 10:30

Lab Sample ID: 580-145355-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			3776	J1H	EET SSM	12/09/24 16:05
Total/NA	Analysis	6020B		20	3890	CW	EET SSM	12/13/24 12:32
Total/NA	ISM Prep	Increment, prep			477340	MJ	EET SEA	11/08/24 11:48
Total/NA	Analysis	2540G		1	477688	SCS	EET SEA	11/12/24 13:49
Total/NA	Analysis	Increment, prep		1	477429	TOA	EET SEA	11/09/24 09:11

Client Sample ID: C_19_1
Date Collected: 10/28/24 15:50
Date Received: 10/30/24 10:30

Lab Sample ID: 580-145355-1
Matrix: Solid
Percent Solids: 96.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477340	MJ	EET SEA	11/08/24 11:48
Total/NA	Prep	3546			477398	KI	EET SEA	11/08/24 16:32
Total/NA	Analysis	8270E SIM		1	477585	T1L	EET SEA	11/11/24 19:47

Client Sample ID: C_29_1
Date Collected: 10/28/24 15:30
Date Received: 10/30/24 10:30

Lab Sample ID: 580-145355-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			3776	J1H	EET SSM	12/09/24 16:05
Total/NA	Analysis	6020B		20	3890	CW	EET SSM	12/13/24 12:36
Total/NA	Prep	3050B			3776	J1H	EET SSM	12/09/24 16:05
Total/NA	Analysis	6020B		200	3890	CW	EET SSM	12/13/24 15:09
Total/NA	ISM Prep	Increment, prep			477340	MJ	EET SEA	11/08/24 11:48
Total/NA	Analysis	2540G		1	477688	SCS	EET SEA	11/12/24 13:49
Total/NA	Analysis	Increment, prep		1	477429	TOA	EET SEA	11/09/24 09:11

Client Sample ID: C_29_1
Date Collected: 10/28/24 15:30
Date Received: 10/30/24 10:30

Lab Sample ID: 580-145355-2
Matrix: Solid
Percent Solids: 96.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477340	MJ	EET SEA	11/08/24 11:48
Total/NA	Prep	3546			477398	KI	EET SEA	11/08/24 16:32
Total/NA	Analysis	8270E SIM		5	477585	T1L	EET SEA	11/11/24 21:01

Client Sample ID: C_45_1
Date Collected: 10/28/24 15:10
Date Received: 10/30/24 10:30

Lab Sample ID: 580-145355-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			3776	J1H	EET SSM	12/09/24 16:05
Total/NA	Analysis	6020B		20	3890	CW	EET SSM	12/13/24 12:39
Total/NA	Prep	3050B			3776	J1H	EET SSM	12/09/24 16:05
Total/NA	Analysis	6020B		100	3890	CW	EET SSM	12/13/24 15:16

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145355-1

Client Sample ID: C_45_1
Date Collected: 10/28/24 15:10
Date Received: 10/30/24 10:30

Lab Sample ID: 580-145355-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477340	MJ	EET SEA	11/08/24 11:48
Total/NA	Analysis	2540G		1	477688	SCS	EET SEA	11/12/24 13:49
Total/NA	Analysis	Increment, prep		1	477429	TOA	EET SEA	11/09/24 09:11

Client Sample ID: C_45_1
Date Collected: 10/28/24 15:10
Date Received: 10/30/24 10:30

Lab Sample ID: 580-145355-3
Matrix: Solid
Percent Solids: 96.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477340	MJ	EET SEA	11/08/24 11:48
Total/NA	Prep	3546			477398	KI	EET SEA	11/08/24 16:32
Total/NA	Analysis	8270E SIM		1	477585	T1L	EET SEA	11/11/24 21:25

Client Sample ID: C_17_2
Date Collected: 10/29/24 08:40
Date Received: 10/30/24 10:30

Lab Sample ID: 580-145355-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			3776	J1H	EET SSM	12/09/24 16:05
Total/NA	Analysis	6020B		20	3890	CW	EET SSM	12/13/24 12:43
Total/NA	ISM Prep	Increment, prep			477340	MJ	EET SEA	11/08/24 11:48
Total/NA	Analysis	2540G		1	477688	SCS	EET SEA	11/12/24 13:49
Total/NA	Analysis	Increment, prep		1	477429	TOA	EET SEA	11/09/24 09:11

Client Sample ID: C_17_2
Date Collected: 10/29/24 08:40
Date Received: 10/30/24 10:30

Lab Sample ID: 580-145355-4
Matrix: Solid
Percent Solids: 95.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477340	MJ	EET SEA	11/08/24 11:48
Total/NA	Prep	3546			477398	KI	EET SEA	11/08/24 16:32
Total/NA	Analysis	8270E SIM		1	477585	T1L	EET SEA	11/11/24 21:50

Client Sample ID: C_23_2
Date Collected: 10/29/24 09:00
Date Received: 10/30/24 10:30

Lab Sample ID: 580-145355-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			3776	J1H	EET SSM	12/09/24 16:05
Total/NA	Analysis	6020B		20	3890	CW	EET SSM	12/13/24 12:46
Total/NA	Prep	3050B			3776	J1H	EET SSM	12/09/24 16:05
Total/NA	Analysis	6020B		200	3890	CW	EET SSM	12/13/24 15:20
Total/NA	ISM Prep	Increment, prep			477340	MJ	EET SEA	11/08/24 11:48
Total/NA	Analysis	2540G		1	477688	SCS	EET SEA	11/12/24 13:49
Total/NA	Analysis	Increment, prep		1	477429	TOA	EET SEA	11/09/24 09:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145355-1

Client Sample ID: C_23_2
Date Collected: 10/29/24 09:00
Date Received: 10/30/24 10:30

Lab Sample ID: 580-145355-5
Matrix: Solid
Percent Solids: 96.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477340	MJ	EET SEA	11/08/24 11:48
Total/NA	Prep	3546			477398	KI	EET SEA	11/08/24 16:32
Total/NA	Analysis	8270E SIM		5	477585	T1L	EET SEA	11/11/24 22:14

Client Sample ID: C_30_2
Date Collected: 10/29/24 09:10
Date Received: 10/30/24 10:30

Lab Sample ID: 580-145355-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			3776	J1H	EET SSM	12/09/24 16:05
Total/NA	Analysis	6020B		20	3890	CW	EET SSM	12/13/24 12:50
Total/NA	Prep	3050B			3776	J1H	EET SSM	12/09/24 16:05
Total/NA	Analysis	6020B		100	3890	CW	EET SSM	12/13/24 15:23
Total/NA	ISM Prep	Increment, prep			477340	MJ	EET SEA	11/08/24 11:48
Total/NA	Analysis	2540G		1	477688	SCS	EET SEA	11/12/24 13:49
Total/NA	Analysis	Increment, prep		1	477429	TOA	EET SEA	11/09/24 09:11

Client Sample ID: C_30_2
Date Collected: 10/29/24 09:10
Date Received: 10/30/24 10:30

Lab Sample ID: 580-145355-6
Matrix: Solid
Percent Solids: 93.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477340	MJ	EET SEA	11/08/24 11:48
Total/NA	Prep	3546			477398	KI	EET SEA	11/08/24 16:32
Total/NA	Analysis	8270E SIM		5	477585	T1L	EET SEA	11/11/24 22:39

Client Sample ID: C_40_2
Date Collected: 10/29/24 09:30
Date Received: 10/30/24 10:30

Lab Sample ID: 580-145355-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			3776	J1H	EET SSM	12/09/24 16:05
Total/NA	Analysis	6020B		20	3890	CW	EET SSM	12/13/24 12:53
Total/NA	ISM Prep	Increment, prep			477340	MJ	EET SEA	11/08/24 11:48
Total/NA	Analysis	2540G		1	477688	SCS	EET SEA	11/12/24 13:49
Total/NA	Analysis	Increment, prep		1	477429	TOA	EET SEA	11/09/24 09:11

Client Sample ID: C_40_2
Date Collected: 10/29/24 09:30
Date Received: 10/30/24 10:30

Lab Sample ID: 580-145355-7
Matrix: Solid
Percent Solids: 96.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477340	MJ	EET SEA	11/08/24 11:48
Total/NA	Prep	3546			477398	KI	EET SEA	11/08/24 16:32
Total/NA	Analysis	8270E SIM		5	477585	T1L	EET SEA	11/11/24 23:03

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145355-1

Client Sample ID: C_41_2

Lab Sample ID: 580-145355-8
Date Collected: 10/29/24 09:50
Matrix: Solid
Date Received: 10/30/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			3776	J1H	EET SSM	12/09/24 16:05
Total/NA	Analysis	6020B		20	3890	CW	EET SSM	12/13/24 13:02
Total/NA	ISM Prep	Increment, prep			477340	MJ	EET SEA	11/08/24 11:48
Total/NA	Analysis	2540G		1	477688	SCS	EET SEA	11/12/24 13:49
Total/NA	Analysis	Increment, prep		1	477429	TOA	EET SEA	11/09/24 09:11

Client Sample ID: C_41_2

Lab Sample ID: 580-145355-8
Date Collected: 10/29/24 09:50
Matrix: Solid
Date Received: 10/30/24 10:30
Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			477340	MJ	EET SEA	11/08/24 11:48
Total/NA	Prep	3546			477398	KI	EET SEA	11/08/24 16:32
Total/NA	Analysis	8270E SIM		1	477585	T1L	EET SEA	11/11/24 23:28

Laboratory References:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

EET SSM = Eurofins Seattle Specialty Metals, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145355-1

Laboratory: Eurofins Seattle

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C788-24	07-13-25

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

Analysis Method	Prep Method	Matrix	Analyte
2540G		Solid	Percent Solids
Increment, prep		Solid	Incremented sample generated

Laboratory: Eurofins Seattle Specialty Metals

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-004	12-18-24
ANAB	Dept. of Defense ELAP	L2236	01-19-25
ANAB	Dept. of Energy	L2236.01	12-18-24
ANAB	ISO/IEC 17025	L2236	01-19-25
California	State	2954	07-07-25
Florida	NELAP	E87575	06-30-25
Louisiana (All)	NELAP	03073	06-30-25
New Jersey	NELAP	WA014	06-30-25
New York	NELAP	11662	04-01-25
Oregon	NELAP	4167-008	07-07-25
US Fish & Wildlife	US Federal Programs	A20571	06-30-25
Washington	State	C788-23a	07-13-25
Wisconsin	State	399133460	12-18-24

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145355-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-145355-1	C_19_1	Solid	10/28/24 15:50	10/30/24 10:30
580-145355-2	C_29_1	Solid	10/28/24 15:30	10/30/24 10:30
580-145355-3	C_45_1	Solid	10/28/24 15:10	10/30/24 10:30
580-145355-4	C_17_2	Solid	10/29/24 08:40	10/30/24 10:30
580-145355-5	C_23_2	Solid	10/29/24 09:00	10/30/24 10:30
580-145355-6	C_30_2	Solid	10/29/24 09:10	10/30/24 10:30
580-145355-7	C_40_2	Solid	10/29/24 09:30	10/30/24 10:30
580-145355-8	C_41_2	Solid	10/29/24 09:50	10/30/24 10:30

Eurofins Environmental Testing Northwest, LLC
5755 8th Street East
Tacoma, WA 98424

Chain of Custody Record

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Client Information	Sampler: BMG	Lab PM:	Carrier Tracking No(s):	COC No:
Client Contact: Breeyn Greer	Phone: 612 232 7343	E-Mail:	State of Origin:	Page: Page 1 of 1
Company: HAley & Aldrich	PWSID:			Job #:

Address: 505 W Riverside Ave Ste 505	Due Date Requested: 11/13/24	Analysis Requested
City: Spokane	TAT Requested (days): Standard 10-day	
State, Zip: WA 99201	Compliance Project: Δ Yes Δ No	
Phone: 612 232 7343	PO #: Purchase Order not required	
Email: bgreer@haleyaldrich.com	WO #:	
Project Name: CUSD Gun Club	Project #: 0202349	
Site: 0202349	SSOW#:	

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Pb, As by EPA 6010	cPAHs Project Specific List	ISM Processing	Total Number of containers	Special Instructions/Note:
	Preservation Code:									
C-19_1	10/28/24	1550	C	Soil		X	X	X		
C-29-1	10/28/24	1530	C			X	X	X		
C-45-1	10/28/24	1510	C			X	X	X		
C-17-2	10/29/24	0840	C			X	X	X		
C-23-2	10/29/24	0900				X	X	X		
C-30-2	10/29/24	0910				X	X	X		
C-40-2	10/29/24	0930				X	X	X		
C-41-2	10/29/24	0950				X	X	X		

580-145355 Chain of Custody

Therm. ID: 14 Cor: -0.3° Unc: 0.5°
Cooler Dsc: LB
Packing: none
Cust. Seal: Yes X No
Blue Ice, Wet, Dry, None
FedEx:
UPS: next day
Lab Courr:
Other:

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☒ Archive For 1 Months

Deliverable Requested: I, II, III, IV, Other (specify) EDD

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Breeyn Greer	10/29/24 1415	HA	Brook Moore	10/30/24 1030	EETN
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

12/13/2024

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 580-145355-1

Login Number: 145355
List Number: 1
Creator: Moore, Brook 1

List Source: Eurofins Seattle

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Breeyn Greer
Haley & Aldrich, Inc.
505 W Riverside Ave
Suite 450
Spokane, Washington 99201

Generated 12/13/2024 7:32:18 PM

JOB DESCRIPTION

CVSD Gun Club/0202349

JOB NUMBER

580-145772-1

Eurofins Seattle
5755 8th Street East
Tacoma WA 98424

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

Authorization

Tracy Dutton

Generated
12/13/2024 7:32:18 PM

Authorized for release by
Tracy Dutton, Client Relations Manager
Tracy.Dutton@et.eurofinsus.com
(253)248-4970

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Job Narrative
580-145772-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/13/2024 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.5°C.

ISM Processing
All samples were processed via ISM prior to extraction and analysis. 8270E SIM was processed via ISM as received and Method 6010D was processed as dried and sieved.

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

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

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

Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club/0202349

Job ID: 580-145772-1

Qualifiers

GC/MS Semi VOA

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

Glossary

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

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club/0202349

Job ID: 580-145772-1

Client Sample ID: CP_126_1
Date Collected: 11/11/24 08:15
Date Received: 11/13/24 10:00

Lab Sample ID: 580-145772-1
Matrix: Solid
Percent Solids: 84.4

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.13		0.030	0.013	mg/Kg	☼	11/20/24 20:52	11/23/24 22:32	5
2-Methylnaphthalene	0.18		0.032	0.016	mg/Kg	☼	11/20/24 20:52	11/23/24 22:32	5
Benzo[a]anthracene	14		0.030	0.012	mg/Kg	☼	11/20/24 20:52	11/23/24 22:32	5
Benzo[a]pyrene	22		0.030	0.010	mg/Kg	☼	11/20/24 20:52	11/23/24 22:32	5
Benzo[b]fluoranthene	21		0.027	0.0063	mg/Kg	☼	11/20/24 20:52	11/23/24 22:32	5
Benzo[k]fluoranthene	10		0.030	0.0094	mg/Kg	☼	11/20/24 20:52	11/23/24 22:32	5
Chrysene	18		0.027	0.0081	mg/Kg	☼	11/20/24 20:52	11/23/24 22:32	5
Dibenz(a,h)anthracene	ND		0.030	0.0039	mg/Kg	☼	11/20/24 20:52	11/23/24 22:32	5
Indeno[1,2,3-cd]pyrene	12		0.030	0.012	mg/Kg	☼	11/20/24 20:52	11/23/24 22:32	5
Naphthalene	0.21		0.027	0.0087	mg/Kg	☼	11/20/24 20:52	11/23/24 22:32	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*107*		*57 - 145*	*11/20/24 20:52*	*11/23/24 22:32*	*5*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	84.4		0.1	0.1	%			11/22/24 12:56	1
Percent Moisture (SM22 2540G)	15.6		0.1	0.1	%			11/22/24 12:56	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club/0202349

Job ID: 580-145772-1

Client Sample ID: CP_142_1
Date Collected: 11/11/24 09:30
Date Received: 11/13/24 10:00

Lab Sample ID: 580-145772-2
Matrix: Solid
Percent Solids: 87.4

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.011		0.0057	0.0025	mg/Kg	☼	11/20/24 20:52	11/23/24 22:56	1
2-Methylnaphthalene	0.017		0.0062	0.0031	mg/Kg	☼	11/20/24 20:52	11/23/24 22:56	1
Benzo[a]anthracene	0.82		0.0057	0.0023	mg/Kg	☼	11/20/24 20:52	11/23/24 22:56	1
Benzo[a]pyrene	1.5		0.0057	0.0020	mg/Kg	☼	11/20/24 20:52	11/23/24 22:56	1
Benzo[b]fluoranthene	1.4		0.0052	0.0012	mg/Kg	☼	11/20/24 20:52	11/23/24 22:56	1
Benzo[k]fluoranthene	0.57		0.0057	0.0018	mg/Kg	☼	11/20/24 20:52	11/23/24 22:56	1
Chrysene	1.1		0.0052	0.0016	mg/Kg	☼	11/20/24 20:52	11/23/24 22:56	1
Dibenz(a,h)anthracene	ND		0.0057	0.00075	mg/Kg	☼	11/20/24 20:52	11/23/24 22:56	1
Indeno[1,2,3-cd]pyrene	0.82		0.0057	0.0023	mg/Kg	☼	11/20/24 20:52	11/23/24 22:56	1
Naphthalene	0.021		0.0052	0.0017	mg/Kg	☼	11/20/24 20:52	11/23/24 22:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*110*		*57 - 145*	*11/20/24 20:52*	*11/23/24 22:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	87.4		0.1	0.1	%			11/22/24 12:56	1
Percent Moisture (SM22 2540G)	12.6		0.1	0.1	%			11/22/24 12:56	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club/0202349

Job ID: 580-145772-1

Client Sample ID: CP_146_1
Date Collected: 11/11/24 09:45
Date Received: 11/13/24 10:00

Lab Sample ID: 580-145772-3
Matrix: Solid
Percent Solids: 88.4

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.0058	J	0.0060	0.0026	mg/Kg	☼	11/20/24 20:52	11/23/24 23:20	1
2-Methylnaphthalene	0.011		0.0066	0.0032	mg/Kg	☼	11/20/24 20:52	11/23/24 23:20	1
Benzo[a]anthracene	0.35		0.0060	0.0025	mg/Kg	☼	11/20/24 20:52	11/23/24 23:20	1
Benzo[a]pyrene	0.77		0.0060	0.0021	mg/Kg	☼	11/20/24 20:52	11/23/24 23:20	1
Benzo[b]fluoranthene	0.69		0.0055	0.0013	mg/Kg	☼	11/20/24 20:52	11/23/24 23:20	1
Benzo[k]fluoranthene	0.27		0.0060	0.0019	mg/Kg	☼	11/20/24 20:52	11/23/24 23:20	1
Chrysene	0.45		0.0055	0.0016	mg/Kg	☼	11/20/24 20:52	11/23/24 23:20	1
Dibenz(a,h)anthracene	ND		0.0060	0.00079	mg/Kg	☼	11/20/24 20:52	11/23/24 23:20	1
Indeno[1,2,3-cd]pyrene	0.43		0.0060	0.0024	mg/Kg	☼	11/20/24 20:52	11/23/24 23:20	1
Naphthalene	0.015		0.0055	0.0018	mg/Kg	☼	11/20/24 20:52	11/23/24 23:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*112*		*57 - 145*	*11/20/24 20:52*	*11/23/24 23:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	88.4		0.1	0.1	%			11/22/24 12:56	1
Percent Moisture (SM22 2540G)	11.6		0.1	0.1	%			11/22/24 12:56	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club/0202349

Job ID: 580-145772-1

Client Sample ID: C_114_2

Date Collected: 11/11/24 08:00
Date Received: 11/13/24 10:00

Lab Sample ID: 580-145772-4

Matrix: Solid
Percent Solids: 84.5

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.10		0.031	0.013	mg/Kg	☼	11/20/24 20:52	11/23/24 23:44	5
2-Methylnaphthalene	0.16		0.034	0.017	mg/Kg	☼	11/20/24 20:52	11/23/24 23:44	5
Benzo[a]anthracene	11		0.031	0.013	mg/Kg	☼	11/20/24 20:52	11/23/24 23:44	5
Benzo[a]pyrene	19		0.031	0.011	mg/Kg	☼	11/20/24 20:52	11/23/24 23:44	5
Benzo[b]fluoranthene	17		0.028	0.0065	mg/Kg	☼	11/20/24 20:52	11/23/24 23:44	5
Benzo[k]fluoranthene	8.2		0.031	0.0098	mg/Kg	☼	11/20/24 20:52	11/23/24 23:44	5
Chrysene	14		0.028	0.0085	mg/Kg	☼	11/20/24 20:52	11/23/24 23:44	5
Dibenz(a,h)anthracene	ND		0.031	0.0041	mg/Kg	☼	11/20/24 20:52	11/23/24 23:44	5
Indeno[1,2,3-cd]pyrene	9.6		0.031	0.012	mg/Kg	☼	11/20/24 20:52	11/23/24 23:44	5
Naphthalene	0.19		0.028	0.0091	mg/Kg	☼	11/20/24 20:52	11/23/24 23:44	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*107*		*57 - 145*	*11/20/24 20:52*	*11/23/24 23:44*	*5*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	14		0.46	0.092	mg/Kg		12/09/24 16:05	12/13/24 13:05	20
Lead	950		1.2	0.24	mg/Kg		12/09/24 16:05	12/13/24 15:27	50

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	1.0				NONE			12/09/24 12:57	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	84.5		0.1	0.1	%			11/22/24 12:56	1
Percent Moisture (SM22 2540G)	15.5		0.1	0.1	%			11/22/24 12:56	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club/0202349

Job ID: 580-145772-1

Client Sample ID: C_138_1

Date Collected: 11/11/24 08:30
Date Received: 11/13/24 10:00

Lab Sample ID: 580-145772-5

Matrix: Solid
Percent Solids: 85.7

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.033		0.0063	0.0027	mg/Kg	☼	11/20/24 20:52	11/24/24 00:08	1
2-Methylnaphthalene	0.050		0.0068	0.0034	mg/Kg	☼	11/20/24 20:52	11/24/24 00:08	1
Benzo[a]anthracene	3.3		0.0063	0.0025	mg/Kg	☼	11/20/24 20:52	11/24/24 00:08	1
Benzo[a]pyrene	6.0		0.0063	0.0022	mg/Kg	☼	11/20/24 20:52	11/24/24 00:08	1
Benzo[b]fluoranthene	5.9		0.0057	0.0013	mg/Kg	☼	11/20/24 20:52	11/24/24 00:08	1
Benzo[k]fluoranthene	2.2		0.0063	0.0020	mg/Kg	☼	11/20/24 20:52	11/24/24 00:08	1
Chrysene	4.2		0.0057	0.0017	mg/Kg	☼	11/20/24 20:52	11/24/24 00:08	1
Dibenz(a,h)anthracene	ND		0.0063	0.00082	mg/Kg	☼	11/20/24 20:52	11/24/24 00:08	1
Indeno[1,2,3-cd]pyrene	3.0		0.0063	0.0025	mg/Kg	☼	11/20/24 20:52	11/24/24 00:08	1
Naphthalene	0.063		0.0057	0.0018	mg/Kg	☼	11/20/24 20:52	11/24/24 00:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*111*		*57 - 145*	*11/20/24 20:52*	*11/24/24 00:08*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13		0.48	0.096	mg/Kg		12/09/24 16:05	12/13/24 13:09	20
Lead	520		0.48	0.10	mg/Kg		12/09/24 16:05	12/13/24 13:09	20

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	1.0				NONE			12/09/24 12:57	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	85.7		0.1	0.1	%			11/22/24 12:56	1
Percent Moisture (SM22 2540G)	14.3		0.1	0.1	%			11/22/24 12:56	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club/0202349

Job ID: 580-145772-1

Client Sample ID: C_143_2

Date Collected: 11/11/24 08:45
Date Received: 11/13/24 10:00

Lab Sample ID: 580-145772-6

Matrix: Solid
Percent Solids: 89.6

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.0081		0.0057	0.0025	mg/Kg	☼	11/20/24 20:52	11/24/24 00:32	1
2-Methylnaphthalene	0.012		0.0062	0.0031	mg/Kg	☼	11/20/24 20:52	11/24/24 00:32	1
Benzo[a]anthracene	0.63		0.0057	0.0023	mg/Kg	☼	11/20/24 20:52	11/24/24 00:32	1
Benzo[a]pyrene	1.1		0.0057	0.0020	mg/Kg	☼	11/20/24 20:52	11/24/24 00:32	1
Benzo[b]fluoranthene	1.1		0.0052	0.0012	mg/Kg	☼	11/20/24 20:52	11/24/24 00:32	1
Benzo[k]fluoranthene	0.45		0.0057	0.0018	mg/Kg	☼	11/20/24 20:52	11/24/24 00:32	1
Chrysene	0.91		0.0052	0.0016	mg/Kg	☼	11/20/24 20:52	11/24/24 00:32	1
Dibenz(a,h)anthracene	ND		0.0057	0.00075	mg/Kg	☼	11/20/24 20:52	11/24/24 00:32	1
Indeno[1,2,3-cd]pyrene	0.59		0.0057	0.0023	mg/Kg	☼	11/20/24 20:52	11/24/24 00:32	1
Naphthalene	0.013		0.0052	0.0017	mg/Kg	☼	11/20/24 20:52	11/24/24 00:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*107*		*57 - 145*	*11/20/24 20:52*	*11/24/24 00:32*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.6		0.46	0.093	mg/Kg		12/09/24 16:05	12/13/24 13:12	20
Lead	51		0.46	0.098	mg/Kg		12/09/24 16:05	12/13/24 13:12	20

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	1.0				NONE			12/09/24 12:57	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	89.6		0.1	0.1	%			11/22/24 12:56	1
Percent Moisture (SM22 2540G)	10.4		0.1	0.1	%			11/22/24 12:56	1

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

Lab Sample ID: MB 580-478502/1-A
Matrix: Solid
Analysis Batch: 478732

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 478502

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0055	0.0024	mg/Kg		11/20/24 20:52	11/22/24 17:02	1
2-Methylnaphthalene	ND		0.0060	0.0030	mg/Kg		11/20/24 20:52	11/22/24 17:02	1
Benzo[a]anthracene	ND		0.0055	0.0022	mg/Kg		11/20/24 20:52	11/22/24 17:02	1
Benzo[a]pyrene	ND		0.0055	0.0019	mg/Kg		11/20/24 20:52	11/22/24 17:02	1
Benzo[b]fluoranthene	ND		0.0050	0.0012	mg/Kg		11/20/24 20:52	11/22/24 17:02	1
Benzo[k]fluoranthene	ND		0.0055	0.0017	mg/Kg		11/20/24 20:52	11/22/24 17:02	1
Chrysene	ND		0.0050	0.0015	mg/Kg		11/20/24 20:52	11/22/24 17:02	1
Dibenz(a,h)anthracene	ND		0.0055	0.00072	mg/Kg		11/20/24 20:52	11/22/24 17:02	1
Indeno[1,2,3-cd]pyrene	ND		0.0055	0.0022	mg/Kg		11/20/24 20:52	11/22/24 17:02	1
Naphthalene	ND		0.0050	0.0016	mg/Kg		11/20/24 20:52	11/22/24 17:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*70*		*57 - 145*	*11/20/24 20:52*	*11/22/24 17:02*	*1*

Lab Sample ID: MB 580-478502/1-A
Matrix: Solid
Analysis Batch: 478799

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 478502

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0055	0.0024	mg/Kg		11/20/24 20:52	11/23/24 19:20	1
2-Methylnaphthalene	ND		0.0060	0.0030	mg/Kg		11/20/24 20:52	11/23/24 19:20	1
Benzo[a]anthracene	ND		0.0055	0.0022	mg/Kg		11/20/24 20:52	11/23/24 19:20	1
Benzo[a]pyrene	ND		0.0055	0.0019	mg/Kg		11/20/24 20:52	11/23/24 19:20	1
Benzo[b]fluoranthene	ND		0.0050	0.0012	mg/Kg		11/20/24 20:52	11/23/24 19:20	1
Benzo[k]fluoranthene	ND		0.0055	0.0017	mg/Kg		11/20/24 20:52	11/23/24 19:20	1
Chrysene	ND		0.0050	0.0015	mg/Kg		11/20/24 20:52	11/23/24 19:20	1
Dibenz(a,h)anthracene	ND		0.0055	0.00072	mg/Kg		11/20/24 20:52	11/23/24 19:20	1
Indeno[1,2,3-cd]pyrene	ND		0.0055	0.0022	mg/Kg		11/20/24 20:52	11/23/24 19:20	1
Naphthalene	ND		0.0050	0.0016	mg/Kg		11/20/24 20:52	11/23/24 19:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*110*		*57 - 145*	*11/20/24 20:52*	*11/23/24 19:20*	*1*

Lab Sample ID: LCS 580-478502/2-A
Matrix: Solid
Analysis Batch: 478732

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 478502

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	2.00	2.01		mg/Kg		100	64 - 120
2-Methylnaphthalene	2.00	1.98		mg/Kg		99	64 - 120
Benzo[a]anthracene	2.00	2.04		mg/Kg		102	66 - 127
Benzo[a]pyrene	2.00	1.86		mg/Kg		93	66 - 124
Benzo[k]fluoranthene	2.00	2.45		mg/Kg		122	51 - 131
Chrysene	2.00	1.90		mg/Kg		95	57 - 128
Dibenz(a,h)anthracene	2.00	2.08		mg/Kg		104	64 - 133
Indeno[1,2,3-cd]pyrene	2.00	2.19		mg/Kg		109	63 - 132
Naphthalene	2.00	1.93		mg/Kg		96	65 - 120

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

Lab Sample ID: LCS 580-478502/2-A
Matrix: Solid
Analysis Batch: 478732

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 478502

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Terphenyl-d14	*91*		*57 - 145*

Lab Sample ID: LCS 580-478502/2-A
Matrix: Solid
Analysis Batch: 478799

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 478502

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene			2.00	2.03		mg/Kg		101	64 - 120		
2-Methylnaphthalene			2.00	2.02		mg/Kg		101	64 - 120		
Benzo[a]anthracene			2.00	1.91		mg/Kg		96	66 - 127		
Benzo[a]pyrene			2.00	2.17		mg/Kg		109	66 - 124		
Benzo[b]fluoranthene			2.00	2.08		mg/Kg		104	54 - 122		
Benzo[k]fluoranthene			2.00	2.23		mg/Kg		111	51 - 131		
Chrysene			2.00	1.94		mg/Kg		97	57 - 128		
Dibenz(a,h)anthracene			2.00	1.69		mg/Kg		84	64 - 133		
Indeno[1,2,3-cd]pyrene			2.00	1.66		mg/Kg		83	63 - 132		
Naphthalene			2.00	1.96		mg/Kg		98	65 - 120		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Terphenyl-d14	*100*		*57 - 145*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 350-3776/23-A
Matrix: Solid
Analysis Batch: 3890

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3776

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.50	0.10	mg/Kg		12/09/24 16:50	12/13/24 11:42	20
Lead	ND		0.50	0.11	mg/Kg		12/09/24 16:50	12/13/24 11:42	20

Lab Sample ID: LCS 350-3776/24-A
Matrix: Solid
Analysis Batch: 3890

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3776

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			25.0	20.4		mg/Kg		82	80 - 120		
Lead			25.0	21.2		mg/Kg		85	80 - 120		

Method: 2540G - SM 2540G

Lab Sample ID: 580-145772-3 DU
Matrix: Solid
Analysis Batch: 478734

Client Sample ID: CP_146_1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	88.4			87.8		%				0.7	20
Percent Moisture	11.6			12.2		%				5	20

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club/0202349

Job ID: 580-145772-1

Client Sample ID: CP_126_1
Date Collected: 11/11/24 08:15
Date Received: 11/13/24 10:00

Lab Sample ID: 580-145772-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478376	MJ	EET SEA	11/20/24 10:34
Total/NA	Analysis	2540G		1	478729	NH	EET SEA	11/22/24 12:56

Client Sample ID: CP_126_1
Date Collected: 11/11/24 08:15
Date Received: 11/13/24 10:00

Lab Sample ID: 580-145772-1
Matrix: Solid
Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478376	MJ	EET SEA	11/20/24 10:34
Total/NA	Prep	3546			478502	ER	EET SEA	11/20/24 20:52
Total/NA	Analysis	8270E SIM		5	478799	VLF	EET SEA	11/23/24 22:32

Client Sample ID: CP_142_1
Date Collected: 11/11/24 09:30
Date Received: 11/13/24 10:00

Lab Sample ID: 580-145772-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478376	MJ	EET SEA	11/20/24 10:34
Total/NA	Analysis	2540G		1	478729	NH	EET SEA	11/22/24 12:56

Client Sample ID: CP_142_1
Date Collected: 11/11/24 09:30
Date Received: 11/13/24 10:00

Lab Sample ID: 580-145772-2
Matrix: Solid
Percent Solids: 87.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478376	MJ	EET SEA	11/20/24 10:34
Total/NA	Prep	3546			478502	ER	EET SEA	11/20/24 20:52
Total/NA	Analysis	8270E SIM		1	478799	VLF	EET SEA	11/23/24 22:56

Client Sample ID: CP_146_1
Date Collected: 11/11/24 09:45
Date Received: 11/13/24 10:00

Lab Sample ID: 580-145772-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478376	MJ	EET SEA	11/20/24 10:34
Total/NA	Analysis	2540G		1	478729	NH	EET SEA	11/22/24 12:56

Client Sample ID: CP_146_1
Date Collected: 11/11/24 09:45
Date Received: 11/13/24 10:00

Lab Sample ID: 580-145772-3
Matrix: Solid
Percent Solids: 88.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478376	MJ	EET SEA	11/20/24 10:34
Total/NA	Prep	3546			478502	ER	EET SEA	11/20/24 20:52
Total/NA	Analysis	8270E SIM		1	478799	VLF	EET SEA	11/23/24 23:20

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club/0202349

Job ID: 580-145772-1

Client Sample ID: C_114_2
Date Collected: 11/11/24 08:00
Date Received: 11/13/24 10:00

Lab Sample ID: 580-145772-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			3776	J1H	EET SSM	12/09/24 16:05
Total/NA	Analysis	6020B		20	3890	CW	EET SSM	12/13/24 13:05
Total/NA	Prep	3050B			3776	J1H	EET SSM	12/09/24 16:05
Total/NA	Analysis	6020B		50	3890	CW	EET SSM	12/13/24 15:27
Total/NA	ISM Prep	Increment, prep			478376	MJ	EET SEA	11/20/24 10:34
Total/NA	Analysis	2540G		1	478729	NH	EET SEA	11/22/24 12:56
Total/NA	Analysis	Increment, prep		1	479944	TOA	EET SEA	12/09/24 12:57

Client Sample ID: C_114_2
Date Collected: 11/11/24 08:00
Date Received: 11/13/24 10:00

Lab Sample ID: 580-145772-4
Matrix: Solid
Percent Solids: 84.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478376	MJ	EET SEA	11/20/24 10:34
Total/NA	Prep	3546			478502	ER	EET SEA	11/20/24 20:52
Total/NA	Analysis	8270E SIM		5	478799	VLF	EET SEA	11/23/24 23:44

Client Sample ID: C_138_1
Date Collected: 11/11/24 08:30
Date Received: 11/13/24 10:00

Lab Sample ID: 580-145772-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			3776	J1H	EET SSM	12/09/24 16:05
Total/NA	Analysis	6020B		20	3890	CW	EET SSM	12/13/24 13:09
Total/NA	ISM Prep	Increment, prep			478376	MJ	EET SEA	11/20/24 10:34
Total/NA	Analysis	2540G		1	478729	NH	EET SEA	11/22/24 12:56
Total/NA	Analysis	Increment, prep		1	479944	TOA	EET SEA	12/09/24 12:57

Client Sample ID: C_138_1
Date Collected: 11/11/24 08:30
Date Received: 11/13/24 10:00

Lab Sample ID: 580-145772-5
Matrix: Solid
Percent Solids: 85.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478376	MJ	EET SEA	11/20/24 10:34
Total/NA	Prep	3546			478502	ER	EET SEA	11/20/24 20:52
Total/NA	Analysis	8270E SIM		1	478799	VLF	EET SEA	11/24/24 00:08

Client Sample ID: C_143_2
Date Collected: 11/11/24 08:45
Date Received: 11/13/24 10:00

Lab Sample ID: 580-145772-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			3776	J1H	EET SSM	12/09/24 16:05
Total/NA	Analysis	6020B		20	3890	CW	EET SSM	12/13/24 13:12
Total/NA	ISM Prep	Increment, prep			478376	MJ	EET SEA	11/20/24 10:34
Total/NA	Analysis	2540G		1	478729	NH	EET SEA	11/22/24 12:56

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club/0202349

Job ID: 580-145772-1

Client Sample ID: C_143_2

Lab Sample ID: 580-145772-6

Date Collected: 11/11/24 08:45

Matrix: Solid

Date Received: 11/13/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep		1	479944	TOA	EET SEA	12/09/24 12:57

Client Sample ID: C_143_2

Lab Sample ID: 580-145772-6

Date Collected: 11/11/24 08:45

Matrix: Solid

Date Received: 11/13/24 10:00

Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478376	MJ	EET SEA	11/20/24 10:34
Total/NA	Prep	3546			478502	ER	EET SEA	11/20/24 20:52
Total/NA	Analysis	8270E SIM		1	478799	VLF	EET SEA	11/24/24 00:32

Laboratory References:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

EET SSM = Eurofins Seattle Specialty Metals, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club/0202349

Job ID: 580-145772-1

Laboratory: Eurofins Seattle

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C788-24	07-13-25

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

Analysis Method	Prep Method	Matrix	Analyte
2540G		Solid	Percent Solids
Increment, prep		Solid	Incremented sample generated

Laboratory: Eurofins Seattle Specialty Metals

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-004	12-18-24
ANAB	Dept. of Defense ELAP	L2236	01-19-25
ANAB	Dept. of Energy	L2236.01	12-18-24
ANAB	ISO/IEC 17025	L2236	01-19-25
California	State	2954	07-07-25
Florida	NELAP	E87575	06-30-25
Louisiana (All)	NELAP	03073	06-30-25
New Jersey	NELAP	WA014	06-30-25
New York	NELAP	11662	04-01-25
Oregon	NELAP	4167-008	07-07-25
US Fish & Wildlife	US Federal Programs	A20571	06-30-25
Washington	State	C788-23a	07-13-25
Wisconsin	State	399133460	12-18-24

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club/0202349

Job ID: 580-145772-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-145772-1	CP_126_1	Solid	11/11/24 08:15	11/13/24 10:00
580-145772-2	CP_142_1	Solid	11/11/24 09:30	11/13/24 10:00
580-145772-3	CP_146_1	Solid	11/11/24 09:45	11/13/24 10:00
580-145772-4	C_114_2	Solid	11/11/24 08:00	11/13/24 10:00
580-145772-5	C_138_1	Solid	11/11/24 08:30	11/13/24 10:00
580-145772-6	C_143_2	Solid	11/11/24 08:45	11/13/24 10:00

Eurofins Environmental Testing Northwest, LLC
5755 8th Street East
Tacoma, WA 98424

eurofins | Environment Testing

Chain of Custody Record

Client Information
Client Contact: Breeyn Greer
Company: Haley + Aldrich
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City: Spokane
State, Zip: Wa 99201
Phone: 612-232-7343
Email: bgreer@haleyaldrich.com
Project Name: CVSD Gun Club
Site: 0202349

Sampler: CAL
Phone: 612-232-7343
PWSID:
Due Date Requested:
TAT Requested (days): STD
Compliance Project: Δ Yes Δ No
PO #: Purchase Order not required
WO #:
Project #: 0202349
SSOW#:

Lab PM:
E-Mail:
Carrier Tracking No(s):
State of Origin:

COC No:
Page: Page 1 of 1
Job #:

Analysis Requested

Preservation Codes:
A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
J - DI Water
K - EDTA
L - EDA
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - pH 4-5
Z - other (specify)
Other:

Special Instructions/Note:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, AA=Air)	Preservation Code:	Field Filtered Sample (Yes or No)	CPAHs Project specific TSM processing Pb, As EPA 6010/6020	Perform MS/MSD (Yes or No)
CP_126_1	11-11-24	8:15	C	Soil			X X	
CP_142_1		9:30					X X	
CP_146_1		9:45					X X	
C_114_2		8:00					X X X	
C_138_1		8:30					X X X	
C_143_2		8:45					X X X	

580-145772 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV, Other (specify) EDD

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☑ Archive For 1 Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by: Date: Time: Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by: Cameron Lutey	11-11-24 14:45	H+A			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: IR11 0.5/0.6 CB/None/Wet/UPSNDA

Ver: 01/16/2019

12/13/2024

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 580-145772-1

Login Number: 145772
List Number: 1
Creator: Prigge, Madison

List Source: Eurofins Seattle

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

5500 4th Ave South
Seattle, WA 98108-2419
(206) 285-8282
office@friedmanandbruya.com
www.friedmanandbruya.com

December 13, 2024

Breeyn Greer, Project Manager
Haley & Aldrich, Inc
505 west Riverside Ave, Suite 450
Spokane, WA 99201

Dear Ms Greer:

Included are the results from the testing of material submitted on December 6, 2024 from the CVSD Gun Club 0202349-002, F&BI 412089 project. There are 8 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
c: Haley Aldrich Data
HNA1213R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on December 6, 2024 by Friedman & Bruya, Inc. from the Haley & Aldrich, Inc CVSD Gun Club 0202349-002, F&BI 412089 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Haley & Aldrich, Inc
412089 -01	CP_121_2
412089 -02	CP_109_2
412089 -03	CP_94_2
412089 -04	CP_111_2

All quality control requirements were acceptable.

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_121_2	Client:	Haley & Aldrich, Inc
Date Received:	12/06/24	Project:	CVSD Gun Club 0202349-002
Date Extracted:	12/12/24	Lab ID:	412089-01
Date Analyzed:	12/12/24	Data File:	121209.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	99	50	150
Benz(a)anthracene-d12	94	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.0072
2-Methylnaphthalene	0.0076
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.51
Chrysene	0.59
Benzo(a)pyrene	0.85
Benzo(b)fluoranthene	0.79
Benzo(k)fluoranthene	0.22
Indeno(1,2,3-cd)pyrene	0.63
Dibenz(a,h)anthracene	0.15

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_109_2	Client:	Haley & Aldrich, Inc
Date Received:	12/06/24	Project:	CVSD Gun Club 0202349-002
Date Extracted:	12/12/24	Lab ID:	412089-02
Date Analyzed:	12/12/24	Data File:	121210.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	99	50	150
Benz(a)anthracene-d12	96	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.0057
2-Methylnaphthalene	0.013
1-Methylnaphthalene	0.010
Benz(a)anthracene	0.78
Chrysene	0.83
Benzo(a)pyrene	0.99
Benzo(b)fluoranthene	0.90
Benzo(k)fluoranthene	0.23
Indeno(1,2,3-cd)pyrene	0.61
Dibenz(a,h)anthracene	0.17

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_94_2	Client:	Haley & Aldrich, Inc
Date Received:	12/06/24	Project:	CVSD Gun Club 0202349-002
Date Extracted:	12/12/24	Lab ID:	412089-03
Date Analyzed:	12/12/24	Data File:	121211.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	90	50	150
Benz(a)anthracene-d12	106	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.021
2-Methylnaphthalene	0.014
1-Methylnaphthalene	0.0084
Benz(a)anthracene	1.5
Chrysene	1.5
Benzo(a)pyrene	2.3
Benzo(b)fluoranthene	2.2
Benzo(k)fluoranthene	0.74
Indeno(1,2,3-cd)pyrene	1.8
Dibenz(a,h)anthracene	0.43

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_111_2	Client:	Haley & Aldrich, Inc
Date Received:	12/06/24	Project:	CVSD Gun Club 0202349-002
Date Extracted:	12/12/24	Lab ID:	412089-04
Date Analyzed:	12/12/24	Data File:	121212.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	104	50	150
Benz(a)anthracene-d12	109	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.45
Chrysene	0.55
Benzo(a)pyrene	0.67
Benzo(b)fluoranthene	0.65
Benzo(k)fluoranthene	0.19
Indeno(1,2,3-cd)pyrene	0.48
Dibenz(a,h)anthracene	0.12

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	Method Blank	Client:	Haley & Aldrich, Inc
Date Received:	Not Applicable	Project:	CVSD Gun Club 0202349-002
Date Extracted:	12/12/24	Lab ID:	04-3107 mb
Date Analyzed:	12/12/24	Data File:	121208.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	94	50	150
Benz(a)anthracene-d12	82	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	<0.005
Chrysene	<0.005
Benzo(a)pyrene	<0.005
Benzo(b)fluoranthene	<0.005
Benzo(k)fluoranthene	<0.005
Indeno(1,2,3-cd)pyrene	<0.005
Dibenz(a,h)anthracene	<0.005

Date of Report: 12/13/24
Date Received: 12/06/24
Project: CVSD Gun Club 0202349-002, F&BI 412089

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR PAHS BY EPA METHOD 8270E SIM

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.5	83	96	70-130	15
2-Methylnaphthalene	mg/kg (ppm)	0.5	77	87	70-130	12
1-Methylnaphthalene	mg/kg (ppm)	0.5	99	95	70-130	4
Benz(a)anthracene	mg/kg (ppm)	0.5	87	88	70-130	1
Chrysene	mg/kg (ppm)	0.5	95	98	70-130	3
Benzo(b)fluoranthene	mg/kg (ppm)	0.5	84	87	70-130	4
Benzo(k)fluoranthene	mg/kg (ppm)	0.5	90	91	70-130	1
Benzo(a)pyrene	mg/kg (ppm)	0.5	81	83	70-130	2
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.5	102	100	70-130	2
Dibenz(a,h)anthracene	mg/kg (ppm)	0.5	103	101	70-130	2

Data Qualifiers & Definitions

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

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

ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported between the method detection limit and the lowest calibration point. The value reported is an estimate.

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

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

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

k – The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

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

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

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

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

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

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

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

412089

SAMPLE CHAIN OF CUSTODY

12/06/24 ~~G2~~ ISM

Page # 1 of 1

Report To Breeyn Greer

Company

Address 505 West Riverside Ave. Ste 450

City, State, ZIP Spokane, WA 99201

Phone 612-232-7343 Email bgreer@haleyaldrich.com

SAMPLERS (signature) Cam Luckey

PROJECT NAME: CVSD Gun Club

PO #: 0202349-002

REMARKS: Project Specific Reporting List; 0.005 mg/Kg RL

Project Specific RLs - Yes / No

INVOICE TO: accountspayable@haleyaldrich.com

TURNAROUND TIME: ~~Standard Turnaround~~ RUSH

Rush charges authorized by:

SAMPLE DISPOSAL: Dispose after 30 days / Archive Samples / Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	TSM processing	cPAHs Project Specific List				Notes
CP_121_2	01	12-5-24	11:30	Soil	1							X	X				project specific list
CP_109_2	02	"	12:00	"	"							X	X				"
CP_94_2	03	"	12:30	"	"							X	X				"
CP_111_2	04	"	13:00	"	"							X	X				"

Samples received at 4 °C

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Cameron Luckey	Haley + Aldrich	12-5-24	14:30
Received by:	Anh Phan	FBI	12/06/24	10:30
Relinquished by:				
Received by:				

Friedman & Bruya, Inc.
5500 4th Avenue S
Seattle, WA 98108
Ph. (206) 285-8282

FORMS\COC\COC.DOC

SAMPLE CONDITION UPON RECEIPT CHECKLIST

PROJECT # 412089 CLIENT HNA INITIALS/ DATE: AP 12/06/24

If custody seals are present on cooler, are they intact? ☐ NA ☑ YES ☐ NO

Cooler/Sample temperature 4 °C
Thermometer ID: Fluke 96312917

Were samples received on ice/cold packs? ☑ YES ☐ NO

How did samples arrive?
☐ Over the Counter ☐ Picked up by F&BI ☑ FedEx/UPS/GSO

Is there a Chain-of-Custody* (COC)? ☑ YES ☐ NO Initials/ Date: AP 12/06/24
*or other representative documents, letters, and/or shipping memos

Number of days samples have been sitting prior to receipt at laboratory 1 days

Are the samples clearly identified? (explain "no" answer below) ☑ YES ☐ NO

Were all sample containers received intact (i.e. not broken, leaking etc.)? (explain "no" answer below) ☑ YES ☐ NO

Were appropriate sample containers used? ☑ YES ☐ NO ☐ Unknown

If custody seals are present on samples, are they intact? ☑ NA ☐ YES ☐ NO

Are samples requiring no headspace, headspace free? ☑ NA ☐ YES ☐ NO

Is the following information provided on the COC, and does it match the sample label?
(explain "no" answer below)

Sample ID's	☑ Yes ☐ No	☐ Not on COC/label
Date Sampled	☑ Yes ☐ No	☐ Not on COC/label
Time Sampled	☑ Yes ☐ No	☐ Not on COC/label
# of Containers	☑ Yes ☐ No	
Relinquished	☑ Yes ☐ No	
Requested analysis	☑ Yes ☐ On Hold	

Other comments (use a separate page if needed)

Air Samples: Were any additional canisters/tubes received? ☑ NA ☐ YES ☐ NO

Number of unused TO15 canisters _____ **Number of unused TO17 tubes** _____


BREEYN GREER
15099607426
HALEY AND ALDRICH, INC.
505 W RIVERSIDE AVE
SPOKANE WA 99201
50 LBS
1 OF 1
DWT: 36,24,12
AH
SHIP TO:
2062858282
FRIEDMAN & BRUYA, INC.
5500 4TH AVE S
SEATTLE WA 98108-2419
WA 981 9-04
UPS NEXT DAY AIR SAVER
1P
TRACKING #: 1Z K8J 639 13 1367 0031
BILLING: P/P
Project Number: 0202349-002
Phase Number: 000
CS 24.9.00. WNTNV50 49.0A 12/2024*
TM

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Breeyn Greer
Haley & Aldrich, Inc.
505 W Riverside Ave
Suite 450
Spokane, Washington 99201

Generated 12/16/2024 8:44:45 PM Revision 1

JOB DESCRIPTION

CVSD Gun Club

JOB NUMBER

580-145882-1

Eurofins Seattle
5755 8th Street East
Tacoma WA 98424

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

Authorization



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Revision 1

Authorized for release by
Tracy Dutton, Client Relations Manager
Tracy.Dutton@et.eurofinsus.com
(253)248-4970

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Job Narrative
580-145882-1

Revision 12/16/2024
The report being provided is a revision of the original report sent on 12/7/2024. The report (revision 1) is being revised due to Client added dup and triplicate to sample C_77_3 for PAH per client request.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/15/2024 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.5°C.

ISM Processing
All samples were processed via ISM prior to extraction and analysis. 8270E SIM was processed via ISM as received and Method 6010D was processed as dried and sieved.

GC/MS Semi VOA
Method 8270E_SIM: The following sample(s) was prepared outside of preparation holding time due to the login review date being past the holding time expiration date for this sample. 8270E_SIM. C_77b_3 (580-145882-6) and C_77c_3 (580-145882-7).

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

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

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

Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145882-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit

Glossary

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

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145882-1

Client Sample ID: C_73_1
Date Collected: 11/14/24 09:00
Date Received: 11/15/24 09:30

Lab Sample ID: 580-145882-1
Matrix: Solid
Percent Solids: 87.1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0062	0.0027	mg/Kg	☼	11/20/24 20:54	11/24/24 00:56	1
2-Methylnaphthalene	ND		0.0068	0.0033	mg/Kg	☼	11/20/24 20:54	11/24/24 00:56	1
Benzo[a]anthracene	**0.033**		0.0062	0.0025	mg/Kg	☼	11/20/24 20:54	11/24/24 00:56	1
Benzo[a]pyrene	**0.053**		0.0062	0.0022	mg/Kg	☼	11/20/24 20:54	11/24/24 00:56	1
Benzo[b]fluoranthene	**0.051**		0.0056	0.0013	mg/Kg	☼	11/20/24 20:54	11/24/24 00:56	1
Benzo[k]fluoranthene	**0.019**		0.0062	0.0020	mg/Kg	☼	11/20/24 20:54	11/24/24 00:56	1
Chrysene	**0.052**		0.0056	0.0017	mg/Kg	☼	11/20/24 20:54	11/24/24 00:56	1
Dibenz(a,h)anthracene	ND		0.0062	0.00081	mg/Kg	☼	11/20/24 20:54	11/24/24 00:56	1
Indeno[1,2,3-cd]pyrene	**0.026**		0.0062	0.0025	mg/Kg	☼	11/20/24 20:54	11/24/24 00:56	1
Naphthalene	ND		0.0056	0.0018	mg/Kg	☼	11/20/24 20:54	11/24/24 00:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*111*		*57 - 145*	*11/20/24 20:54*	*11/24/24 00:56*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**6.9**		5.5	0.45	mg/Kg		12/04/24 11:19	12/05/24 14:13	4
Lead	**44**		2.7	0.41	mg/Kg		12/04/24 11:19	12/05/24 14:13	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	**1.0**				NONE			11/25/24 10:54	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**87.1**		0.1	0.1	%			11/26/24 09:58	1
Percent Moisture (SM22 2540G)	**12.9**		0.1	0.1	%			11/26/24 09:58	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145882-1

Client Sample ID: C_78_1
Date Collected: 11/14/24 09:30
Date Received: 11/15/24 09:30

Lab Sample ID: 580-145882-2
Matrix: Solid
Percent Solids: 88.5

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0057	0.0025	mg/Kg	☼	11/20/24 20:54	11/24/24 01:20	1
2-Methylnaphthalene	ND		0.0063	0.0031	mg/Kg	☼	11/20/24 20:54	11/24/24 01:20	1
Benzo[a]anthracene	**0.10**		0.0057	0.0023	mg/Kg	☼	11/20/24 20:54	11/24/24 01:20	1
Benzo[a]pyrene	**0.19**		0.0057	0.0020	mg/Kg	☼	11/20/24 20:54	11/24/24 01:20	1
Benzo[b]fluoranthene	**0.18**		0.0052	0.0012	mg/Kg	☼	11/20/24 20:54	11/24/24 01:20	1
Benzo[k]fluoranthene	**0.082**		0.0057	0.0018	mg/Kg	☼	11/20/24 20:54	11/24/24 01:20	1
Chrysene	**0.15**		0.0052	0.0016	mg/Kg	☼	11/20/24 20:54	11/24/24 01:20	1
Dibenz(a,h)anthracene	ND		0.0057	0.00075	mg/Kg	☼	11/20/24 20:54	11/24/24 01:20	1
Indeno[1,2,3-cd]pyrene	**0.094**		0.0057	0.0023	mg/Kg	☼	11/20/24 20:54	11/24/24 01:20	1
Naphthalene	ND		0.0052	0.0017	mg/Kg	☼	11/20/24 20:54	11/24/24 01:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*111*		*57 - 145*	*11/20/24 20:54*	*11/24/24 01:20*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**7.2**		5.5	0.46	mg/Kg		12/04/24 11:19	12/05/24 14:17	4
Lead	**72**		2.8	0.41	mg/Kg		12/04/24 11:19	12/05/24 14:17	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	**1.0**				NONE			11/25/24 10:54	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**88.5**		0.1	0.1	%			11/26/24 09:58	1
Percent Moisture (SM22 2540G)	**11.5**		0.1	0.1	%			11/26/24 09:58	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145882-1

Client Sample ID: C_77_3
Date Collected: 11/14/24 10:45
Date Received: 11/15/24 09:30

Lab Sample ID: 580-145882-3
Matrix: Solid
Percent Solids: 90.5

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0059	0.0026	mg/Kg	☼	11/20/24 20:54	11/24/24 01:44	1
2-Methylnaphthalene	ND		0.0065	0.0032	mg/Kg	☼	11/20/24 20:54	11/24/24 01:44	1
Benzo[a]anthracene	**0.040**		0.0059	0.0024	mg/Kg	☼	11/20/24 20:54	11/24/24 01:44	1
Benzo[a]pyrene	**0.071**		0.0059	0.0021	mg/Kg	☼	11/20/24 20:54	11/24/24 01:44	1
Benzo[b]fluoranthene	**0.071**		0.0054	0.0012	mg/Kg	☼	11/20/24 20:54	11/24/24 01:44	1
Benzo[k]fluoranthene	**0.031**		0.0059	0.0019	mg/Kg	☼	11/20/24 20:54	11/24/24 01:44	1
Chrysene	**0.056**		0.0054	0.0016	mg/Kg	☼	11/20/24 20:54	11/24/24 01:44	1
Dibenz(a,h)anthracene	ND		0.0059	0.00077	mg/Kg	☼	11/20/24 20:54	11/24/24 01:44	1
Indeno[1,2,3-cd]pyrene	**0.038**		0.0059	0.0024	mg/Kg	☼	11/20/24 20:54	11/24/24 01:44	1
Naphthalene	ND		0.0054	0.0017	mg/Kg	☼	11/20/24 20:54	11/24/24 01:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*108*		*57 - 145*	*11/20/24 20:54*	*11/24/24 01:44*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**8.0**		5.7	0.47	mg/Kg		12/04/24 11:19	12/05/24 14:20	4
Lead	**39**		2.9	0.42	mg/Kg		12/04/24 11:19	12/05/24 14:20	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	**1.0**				NONE			11/25/24 10:54	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**90.5**		0.1	0.1	%			11/26/24 09:58	1
Percent Moisture (SM22 2540G)	**9.5**		0.1	0.1	%			11/26/24 09:58	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145882-1

Client Sample ID: CP_97_2
Date Collected: 11/14/24 10:00
Date Received: 11/15/24 09:30

Lab Sample ID: 580-145882-4
Matrix: Solid
Percent Solids: 82.0

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0067	0.0029	mg/Kg	☼	11/20/24 20:54	11/24/24 02:08	1
2-Methylnaphthalene	ND		0.0073	0.0036	mg/Kg	☼	11/20/24 20:54	11/24/24 02:08	1
Benzo[a]anthracene	**0.14**		0.0067	0.0027	mg/Kg	☼	11/20/24 20:54	11/24/24 02:08	1
Benzo[a]pyrene	**0.24**		0.0067	0.0023	mg/Kg	☼	11/20/24 20:54	11/24/24 02:08	1
Benzo[b]fluoranthene	**0.27**		0.0061	0.0014	mg/Kg	☼	11/20/24 20:54	11/24/24 02:08	1
Benzo[k]fluoranthene	**0.10**		0.0067	0.0021	mg/Kg	☼	11/20/24 20:54	11/24/24 02:08	1
Chrysene	**0.19**		0.0061	0.0018	mg/Kg	☼	11/20/24 20:54	11/24/24 02:08	1
Dibenz(a,h)anthracene	ND		0.0067	0.00088	mg/Kg	☼	11/20/24 20:54	11/24/24 02:08	1
Indeno[1,2,3-cd]pyrene	**0.13**		0.0067	0.0027	mg/Kg	☼	11/20/24 20:54	11/24/24 02:08	1
Naphthalene	ND		0.0061	0.0020	mg/Kg	☼	11/20/24 20:54	11/24/24 02:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*104*		*57 - 145*	*11/20/24 20:54*	*11/24/24 02:08*	*1*

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	**1.0**				NONE			11/25/24 10:54	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**82.0**		0.1	0.1	%			11/26/24 09:58	1
Percent Moisture (SM22 2540G)	**18.0**		0.1	0.1	%			11/26/24 09:58	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145882-1

Client Sample ID: CL_71_1
Date Collected: 11/14/24 10:20
Date Received: 11/15/24 09:30

Lab Sample ID: 580-145882-5
Matrix: Solid

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.1		5.6	0.46	mg/Kg		12/04/24 11:19	12/05/24 14:32	4
Lead	90		2.8	0.41	mg/Kg		12/04/24 11:19	12/05/24 14:32	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	1.0				NONE			11/25/24 10:54	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	89.8		0.1	0.1	%			11/26/24 09:58	1
Percent Moisture (SM22 2540G)	10.2		0.1	0.1	%			11/26/24 09:58	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145882-1

Client Sample ID: C_77b_3
Date Collected: 11/14/24 10:45
Date Received: 11/15/24 09:30

Lab Sample ID: 580-145882-6
Matrix: Solid
Percent Solids: 90.5

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND	H	0.0059	0.0025	mg/Kg	☼	12/10/24 13:00	12/13/24 13:19	1
2-Methylnaphthalene	ND	H	0.0064	0.0032	mg/Kg	☼	12/10/24 13:00	12/13/24 13:19	1
Benzo[a]anthracene	**0.064**	**H**	0.0059	0.0024	mg/Kg	☼	12/10/24 13:00	12/13/24 13:19	1
Benzo[a]pyrene	**0.12**	**H**	0.0059	0.0021	mg/Kg	☼	12/10/24 13:00	12/13/24 13:19	1
Benzo[b]fluoranthene	**0.12**	**H**	0.0054	0.0012	mg/Kg	☼	12/10/24 13:00	12/13/24 13:19	1
Benzo[k]fluoranthene	**0.053**	**H**	0.0059	0.0019	mg/Kg	☼	12/10/24 13:00	12/13/24 13:19	1
Chrysene	**0.090**	**H**	0.0054	0.0016	mg/Kg	☼	12/10/24 13:00	12/13/24 13:19	1
Dibenz(a,h)anthracene	**0.013**	**H**	0.0059	0.00077	mg/Kg	☼	12/10/24 13:00	12/13/24 13:19	1
Indeno[1,2,3-cd]pyrene	**0.043**	**H**	0.0059	0.0023	mg/Kg	☼	12/10/24 13:00	12/13/24 13:19	1
Naphthalene	ND	H	0.0054	0.0017	mg/Kg	☼	12/10/24 13:00	12/13/24 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*76*		*57 - 145*	*12/10/24 13:00*	*12/13/24 13:19*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**90.5**		0.1	0.1	%			12/16/24 10:08	1
Percent Moisture (SM22 2540G)	**9.5**		0.1	0.1	%			12/16/24 10:08	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145882-1

Client Sample ID: C_77c_3
Date Collected: 11/14/24 10:45
Date Received: 11/15/24 09:30

Lab Sample ID: 580-145882-7
Matrix: Solid
Percent Solids: 90.5

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND	H	0.0060	0.0026	mg/Kg	☼	12/10/24 13:01	12/13/24 13:40	1
2-Methylnaphthalene	ND	H	0.0065	0.0032	mg/Kg	☼	12/10/24 13:01	12/13/24 13:40	1
Benzo[a]anthracene	**0.069**	**H**	0.0060	0.0024	mg/Kg	☼	12/10/24 13:01	12/13/24 13:40	1
Benzo[a]pyrene	**0.13**	**H**	0.0060	0.0021	mg/Kg	☼	12/10/24 13:01	12/13/24 13:40	1
Benzo[b]fluoranthene	**0.16**	**H**	0.0054	0.0013	mg/Kg	☼	12/10/24 13:01	12/13/24 13:40	1
Benzo[k]fluoranthene	**0.051**	**H**	0.0060	0.0019	mg/Kg	☼	12/10/24 13:01	12/13/24 13:40	1
Chrysene	**0.10**	**H**	0.0054	0.0016	mg/Kg	☼	12/10/24 13:01	12/13/24 13:40	1
Dibenz(a,h)anthracene	**0.024**	**H**	0.0060	0.00078	mg/Kg	☼	12/10/24 13:01	12/13/24 13:40	1
Indeno[1,2,3-cd]pyrene	**0.076**	**H**	0.0060	0.0024	mg/Kg	☼	12/10/24 13:01	12/13/24 13:40	1
Naphthalene	ND	H	0.0054	0.0018	mg/Kg	☼	12/10/24 13:01	12/13/24 13:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*73*		*57 - 145*	*12/10/24 13:01*	*12/13/24 13:40*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**90.5**		0.1	0.1	%			12/16/24 10:08	1
Percent Moisture (SM22 2540G)	**9.5**		0.1	0.1	%			12/16/24 10:08	1

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

Lab Sample ID: MB 580-478502/1-A
Matrix: Solid
Analysis Batch: 478799

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 478502

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0055	0.0024	mg/Kg		11/20/24 20:52	11/23/24 19:20	1
2-Methylnaphthalene	ND		0.0060	0.0030	mg/Kg		11/20/24 20:52	11/23/24 19:20	1
Benzo[a]anthracene	ND		0.0055	0.0022	mg/Kg		11/20/24 20:52	11/23/24 19:20	1
Benzo[a]pyrene	ND		0.0055	0.0019	mg/Kg		11/20/24 20:52	11/23/24 19:20	1
Benzo[b]fluoranthene	ND		0.0050	0.0012	mg/Kg		11/20/24 20:52	11/23/24 19:20	1
Benzo[k]fluoranthene	ND		0.0055	0.0017	mg/Kg		11/20/24 20:52	11/23/24 19:20	1
Chrysene	ND		0.0050	0.0015	mg/Kg		11/20/24 20:52	11/23/24 19:20	1
Dibenz(a,h)anthracene	ND		0.0055	0.00072	mg/Kg		11/20/24 20:52	11/23/24 19:20	1
Indeno[1,2,3-cd]pyrene	ND		0.0055	0.0022	mg/Kg		11/20/24 20:52	11/23/24 19:20	1
Naphthalene	ND		0.0050	0.0016	mg/Kg		11/20/24 20:52	11/23/24 19:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*110*		*57 - 145*	*11/20/24 20:52*	*11/23/24 19:20*	*1*

Lab Sample ID: LCS 580-478502/2-A
Matrix: Solid
Analysis Batch: 478799

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 478502

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	2.00	2.03		mg/Kg		101	64 - 120
2-Methylnaphthalene	2.00	2.02		mg/Kg		101	64 - 120
Benzo[a]anthracene	2.00	1.91		mg/Kg		96	66 - 127
Benzo[a]pyrene	2.00	2.17		mg/Kg		109	66 - 124
Benzo[b]fluoranthene	2.00	2.08		mg/Kg		104	54 - 122
Benzo[k]fluoranthene	2.00	2.23		mg/Kg		111	51 - 131
Chrysene	2.00	1.94		mg/Kg		97	57 - 128
Dibenz(a,h)anthracene	2.00	1.69		mg/Kg		84	64 - 133
Indeno[1,2,3-cd]pyrene	2.00	1.66		mg/Kg		83	63 - 132
Naphthalene	2.00	1.96		mg/Kg		98	65 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14	*100*		*57 - 145*

Lab Sample ID: MB 580-480043/1-A
Matrix: Solid
Analysis Batch: 480365

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 480043

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0055	0.0024	mg/Kg		12/10/24 13:00	12/13/24 11:32	1
2-Methylnaphthalene	ND		0.0060	0.0030	mg/Kg		12/10/24 13:00	12/13/24 11:32	1
Benzo[a]anthracene	ND		0.0055	0.0022	mg/Kg		12/10/24 13:00	12/13/24 11:32	1
Benzo[a]pyrene	ND		0.0055	0.0019	mg/Kg		12/10/24 13:00	12/13/24 11:32	1
Benzo[b]fluoranthene	ND		0.0050	0.0012	mg/Kg		12/10/24 13:00	12/13/24 11:32	1
Benzo[k]fluoranthene	ND		0.0055	0.0017	mg/Kg		12/10/24 13:00	12/13/24 11:32	1
Chrysene	ND		0.0050	0.0015	mg/Kg		12/10/24 13:00	12/13/24 11:32	1
Dibenz(a,h)anthracene	ND		0.0055	0.00072	mg/Kg		12/10/24 13:00	12/13/24 11:32	1
Indeno[1,2,3-cd]pyrene	ND		0.0055	0.0022	mg/Kg		12/10/24 13:00	12/13/24 11:32	1
Naphthalene	ND		0.0050	0.0016	mg/Kg		12/10/24 13:00	12/13/24 11:32	1

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14	92		57 - 145	12/10/24 13:00	12/13/24 11:32	1

Lab Sample ID: LCS 580-480043/2-A
Matrix: Solid
Analysis Batch: 480365

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 480043

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	2.00	1.77		mg/Kg		89	64 - 120
2-Methylnaphthalene	2.00	1.91		mg/Kg		96	64 - 120
Benzo[a]anthracene	2.00	1.87		mg/Kg		94	66 - 127
Benzo[a]pyrene	2.00	2.03		mg/Kg		101	66 - 124
Benzo[b]fluoranthene	2.00	1.61		mg/Kg		80	54 - 122
Benzo[k]fluoranthene	2.00	1.50		mg/Kg		75	51 - 131
Chrysene	2.00	1.56		mg/Kg		78	57 - 128
Dibenz(a,h)anthracene	2.00	1.88		mg/Kg		94	64 - 133
Indeno[1,2,3-cd]pyrene	2.00	1.87		mg/Kg		94	63 - 132
Naphthalene	2.00	1.74		mg/Kg		87	65 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Terphenyl-d14	82		57 - 145

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 350-3683/23-A
Matrix: Solid
Analysis Batch: 3736

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3683

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.12	mg/Kg		12/04/24 11:19	12/05/24 13:44	1
Lead	ND		0.75	0.11	mg/Kg		12/04/24 11:19	12/05/24 13:44	1

Lab Sample ID: LCS 350-3683/24-A
Matrix: Solid
Analysis Batch: 3736

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3683

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	25.0	22.8		mg/Kg		91	80 - 120
Lead	25.0	23.4		mg/Kg		94	80 - 120

Method: 2540G - SM 2540G

Lab Sample ID: 580-145882-2 DU
Matrix: Solid
Analysis Batch: 478973

Client Sample ID: C_78_1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	88.5		83.1		%		6	20
Percent Moisture	11.5		16.9	F3	%		38	20

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145882-1

Client Sample ID: C_73_1
Date Collected: 11/14/24 09:00
Date Received: 11/15/24 09:30

Lab Sample ID: 580-145882-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			478871	MJ	EET SSM	11/25/24 10:54
Total/NA	Prep	3050B			3683	J1H	EET SSM	12/04/24 11:19
Total/NA	Analysis	6010D		4	3736	JLS	EET SSM	12/05/24 14:13
Total/NA	ISM Prep	Increment, prep			478376	MJ	EET SEA	11/20/24 10:34
Total/NA	Analysis	2540G		1	478973	B1M	EET SEA	11/26/24 09:58
Total/NA	Analysis	Increment, prep		1	478871	MJ	EET SEA	11/25/24 10:54

Client Sample ID: C_73_1
Date Collected: 11/14/24 09:00
Date Received: 11/15/24 09:30

Lab Sample ID: 580-145882-1
Matrix: Solid
Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478376	MJ	EET SEA	11/20/24 10:34
Total/NA	Prep	3546			478502	ER	EET SEA	11/20/24 20:54
Total/NA	Analysis	8270E SIM		1	478799	VLF	EET SEA	11/24/24 00:56

Client Sample ID: C_78_1
Date Collected: 11/14/24 09:30
Date Received: 11/15/24 09:30

Lab Sample ID: 580-145882-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			478871	MJ	EET SSM	11/25/24 10:54
Total/NA	Prep	3050B			3683	J1H	EET SSM	12/04/24 11:19
Total/NA	Analysis	6010D		4	3736	JLS	EET SSM	12/05/24 14:17
Total/NA	ISM Prep	Increment, prep			478376	MJ	EET SEA	11/20/24 10:34
Total/NA	Analysis	2540G		1	478973	B1M	EET SEA	11/26/24 09:58
Total/NA	Analysis	Increment, prep		1	478871	MJ	EET SEA	11/25/24 10:54

Client Sample ID: C_78_1
Date Collected: 11/14/24 09:30
Date Received: 11/15/24 09:30

Lab Sample ID: 580-145882-2
Matrix: Solid
Percent Solids: 88.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478376	MJ	EET SEA	11/20/24 10:34
Total/NA	Prep	3546			478502	ER	EET SEA	11/20/24 20:54
Total/NA	Analysis	8270E SIM		1	478799	VLF	EET SEA	11/24/24 01:20

Client Sample ID: C_77_3
Date Collected: 11/14/24 10:45
Date Received: 11/15/24 09:30

Lab Sample ID: 580-145882-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			478871	MJ	EET SSM	11/25/24 10:54
Total/NA	Prep	3050B			3683	J1H	EET SSM	12/04/24 11:19
Total/NA	Analysis	6010D		4	3736	JLS	EET SSM	12/05/24 14:20

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145882-1

Client Sample ID: C_77_3
Date Collected: 11/14/24 10:45
Date Received: 11/15/24 09:30

Lab Sample ID: 580-145882-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478376	MJ	EET SEA	11/20/24 10:34
Total/NA	Analysis	2540G		1	478973	B1M	EET SEA	11/26/24 09:58
Total/NA	Analysis	Increment, prep		1	478871	MJ	EET SEA	11/25/24 10:54

Client Sample ID: C_77_3
Date Collected: 11/14/24 10:45
Date Received: 11/15/24 09:30

Lab Sample ID: 580-145882-3
Matrix: Solid
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478376	MJ	EET SEA	11/20/24 10:34
Total/NA	Prep	3546			478502	ER	EET SEA	11/20/24 20:54
Total/NA	Analysis	8270E SIM		1	478799	VLF	EET SEA	11/24/24 01:44

Client Sample ID: CP_97_2
Date Collected: 11/14/24 10:00
Date Received: 11/15/24 09:30

Lab Sample ID: 580-145882-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478376	MJ	EET SEA	11/20/24 10:34
Total/NA	Analysis	2540G		1	478973	B1M	EET SEA	11/26/24 09:58
Total/NA	Analysis	Increment, prep		1	478871	MJ	EET SEA	11/25/24 10:54

Client Sample ID: CP_97_2
Date Collected: 11/14/24 10:00
Date Received: 11/15/24 09:30

Lab Sample ID: 580-145882-4
Matrix: Solid
Percent Solids: 82.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478376	MJ	EET SEA	11/20/24 10:34
Total/NA	Prep	3546			478502	ER	EET SEA	11/20/24 20:54
Total/NA	Analysis	8270E SIM		1	478799	VLF	EET SEA	11/24/24 02:08

Client Sample ID: CL_71_1
Date Collected: 11/14/24 10:20
Date Received: 11/15/24 09:30

Lab Sample ID: 580-145882-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			478871	MJ	EET SSM	11/25/24 10:54
Total/NA	Prep	3050B			3683	J1H	EET SSM	12/04/24 11:19
Total/NA	Analysis	6010D		4	3736	JLS	EET SSM	12/05/24 14:32
Total/NA	ISM Prep	Increment, prep			478376	MJ	EET SEA	11/20/24 10:34
Total/NA	Analysis	2540G		1	478973	B1M	EET SEA	11/26/24 09:58
Total/NA	Analysis	Increment, prep		1	478871	MJ	EET SEA	11/25/24 10:54

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145882-1

Client Sample ID: C_77b_3
Date Collected: 11/14/24 10:45
Date Received: 11/15/24 09:30

Lab Sample ID: 580-145882-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			480035	TOA	EET SEA	12/10/24 11:03
Total/NA	Analysis	2540G		1	480556	CB	EET SEA	12/16/24 10:08

Client Sample ID: C_77b_3
Date Collected: 11/14/24 10:45
Date Received: 11/15/24 09:30

Lab Sample ID: 580-145882-6
Matrix: Solid
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			480035	TOA	EET SEA	12/10/24 11:03
Total/NA	Prep	3546			480043	KI	EET SEA	12/10/24 13:00
Total/NA	Analysis	8270E SIM		1	480365	CB	EET SEA	12/13/24 13:19

Client Sample ID: C_77c_3
Date Collected: 11/14/24 10:45
Date Received: 11/15/24 09:30

Lab Sample ID: 580-145882-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			480035	TOA	EET SEA	12/10/24 11:03
Total/NA	Analysis	2540G		1	480556	CB	EET SEA	12/16/24 10:08

Client Sample ID: C_77c_3
Date Collected: 11/14/24 10:45
Date Received: 11/15/24 09:30

Lab Sample ID: 580-145882-7
Matrix: Solid
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			480035	TOA	EET SEA	12/10/24 11:03
Total/NA	Prep	3546			480043	KI	EET SEA	12/10/24 13:01
Total/NA	Analysis	8270E SIM		1	480365	CB	EET SEA	12/13/24 13:40

Laboratory References:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

EET SSM = Eurofins Seattle Specialty Metals, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145882-1

Laboratory: Eurofins Seattle

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C788-24	07-13-25

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

Analysis Method	Prep Method	Matrix	Analyte
2540G		Solid	Percent Solids
Increment, prep		Solid	Incremented sample generated

Laboratory: Eurofins Seattle Specialty Metals

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-004	12-18-24
ANAB	Dept. of Defense ELAP	L2236	01-19-25
ANAB	Dept. of Energy	L2236.01	12-18-24
ANAB	ISO/IEC 17025	L2236	01-19-25
California	State	2954	07-07-25
Florida	NELAP	E87575	06-30-25
Louisiana (All)	NELAP	03073	06-30-25
New Jersey	NELAP	WA014	06-30-25
New York	NELAP	11662	04-01-25
Oregon	NELAP	4167-008	07-07-25
US Fish & Wildlife	US Federal Programs	A20571	06-30-25
Washington	State	C788-23a	07-13-25
Wisconsin	State	399133460	12-18-24

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145882-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-145882-1	C_73_1	Solid	11/14/24 09:00	11/15/24 09:30
580-145882-2	C_78_1	Solid	11/14/24 09:30	11/15/24 09:30
580-145882-3	C_77_3	Solid	11/14/24 10:45	11/15/24 09:30
580-145882-4	CP_97_2	Solid	11/14/24 10:00	11/15/24 09:30
580-145882-5	CL_71_1	Solid	11/14/24 10:20	11/15/24 09:30
580-145882-6	C_77b_3	Solid	11/14/24 10:45	11/15/24 09:30
580-145882-7	C_77c_3	Solid	11/14/24 10:45	11/15/24 09:30

Eurofins Environmental Testing Northwest, LLC
5755 8th Street East
Tacoma, WA 98424

eurofins | Environment Testing

Chain of Custody Record

Client Information

Client Contact: Breeyn Greer
Company: Haley + Aldrich
Address: 505 W Riverside ave Ste 450
City: Spokane
State, Zip: Wa 99201
Phone: 612-232-7343
Email: bgreer@haleyaldrich.com
Project Name: CVSD Gun Club
Site: 0202349

Sampler: CAL
Phone: 612-232-7343
PWSID:

Lab PM:
E-Mail:

Carrier Tracking No(s):
State of Origin:

COC No:
Page: Page 1 of 1
Job #:

Due Date Requested:
TAT Requested (days): STD
Compliance Project: Δ Yes Δ No
PO #: Purchase Order not required
WO #:
Project #: 0202349
SSOW#:

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Special Instructions/Note:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Preservation Code:	CPAHs Project specific List	Tsm processing	Pb, As EPA 6010/6020	Total Number of containers
C_73_1	11-14-24	9:00	C	Soil		X	X	X	
C_78_1		9:30				X	X	X	
C_77_3		10:45				X	Y	X	
CP_97_2		10:00				X	X		
CL_71_1		10:20					X	X	
							X	CL	

580-145882 Chain of Custody

Possible Hazard Identification
Δ Non-Hazard, Flammable, Skin Irritant, Poison B, Unknown, Radiological

Deliverable Requested: I, II, III, IV, Other (specify) EDD

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Return To Client, Disposal By Lab, Archive For 1 Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by: Date: Time: Method of Shipment:

Relinquished by: Cameron Lackey — Date/Time: 11-14-24 14:00 — Company: H+A
Relinquished by: — Date/Time: — Company
Relinquished by: — Date/Time: — Company

Received by: — Date/Time: 11-15-24 930 — Company: EENT
Received by: — Date/Time: — Company
Received by: — Date/Time: — Company

Cooler Temp. ID: 14 Cor: 0.5 Unc: 0.1
Cooler Dsc: LB
Packing: NONE
Blue Ice, Wet, Dry, None
FedEx:
UPS: NDA
Lab Courier:
Other:

Custody Seals Intact: Δ Yes Δ No — Custody Seal No.:

Ver: 01/16/2019

12/16/2024 (Rev. 1)

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Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 580-145882-1

Login Number: 145882
List Number: 1
Creator: Groves, Elizabeth

List Source: Eurofins Seattle

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Breeyn Greer
Haley & Aldrich, Inc.
505 W Riverside Ave
Suite 450
Spokane, Washington 99201

Generated 12/18/2024 7:39:33 PM

JOB DESCRIPTION

CVSD Gun Club

JOB NUMBER

580-146099-1

Eurofins Seattle
5755 8th Street East
Tacoma WA 98424

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

Authorization



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12/18/2024 7:39:33 PM

Authorized for release by
Tracy Dutton, Client Relations Manager
Tracy.Dutton@et.eurofinsus.com
(253)248-4970

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Job Narrative
580-146099-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/22/2024 11:20 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.6°C.

Receipt Exceptions
Samples arrived at the laboratory water-logged; possibly from the melting ice provided in the cooler used for shipping. C_99_1.5 (580-146099-1), C_39_1.5 (580-146099-2), C_107_3 (580-146099-3), C_141_3 (580-146099-4) and CP_112_1 (580-146099-5)

GC/MS Semi VOA
Method 8270E_SIM: (DFTPP 580-480736/2) presents tailing factor outside the threshold for Pentachlorophenol. For selective ion monitoring, tailing factor is not defined in the parent method; therefore, the data is reported.

Method 8270E_SIM: The continuing calibration verification (CCV) associated with batch 580-480736 recovered above the upper control limit for Benzo[k]fluoranthene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 580-480736/3).

Method 8270E_SIM: The laboratory control sample (LCS) for preparation batch 580-480604 and analytical batch 580-480736 recovered outside control limits for the following analytes: 2-Methylnaphthalene and Benzo[a]pyrene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E_SIM: The following sample was prepared outside of preparation holding time due to laboratory oversight on the sample login : CP_112_1 (580-146099-5).

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

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

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

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-146099-1

Client Sample ID: C_99_1.5
Date Collected: 11/21/24 09:30
Date Received: 11/22/24 11:20

Lab Sample ID: 580-146099-1
Matrix: Solid
Percent Solids: 91.0

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0059	0.0026	mg/Kg	☼	12/05/24 15:50	12/07/24 20:07	1
2-Methylnaphthalene	ND		0.0064	0.0032	mg/Kg	☼	12/05/24 15:50	12/07/24 20:07	1
Benzo[a]anthracene	**0.0075**		0.0059	0.0024	mg/Kg	☼	12/05/24 15:50	12/07/24 20:07	1
Benzo[a]pyrene	**0.0098**		0.0059	0.0021	mg/Kg	☼	12/05/24 15:50	12/07/24 20:07	1
Benzo[b]fluoranthene	**0.0097**		0.0054	0.0012	mg/Kg	☼	12/05/24 15:50	12/07/24 20:07	1
Benzo[k]fluoranthene	**0.0056**	**J**	0.0059	0.0019	mg/Kg	☼	12/05/24 15:50	12/07/24 20:07	1
Chrysene	**0.0090**		0.0054	0.0016	mg/Kg	☼	12/05/24 15:50	12/07/24 20:07	1
Dibenz(a,h)anthracene	ND		0.0059	0.00077	mg/Kg	☼	12/05/24 15:50	12/07/24 20:07	1
Indeno[1,2,3-cd]pyrene	**0.0060**		0.0059	0.0023	mg/Kg	☼	12/05/24 15:50	12/07/24 20:07	1
Naphthalene	ND		0.0054	0.0017	mg/Kg	☼	12/05/24 15:50	12/07/24 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*89*		*57 - 145*	*12/05/24 15:50*	*12/07/24 20:07*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**91.0**		0.1	0.1	%			12/11/24 12:06	1
Percent Moisture (SM22 2540G)	**9.0**		0.1	0.1	%			12/11/24 12:06	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-146099-1

Client Sample ID: C_39_1.5
Date Collected: 11/21/24 10:00
Date Received: 11/22/24 11:20

Lab Sample ID: 580-146099-2
Matrix: Solid
Percent Solids: 90.5

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0057	0.0025	mg/Kg	☼	12/05/24 15:50	12/07/24 20:27	1
2-Methylnaphthalene	ND		0.0062	0.0030	mg/Kg	☼	12/05/24 15:50	12/07/24 20:27	1
Benzo[a]anthracene	**0.15**		0.0057	0.0023	mg/Kg	☼	12/05/24 15:50	12/07/24 20:27	1
Benzo[a]pyrene	**0.28**		0.0057	0.0020	mg/Kg	☼	12/05/24 15:50	12/07/24 20:27	1
Benzo[b]fluoranthene	**0.27**		0.0052	0.0012	mg/Kg	☼	12/05/24 15:50	12/07/24 20:27	1
Benzo[k]fluoranthene	**0.092**		0.0057	0.0018	mg/Kg	☼	12/05/24 15:50	12/07/24 20:27	1
Chrysene	**0.20**		0.0052	0.0015	mg/Kg	☼	12/05/24 15:50	12/07/24 20:27	1
Dibenz(a,h)anthracene	ND		0.0057	0.00074	mg/Kg	☼	12/05/24 15:50	12/07/24 20:27	1
Indeno[1,2,3-cd]pyrene	**0.14**		0.0057	0.0023	mg/Kg	☼	12/05/24 15:50	12/07/24 20:27	1
Naphthalene	ND		0.0052	0.0017	mg/Kg	☼	12/05/24 15:50	12/07/24 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*100*		*57 - 145*	*12/05/24 15:50*	*12/07/24 20:27*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**91**		2.9	0.43	mg/Kg		12/10/24 14:38	12/12/24 15:59	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	**1.0**				NONE			12/03/24 08:18	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**90.5**		0.1	0.1	%			12/11/24 12:06	1
Percent Moisture (SM22 2540G)	**9.5**		0.1	0.1	%			12/11/24 12:06	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-146099-1

Client Sample ID: C_107_3
Date Collected: 11/21/24 11:30
Date Received: 11/22/24 11:20

Lab Sample ID: 580-146099-3
Matrix: Solid
Percent Solids: 90.7

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.0034	J	0.0056	0.0024	mg/Kg	☼	12/05/24 15:50	12/07/24 20:48	1
2-Methylnaphthalene	0.0049	J	0.0061	0.0030	mg/Kg	☼	12/05/24 15:50	12/07/24 20:48	1
Benzo[a]anthracene	0.28		0.0056	0.0023	mg/Kg	☼	12/05/24 15:50	12/07/24 20:48	1
Benzo[a]pyrene	0.51		0.0056	0.0019	mg/Kg	☼	12/05/24 15:50	12/07/24 20:48	1
Benzo[b]fluoranthene	0.51		0.0051	0.0012	mg/Kg	☼	12/05/24 15:50	12/07/24 20:48	1
Benzo[k]fluoranthene	0.22		0.0056	0.0018	mg/Kg	☼	12/05/24 15:50	12/07/24 20:48	1
Chrysene	0.38		0.0051	0.0015	mg/Kg	☼	12/05/24 15:50	12/07/24 20:48	1
Dibenz(a,h)anthracene	ND		0.0056	0.00073	mg/Kg	☼	12/05/24 15:50	12/07/24 20:48	1
Indeno[1,2,3-cd]pyrene	0.29		0.0056	0.0022	mg/Kg	☼	12/05/24 15:50	12/07/24 20:48	1
Naphthalene	0.0062		0.0051	0.0016	mg/Kg	☼	12/05/24 15:50	12/07/24 20:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*88*		*57 - 145*	*12/05/24 15:50*	*12/07/24 20:48*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12		5.7	0.48	mg/Kg		12/10/24 14:38	12/12/24 16:03	4
Lead	150		2.9	0.43	mg/Kg		12/10/24 14:38	12/12/24 16:03	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	1.0				NONE			12/03/24 08:18	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	90.7		0.1	0.1	%			12/11/24 12:06	1
Percent Moisture (SM22 2540G)	9.3		0.1	0.1	%			12/11/24 12:06	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-146099-1

Client Sample ID: C_141_3
Date Collected: 11/21/24 11:45
Date Received: 11/22/24 11:20

Lab Sample ID: 580-146099-4
Matrix: Solid
Percent Solids: 93.8

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.0030	J	0.0055	0.0024	mg/Kg	☼	12/05/24 15:50	12/07/24 21:09	1
2-Methylnaphthalene	0.0056	J	0.0060	0.0029	mg/Kg	☼	12/05/24 15:50	12/07/24 21:09	1
Benzo[a]anthracene	0.57		0.0055	0.0022	mg/Kg	☼	12/05/24 15:50	12/07/24 21:09	1
Benzo[a]pyrene	1.0		0.0055	0.0019	mg/Kg	☼	12/05/24 15:50	12/07/24 21:09	1
Benzo[b]fluoranthene	0.84		0.0050	0.0012	mg/Kg	☼	12/05/24 15:50	12/07/24 21:09	1
Benzo[k]fluoranthene	0.34		0.0055	0.0017	mg/Kg	☼	12/05/24 15:50	12/07/24 21:09	1
Chrysene	0.84		0.0050	0.0015	mg/Kg	☼	12/05/24 15:50	12/07/24 21:09	1
Dibenz(a,h)anthracene	ND		0.0055	0.00071	mg/Kg	☼	12/05/24 15:50	12/07/24 21:09	1
Indeno[1,2,3-cd]pyrene	0.48		0.0055	0.0022	mg/Kg	☼	12/05/24 15:50	12/07/24 21:09	1
Naphthalene	0.0062		0.0050	0.0016	mg/Kg	☼	12/05/24 15:50	12/07/24 21:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*92*		*57 - 145*	*12/05/24 15:50*	*12/07/24 21:09*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13		5.8	0.48	mg/Kg		12/10/24 14:38	12/12/24 16:06	4
Lead	61		2.9	0.43	mg/Kg		12/10/24 14:38	12/12/24 16:06	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	1.0				NONE			12/03/24 08:18	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	93.8		0.1	0.1	%			12/11/24 12:06	1
Percent Moisture (SM22 2540G)	6.2		0.1	0.1	%			12/11/24 12:06	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-146099-1

Client Sample ID: CP_112_1
Date Collected: 11/21/24 12:15
Date Received: 11/22/24 11:20

Lab Sample ID: 580-146099-5
Matrix: Solid
Percent Solids: 94.1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.30	H	0.059	0.025	mg/Kg	☼	12/16/24 17:25	12/17/24 20:02	10
Benzo[a]anthracene	10	H	0.059	0.024	mg/Kg	☼	12/16/24 17:25	12/17/24 20:02	10
Benzo[b]fluoranthene	9.0	H	0.053	0.012	mg/Kg	☼	12/16/24 17:25	12/17/24 20:02	10
Chrysene	18	H	0.053	0.016	mg/Kg	☼	12/16/24 17:25	12/17/24 20:02	10
Dibenz(a,h)anthracene	ND	H	0.059	0.0077	mg/Kg	☼	12/16/24 17:25	12/17/24 20:02	10
Indeno[1,2,3-cd]pyrene	4.8	H	0.059	0.023	mg/Kg	☼	12/16/24 17:25	12/17/24 20:02	10
Naphthalene	0.13	H	0.053	0.017	mg/Kg	☼	12/16/24 17:25	12/17/24 20:02	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*133*		*57 - 145*	*12/16/24 17:25*	*12/17/24 20:02*	*10*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	0.45	H	0.064	0.032	mg/Kg	☼	12/16/24 17:25	12/18/24 16:04	10
Benzo[a]pyrene	13	H	0.059	0.021	mg/Kg	☼	12/16/24 17:25	12/18/24 16:04	10
Benzo[k]fluoranthene	3.7	H	0.059	0.019	mg/Kg	☼	12/16/24 17:25	12/18/24 16:04	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*111*		*57 - 145*	*12/16/24 17:25*	*12/18/24 16:04*	*10*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	94.1		0.1	0.1	%			12/17/24 08:59	1
Percent Moisture (SM22 2540G)	5.9		0.1	0.1	%			12/17/24 08:59	1

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

Lab Sample ID: MB 580-479684/1-A
Matrix: Solid
Analysis Batch: 479866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 479684

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0055	0.0024	mg/Kg		12/05/24 15:50	12/07/24 15:58	1
2-Methylnaphthalene	ND		0.0060	0.0030	mg/Kg		12/05/24 15:50	12/07/24 15:58	1
Benzo[a]anthracene	ND		0.0055	0.0022	mg/Kg		12/05/24 15:50	12/07/24 15:58	1
Benzo[a]pyrene	ND		0.0055	0.0019	mg/Kg		12/05/24 15:50	12/07/24 15:58	1
Benzo[b]fluoranthene	ND		0.0050	0.0012	mg/Kg		12/05/24 15:50	12/07/24 15:58	1
Benzo[k]fluoranthene	ND		0.0055	0.0017	mg/Kg		12/05/24 15:50	12/07/24 15:58	1
Chrysene	ND		0.0050	0.0015	mg/Kg		12/05/24 15:50	12/07/24 15:58	1
Dibenz(a,h)anthracene	ND		0.0055	0.00072	mg/Kg		12/05/24 15:50	12/07/24 15:58	1
Indeno[1,2,3-cd]pyrene	ND		0.0055	0.0022	mg/Kg		12/05/24 15:50	12/07/24 15:58	1
Naphthalene	ND		0.0050	0.0016	mg/Kg		12/05/24 15:50	12/07/24 15:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*89*		*57 - 145*	*12/05/24 15:50*	*12/07/24 15:58*	*1*

Lab Sample ID: LCS 580-479684/2-A
Matrix: Solid
Analysis Batch: 479866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 479684

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	2.00	1.76		mg/Kg		88	64 - 120
2-Methylnaphthalene	2.00	1.89		mg/Kg		95	64 - 120
Benzo[a]anthracene	2.00	1.83		mg/Kg		92	66 - 127
Benzo[a]pyrene	2.00	2.08		mg/Kg		104	66 - 124
Benzo[b]fluoranthene	2.00	1.93		mg/Kg		97	54 - 122
Benzo[k]fluoranthene	2.00	1.99		mg/Kg		99	51 - 131
Chrysene	2.00	1.76		mg/Kg		88	57 - 128
Dibenz(a,h)anthracene	2.00	1.97		mg/Kg		99	64 - 133
Indeno[1,2,3-cd]pyrene	2.00	1.97		mg/Kg		99	63 - 132
Naphthalene	2.00	1.73		mg/Kg		87	65 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14	*98*		*57 - 145*

Lab Sample ID: MB 580-480604/1-A
Matrix: Solid
Analysis Batch: 480736

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 480604

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0055	0.0024	mg/Kg		12/16/24 14:33	12/17/24 16:20	1
2-Methylnaphthalene	ND		0.0060	0.0030	mg/Kg		12/16/24 14:33	12/17/24 16:20	1
Benzo[a]anthracene	ND		0.0055	0.0022	mg/Kg		12/16/24 14:33	12/17/24 16:20	1
Benzo[a]pyrene	ND		0.0055	0.0019	mg/Kg		12/16/24 14:33	12/17/24 16:20	1
Benzo[b]fluoranthene	ND		0.0050	0.0012	mg/Kg		12/16/24 14:33	12/17/24 16:20	1
Benzo[k]fluoranthene	ND		0.0055	0.0017	mg/Kg		12/16/24 14:33	12/17/24 16:20	1
Chrysene	ND		0.0050	0.0015	mg/Kg		12/16/24 14:33	12/17/24 16:20	1
Dibenz(a,h)anthracene	ND		0.0055	0.00072	mg/Kg		12/16/24 14:33	12/17/24 16:20	1
Indeno[1,2,3-cd]pyrene	ND		0.0055	0.0022	mg/Kg		12/16/24 14:33	12/17/24 16:20	1
Naphthalene	ND		0.0050	0.0016	mg/Kg		12/16/24 14:33	12/17/24 16:20	1

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14	135		57 - 145	12/16/24 14:33	12/17/24 16:20	1

Lab Sample ID: MB 580-480604/1-A
Matrix: Solid
Analysis Batch: 480811

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 480604

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		0.0060	0.0030	mg/Kg		12/16/24 14:33	12/18/24 14:01	1
Benzo[a]pyrene	ND		0.0055	0.0019	mg/Kg		12/16/24 14:33	12/18/24 14:01	1
Benzo[k]fluoranthene	ND		0.0055	0.0017	mg/Kg		12/16/24 14:33	12/18/24 14:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14	94		57 - 145	12/16/24 14:33	12/18/24 14:01	1

Lab Sample ID: LCS 580-480604/2-A
Matrix: Solid
Analysis Batch: 480736

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 480604

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	2.00	2.33		mg/Kg		117	64 - 120
Benzo[a]anthracene	2.00	2.16		mg/Kg		108	66 - 127
Benzo[b]fluoranthene	2.00	2.36		mg/Kg		118	54 - 122
Benzo[k]fluoranthene	2.00	2.62		mg/Kg		131	51 - 131
Chrysene	2.00	2.22		mg/Kg		111	57 - 128
Dibenz(a,h)anthracene	2.00	2.66		mg/Kg		133	64 - 133
Indeno[1,2,3-cd]pyrene	2.00	2.52		mg/Kg		126	63 - 132
Naphthalene	2.00	2.20		mg/Kg		110	65 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Terphenyl-d14	107		57 - 145

Lab Sample ID: LCS 580-480604/2-A
Matrix: Solid
Analysis Batch: 480811

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 480604

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Methylnaphthalene	2.00	1.61		mg/Kg		80	64 - 120
Benzo[a]pyrene	2.00	1.59		mg/Kg		79	66 - 124
Benzo[k]fluoranthene	2.00	1.61		mg/Kg		81	51 - 131

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Terphenyl-d14	67		57 - 145

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 350-3799/8-A
Matrix: Solid
Analysis Batch: 3877

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3799

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.12	mg/Kg		12/10/24 14:38	12/12/24 15:33	1

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

Lab Sample ID: MB 350-3799/8-A
Matrix: Solid
Analysis Batch: 3877

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3799

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.75	0.11	mg/Kg		12/10/24 14:38	12/12/24 15:33	1

Lab Sample ID: LCS 350-3799/9-A
Matrix: Solid
Analysis Batch: 3877

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3799

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	25.0	23.5		mg/Kg		94	80 - 120
Lead	25.0	24.3		mg/Kg		97	80 - 120

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-146099-1

Client Sample ID: C_99_1.5
Date Collected: 11/21/24 09:30
Date Received: 11/22/24 11:20

Lab Sample ID: 580-146099-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			479112	MJ	EET SEA	11/27/24 12:42
Total/NA	Analysis	2540G		1	480166	B1M	EET SEA	12/11/24 12:06

Client Sample ID: C_99_1.5
Date Collected: 11/21/24 09:30
Date Received: 11/22/24 11:20

Lab Sample ID: 580-146099-1
Matrix: Solid
Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			479112	MJ	EET SEA	11/27/24 12:42
Total/NA	Prep	3546			479684	KI	EET SEA	12/05/24 15:50
Total/NA	Analysis	8270E SIM		1	479866	T1L	EET SEA	12/07/24 20:07

Client Sample ID: C_39_1.5
Date Collected: 11/21/24 10:00
Date Received: 11/22/24 11:20

Lab Sample ID: 580-146099-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			3799	J1H	EET SSM	12/10/24 14:38
Total/NA	Analysis	6010D		4	3877	JLS	EET SSM	12/12/24 15:59
Total/NA	ISM Prep	Increment, prep			479112	MJ	EET SEA	11/27/24 12:42
Total/NA	Analysis	2540G		1	480166	B1M	EET SEA	12/11/24 12:06
Total/NA	Analysis	Increment, prep		1	479347	MJ	EET SEA	12/03/24 08:18

Client Sample ID: C_39_1.5
Date Collected: 11/21/24 10:00
Date Received: 11/22/24 11:20

Lab Sample ID: 580-146099-2
Matrix: Solid
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			479112	MJ	EET SEA	11/27/24 12:42
Total/NA	Prep	3546			479684	KI	EET SEA	12/05/24 15:50
Total/NA	Analysis	8270E SIM		1	479866	T1L	EET SEA	12/07/24 20:27

Client Sample ID: C_107_3
Date Collected: 11/21/24 11:30
Date Received: 11/22/24 11:20

Lab Sample ID: 580-146099-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			3799	J1H	EET SSM	12/10/24 14:38
Total/NA	Analysis	6010D		4	3877	JLS	EET SSM	12/12/24 16:03
Total/NA	ISM Prep	Increment, prep			479112	MJ	EET SEA	11/27/24 12:42
Total/NA	Analysis	2540G		1	480166	B1M	EET SEA	12/11/24 12:06
Total/NA	Analysis	Increment, prep		1	479347	MJ	EET SEA	12/03/24 08:18

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-146099-1

Client Sample ID: C_107_3
Date Collected: 11/21/24 11:30
Date Received: 11/22/24 11:20

Lab Sample ID: 580-146099-3
Matrix: Solid
Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			479112	MJ	EET SEA	11/27/24 12:42
Total/NA	Prep	3546			479684	KI	EET SEA	12/05/24 15:50
Total/NA	Analysis	8270E SIM		1	479866	T1L	EET SEA	12/07/24 20:48

Client Sample ID: C_141_3
Date Collected: 11/21/24 11:45
Date Received: 11/22/24 11:20

Lab Sample ID: 580-146099-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			3799	J1H	EET SSM	12/10/24 14:38
Total/NA	Analysis	6010D		4	3877	JLS	EET SSM	12/12/24 16:06
Total/NA	ISM Prep	Increment, prep			479112	MJ	EET SEA	11/27/24 12:42
Total/NA	Analysis	2540G		1	480166	B1M	EET SEA	12/11/24 12:06
Total/NA	Analysis	Increment, prep		1	479347	MJ	EET SEA	12/03/24 08:18

Client Sample ID: C_141_3
Date Collected: 11/21/24 11:45
Date Received: 11/22/24 11:20

Lab Sample ID: 580-146099-4
Matrix: Solid
Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			479112	MJ	EET SEA	11/27/24 12:42
Total/NA	Prep	3546			479684	KI	EET SEA	12/05/24 15:50
Total/NA	Analysis	8270E SIM		1	479866	T1L	EET SEA	12/07/24 21:09

Client Sample ID: CP_112_1
Date Collected: 11/21/24 12:15
Date Received: 11/22/24 11:20

Lab Sample ID: 580-146099-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			480650	TOA	EET SEA	12/16/24 16:27
Total/NA	Analysis	2540G		1	480673	NH	EET SEA	12/17/24 08:59

Client Sample ID: CP_112_1
Date Collected: 11/21/24 12:15
Date Received: 11/22/24 11:20

Lab Sample ID: 580-146099-5
Matrix: Solid
Percent Solids: 94.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			480650	TOA	EET SEA	12/16/24 16:27
Total/NA	Prep	3546			480604	KI	EET SEA	12/16/24 17:25
Total/NA	Analysis	8270E SIM		10	480736	K1K	EET SEA	12/17/24 20:02
Total/NA	ISM Prep	Increment, prep	RA		480650	TOA	EET SEA	12/16/24 16:27
Total/NA	Prep	3546	RA		480604	KI	EET SEA	12/16/24 17:25
Total/NA	Analysis	8270E SIM	RA	10	480811	CB	EET SEA	12/18/24 16:04

Laboratory References:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

EET SSM = Eurofins Seattle Specialty Metals, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-146099-1

Laboratory: Eurofins Seattle

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C788-24	07-13-25

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

Analysis Method	Prep Method	Matrix	Analyte
2540G		Solid	Percent Solids
Increment, prep		Solid	Incremented sample generated

Laboratory: Eurofins Seattle Specialty Metals

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-004	12-18-24
ANAB	Dept. of Defense ELAP	L2236	01-19-25
ANAB	Dept. of Energy	L2236.01	12-18-24
ANAB	ISO/IEC 17025	L2236	01-19-25
California	State	2954	07-07-25
Florida	NELAP	E87575	06-30-25
Louisiana (All)	NELAP	03073	06-30-25
New Jersey	NELAP	WA014	06-30-25
New York	NELAP	11662	04-01-25
Oregon	NELAP	4167-008	07-07-25
US Fish & Wildlife	US Federal Programs	A20571	06-30-25
Washington	State	C788-23a	07-13-25
Wisconsin	State	399133460	12-18-24

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-146099-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-146099-1	C_99_1.5	Solid	11/21/24 09:30	11/22/24 11:20
580-146099-2	C_39_1.5	Solid	11/21/24 10:00	11/22/24 11:20
580-146099-3	C_107_3	Solid	11/21/24 11:30	11/22/24 11:20
580-146099-4	C_141_3	Solid	11/21/24 11:45	11/22/24 11:20
580-146099-5	CP_112_1	Solid	11/21/24 12:15	11/22/24 11:20

Eurofins Environmental Testing Northwest, LLC
5755 8th Street East
Tacoma, WA 98424

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Cam Luckey	Lab PM:	Carrier Tracking No(s):	COC No:
Client Contact: Breeyn Greer	Phone: 612-232-7343	E-Mail:	State of Origin:	Page: Page 1 of 1
Company: Haley+Aldrich	PWSID:	Analysis Requested		Job #:

Address: 505 w Riverside ave Ste 450	Due Date Requested:		Preservation Codes:
City: Spokane	TAT Requested (days): STD		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: Wa 99201	Compliance Project: Δ Yes Δ No		
Phone: 612-232-7343	PO #: Purchase Order not required		
Email: bgreer@HaleyAldrich.com	WO #:		
Project Name: CVSD Cam Club	Project #: 0202349		Other:
Site: 0202349	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	cPAHs project specific list	1sm processing	Pb EPA 6020	As EPA 6020	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
C_99_1.5	11-21-24	9:30	~~G~~ C	Soil		X	X				Hold CP_112_1 for analysis Contact Breeyn Greer
C_39_1.5		10:00				X	X	X			
C_107_3		11:30				X	X	X	X		
C_141_3		11:45				X	X	X	X		
CP_112_1		12:15				X	X				

Therm. ID: 11 Cor: 0.6 Unc: 1.6
Cooler Dsc: BB/LB
Packing: none
Cust. Seal: Yes ___ No ___
Blue Ice, Wet, Dry, None
FedEx: ___
UPS: NDA
Lab Cour: ___
Other: ___

580-146099 Chain of Custody

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☒ Archive For 1 Months
Deliverable Requested: I, II, III, IV, Other (specify) EDD	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Cameron Luckey 13:30	11-21-24 13:30			11-22-24 1120	Eth
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

12/18/2024

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 580-146099-1

Login Number: 146099
List Number: 1
Creator: Groves, Elizabeth

List Source: Eurofins Seattle

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

5500 4th Ave South
Seattle, WA 98108-2419
(206) 285-8282
office@friedmanandbruya.com
www.friedmanandbruya.com

December 18, 2024

Breeyn Greer, Project Manager
Haley & Aldrich, Inc
3131 Elliott Ave, Suite 600
Seattle, WA 98121

Dear Ms Greer:

Included are the results from the testing of material submitted on December 11, 2024 from the CVSD 0202349, F&BI 412201 project. There are 6 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
c: Haley Aldrich Data, Victoria Pehlivan
HNA1218R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on December 11, 2024 by Friedman & Bruya, Inc. from the Haley & Aldrich, Inc CVSD 0202349, F&BI 412201 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Haley & Aldrich, Inc
412201 -01	CP_25_2
412201 -02	CP_16_2

All quality control requirements were acceptable.

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_25_2	Client:	Haley & Aldrich, Inc
Date Received:	12/11/24	Project:	CVSD 0202349, F&BI 412201
Date Extracted:	12/12/24	Lab ID:	412201-01
Date Analyzed:	12/12/24	Data File:	121213.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	90	50	150
Benz(a)anthracene-d12	87	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.0069
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.022
Chrysene	0.026
Benzo(a)pyrene	0.030
Benzo(b)fluoranthene	0.033
Benzo(k)fluoranthene	0.0073
Indeno(1,2,3-cd)pyrene	0.024
Dibenz(a,h)anthracene	0.0060

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_16_2	Client:	Haley & Aldrich, Inc
Date Received:	12/11/24	Project:	CVSD 0202349, F&BI 412201
Date Extracted:	12/12/24	Lab ID:	412201-02
Date Analyzed:	12/12/24	Data File:	121214.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	96	50	150
Benz(a)anthracene-d12	90	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.017
Chrysene	0.017
Benzo(a)pyrene	0.022
Benzo(b)fluoranthene	0.024
Benzo(k)fluoranthene	0.0088
Indeno(1,2,3-cd)pyrene	0.018
Dibenz(a,h)anthracene	<0.005

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	Method Blank	Client:	Haley & Aldrich, Inc
Date Received:	Not Applicable	Project:	CVSD 0202349, F&BI 412201
Date Extracted:	12/12/24	Lab ID:	04-3107 mb
Date Analyzed:	12/12/24	Data File:	121208.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	94	50	150
Benz(a)anthracene-d12	82	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	<0.005
Chrysene	<0.005
Benzo(a)pyrene	<0.005
Benzo(b)fluoranthene	<0.005
Benzo(k)fluoranthene	<0.005
Indeno(1,2,3-cd)pyrene	<0.005
Dibenz(a,h)anthracene	<0.005

Date of Report: 12/18/24
Date Received: 12/11/24
Project: CVSD 0202349, F&BI 412201

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR PAHS BY EPA METHOD 8270E SIM

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.5	83	96	70-130	15
2-Methylnaphthalene	mg/kg (ppm)	0.5	77	87	70-130	12
1-Methylnaphthalene	mg/kg (ppm)	0.5	99	95	70-130	4
Benz(a)anthracene	mg/kg (ppm)	0.5	87	88	70-130	1
Chrysene	mg/kg (ppm)	0.5	95	98	70-130	3
Benzo(b)fluoranthene	mg/kg (ppm)	0.5	84	87	70-130	4
Benzo(k)fluoranthene	mg/kg (ppm)	0.5	90	91	70-130	1
Benzo(a)pyrene	mg/kg (ppm)	0.5	81	83	70-130	2
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.5	102	100	70-130	2
Dibenz(a,h)anthracene	mg/kg (ppm)	0.5	103	101	70-130	2

Data Qualifiers & Definitions

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

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

ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported between the method detection limit and the lowest calibration point. The value reported is an estimate.

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

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

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

k – The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

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

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

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

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

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

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

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

HALEY ALDRICH

Haley & Aldrich, Inc.
505 W Riverside Ave.,
STE 450,
Spokane, WA 99201-0513

412201

CHAIN OF CUSTODY RECORD

12/11/24 ISM/FI

Phone (509) 960-7447
Fax (509) 960-7447
Page 1 of 1

H&A FILE NO. 0202349
PROJECT NAME CVSD
H&A CONTACT Breeyn Greer

LABORATORY Friedman & Bruya
ADDRESS 5600 4th Ave S, Seattle, WA, 98108
CONTACT

DELIVERY DATE 12/10/24
TURNAROUND TIME Standard
PROJECT MANAGER Breeyn Greer

Sample No.	Date	Time	Depth	Type	Analysis Requested: CAM Project Spec. List	Analysis Requested: ISM Processing	Analysis Requested: F&B lab ID	Number of Containers
CP_25_2	12/10/24	11:20	2 ft	Soil	X	X	01	1
CP_16_2	12/10/24	11:55	2 ft	Soil	X	X	02	1

Comments(special instructions, precautions, additional method numbers, etc.)

Laboratory to use applicable DEP CAM methods, unless otherwise directed.

- Archive for 1 month
- CPAH Project Specific List
- ISM Processing

Sampled and Relinquished by	Received by
Sign	Sign
Print Luke Peden	Print Nhan Phan
Firm Haley & Aldrich	Firm FedEx
Date 12/10/24 Time 13:40	Date 12/11/24 Time 1315

Relinquished by	Received by
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time

Relinquished by	Received by
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time

LIQUID	
VOA Vial	
Amber Glass	
Plastic Bottle	
Preservative	
Volume	

SOLID	
VOA Vial	
Amber Glass	
Clear Glass	
Preservative	
Volume	

PRESERVATION KEY

A Sample chilled	C NaOH	E H_2SO_4	G Methanol
B Sample filtered	D HNO_3	F HCL	H Water/NaHSO4 (circle)

Sampling Comments

Samples received at 3 °C

Evidence samples were tampered with? YES NO
If YES, please explain in section below.

Presumptive Certainty Data Package (Laboratory to use applicable DEP CAM methods)

If Presumptive Certainty Data Package is needed, initial all sections:

_____ The required minimum field QC samples, as designated in BWSC CAM-VII have been or will be collected, as appropriate, to meet the requirements of Presumptive Certainty.

_____ Matrix Spike (MS) samples for MCP Metals and/or Cyanide are included and identified herein.

_____ This Chain of Custody Record (specify) _____ includes _____ does not include samples defined as Drinking Water Samples.

_____ If this Chain of Custody Record identifies samples defined as Drinking Water Samples, Trip Blanks and Field Duplicates are included and identified and analysis of TICs are required, as a

Required Reporting Limits and Data Quality Objectives

☐ RC-S1 ☐ S1 ☐ GW1
☐ RC-S2 ☐ S2 ☐ GW2
☐ RC-GW1 ☐ S3 ☐ GW3
☐ RC-GW2

WHITE - Laboratory CANARY - Project Manager PINK - Haley & Aldrich Laboratory

November 2024

Form 3003

SAMPLE CONDITION UPON RECEIPT CHECKLIST

PROJECT # 412201 CLIENT Haley & Aldrich INITIALS/DATE: NP 12/11/24

If custody seals are present on cooler, are they intact? ☐ NA ☑ YES ☐ NO

Cooler/Sample temperature 3 °C
Thermometer ID: Fluke 96312917

Were samples received on ice/cold packs? ☑ YES ☐ NO

How did samples arrive?
☐ Over the Counter ☐ Picked up by F&BI ☐ FedEx/UPS/GSO

Is there a Chain-of-Custody* (COC)? ☑ YES ☐ NO Initials/Date: AP 12/11/24
*or other representative documents, letters, and/or shipping memos

Number of days samples have been sitting prior to receipt at laboratory 1 days

Are the samples clearly identified? (explain "no" answer below) ☑ YES ☐ NO

Were all sample containers received intact (i.e. not broken, leaking etc.)? (explain "no" answer below) ☑ YES ☐ NO

Were appropriate sample containers used? ☑ YES ☐ NO ☐ Unknown

If custody seals are present on samples, are they intact? ☑ NA ☐ YES ☐ NO

Are samples requiring no headspace, headspace free? ☑ NA ☐ YES ☐ NO

Is the following information provided on the COC, and does it match the sample label?
(explain "no" answer below)

Sample ID's	☑ Yes ☐ No	☐ Not on COC/label
Date Sampled	☑ Yes ☐ No	☐ Not on COC/label
Time Sampled	☑ Yes ☐ No	☐ Not on COC/label
# of Containers	☑ Yes ☐ No	
Relinquished	☑ Yes ☐ No	
Requested analysis	☑ Yes ☐ On Hold	

Other comments (use a separate page if needed)

Air Samples: Were any additional canisters/tubes received? ☑ NA ☐ YES ☐ NO

Number of unused TO15 canisters _____ Number of unused TO17 tubes _____

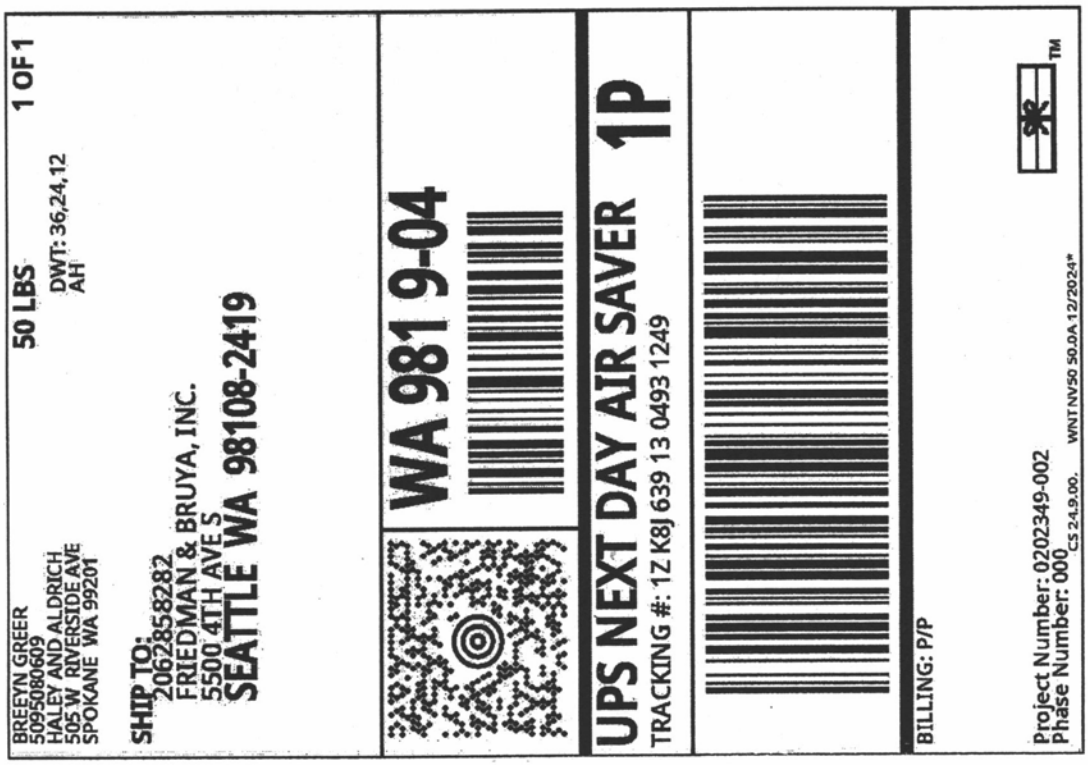
UPS CampusShip: View/Print Label

1. **Ensure there are no other shipping or tracking labels attached to your package.** Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.

2. **Fold the printed label at the solid line below.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.

3. **GETTING YOUR SHIPMENT TO UPS**
   Customers with a Daily Pickup
   Your driver will pickup your shipment(s) as usual.

   Customers without a Daily Pickup
   Schedule a same day or future day Pickup to have a UPS driver pickup all your CampusShip packages.
   Hand the package to any UPS driver in your area.
   Take your package to any location of The UPS Store®, UPS Drop Box, UPS Customer Center, Staples® or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.
   FOLD HERE



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ANALYTICAL REPORT

PREPARED FOR

Attn: Breeyn Greer
Haley & Aldrich, Inc.
505 W Riverside Ave
Suite 450
Spokane, Washington 99201

Generated 12/19/2024 5:24:14 PM

JOB DESCRIPTION

CVSD Gun Club

JOB NUMBER

580-146349-1

Eurofins Seattle
5755 8th Street East
Tacoma WA 98424

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

Authorization

Tracy Dutton

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12/19/2024 5:24:14 PM

Authorized for release by
Tracy Dutton, Client Relations Manager
Tracy.Dutton@et.eurofinsus.com
(253)248-4970

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Job Narrative
580-146349-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 12/5/2024 10:28 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.9°C.

GC/MS Semi VOA
Method 8270E_SIM: Surrogate recovery for the following sample was outside control limits: CP_110_2 (580-146349-4). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

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

Qualifiers

GC/MS Semi VOA

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

Glossary

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

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-146349-1

Client Sample ID: CP_127_2
Date Collected: 12/03/24 10:20
Date Received: 12/05/24 10:28

Lab Sample ID: 580-146349-1
Matrix: Solid
Percent Solids: 89.1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0060	0.0026	mg/Kg	☼	12/10/24 13:00	12/13/24 14:42	1
2-Methylnaphthalene	ND		0.0065	0.0032	mg/Kg	☼	12/10/24 13:00	12/13/24 14:42	1
Benzo[a]anthracene	ND		0.0060	0.0024	mg/Kg	☼	12/10/24 13:00	12/13/24 14:42	1
Benzo[a]pyrene	**0.021**		0.0060	0.0021	mg/Kg	☼	12/10/24 13:00	12/13/24 14:42	1
Benzo[b]fluoranthene	**0.019**		0.0054	0.0013	mg/Kg	☼	12/10/24 13:00	12/13/24 14:42	1
Benzo[k]fluoranthene	**0.0080**		0.0060	0.0019	mg/Kg	☼	12/10/24 13:00	12/13/24 14:42	1
Chrysene	**0.030**		0.0054	0.0016	mg/Kg	☼	12/10/24 13:00	12/13/24 14:42	1
Dibenz(a,h)anthracene	**0.0057**	**J**	0.0060	0.00078	mg/Kg	☼	12/10/24 13:00	12/13/24 14:42	1
Indeno[1,2,3-cd]pyrene	**0.010**		0.0060	0.0024	mg/Kg	☼	12/10/24 13:00	12/13/24 14:42	1
Naphthalene	ND		0.0054	0.0018	mg/Kg	☼	12/10/24 13:00	12/13/24 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*87*		*57 - 145*	*12/10/24 13:00*	*12/13/24 14:42*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**89.1**		0.1	0.1	%			12/12/24 12:11	1
Percent Moisture (SM22 2540G)	**10.9**		0.1	0.1	%			12/12/24 12:11	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-146349-1

Client Sample ID: CP_129_2
Date Collected: 12/03/24 11:00
Date Received: 12/05/24 10:28

Lab Sample ID: 580-146349-2
Matrix: Solid
Percent Solids: 91.6

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0060	0.0026	mg/Kg	☼	12/10/24 13:00	12/13/24 15:03	1
2-Methylnaphthalene	ND		0.0065	0.0032	mg/Kg	☼	12/10/24 13:00	12/13/24 15:03	1
Benzo[a]anthracene	ND		0.0060	0.0024	mg/Kg	☼	12/10/24 13:00	12/13/24 15:03	1
Benzo[a]pyrene	ND		0.0060	0.0021	mg/Kg	☼	12/10/24 13:00	12/13/24 15:03	1
Benzo[b]fluoranthene	ND		0.0054	0.0013	mg/Kg	☼	12/10/24 13:00	12/13/24 15:03	1
Benzo[k]fluoranthene	ND		0.0060	0.0019	mg/Kg	☼	12/10/24 13:00	12/13/24 15:03	1
Chrysene	ND		0.0054	0.0016	mg/Kg	☼	12/10/24 13:00	12/13/24 15:03	1
Dibenz(a,h)anthracene	ND		0.0060	0.00078	mg/Kg	☼	12/10/24 13:00	12/13/24 15:03	1
Indeno[1,2,3-cd]pyrene	ND		0.0060	0.0024	mg/Kg	☼	12/10/24 13:00	12/13/24 15:03	1
Naphthalene	ND		0.0054	0.0018	mg/Kg	☼	12/10/24 13:00	12/13/24 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*96*		*57 - 145*	*12/10/24 13:00*	*12/13/24 15:03*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**91.6**		0.1	0.1	%			12/12/24 12:11	1
Percent Moisture (SM22 2540G)	**8.4**		0.1	0.1	%			12/12/24 12:11	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-146349-1

Client Sample ID: CP_117_2
Date Collected: 12/03/24 12:00
Date Received: 12/05/24 10:28

Lab Sample ID: 580-146349-3
Matrix: Solid
Percent Solids: 91.4

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0055	0.0024	mg/Kg	☼	12/10/24 13:00	12/13/24 15:24	1
2-Methylnaphthalene	ND		0.0060	0.0030	mg/Kg	☼	12/10/24 13:00	12/13/24 15:24	1
Benzo[a]anthracene	ND		0.0055	0.0022	mg/Kg	☼	12/10/24 13:00	12/13/24 15:24	1
Benzo[a]pyrene	**0.031**		0.0055	0.0019	mg/Kg	☼	12/10/24 13:00	12/13/24 15:24	1
Benzo[b]fluoranthene	**0.022**		0.0050	0.0012	mg/Kg	☼	12/10/24 13:00	12/13/24 15:24	1
Benzo[k]fluoranthene	**0.0076**		0.0055	0.0017	mg/Kg	☼	12/10/24 13:00	12/13/24 15:24	1
Chrysene	**0.026**		0.0050	0.0015	mg/Kg	☼	12/10/24 13:00	12/13/24 15:24	1
Dibenz(a,h)anthracene	ND		0.0055	0.00072	mg/Kg	☼	12/10/24 13:00	12/13/24 15:24	1
Indeno[1,2,3-cd]pyrene	**0.017**		0.0055	0.0022	mg/Kg	☼	12/10/24 13:00	12/13/24 15:24	1
Naphthalene	ND		0.0050	0.0016	mg/Kg	☼	12/10/24 13:00	12/13/24 15:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*97*		*57 - 145*	*12/10/24 13:00*	*12/13/24 15:24*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**91.4**		0.1	0.1	%			12/12/24 12:11	1
Percent Moisture (SM22 2540G)	**8.6**		0.1	0.1	%			12/12/24 12:11	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-146349-1

Client Sample ID: CP_110_2
Date Collected: 12/03/24 12:30
Date Received: 12/05/24 10:28

Lab Sample ID: 580-146349-4
Matrix: Solid
Percent Solids: 89.1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0058	0.0025	mg/Kg	☼	12/10/24 13:00	12/13/24 15:45	1
2-Methylnaphthalene	ND		0.0063	0.0031	mg/Kg	☼	12/10/24 13:00	12/13/24 15:45	1
Benzo[a]anthracene	**0.080**		0.0058	0.0024	mg/Kg	☼	12/10/24 13:00	12/13/24 15:45	1
Benzo[a]pyrene	**0.15**		0.0058	0.0020	mg/Kg	☼	12/10/24 13:00	12/13/24 15:45	1
Benzo[b]fluoranthene	**0.13**		0.0053	0.0012	mg/Kg	☼	12/10/24 13:00	12/13/24 15:45	1
Benzo[k]fluoranthene	**0.040**		0.0058	0.0018	mg/Kg	☼	12/10/24 13:00	12/13/24 15:45	1
Chrysene	**0.12**		0.0053	0.0016	mg/Kg	☼	12/10/24 13:00	12/13/24 15:45	1
Dibenz(a,h)anthracene	**0.025**		0.0058	0.00076	mg/Kg	☼	12/10/24 13:00	12/13/24 15:45	1
Indeno[1,2,3-cd]pyrene	**0.058**		0.0058	0.0023	mg/Kg	☼	12/10/24 13:00	12/13/24 15:45	1
Naphthalene	ND		0.0053	0.0017	mg/Kg	☼	12/10/24 13:00	12/13/24 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*155*	*S1+*	*57 - 145*	*12/10/24 13:00*	*12/13/24 15:45*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**89.1**		0.1	0.1	%			12/12/24 12:11	1
Percent Moisture (SM22 2540G)	**10.9**		0.1	0.1	%			12/12/24 12:11	1

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

Lab Sample ID: MB 580-480043/1-A
Matrix: Solid
Analysis Batch: 480365

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 480043

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0055	0.0024	mg/Kg		12/10/24 13:00	12/13/24 11:32	1
2-Methylnaphthalene	ND		0.0060	0.0030	mg/Kg		12/10/24 13:00	12/13/24 11:32	1
Benzo[a]anthracene	ND		0.0055	0.0022	mg/Kg		12/10/24 13:00	12/13/24 11:32	1
Benzo[a]pyrene	ND		0.0055	0.0019	mg/Kg		12/10/24 13:00	12/13/24 11:32	1
Benzo[b]fluoranthene	ND		0.0050	0.0012	mg/Kg		12/10/24 13:00	12/13/24 11:32	1
Benzo[k]fluoranthene	ND		0.0055	0.0017	mg/Kg		12/10/24 13:00	12/13/24 11:32	1
Chrysene	ND		0.0050	0.0015	mg/Kg		12/10/24 13:00	12/13/24 11:32	1
Dibenz(a,h)anthracene	ND		0.0055	0.00072	mg/Kg		12/10/24 13:00	12/13/24 11:32	1
Indeno[1,2,3-cd]pyrene	ND		0.0055	0.0022	mg/Kg		12/10/24 13:00	12/13/24 11:32	1
Naphthalene	ND		0.0050	0.0016	mg/Kg		12/10/24 13:00	12/13/24 11:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*92*		*57 - 145*	*12/10/24 13:00*	*12/13/24 11:32*	*1*

Lab Sample ID: LCS 580-480043/2-A
Matrix: Solid
Analysis Batch: 480365

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 480043

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene			2.00	1.77		mg/Kg		89	64 - 120		
2-Methylnaphthalene			2.00	1.91		mg/Kg		96	64 - 120		
Benzo[a]anthracene			2.00	1.87		mg/Kg		94	66 - 127		
Benzo[a]pyrene			2.00	2.03		mg/Kg		101	66 - 124		
Benzo[b]fluoranthene			2.00	1.61		mg/Kg		80	54 - 122		
Benzo[k]fluoranthene			2.00	1.50		mg/Kg		75	51 - 131		
Chrysene			2.00	1.56		mg/Kg		78	57 - 128		
Dibenz(a,h)anthracene			2.00	1.88		mg/Kg		94	64 - 133		
Indeno[1,2,3-cd]pyrene			2.00	1.87		mg/Kg		94	63 - 132		
Naphthalene			2.00	1.74		mg/Kg		87	65 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14	*82*		*57 - 145*

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-146349-1

Client Sample ID: CP_127_2
Lab Sample ID: 580-146349-1
Date Collected: 12/03/24 10:20
Matrix: Solid
Date Received: 12/05/24 10:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			479959	TOA	EET SEA	12/09/24 13:59
Total/NA	Analysis	2540G		1	480274	B1M	EET SEA	12/12/24 12:11

Client Sample ID: CP_127_2
Lab Sample ID: 580-146349-1
Date Collected: 12/03/24 10:20
Matrix: Solid
Date Received: 12/05/24 10:28
Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			479959	TOA	EET SEA	12/09/24 13:59
Total/NA	Prep	3546			480043	KI	EET SEA	12/10/24 13:00
Total/NA	Analysis	8270E SIM		1	480365	CB	EET SEA	12/13/24 14:42

Client Sample ID: CP_129_2
Lab Sample ID: 580-146349-2
Date Collected: 12/03/24 11:00
Matrix: Solid
Date Received: 12/05/24 10:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			479959	TOA	EET SEA	12/09/24 13:59
Total/NA	Analysis	2540G		1	480274	B1M	EET SEA	12/12/24 12:11

Client Sample ID: CP_129_2
Lab Sample ID: 580-146349-2
Date Collected: 12/03/24 11:00
Matrix: Solid
Date Received: 12/05/24 10:28
Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			479959	TOA	EET SEA	12/09/24 13:59
Total/NA	Prep	3546			480043	KI	EET SEA	12/10/24 13:00
Total/NA	Analysis	8270E SIM		1	480365	CB	EET SEA	12/13/24 15:03

Client Sample ID: CP_117_2
Lab Sample ID: 580-146349-3
Date Collected: 12/03/24 12:00
Matrix: Solid
Date Received: 12/05/24 10:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			479959	TOA	EET SEA	12/09/24 13:59
Total/NA	Analysis	2540G		1	480274	B1M	EET SEA	12/12/24 12:11

Client Sample ID: CP_117_2
Lab Sample ID: 580-146349-3
Date Collected: 12/03/24 12:00
Matrix: Solid
Date Received: 12/05/24 10:28
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			479959	TOA	EET SEA	12/09/24 13:59
Total/NA	Prep	3546			480043	KI	EET SEA	12/10/24 13:00
Total/NA	Analysis	8270E SIM		1	480365	CB	EET SEA	12/13/24 15:24

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-146349-1

Client Sample ID: CP_110_2

Lab Sample ID: 580-146349-4

Date Collected: 12/03/24 12:30

Matrix: Solid

Date Received: 12/05/24 10:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			479959	TOA	EET SEA	12/09/24 13:59
Total/NA	Analysis	2540G		1	480274	B1M	EET SEA	12/12/24 12:11

Client Sample ID: CP_110_2

Lab Sample ID: 580-146349-4

Date Collected: 12/03/24 12:30

Matrix: Solid

Date Received: 12/05/24 10:28

Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			479959	TOA	EET SEA	12/09/24 13:59
Total/NA	Prep	3546			480043	KI	EET SEA	12/10/24 13:00
Total/NA	Analysis	8270E SIM		1	480365	CB	EET SEA	12/13/24 15:45

Laboratory References:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-146349-1

Laboratory: Eurofins Seattle

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C788-24	07-13-25

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

Analysis Method	Prep Method	Matrix	Analyte
2540G		Solid	Percent Solids

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-146349-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-146349-1	CP_127_2	Solid	12/03/24 10:20	12/05/24 10:28
580-146349-2	CP_129_2	Solid	12/03/24 11:00	12/05/24 10:28
580-146349-3	CP_117_2	Solid	12/03/24 12:00	12/05/24 10:28
580-146349-4	CP_110_2	Solid	12/03/24 12:30	12/05/24 10:28

HALEY ALDRICH
Haley & Aldrich, Inc.
505 W Riverside Ave.,
STE 450,
Spokane, WA 99201-0513

CHAIN OF C

580-146349 Chain of Custody

Phone (509) 960-7447
Fax (509) 960-7447

H&A FILE NO. 0202349
PROJECT NAME CVSD
H&A CONTACT Breeyn Greer

LABORATORY Eurofins
ADDRESS 5755 9th St, E Tacoma, WA 98424
CONTACT

TURNAROUND TIME Standard
PROJECT MANAGER Breeyn Greer

12/3/24

Sample No.	Date	Time	Depth	Type	CPAH Project Spec. List	ISM Processing	Number of Containers	Comments(special instructions, precautions, additional method numbers, etc.)
Lwp [redacted]	12/3/24	—	2 ft	Soil	[redacted] Lwp		1	Laboratory to use applicable DEP CAM methods, unless otherwise directed.
CP_127_2		10:20			X	X	1	Archive for 1 month
CP_129_2		11:00			X	X	1	
Lwp [redacted]		—			[redacted] Lwp		1	
CP_117_2		12:00			X	X	1	
CP_110_2		12:30			X	X	1	

Therm. ID: 14 Cor: 0.9 ° Unc: 0.5 °
Cooler Dsc: Large Gray
Packing: None
Cust. Seal: Yes ___ No X
Blue Ice, Wet, Dry, None

FedEx:
UPS: Next Day
Lab Courr:
Other:

Sampled and Relinquished by	Received by
Sign	Sign Brook Moore
Print Luke Peda	Print Brook Moore
Firm Haley & Aldrich	Firm EETN
Date 12/3/24 Time 14:30	Date 12/05/24 Time 1028
Relinquished by	Received by
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time
Relinquished by	Received by
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time

LIQUID	SOLID
VOA Vial	VOA Vial
Amber Glass	Amber Glass
Plastic Bottle	Clear Glass
Preservative	Preservative
Volume	Volume

Sampling Comments: Non-Hazardous

Evidence samples were tampered with? YES NO
If YES, please explain in section below.

PRESERVATION KEY

A Sample chilled	C NaOH	E H_2SO_4	G Methanol
B Sample filtered	D HNO_3	F HCL	H Water/NaHSO4 (circle)

Presumptive Certainty Data Package (Laboratory to use applicable DEP CAM methods)

If Presumptive Certainty Data Package is needed, initial all sections:

_____ The required minimum field QC samples, as designated in BWSC CAM-VII have been or will be collected, as appropriate, to meet the requirements of Presumptive Certainty.
_____ Matrix Spike (MS) samples for MCP Metals and/or Cyanide are included and identified herein.
_____ This Chain of Custody Record (specify) _____includes _____does not include samples defined as Drinking Water Samples.
_____
_____ If this Chain of Custody Record identifies samples defined as Drinking Water Samples, Trip Blanks and Field Duplicates are included and identified and analysis of TICs are required, as a

Required Reporting Limits and Data Quality Objectives

☐ RC-S1 ☐ S1 ☐ GW1
☐ RC-S2 ☐ S2 ☐ GW2
☐ RC-GW1 ☐ S3 ☐ GW3
☐ RC-GW2

WHITE - Laboratory CANARY - Project Manager PINK - Haley & Aldrich Laboratory

Form 3003

November 2024

12/19/2024

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 580-146349-1

Login Number: 146349
List Number: 1
Creator: Moore, Brook 1

List Source: Eurofins Seattle

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Breeyn Greer
Haley & Aldrich, Inc.
505 W Riverside Ave
Suite 450
Spokane, Washington 99201

Generated 12/23/2024 6:00:10 PM Revision 1

JOB DESCRIPTION

CVSD Gun Club

JOB NUMBER

580-145968-1

Eurofins Seattle
5755 8th Street East
Tacoma WA 98424

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

Authorization

Tracy Dutton

Generated
12/23/2024 6:00:10 PM
Revision 1

Authorized for release by
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Job Narrative
580-145968-1

Revision 12/23/2024

The report was revised to add a duplicate and triplicate for: lead for sample C_86_1.5 (580-145968-2) and PAH for sample C_100_1.5 (580-145968-1).

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/19/2024 9:55 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.3°C.

ISM Processing
All samples were processed via ISM prior to extraction and analysis. 8270E SIM was processed via ISM as received and Method 6010D was processed as dried and sieved.

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

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

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

Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Client Sample ID: C_100_1.5
Date Collected: 11/15/24 12:00
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-1
Matrix: Solid
Percent Solids: 91.5

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0058	0.0025	mg/Kg	☼	11/25/24 17:30	12/05/24 16:51	1
2-Methylnaphthalene	ND		0.0063	0.0031	mg/Kg	☼	11/25/24 17:30	12/05/24 16:51	1
Benzo[a]anthracene	**0.052**		0.0058	0.0024	mg/Kg	☼	11/25/24 17:30	12/05/24 16:51	1
Benzo[a]pyrene	**0.086**		0.0058	0.0020	mg/Kg	☼	11/25/24 17:30	12/05/24 16:51	1
Benzo[b]fluoranthene	**0.092**		0.0053	0.0012	mg/Kg	☼	11/25/24 17:30	12/05/24 16:51	1
Benzo[k]fluoranthene	**0.036**		0.0058	0.0018	mg/Kg	☼	11/25/24 17:30	12/05/24 16:51	1
Chrysene	**0.064**		0.0053	0.0016	mg/Kg	☼	11/25/24 17:30	12/05/24 16:51	1
Dibenz(a,h)anthracene	ND		0.0058	0.00076	mg/Kg	☼	11/25/24 17:30	12/05/24 16:51	1
Indeno[1,2,3-cd]pyrene	**0.037**		0.0058	0.0023	mg/Kg	☼	11/25/24 17:30	12/05/24 16:51	1
Naphthalene	ND		0.0053	0.0017	mg/Kg	☼	11/25/24 17:30	12/05/24 16:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*98*		*57 - 145*	*11/25/24 17:30*	*12/05/24 16:51*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**61**		2.9	0.42	mg/Kg		12/04/24 13:16	12/06/24 15:55	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	**1.0**				NONE			12/02/24 10:47	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**91.5**		0.1	0.1	%			11/26/24 09:58	1
Percent Moisture (SM22 2540G)	**8.5**		0.1	0.1	%			11/26/24 09:58	1

Client Sample ID: C_86_1.5

Date Collected: 11/15/24 12:20
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-2

Matrix: Solid
Percent Solids: 90.0

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0056	0.0024	mg/Kg	☼	11/25/24 17:30	12/05/24 17:15	1
2-Methylnaphthalene	ND		0.0062	0.0030	mg/Kg	☼	11/25/24 17:30	12/05/24 17:15	1
Benzo[a]anthracene	**0.033**		0.0056	0.0023	mg/Kg	☼	11/25/24 17:30	12/05/24 17:15	1
Benzo[a]pyrene	**0.054**		0.0056	0.0020	mg/Kg	☼	11/25/24 17:30	12/05/24 17:15	1
Benzo[b]fluoranthene	**0.057**		0.0051	0.0012	mg/Kg	☼	11/25/24 17:30	12/05/24 17:15	1
Benzo[k]fluoranthene	**0.024**		0.0056	0.0018	mg/Kg	☼	11/25/24 17:30	12/05/24 17:15	1
Chrysene	**0.042**		0.0051	0.0015	mg/Kg	☼	11/25/24 17:30	12/05/24 17:15	1
Dibenz(a,h)anthracene	ND		0.0056	0.00074	mg/Kg	☼	11/25/24 17:30	12/05/24 17:15	1
Indeno[1,2,3-cd]pyrene	**0.023**		0.0056	0.0022	mg/Kg	☼	11/25/24 17:30	12/05/24 17:15	1
Naphthalene	ND		0.0051	0.0017	mg/Kg	☼	11/25/24 17:30	12/05/24 17:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*99*		*57 - 145*	*11/25/24 17:30*	*12/05/24 17:15*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**210**		2.8	0.42	mg/Kg		12/04/24 13:16	12/06/24 15:31	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	**1.0**				NONE			12/02/24 10:47	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**90.0**		0.1	0.1	%			11/26/24 09:58	1
Percent Moisture (SM22 2540G)	**10**		0.1	0.1	%			11/26/24 09:58	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Client Sample ID: C_72_1.5
Date Collected: 11/15/24 13:40
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-3
Matrix: Solid

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.8		5.8	0.48	mg/Kg		12/04/24 13:16	12/06/24 16:02	4
Lead	63		2.9	0.43	mg/Kg		12/04/24 13:16	12/06/24 16:02	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	1.0				NONE			12/02/24 10:47	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	86.9		0.1	0.1	%			11/26/24 09:38	1
Percent Moisture (SM22 2540G)	13.1		0.1	0.1	%			11/26/24 09:38	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Client Sample ID: C_74_1.5
Date Collected: 11/15/24 12:35
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-4
Matrix: Solid
Percent Solids: 90.0

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0056	0.0024	mg/Kg	☼	11/25/24 17:30	12/05/24 17:39	1
2-Methylnaphthalene	ND		0.0062	0.0030	mg/Kg	☼	11/25/24 17:30	12/05/24 17:39	1
Benzo[a]anthracene	**0.025**		0.0056	0.0023	mg/Kg	☼	11/25/24 17:30	12/05/24 17:39	1
Benzo[a]pyrene	**0.041**		0.0056	0.0020	mg/Kg	☼	11/25/24 17:30	12/05/24 17:39	1
Benzo[b]fluoranthene	**0.043**		0.0051	0.0012	mg/Kg	☼	11/25/24 17:30	12/05/24 17:39	1
Benzo[k]fluoranthene	**0.018**		0.0056	0.0018	mg/Kg	☼	11/25/24 17:30	12/05/24 17:39	1
Chrysene	**0.032**		0.0051	0.0015	mg/Kg	☼	11/25/24 17:30	12/05/24 17:39	1
Dibenz(a,h)anthracene	ND		0.0056	0.00074	mg/Kg	☼	11/25/24 17:30	12/05/24 17:39	1
Indeno[1,2,3-cd]pyrene	**0.017**		0.0056	0.0022	mg/Kg	☼	11/25/24 17:30	12/05/24 17:39	1
Naphthalene	ND		0.0051	0.0017	mg/Kg	☼	11/25/24 17:30	12/05/24 17:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*95*		*57 - 145*	*11/25/24 17:30*	*12/05/24 17:39*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**72**		2.7	0.41	mg/Kg		12/04/24 13:16	12/06/24 16:06	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	**1.0**				NONE			12/02/24 10:47	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**90.0**		0.1	0.1	%			11/26/24 09:38	1
Percent Moisture (SM22 2540G)	**10.0**		0.1	0.1	%			11/26/24 09:38	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Client Sample ID: C_56_1.5

Date Collected: 11/15/24 12:45
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-5

Matrix: Solid

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	73		2.9	0.42	mg/Kg		12/04/24 13:16	12/06/24 16:09	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	1.0				NONE			12/02/24 10:47	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	87.7		0.1	0.1	%			11/26/24 09:38	1
Percent Moisture (SM22 2540G)	12.3		0.1	0.1	%			11/26/24 09:38	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Client Sample ID: C_50_1.5
Date Collected: 11/15/24 14:20
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-6
Matrix: Solid
Percent Solids: 90.4

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.0045	J	0.0059	0.0025	mg/Kg	☼	11/25/24 17:30	12/05/24 18:03	1
2-Methylnaphthalene	0.011		0.0064	0.0031	mg/Kg	☼	11/25/24 17:30	12/05/24 18:03	1
Benzo[a]anthracene	0.11		0.0059	0.0024	mg/Kg	☼	11/25/24 17:30	12/05/24 18:03	1
Benzo[a]pyrene	0.21		0.0059	0.0020	mg/Kg	☼	11/25/24 17:30	12/05/24 18:03	1
Benzo[b]fluoranthene	0.20		0.0053	0.0012	mg/Kg	☼	11/25/24 17:30	12/05/24 18:03	1
Benzo[k]fluoranthene	0.066		0.0059	0.0019	mg/Kg	☼	11/25/24 17:30	12/05/24 18:03	1
Chrysene	0.15		0.0053	0.0016	mg/Kg	☼	11/25/24 17:30	12/05/24 18:03	1
Dibenz(a,h)anthracene	ND		0.0059	0.00077	mg/Kg	☼	11/25/24 17:30	12/05/24 18:03	1
Indeno[1,2,3-cd]pyrene	0.074		0.0059	0.0023	mg/Kg	☼	11/25/24 17:30	12/05/24 18:03	1
Naphthalene	0.014		0.0053	0.0017	mg/Kg	☼	11/25/24 17:30	12/05/24 18:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*93*		*57 - 145*	*11/25/24 17:30*	*12/05/24 18:03*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	78		3.0	0.44	mg/Kg		12/04/24 13:16	12/06/24 16:16	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	1.0				NONE			12/02/24 10:47	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	90.4		0.1	0.1	%			11/26/24 09:58	1
Percent Moisture (SM22 2540G)	9.6		0.1	0.1	%			11/26/24 09:58	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Client Sample ID: C_48_1.5
Date Collected: 11/15/24 14:40
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-7
Matrix: Solid
Percent Solids: 88.9

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0061	0.0026	mg/Kg	☼	11/25/24 17:30	12/05/24 18:27	1
2-Methylnaphthalene	ND		0.0066	0.0033	mg/Kg	☼	11/25/24 17:30	12/05/24 18:27	1
Benzo[a]anthracene	**0.11**		0.0061	0.0025	mg/Kg	☼	11/25/24 17:30	12/05/24 18:27	1
Benzo[a]pyrene	**0.21**		0.0061	0.0021	mg/Kg	☼	11/25/24 17:30	12/05/24 18:27	1
Benzo[b]fluoranthene	**0.20**		0.0055	0.0013	mg/Kg	☼	11/25/24 17:30	12/05/24 18:27	1
Benzo[k]fluoranthene	**0.071**		0.0061	0.0019	mg/Kg	☼	11/25/24 17:30	12/05/24 18:27	1
Chrysene	**0.15**		0.0055	0.0017	mg/Kg	☼	11/25/24 17:30	12/05/24 18:27	1
Dibenz(a,h)anthracene	ND		0.0061	0.00080	mg/Kg	☼	11/25/24 17:30	12/05/24 18:27	1
Indeno[1,2,3-cd]pyrene	**0.080**		0.0061	0.0024	mg/Kg	☼	11/25/24 17:30	12/05/24 18:27	1
Naphthalene	ND		0.0055	0.0018	mg/Kg	☼	11/25/24 17:30	12/05/24 18:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*97*		*57 - 145*	*11/25/24 17:30*	*12/05/24 18:27*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**320**		2.8	0.41	mg/Kg		12/04/24 13:16	12/06/24 16:13	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	**1.0**				NONE			12/02/24 10:47	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**88.9**		0.1	0.1	%			11/26/24 09:58	1
Percent Moisture (SM22 2540G)	**11.1**		0.1	0.1	%			11/26/24 09:58	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Client Sample ID: C_69_1.5
Date Collected: 11/15/24 13:00
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-8
Matrix: Solid
Percent Solids: 89.2

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0061	0.0027	mg/Kg	☼	11/25/24 17:30	12/05/24 18:51	1
2-Methylnaphthalene	ND		0.0067	0.0033	mg/Kg	☼	11/25/24 17:30	12/05/24 18:51	1
Benzo[a]anthracene	**0.28**		0.0061	0.0025	mg/Kg	☼	11/25/24 17:30	12/05/24 18:51	1
Benzo[a]pyrene	**0.60**		0.0061	0.0021	mg/Kg	☼	11/25/24 17:30	12/05/24 18:51	1
Benzo[b]fluoranthene	**0.68**		0.0056	0.0013	mg/Kg	☼	11/25/24 17:30	12/05/24 18:51	1
Benzo[k]fluoranthene	**0.23**		0.0061	0.0019	mg/Kg	☼	11/25/24 17:30	12/05/24 18:51	1
Chrysene	**0.34**		0.0056	0.0017	mg/Kg	☼	11/25/24 17:30	12/05/24 18:51	1
Dibenz(a,h)anthracene	ND		0.0061	0.00080	mg/Kg	☼	11/25/24 17:30	12/05/24 18:51	1
Indeno[1,2,3-cd]pyrene	**0.29**		0.0061	0.0024	mg/Kg	☼	11/25/24 17:30	12/05/24 18:51	1
Naphthalene	ND		0.0056	0.0018	mg/Kg	☼	11/25/24 17:30	12/05/24 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*94*		*57 - 145*	*11/25/24 17:30*	*12/05/24 18:51*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**100**		2.8	0.42	mg/Kg		12/04/24 13:16	12/06/24 16:27	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	**1.0**				NONE			12/02/24 10:47	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**89.2**		0.1	0.1	%			11/26/24 09:58	1
Percent Moisture (SM22 2540G)	**10.8**		0.1	0.1	%			11/26/24 09:58	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Client Sample ID: CL_88_1.5
Date Collected: 11/15/24 10:00
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-9
Matrix: Solid

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	10		5.8	0.48	mg/Kg		12/04/24 13:16	12/06/24 16:23	4
Lead	270		2.9	0.43	mg/Kg		12/04/24 13:16	12/06/24 16:23	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	1.0				NONE			12/02/24 10:47	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	87.0		0.1	0.1	%			11/26/24 09:58	1
Percent Moisture (SM22 2540G)	13.0		0.1	0.1	%			11/26/24 09:58	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Client Sample ID: C_86b_1.5

Date Collected: 11/15/24 00:00
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-10

Matrix: Solid

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	240		2.9	0.42	mg/Kg		12/19/24 16:13	12/20/24 15:19	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	1.0				NONE			12/16/24 15:59	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	88.0		0.1	0.1	%			12/23/24 14:01	1
Percent Moisture (SM22 2540G)	12.0		0.1	0.1	%			12/23/24 14:01	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Client Sample ID: C_86c_1.5

Date Collected: 11/15/24 00:00
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-11

Matrix: Solid

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	210		2.9	0.43	mg/Kg		12/19/24 16:13	12/20/24 15:22	4

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Incremented sample generated (EPA Increment, prep)	1.0				NONE			12/16/24 15:59	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	89.0		0.1	0.1	%			12/23/24 14:01	1
Percent Moisture (SM22 2540G)	11.0		0.1	0.1	%			12/23/24 14:01	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Client Sample ID: C_100b_1.5
Date Collected: 11/15/24 00:00
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-12
Matrix: Solid
Percent Solids: 90.4

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND	H	0.0058	0.0025	mg/Kg	☼	12/16/24 17:25	12/18/24 16:52	1
2-Methylnaphthalene	ND	H	0.0064	0.0031	mg/Kg	☼	12/16/24 17:25	12/18/24 16:52	1
Benzo[a]anthracene	**0.10**	**H**	0.0058	0.0024	mg/Kg	☼	12/16/24 17:25	12/18/24 16:52	1
Benzo[a]pyrene	**0.17**	**H**	0.0058	0.0020	mg/Kg	☼	12/16/24 17:25	12/18/24 16:52	1
Benzo[b]fluoranthene	**0.18**	**H**	0.0053	0.0012	mg/Kg	☼	12/16/24 17:25	12/18/24 16:52	1
Benzo[k]fluoranthene	**0.093**	**H**	0.0058	0.0018	mg/Kg	☼	12/16/24 17:25	12/18/24 16:52	1
Chrysene	**0.14**	**H**	0.0053	0.0016	mg/Kg	☼	12/16/24 17:25	12/18/24 16:52	1
Dibenz(a,h)anthracene	ND	H	0.0058	0.00076	mg/Kg	☼	12/16/24 17:25	12/18/24 16:52	1
Indeno[1,2,3-cd]pyrene	**0.10**	**H**	0.0058	0.0023	mg/Kg	☼	12/16/24 17:25	12/18/24 16:52	1
Naphthalene	ND	H	0.0053	0.0017	mg/Kg	☼	12/16/24 17:25	12/18/24 16:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*100*		*57 - 145*	*12/16/24 17:25*	*12/18/24 16:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**90.4**		0.1	0.1	%			12/17/24 08:59	1
Percent Moisture (SM22 2540G)	**9.6**		0.1	0.1	%			12/17/24 08:59	1

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Client Sample ID: C_100c_1.5
Date Collected: 11/15/24 00:00
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-13
Matrix: Solid
Percent Solids: 90.6

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND	H	0.0057	0.0025	mg/Kg	☼	12/16/24 17:25	12/18/24 16:28	1
2-Methylnaphthalene	ND	H	0.0062	0.0031	mg/Kg	☼	12/16/24 17:25	12/18/24 16:28	1
Benzo[a]anthracene	ND	H	0.0057	0.0023	mg/Kg	☼	12/16/24 17:25	12/18/24 16:28	1
Benzo[a]pyrene	**0.056**	**H**	0.0057	0.0020	mg/Kg	☼	12/16/24 17:25	12/18/24 16:28	1
Benzo[b]fluoranthene	**0.053**	**H**	0.0052	0.0012	mg/Kg	☼	12/16/24 17:25	12/18/24 16:28	1
Benzo[k]fluoranthene	**0.020**	**H**	0.0057	0.0018	mg/Kg	☼	12/16/24 17:25	12/18/24 16:28	1
Chrysene	**0.046**	**H**	0.0052	0.0016	mg/Kg	☼	12/16/24 17:25	12/18/24 16:28	1
Dibenz(a,h)anthracene	ND	H	0.0057	0.00075	mg/Kg	☼	12/16/24 17:25	12/18/24 16:28	1
Indeno[1,2,3-cd]pyrene	**0.031**	**H**	0.0057	0.0023	mg/Kg	☼	12/16/24 17:25	12/18/24 16:28	1
Naphthalene	ND	H	0.0052	0.0017	mg/Kg	☼	12/16/24 17:25	12/18/24 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*94*		*57 - 145*	*12/16/24 17:25*	*12/18/24 16:28*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**90.7**		0.1	0.1	%			12/17/24 08:59	1
Percent Moisture (SM22 2540G)	**9.4**		0.1	0.1	%			12/17/24 08:59	1

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

Lab Sample ID: MB 580-478935/1-A
Matrix: Solid
Analysis Batch: 479597

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 478935

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0055	0.0024	mg/Kg		11/25/24 17:30	12/05/24 10:26	1
2-Methylnaphthalene	ND		0.0060	0.0030	mg/Kg		11/25/24 17:30	12/05/24 10:26	1
Benzo[a]anthracene	ND		0.0055	0.0022	mg/Kg		11/25/24 17:30	12/05/24 10:26	1
Benzo[a]pyrene	ND		0.0055	0.0019	mg/Kg		11/25/24 17:30	12/05/24 10:26	1
Benzo[b]fluoranthene	ND		0.0050	0.0012	mg/Kg		11/25/24 17:30	12/05/24 10:26	1
Benzo[k]fluoranthene	ND		0.0055	0.0017	mg/Kg		11/25/24 17:30	12/05/24 10:26	1
Chrysene	ND		0.0050	0.0015	mg/Kg		11/25/24 17:30	12/05/24 10:26	1
Dibenz(a,h)anthracene	ND		0.0055	0.00072	mg/Kg		11/25/24 17:30	12/05/24 10:26	1
Indeno[1,2,3-cd]pyrene	ND		0.0055	0.0022	mg/Kg		11/25/24 17:30	12/05/24 10:26	1
Naphthalene	ND		0.0050	0.0016	mg/Kg		11/25/24 17:30	12/05/24 10:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*92*		*57 - 145*	*11/25/24 17:30*	*12/05/24 10:26*	*1*

Lab Sample ID: LCS 580-478935/2-A
Matrix: Solid
Analysis Batch: 479597

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 478935

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	2.00	1.84		mg/Kg		92	64 - 120
2-Methylnaphthalene	2.00	1.99		mg/Kg		99	64 - 120
Benzo[a]anthracene	2.00	1.68		mg/Kg		84	66 - 127
Benzo[a]pyrene	2.00	1.91		mg/Kg		96	66 - 124
Benzo[b]fluoranthene	2.00	1.79		mg/Kg		89	54 - 122
Benzo[k]fluoranthene	2.00	1.81		mg/Kg		91	51 - 131
Chrysene	2.00	1.64		mg/Kg		82	57 - 128
Dibenz(a,h)anthracene	2.00	1.93		mg/Kg		96	64 - 133
Indeno[1,2,3-cd]pyrene	2.00	1.83		mg/Kg		91	63 - 132
Naphthalene	2.00	1.76		mg/Kg		88	65 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14	*93*		*57 - 145*

Lab Sample ID: MB 580-480604/1-A
Matrix: Solid
Analysis Batch: 480811

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 480604

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.0055	0.0024	mg/Kg		12/16/24 14:33	12/18/24 14:01	1
2-Methylnaphthalene	ND		0.0060	0.0030	mg/Kg		12/16/24 14:33	12/18/24 14:01	1
Benzo[a]anthracene	ND		0.0055	0.0022	mg/Kg		12/16/24 14:33	12/18/24 14:01	1
Benzo[a]pyrene	ND		0.0055	0.0019	mg/Kg		12/16/24 14:33	12/18/24 14:01	1
Benzo[b]fluoranthene	ND		0.0050	0.0012	mg/Kg		12/16/24 14:33	12/18/24 14:01	1
Benzo[k]fluoranthene	ND		0.0055	0.0017	mg/Kg		12/16/24 14:33	12/18/24 14:01	1
Chrysene	ND		0.0050	0.0015	mg/Kg		12/16/24 14:33	12/18/24 14:01	1
Dibenz(a,h)anthracene	ND		0.0055	0.00072	mg/Kg		12/16/24 14:33	12/18/24 14:01	1
Indeno[1,2,3-cd]pyrene	ND		0.0055	0.0022	mg/Kg		12/16/24 14:33	12/18/24 14:01	1
Naphthalene	ND		0.0050	0.0016	mg/Kg		12/16/24 14:33	12/18/24 14:01	1

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14	94		57 - 145	12/16/24 14:33	12/18/24 14:01	1

Lab Sample ID: LCS 580-480604/2-A
Matrix: Solid
Analysis Batch: 480811

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 480604

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	2.00	1.49		mg/Kg		75	64 - 120
2-Methylnaphthalene	2.00	1.61		mg/Kg		80	64 - 120
Benzo[a]anthracene	2.00	1.34		mg/Kg		67	66 - 127
Benzo[a]pyrene	2.00	1.59		mg/Kg		79	66 - 124
Benzo[b]fluoranthene	2.00	1.48		mg/Kg		74	54 - 122
Benzo[k]fluoranthene	2.00	1.61		mg/Kg		81	51 - 131
Chrysene	2.00	1.38		mg/Kg		69	57 - 128
Dibenz(a,h)anthracene	2.00	1.46		mg/Kg		73	64 - 133
Indeno[1,2,3-cd]pyrene	2.00	1.37		mg/Kg		69	63 - 132
Naphthalene	2.00	1.44		mg/Kg		72	65 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Terphenyl-d14	67		57 - 145

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 350-3690/22-A
Matrix: Solid
Analysis Batch: 3747

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3690

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.12	mg/Kg		12/04/24 13:16	12/06/24 14:27	1
Lead	ND		0.75	0.11	mg/Kg		12/04/24 13:16	12/06/24 14:27	1

Lab Sample ID: LCS 350-3690/23-A
Matrix: Solid
Analysis Batch: 3747

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3690

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	25.0	23.6		mg/Kg		94	80 - 120
Lead	25.0	24.2		mg/Kg		97	80 - 120

Lab Sample ID: MB 350-4016/7-A
Matrix: Solid
Analysis Batch: 4058

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 4016

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.75	0.11	mg/Kg		12/19/24 16:13	12/20/24 14:40	1

Lab Sample ID: LCS 350-4016/8-A
Matrix: Solid
Analysis Batch: 4058

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 4016

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	25.0	24.2		mg/Kg		97	80 - 120

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

Lab Sample ID: LCSD 350-4016/9-A
Matrix: Solid
Analysis Batch: 4058

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 4016

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead			25.0	24.0		mg/Kg		96	80 - 120	1	20

Method: 2540G - SM 2540G

Lab Sample ID: 580-145968-11 DU
Matrix: Solid
Analysis Batch: 481240

Client Sample ID: C_86c_1.5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	89.0			88.2		%				0.9	20
Percent Moisture	11.0			11.8		%				7	20

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Client Sample ID: C_100_1.5
Date Collected: 11/15/24 12:00
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			479279	MJ	EET SSM	12/02/24 10:47
Total/NA	Prep	3050B			3690	J1H	EET SSM	12/04/24 13:16
Total/NA	Analysis	6010D		4	3767	JLS	EET SSM	12/06/24 15:55
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:47
Total/NA	Analysis	2540G		1	478973	B1M	EET SEA	11/26/24 09:58
Total/NA	Analysis	Increment, prep		1	479279	MJ	EET SEA	12/02/24 10:47

Client Sample ID: C_100_1.5
Date Collected: 11/15/24 12:00
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-1
Matrix: Solid
Percent Solids: 91.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:47
Total/NA	Prep	3546			478935	KI	EET SEA	11/25/24 17:30
Total/NA	Analysis	8270E SIM		1	479597	CB	EET SEA	12/05/24 16:51

Client Sample ID: C_86_1.5
Date Collected: 11/15/24 12:20
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			479279	MJ	EET SSM	12/02/24 10:47
Total/NA	Prep	3050B			3690	J1H	EET SSM	12/04/24 13:16
Total/NA	Analysis	6010D		4	3747	JLS	EET SSM	12/06/24 15:31
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:47
Total/NA	Analysis	2540G		1	478973	B1M	EET SEA	11/26/24 09:58
Total/NA	Analysis	Increment, prep		1	479279	MJ	EET SEA	12/02/24 10:47

Client Sample ID: C_86_1.5
Date Collected: 11/15/24 12:20
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-2
Matrix: Solid
Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:47
Total/NA	Prep	3546			478935	KI	EET SEA	11/25/24 17:30
Total/NA	Analysis	8270E SIM		1	479597	CB	EET SEA	12/05/24 17:15

Client Sample ID: C_72_1.5
Date Collected: 11/15/24 13:40
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			479279	MJ	EET SSM	12/02/24 10:47
Total/NA	Prep	3050B			3690	J1H	EET SSM	12/04/24 13:16
Total/NA	Analysis	6010D		4	3767	JLS	EET SSM	12/06/24 16:02

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Client Sample ID: C_72_1.5
Date Collected: 11/15/24 13:40
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:47
Total/NA	Analysis	2540G		1	478970	B1M	EET SEA	11/26/24 09:38
Total/NA	Analysis	Increment, prep		1	479279	MJ	EET SEA	12/02/24 10:47

Client Sample ID: C_74_1.5
Date Collected: 11/15/24 12:35
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			479279	MJ	EET SSM	12/02/24 10:47
Total/NA	Prep	3050B			3690	J1H	EET SSM	12/04/24 13:16
Total/NA	Analysis	6010D		4	3767	JLS	EET SSM	12/06/24 16:06
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:47
Total/NA	Analysis	2540G		1	478970	B1M	EET SEA	11/26/24 09:38
Total/NA	Analysis	Increment, prep		1	479279	MJ	EET SEA	12/02/24 10:47

Client Sample ID: C_74_1.5
Date Collected: 11/15/24 12:35
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-4
Matrix: Solid
Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:47
Total/NA	Prep	3546			478935	KI	EET SEA	11/25/24 17:30
Total/NA	Analysis	8270E SIM		1	479597	CB	EET SEA	12/05/24 17:39

Client Sample ID: C_56_1.5
Date Collected: 11/15/24 12:45
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			479279	MJ	EET SSM	12/02/24 10:47
Total/NA	Prep	3050B			3690	J1H	EET SSM	12/04/24 13:16
Total/NA	Analysis	6010D		4	3767	JLS	EET SSM	12/06/24 16:09
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:47
Total/NA	Analysis	2540G		1	478970	B1M	EET SEA	11/26/24 09:38
Total/NA	Analysis	Increment, prep		1	479279	MJ	EET SEA	12/02/24 10:47

Client Sample ID: C_50_1.5
Date Collected: 11/15/24 14:20
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			479279	MJ	EET SSM	12/02/24 10:47
Total/NA	Prep	3050B			3690	J1H	EET SSM	12/04/24 13:16
Total/NA	Analysis	6010D		4	3767	JLS	EET SSM	12/06/24 16:16

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Client Sample ID: C_50_1.5
Date Collected: 11/15/24 14:20
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:47
Total/NA	Analysis	2540G		1	478973	B1M	EET SEA	11/26/24 09:58
Total/NA	Analysis	Increment, prep		1	479279	MJ	EET SEA	12/02/24 10:47

Client Sample ID: C_50_1.5
Date Collected: 11/15/24 14:20
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-6
Matrix: Solid
Percent Solids: 90.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:47
Total/NA	Prep	3546			478935	KI	EET SEA	11/25/24 17:30
Total/NA	Analysis	8270E SIM		1	479597	CB	EET SEA	12/05/24 18:03

Client Sample ID: C_48_1.5
Date Collected: 11/15/24 14:40
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			479279	MJ	EET SSM	12/02/24 10:47
Total/NA	Prep	3050B			3690	J1H	EET SSM	12/04/24 13:16
Total/NA	Analysis	6010D		4	3767	JLS	EET SSM	12/06/24 16:13
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:47
Total/NA	Analysis	2540G		1	478973	B1M	EET SEA	11/26/24 09:58
Total/NA	Analysis	Increment, prep		1	479279	MJ	EET SEA	12/02/24 10:47

Client Sample ID: C_48_1.5
Date Collected: 11/15/24 14:40
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-7
Matrix: Solid
Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:47
Total/NA	Prep	3546			478935	KI	EET SEA	11/25/24 17:30
Total/NA	Analysis	8270E SIM		1	479597	CB	EET SEA	12/05/24 18:27

Client Sample ID: C_69_1.5
Date Collected: 11/15/24 13:00
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			479279	MJ	EET SSM	12/02/24 10:47
Total/NA	Prep	3050B			3690	J1H	EET SSM	12/04/24 13:16
Total/NA	Analysis	6010D		4	3767	JLS	EET SSM	12/06/24 16:27
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:47
Total/NA	Analysis	2540G		1	478973	B1M	EET SEA	11/26/24 09:58
Total/NA	Analysis	Increment, prep		1	479279	MJ	EET SEA	12/02/24 10:47

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Client Sample ID: C_69_1.5

Date Collected: 11/15/24 13:00
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-8
Matrix: Solid
Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:47
Total/NA	Prep	3546			478935	KI	EET SEA	11/25/24 17:30
Total/NA	Analysis	8270E SIM		1	479597	CB	EET SEA	12/05/24 18:51

Client Sample ID: CL_88_1.5

Date Collected: 11/15/24 10:00
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			479279	MJ	EET SSM	12/02/24 10:47
Total/NA	Prep	3050B			3690	J1H	EET SSM	12/04/24 13:16
Total/NA	Analysis	6010D		4	3767	JLS	EET SSM	12/06/24 16:23
Total/NA	ISM Prep	Increment, prep			478874	MJ	EET SEA	11/25/24 11:47
Total/NA	Analysis	2540G		1	478973	B1M	EET SEA	11/26/24 09:58
Total/NA	Analysis	Increment, prep		1	479279	MJ	EET SEA	12/02/24 10:47

Client Sample ID: C_86b_1.5

Date Collected: 11/15/24 00:00
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			480649	TOA	EET SSM	12/16/24 15:59
Total/NA	Prep	3050B			4016	MCMS	EET SSM	12/19/24 16:13
Total/NA	Analysis	6010D		4	4058	JLS	EET SSM	12/20/24 15:19
Total/NA	ISM Prep	Increment, prep			480650	TOA	EET SEA	12/18/24 08:39
Total/NA	Analysis	2540G		1	481240	NH	EET SEA	12/23/24 14:01
Total/NA	Analysis	Increment, prep		1	480649	TOA	EET SEA	12/16/24 15:59

Client Sample ID: C_86c_1.5

Date Collected: 11/15/24 00:00
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Increment, prep			480649	TOA	EET SSM	12/16/24 15:59
Total/NA	Prep	3050B			4016	MCMS	EET SSM	12/19/24 16:13
Total/NA	Analysis	6010D		4	4058	JLS	EET SSM	12/20/24 15:22
Total/NA	ISM Prep	Increment, prep			480650	TOA	EET SEA	12/18/24 08:39
Total/NA	Analysis	2540G		1	481240	NH	EET SEA	12/23/24 14:01
Total/NA	Analysis	Increment, prep		1	480649	TOA	EET SEA	12/16/24 15:59

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Client Sample ID: C_100b_1.5
Date Collected: 11/15/24 00:00
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			480650	TOA	EET SEA	12/16/24 16:15
Total/NA	Analysis	2540G		1	480673	NH	EET SEA	12/17/24 08:59

Client Sample ID: C_100b_1.5
Date Collected: 11/15/24 00:00
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-12
Matrix: Solid
Percent Solids: 90.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			480650	TOA	EET SEA	12/16/24 16:15
Total/NA	Prep	3546			480604	KI	EET SEA	12/16/24 17:25
Total/NA	Analysis	8270E SIM		1	480811	CB	EET SEA	12/18/24 16:52

Client Sample ID: C_100c_1.5
Date Collected: 11/15/24 00:00
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			480650	TOA	EET SEA	12/16/24 16:15
Total/NA	Analysis	2540G		1	480673	NH	EET SEA	12/17/24 08:59

Client Sample ID: C_100c_1.5
Date Collected: 11/15/24 00:00
Date Received: 11/19/24 09:55

Lab Sample ID: 580-145968-13
Matrix: Solid
Percent Solids: 90.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	ISM Prep	Increment, prep			480650	TOA	EET SEA	12/16/24 16:15
Total/NA	Prep	3546			480604	KI	EET SEA	12/16/24 17:25
Total/NA	Analysis	8270E SIM		1	480811	CB	EET SEA	12/18/24 16:28

Laboratory References:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

EET SSM = Eurofins Seattle Specialty Metals, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Laboratory: Eurofins Seattle

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C788-24	07-13-25

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

Analysis Method	Prep Method	Matrix	Analyte
2540G		Solid	Percent Solids
Increment, prep		Solid	Incremented sample generated

Laboratory: Eurofins Seattle Specialty Metals

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-004	02-19-25
ANAB	Dept. of Defense ELAP	L2236	01-19-25
ANAB	ISO/IEC 17025	L2236	01-19-25
California	State	2954	07-07-25
Florida	NELAP	E87575	06-30-25
Louisiana (All)	NELAP	03073	06-30-25
Maine	State	WA01273	05-02-26
New Jersey	NELAP	WA014	06-30-25
New York	NELAP	11662	04-01-25
Oregon	NELAP	4167-008	07-07-25
US Fish & Wildlife	US Federal Programs	A20571	06-30-25
USDA	US Federal Programs	525-23-4-22573	01-04-26
Washington	State	C788-23a	07-13-25
Wisconsin	State	399133460	07-31-25

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 580-145968-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-145968-1	C_100_1.5	Solid	11/15/24 12:00	11/19/24 09:55
580-145968-2	C_86_1.5	Solid	11/15/24 12:20	11/19/24 09:55
580-145968-3	C_72_1.5	Solid	11/15/24 13:40	11/19/24 09:55
580-145968-4	C_74_1.5	Solid	11/15/24 12:35	11/19/24 09:55
580-145968-5	C_56_1.5	Solid	11/15/24 12:45	11/19/24 09:55
580-145968-6	C_50_1.5	Solid	11/15/24 14:20	11/19/24 09:55
580-145968-7	C_48_1.5	Solid	11/15/24 14:40	11/19/24 09:55
580-145968-8	C_69_1.5	Solid	11/15/24 13:00	11/19/24 09:55
580-145968-9	CL_88_1.5	Solid	11/15/24 10:00	11/19/24 09:55
580-145968-10	C_86b_1.5	Solid	11/15/24 00:00	11/19/24 09:55
580-145968-11	C_86c_1.5	Solid	11/15/24 00:00	11/19/24 09:55
580-145968-12	C_100b_1.5	Solid	11/15/24 00:00	11/19/24 09:55
580-145968-13	C_100c_1.5	Solid	11/15/24 00:00	11/19/24 09:55

HALEY ALDRICH
Haley & Aldrich, Inc.
505 W. Riverside,
Suite 450,
Spokane Wa, 99201

CHAIN OF CUSTODY RECORD

Phone (617) 8886-7400
Fax (617) 8886-7600

Page 1 of 1 (2nd)

H&A FILE NO.	0202349	LABORATORY	Eurofins
PROJECT NAME	CVSD	ADDRESS	5755 8th St, East Tacoma, WA, 98424
H&A CONTACT	Breeyn Greer	CONTACT	
DELIVERY DATE	11/18/24		
TURNAROUND TIME	Standard		
PROJECT MANAGER	Breeyn Greer		

Sample No.	Date	Time	Depth	Type	Pb EPA 6020	As EPA 6020	cPAH Analysis Spec. List	TSM Processing	Number of Containers
C_100_1.5	11-15-24	12:00	1.5 ft	Soil	X		X	X	
C_86_1.5		12:20	1.5 ft		X		X	X	
C_72_1.5		13:40	1.5 ft		X	X		X	
C_74_1.5		12:35	1.5 ft		X		X	X	
C_56_1.5		12:45	1.5 ft		X			X	
C_50_1.5		14:20	1.5 ft		X		X	X	
C_48_1.5		14:40	1.5 ft		X		X	X	
C_69_1.5		13:00	1.5 ft		X		X	X	
CL_88_1		10:00	1 ft		X	X	X	X	

Analysis Requested

Comments (special instructions, precautions, additional method numbers, etc.)

Archive for 1 month

Sampled and Relinquished by	Received by
Sign	Sign
Print Luke W. Peden	Print E Grover
Firm Haley & Aldrich	Firm EETN
Date 11/18/24 Time 13:40	Date 11/19/24 Time 0755

Relinquished by	Received by
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time

Relinquished by	Received by
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time

LIQUID	SOLID
VOA Vial	VOA Vial
Amber Glass	Amber Glass
Plastic Bottle	Clear Glass
Preservative	Preservative
Volume	Volume

Sampling Comments: Non-Hazardous

580-145968 Chain of Custody

Evidence samples were tampered with? YES NO

If YES, please explain in section below.

PRESERVATION KEY

A Sample chilled	C NaOH	E H_2SO_4	G Methanol
B Sample filtered	D HNO_3	F HCL	H Water/NaHSO4 (circle)

Presumptive Certainty Data Package (Laboratory to use applicable DEP CAM methods)

If Presumptive Certainty Data Package is needed, initial all sections:

_____ The required minimum field QC samples, as designated in BWSC CAM-VII have been or will be collected, as appropriate, to meet the requirements of Presumptive Certainty.

_____ Matrix Spike (MS) samples for MCP Metals and/or Cyanide are included and identified herein.

_____ This Chain of Custody Record (specify) _____ includes _____ does not include samples defined as Drinking Water Samples.

_____ If this Chain of Custody Record identifies samples defined as Drinking Water Samples, Trip Blanks and Field Duplicates are included and identified and analysis of TICs are required, as appropriate. Laboratory should (specify if applicable) _____ analyze

Required Reporting Limits and Data Quality Objectives

☐ RC-S1 ☐ S1 ☐ GW1
☐ RC-S2 ☐ S2 ☐ GW2
☐ RC-GW1 ☐ S3 ☐ GW3
☐ RC-GW2

WHITE - Laboratory CANARY - Project Manager PINK - Haley & Aldrich Laboratory

IR11 0.3/1.3 LB/None/Wet/UPSNDA

FEBRUARY 2016

Form 3003

12/23/2024 (Rev. 1)

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Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 580-145968-1

Login Number: 145968
List Number: 1
Creator: Groves, Elizabeth

List Source: Eurofins Seattle

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Elizabeth Webber-Bruya
Ann Webber-Bruya
Michael Erdahl
Vineta Mills
Eric Young

5500 4th Ave South
Seattle, WA 98108-2419
(206) 285-8282
office@friedmanandbruya.com
www.friedmanandbruya.com

January 20, 2025

Breeyn Greer, Project Manager
Haley & Aldrich, Inc
505 West Riverside Ave, Suite 450
Spokane, WA 99201

Dear Ms Greer:

Included are the results from the testing of material submitted on January 13, 2025 from the CVSD Gun Club 0202349-002, F&BI 501149 project. There are 5 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
c: Haley Aldrich Data
HNH0120R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on January 13, 2025 by Friedman & Bruya, Inc. from the Haley & Aldrich, Inc CVSD Gun Club 0202349-002, F&BI 501149 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Haley & Aldrich, Inc
501149 -01	CP_34_2

All quality control requirements were acceptable.

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_34_2	Client:	Haley & Aldrich, Inc
Date Received:	01/13/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/17/25	Lab ID:	501149-01 1/5
Date Analyzed:	01/17/25	Data File:	011719.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	144 d	50	150
Benz(a)anthracene-d12	137 d	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.037
1-Methylnaphthalene	0.15
2-Methylnaphthalene	0.12
Benz(a)anthracene	4.9
Chrysene	5.0
Benzo(a)pyrene	7.4
Benzo(b)fluoranthene	7.8
Benzo(k)fluoranthene	2.6
Indeno(1,2,3-cd)pyrene	5.5
Dibenz(a,h)anthracene	1.1

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	Method Blank	Client:	Haley & Aldrich, Inc
Date Received:	Not Applicable	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/17/25	Lab ID:	05-0192 mb
Date Analyzed:	01/17/25	Data File:	011708.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	101	50	150
Benz(a)anthracene-d12	100	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
1-Methylnaphthalene	<0.005
2-Methylnaphthalene	<0.005
Benz(a)anthracene	<0.005
Chrysene	<0.005
Benzo(a)pyrene	<0.005
Benzo(b)fluoranthene	<0.005
Benzo(k)fluoranthene	<0.005
Indeno(1,2,3-cd)pyrene	<0.005
Dibenz(a,h)anthracene	<0.005

Date of Report: 01/20/25
Date Received: 01/13/25
Project: CVSD Gun Club 0202349-002, F&BI 501149

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR PAHS BY EPA METHOD 8270E SIM

Laboratory Code: 501180-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.5	<0.005	92	92	50-150	0
2-Methylnaphthalene	mg/kg (ppm)	0.5	<0.005	82	85	50-150	4
1-Methylnaphthalene	mg/kg (ppm)	0.5	<0.005	86	88	50-150	2
Benz(a)anthracene	mg/kg (ppm)	0.5	0.16	93 b	115 b	50-150	21 b
Chrysene	mg/kg (ppm)	0.5	0.16	95 b	117 b	50-150	21 b
Benzo(b)fluoranthene	mg/kg (ppm)	0.5	0.26	92 b	134 b	50-150	37 b
Benzo(k)fluoranthene	mg/kg (ppm)	0.5	0.081	103	119	50-150	14
Benzo(a)pyrene	mg/kg (ppm)	0.5	0.20	87 b	126 b	50-150	37 b
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.5	0.16	100 b	119 b	50-150	17 b
Dibenz(a,h)anthracene	mg/kg (ppm)	0.5	0.030	99	94	50-150	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Naphthalene	mg/kg (ppm)	0.5	81	70-130
2-Methylnaphthalene	mg/kg (ppm)	0.5	83	70-130
1-Methylnaphthalene	mg/kg (ppm)	0.5	98	70-130
Benz(a)anthracene	mg/kg (ppm)	0.5	101	70-130
Chrysene	mg/kg (ppm)	0.5	103	70-130
Benzo(b)fluoranthene	mg/kg (ppm)	0.5	105	70-130
Benzo(k)fluoranthene	mg/kg (ppm)	0.5	97	70-130
Benzo(a)pyrene	mg/kg (ppm)	0.5	87	70-130
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.5	97	70-130
Dibenz(a,h)anthracene	mg/kg (ppm)	0.5	95	70-130

Data Qualifiers & Definitions

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

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

ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported between the method detection limit and the lowest calibration point. The value reported is an estimate.

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

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

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

k – The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

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

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

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

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

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

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

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

501149

~~SAMPLE~~ CHAIN OF CUSTODY

01/13/25 ISM/FI

Page # 1 of 1

Report To Breeyn Greer

Company

Address 505 West Riverside Ave. Ste 450

City, State, ZIP Spokane, WA 99201

Phone 612-232-7343 Email bgreer@haleyaldrich.com

SAMPLERS (*signature*) Cam Luckey

PROJECT NAME: CVSD Gun Club

PO #: 0202349-002

REMARKS: Project Specific Reporting List; 0.005 mg/Kg RL

Project Specific RLs - Yes / No

INVOICE TO: accountspayable@haleyaldrich.com

TURNAROUND TIME: Standard Turnaround / RUSH

Rush charges authorized by:

SAMPLE DISPOSAL: Dispose after 30 days / Archive Samples / Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	PAHs project specific List	ISM processing				Notes
CP_34_2	01	01-08-25	9:50	Soil	1							X	X				
									Samples received at 2 °C								

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Cam Luckey	Cameron Luckey	Haley + Aldrich	01-08-25	1221
Received by:	Anh Phan	FBI	01/13/25	15:05
Relinquished by:				
Received by:				

Friedman & Bruya, Inc.
5500 4th Avenue S
Seattle, WA 98108
Ph. (206) 285-8282

SAMPLE CONDITION UPON RECEIPT CHECKLIST

PROJECT # 501149 CLIENT HNA INITIALS/ DATE: AP 01/13/25

If custody seals are present on cooler, are they intact? ☐ NA ☐ YES ☑ NO

Cooler/Sample temperature 2 °C
Thermometer ID: Fluke 96312917

Were samples received on ice/cold packs? ☑ YES ☐ NO

How did samples arrive?
☐ Over the Counter ☐ Picked up by F&BI ☑ FedEx/UPS/GSO

Is there a Chain-of-Custody* (COC)? ☑ YES ☐ NO Initials/ Date: AP 01/13/25
*or other representative documents, letters, and/or shipping memos

Number of days samples have been sitting prior to receipt at laboratory 5 days

Are the samples clearly identified? (explain "no" answer below) ☑ YES ☐ NO

Were all sample containers received intact (i.e. not broken, leaking etc.)? (explain "no" answer below) ☑ YES ☐ NO

Were appropriate sample containers used? ☑ YES ☐ NO ☐ Unknown

If custody seals are present on samples, are they intact? ☑ NA ☐ YES ☐ NO

Are samples requiring no headspace, headspace free? ☑ NA ☐ YES ☐ NO

Is the following information provided on the COC, and does it match the sample label?
(explain "no" answer below)

Sample ID's	☑ Yes ☐ No	☐ Not on COC/label
Date Sampled	☑ Yes ☐ No	☐ Not on COC/label
Time Sampled	☑ Yes ☐ No	☐ Not on COC/label
# of Containers	☑ Yes ☐ No	
Relinquished	☑ Yes ☐ No	
Requested analysis	☑ Yes ☐ On Hold	

Other comments (use a separate page if needed)

Air Samples: Were any additional canisters/tubes received? ☑ NA ☐ YES ☐ NO

Number of unused TO15 canisters _____ Number of unused TO17 tubes _____

50 LBS 1 OF 1

CAMERON LUCKEY
5095080609
HALEY AND ALDRICH
505 W RIVERSIDE AVE
SPOKANE WA 99201

DWT: 36,24,12
AH

SHIP TO:
2062858282
FRIEDMAN & BRUYA, INC.
5500 4TH AVE S
SEATTLE WA 98108-2419

WA 981 9-04

UPS NEXT DAY AIR SAVER 1P

TRACKING #: 1Z K8J 639 NW 0720 6469

BILLING: P/P
ATTENTION UPS DRIVER: SHIPPER RELEASE

TM

Project Number: 0202349-002
Phase Number: 000 CS 24.9.00. WNTNV50 2.0A 01/2025*

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Elizabeth Webber-Bruya
Ann Webber-Bruya
Michael Erdahl
Vineta Mills
Eric Young

5500 4th Ave South
Seattle, WA 98108-2419
(206) 285-8282
office@friedmanandbruya.com
www.friedmanandbruya.com

January 22, 2025

Breeyn Greer, Project Manager
Haley & Aldrich, Inc
505 West Riverside Ave, Suite 450
Spokane, WA 99201

Dear Ms Greer:

Included are the results from the testing of material submitted on January 15, 2025 from the CVSD Gun Club 0202349-002, F&BI 501180 project. There are 25 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
c: Haley Aldrich Data
HNH0122R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on January 15, 2025 by Friedman & Bruya, Inc. from the Haley & Aldrich, Inc CVSD Gun Club 0202349-002, F&BI 501180 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Haley & Aldrich, Inc
501180 -01	C_17_3
501180 -02	C_40_3
501180 -03	C_23_3
501180 -04	C_30_3
501180 -05	C_45_3
501180 -06	C_29_3
501180 -07	C_21_3
501180 -08	C_32_3
501180 -09	C_41_3

All quality control requirements were acceptable.

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	C_17_3	Client:	Haley & Aldrich, Inc
Date Received:	01/15/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/17/25	Lab ID:	501180-01
Date Analyzed:	01/17/25	Data File:	011705.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	96	50	150
Benz(a)anthracene-d12	103	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.16
Chrysene	0.16
Benzo(a)pyrene	0.21
Benzo(b)fluoranthene	0.27
Benzo(k)fluoranthene	0.083
Indeno(1,2,3-cd)pyrene	0.16
Dibenz(a,h)anthracene	0.030

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	C_40_3	Client:	Haley & Aldrich, Inc
Date Received:	01/15/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/17/25	Lab ID:	501180-02
Date Analyzed:	01/17/25	Data File:	011710.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	94	50	150
Benz(a)anthracene-d12	120	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.0094
2-Methylnaphthalene	0.0085
1-Methylnaphthalene	0.0054
Benz(a)anthracene	0.97
Chrysene	1.1
Benzo(a)pyrene	1.4
Benzo(b)fluoranthene	1.5
Benzo(k)fluoranthene	0.48
Indeno(1,2,3-cd)pyrene	0.95
Dibenz(a,h)anthracene	0.19

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	C_23_3	Client:	Haley & Aldrich, Inc
Date Received:	01/15/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/17/25	Lab ID:	501180-03
Date Analyzed:	01/17/25	Data File:	011711.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	94	50	150
Benz(a)anthracene-d12	101	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.0088
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.55
Chrysene	0.58
Benzo(a)pyrene	0.77
Benzo(b)fluoranthene	0.85
Benzo(k)fluoranthene	0.28
Indeno(1,2,3-cd)pyrene	0.51
Dibenz(a,h)anthracene	0.098

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	C_30_3	Client:	Haley & Aldrich, Inc
Date Received:	01/15/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/17/25	Lab ID:	501180-04
Date Analyzed:	01/17/25	Data File:	011712.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	94	50	150
Benz(a)anthracene-d12	100	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.0098
2-Methylnaphthalene	0.0082
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.81
Chrysene	0.89
Benzo(a)pyrene	1.2
Benzo(b)fluoranthene	1.3
Benzo(k)fluoranthene	0.43
Indeno(1,2,3-cd)pyrene	0.83
Dibenz(a,h)anthracene	0.16

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	C_45_3	Client:	Haley & Aldrich, Inc
Date Received:	01/15/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/17/25	Lab ID:	501180-05
Date Analyzed:	01/17/25	Data File:	011713.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	100	50	150
Benz(a)anthracene-d12	112	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.0056
2-Methylnaphthalene	0.0051
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.66
Chrysene	0.71
Benzo(a)pyrene	0.95
Benzo(b)fluoranthene	0.91
Benzo(k)fluoranthene	0.32
Indeno(1,2,3-cd)pyrene	0.65
Dibenz(a,h)anthracene	0.14

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	C_29_3	Client:	Haley & Aldrich, Inc
Date Received:	01/15/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/17/25	Lab ID:	501180-06
Date Analyzed:	01/17/25	Data File:	011714.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	94	50	150
Benz(a)anthracene-d12	99	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.29
Chrysene	0.33
Benzo(a)pyrene	0.44
Benzo(b)fluoranthene	0.47
Benzo(k)fluoranthene	0.16
Indeno(1,2,3-cd)pyrene	0.33
Dibenz(a,h)anthracene	0.064

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	C_21_3	Client:	Haley & Aldrich, Inc
Date Received:	01/15/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/17/25	Lab ID:	501180-07
Date Analyzed:	01/17/25	Data File:	011715.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	94	50	150
Benz(a)anthracene-d12	106	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.012
2-Methylnaphthalene	0.011
1-Methylnaphthalene	0.0063
Benz(a)anthracene	1.4
Chrysene	1.5
Benzo(a)pyrene	2.0
Benzo(b)fluoranthene	2.0
Benzo(k)fluoranthene	0.72
Indeno(1,2,3-cd)pyrene	1.4
Dibenz(a,h)anthracene	0.27

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	C_32_3	Client:	Haley & Aldrich, Inc
Date Received:	01/15/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/17/25	Lab ID:	501180-08
Date Analyzed:	01/17/25	Data File:	011716.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	96	50	150
Benz(a)anthracene-d12	120	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.023
2-Methylnaphthalene	0.021
1-Methylnaphthalene	0.013
Benz(a)anthracene	3.7
Chrysene	3.6
Benzo(k)fluoranthene	1.8
Indeno(1,2,3-cd)pyrene	4.1
Dibenz(a,h)anthracene	0.75

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	C_32_3	Client:	Haley & Aldrich, Inc
Date Received:	01/15/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/17/25	Lab ID:	501180-08 1/10
Date Analyzed:	01/20/25	Data File:	012026.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	178 d	50	150
Benz(a)anthracene-d12	119 d	50	150

Compounds:	Concentration mg/kg (ppm)
Benzo(a)pyrene	5.6
Benzo(b)fluoranthene	6.0

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	C_41_3	Client:	Haley & Aldrich, Inc
Date Received:	01/15/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/17/25	Lab ID:	501180-09
Date Analyzed:	01/17/25	Data File:	011717.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	96	50	150
Benz(a)anthracene-d12	110	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.0062
2-Methylnaphthalene	0.0051
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.58
Chrysene	0.59
Benzo(a)pyrene	0.80
Benzo(b)fluoranthene	0.90
Benzo(k)fluoranthene	0.27
Indeno(1,2,3-cd)pyrene	0.60
Dibenz(a,h)anthracene	0.12

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	Method Blank	Client:	Haley & Aldrich, Inc
Date Received:	Not Applicable	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/17/25	Lab ID:	05-0192 mb
Date Analyzed:	01/17/25	Data File:	011708.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	101	50	150
Benz(a)anthracene-d12	100	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	<0.005
Chrysene	<0.005
Benzo(a)pyrene	<0.005
Benzo(b)fluoranthene	<0.005
Benzo(k)fluoranthene	<0.005
Indeno(1,2,3-cd)pyrene	<0.005
Dibenz(a,h)anthracene	<0.005

Analysis For Total Metals By EPA Method 6020B

Client ID:	C_17_3	Client:	Haley & Aldrich, Inc
Date Received:	01/15/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/17/25	Lab ID:	501180-01
Date Analyzed:	01/17/25	Data File:	501180-01.168
Matrix:	Soil	Instrument:	ICPMS3
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Lead	33

Analysis For Total Metals By EPA Method 6020B

Client ID:	C_40_3	Client:	Haley & Aldrich, Inc
Date Received:	01/15/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/17/25	Lab ID:	501180-02 x10
Date Analyzed:	01/21/25	Data File:	501180-02 x10.134
Matrix:	Soil	Instrument:	ICPMS3
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Lead	160

Analysis For Total Metals By EPA Method 6020B

Client ID:	C_23_3	Client:	Haley & Aldrich, Inc
Date Received:	01/15/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/17/25	Lab ID:	501180-03
Date Analyzed:	01/17/25	Data File:	501180-03.172
Matrix:	Soil	Instrument:	ICPMS3
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	11
Lead	62

Analysis For Total Metals By EPA Method 6020B

Client ID:	C_30_3	Client:	Haley & Aldrich, Inc
Date Received:	01/15/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/17/25	Lab ID:	501180-04
Date Analyzed:	01/17/25	Data File:	501180-04.173
Matrix:	Soil	Instrument:	ICPMS3
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	9.8

Analysis For Total Metals By EPA Method 6020B

Client ID:	C_30_3	Client:	Haley & Aldrich, Inc
Date Received:	01/15/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/17/25	Lab ID:	501180-04 x10
Date Analyzed:	01/21/25	Data File:	501180-04 x10.188
Matrix:	Soil	Instrument:	ICPMS3
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Lead	220

Analysis For Total Metals By EPA Method 6020B

Client ID:	C_45_3	Client:	Haley & Aldrich, Inc
Date Received:	01/15/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/17/25	Lab ID:	501180-05
Date Analyzed:	01/17/25	Data File:	501180-05.174
Matrix:	Soil	Instrument:	ICPMS3
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	9.5
Lead	97

Analysis For Total Metals By EPA Method 6020B

Client ID:	C_29_3	Client:	Haley & Aldrich, Inc
Date Received:	01/15/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/17/25	Lab ID:	501180-06
Date Analyzed:	01/17/25	Data File:	501180-06.175
Matrix:	Soil	Instrument:	ICPMS3
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	8.0
Lead	55

Analysis For Total Metals By EPA Method 6020B

Client ID:	C_32_3	Client:	Haley & Aldrich, Inc
Date Received:	01/15/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/17/25	Lab ID:	501180-08 x25
Date Analyzed:	01/21/25	Data File:	501180-08 x25.189
Matrix:	Soil	Instrument:	ICPMS3
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Lead	290

Analysis For Total Metals By EPA Method 6020B

Client ID:	C_41_3	Client:	Haley & Aldrich, Inc
Date Received:	01/15/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/17/25	Lab ID:	501180-09 x10
Date Analyzed:	01/21/25	Data File:	501180-09 x10.190
Matrix:	Soil	Instrument:	ICPMS3
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Lead	190

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Haley & Aldrich, Inc
Date Received:	Not Applicable	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/17/25	Lab ID:	I5-45 mb2
Date Analyzed:	01/17/25	Data File:	I5-45 mb2.159
Matrix:	Soil	Instrument:	ICPMS3
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Lead	<1

Date of Report: 01/22/25
Date Received: 01/15/25
Project: CVSD Gun Club 0202349-002, F&BI 501180

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR PAHS BY EPA METHOD 8270E SIM

Laboratory Code: 501180-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.5	<0.005	92	92	50-150	0
2-Methylnaphthalene	mg/kg (ppm)	0.5	<0.005	82	85	50-150	4
1-Methylnaphthalene	mg/kg (ppm)	0.5	<0.005	86	88	50-150	2
Benz(a)anthracene	mg/kg (ppm)	0.5	0.16	93 b	115 b	50-150	21 b
Chrysene	mg/kg (ppm)	0.5	0.16	95 b	117 b	50-150	21 b
Benzo(b)fluoranthene	mg/kg (ppm)	0.5	0.26	92 b	134 b	50-150	37 b
Benzo(k)fluoranthene	mg/kg (ppm)	0.5	0.081	103	119	50-150	14
Benzo(a)pyrene	mg/kg (ppm)	0.5	0.20	87 b	126 b	50-150	37 b
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.5	0.16	100 b	119 b	50-150	17 b
Dibenz(a,h)anthracene	mg/kg (ppm)	0.5	0.030	99	94	50-150	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Naphthalene	mg/kg (ppm)	0.5	81	70-130
2-Methylnaphthalene	mg/kg (ppm)	0.5	83	70-130
1-Methylnaphthalene	mg/kg (ppm)	0.5	98	70-130
Benz(a)anthracene	mg/kg (ppm)	0.5	101	70-130
Chrysene	mg/kg (ppm)	0.5	103	70-130
Benzo(b)fluoranthene	mg/kg (ppm)	0.5	105	70-130
Benzo(k)fluoranthene	mg/kg (ppm)	0.5	97	70-130
Benzo(a)pyrene	mg/kg (ppm)	0.5	87	70-130
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.5	97	70-130
Dibenz(a,h)anthracene	mg/kg (ppm)	0.5	95	70-130

Date of Report: 01/22/25
Date Received: 01/15/25
Project: CVSD Gun Club 0202349-002, F&BI 501180

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL METALS USING EPA METHOD 6020B

Laboratory Code: 501191-21 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	4.76	120 b	98 b	75-125	20 b
Lead	mg/kg (ppm)	50	60.6	103 b	73 b	75-125	34 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	98	80-120
Lead	mg/kg (ppm)	50	103	80-120

Data Qualifiers & Definitions

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

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

ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported between the method detection limit and the lowest calibration point. The value reported is an estimate.

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

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

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

k – The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

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

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

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

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

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

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

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

501180

SAMPLE CHAIN OF CUSTODY

01/15/25 ISM/FI

Page # 1 of 1

Report To Breeyn Greer

Company Haley+ Aldrich

Address 505 West Riverside Ave. Ste 450

City, State, ZIP Spokane, WA 99201

Phone 612-232-7343 Email bgreer@haleyaldrich.com

SAMPLERS (*signature*) Cam L.

PROJECT NAME: CVSD Gun Club

PO#: 0202349-002

REMARKS: Project Specific Reporting List; 0.005 mg/Kg RL

Project Specific RLs - Yes / No

INVOICE TO: accountspayable@haleyaldrich.com

TURNAROUND TIME: Standard Turnaround / RUSH

Rush charges authorized by:

SAMPLE DISPOSAL: Dispose after 30 days / Archive Samples / Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	TSM processing	cPAHs project specific list	PBEPA 6020	iAS EPA 6020		Notes
C_17_3	01	1-14-25	10:30	Soil	1							X	X	X			project specific list
C_40_3	02		12:30									X	X	X			
C_23_3	03		10:00									X	X	X	X		
C_30_3	04		12:00									X	X	X	X		
C_45_3	05		14:10									X	X	X	X		
C_29_3	06		11:30									X	X	X	X		
C_21_3	07		9:30									X	X				
C_32_3	08		13:00									X	X	X			
C_41_3	09		13:45									X	X	X			

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Cameron Luckey	Haley+Aldrich	1-14-25	15:30
Received by:	Anh Phan	FBI	01/15/25	11:40 AP
Relinquished by:		Samples received at 0 °C		
Received by:				

Friedman & Bruya, Inc.
5500 4th Avenue S
Seattle, WA 98108
Ph. (206) 285-8282

SAMPLE CONDITION UPON RECEIPT CHECKLIST

PROJECT # 501180 CLIENT HNA INITIALS/ DATE: AP 01/15/25

If custody seals are present on cooler, are they intact? ☑ NA ☐ YES ☐ NO

Cooler/Sample temperature 0 °C
Thermometer ID: Fluke 96312917

Were samples received on ice/cold packs? ☑ YES ☐ NO

How did samples arrive?
☐ Over the Counter ☐ Picked up by F&BI ☑ FedEx/UPS/GSO

Is there a Chain-of-Custody* (COC)? ☑ YES ☐ NO Initials/ Date: AP 01/15/25
*or other representative documents, letters, and/or shipping memos

Number of days samples have been sitting prior to receipt at laboratory 1 days

Are the samples clearly identified? (explain "no" answer below) ☑ YES ☐ NO

Were all sample containers received intact (i.e. not broken, leaking etc.)? (explain "no" answer below) ☑ YES ☐ NO

Were appropriate sample containers used? ☑ YES ☐ NO ☐ Unknown

If custody seals are present on samples, are they intact? ☑ NA ☐ YES ☐ NO

Are samples requiring no headspace, headspace free? ☑ NA ☐ YES ☐ NO

Is the following information provided on the COC, and does it match the sample label?
(explain "no" answer below)

Sample ID's	☑ Yes ☐ No	☐ Not on COC/label
Date Sampled	☑ Yes ☐ No	☐ Not on COC/label
Time Sampled	☑ Yes ☐ No	☐ Not on COC/label
# of Containers	☑ Yes ☐ No	
Relinquished	☑ Yes ☐ No	
Requested analysis	☑ Yes ☐ On Hold	

Other comments (use a separate page if needed)

Air Samples: Were any additional canisters/tubes received? ☑ NA ☐ YES ☐ NO

Number of unused TO15 canisters _____ **Number of unused TO17 tubes** _____

RYLIE SKELLENGER
5095080609
HALEY AND ALDRICH
505 W RIVERSIDE AVE
SPOKANE WA 99201

50 LBS

1 OF 1

DWT: 36,24,12
AH

SHIP TO:
2062858282
FRIEDMAN & BRUYA, INC.
5500 4TH AVE S
SEATTLE WA 98108-2419

WA 981 9-04

UPS NEXT DAY AIR SAVER

1P

TRACKING #: 1Z K8J 639 29 0801 2473

BILLING: P/P
SIGNATURE REQUIRED

Project Number: 0202349-002
Phase Number: 000

CS 24.9.00. WNTNV50 3.0A 01/2025*

TM

P: ORANGE S: 3100 I: OB3
OGC – 5312
X
2330
1ZK8J6392908O1 2473
VHT8CLF
WA8EA5JUDC JAN 15 06:50:27 2025
US 9811 H1P 24.3.1 ZD62AR

5500 4TH AVE S
INC.
SEATTLE WA 98108

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Elizabeth Webber-Bruya
Ann Webber-Bruya
Michael Erdahl
Vineta Mills
Eric Young

5500 4th Ave South
Seattle, WA 98108-2419
(206) 285-8282
office@friedmanandbruya.com
www.friedmanandbruya.com

January 23, 2025

Breeyn Greer, Project Manager
Haley & Aldrich, Inc
505 west Riverside Ave, Suite 450
Spokane, WA 99201

Dear Ms Greer:

Included are the results from the testing of material submitted on January 16, 2025 from the CVSD Gun Club 0202349, F&BI 501200 project. There are 19 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
c: Haley Aldrich Data
HNH0123R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on January 16, 2025 by Friedman & Bruya, Inc. from the Haley & Aldrich, Inc CVSD Gun Club 0202349, F&BI 501200 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Haley & Aldrich, Inc
501200 -01	C_20_3
501200 -02	C_24_3
501200 -03	C_31_3
501200 -04	C_38_3
501200 -05	C_39_3
501200 -06	C_50_3
501200 -07	C_48_3

All quality control requirements were acceptable.

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	C_20_3	Client:	Haley & Aldrich, Inc
Date Received:	01/16/25	Project:	CVSD Gun Club 0202349
Date Extracted:	01/22/25	Lab ID:	501200-01
Date Analyzed:	01/22/25	Data File:	012212.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	93	50	150
Benz(a)anthracene-d12	126	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.030
2-Methylnaphthalene	0.025
1-Methylnaphthalene	0.015
Benz(a)anthracene	3.4
Chrysene	3.5
Benzo(a)pyrene	4.9
Benzo(k)fluoranthene	1.7
Indeno(1,2,3-cd)pyrene	2.9
Dibenz(a,h)anthracene	0.72

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	C_20_3	Client:	Haley & Aldrich, Inc
Date Received:	01/16/25	Project:	CVSD Gun Club 0202349
Date Extracted:	01/22/25	Lab ID:	501200-01 1/10
Date Analyzed:	01/23/25	Data File:	012309.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	169 d	50	150
Benz(a)anthracene-d12	85 d	50	150

Compounds:	Concentration mg/kg (ppm)
Benzo(b)fluoranthene	4.5

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	C_24_3	Client:	Haley & Aldrich, Inc
Date Received:	01/16/25	Project:	CVSD Gun Club 0202349
Date Extracted:	01/22/25	Lab ID:	501200-02
Date Analyzed:	01/22/25	Data File:	012213.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	92	50	150
Benz(a)anthracene-d12	116	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.020
2-Methylnaphthalene	0.021
1-Methylnaphthalene	0.012
Benz(a)anthracene	2.2
Chrysene	2.1
Benzo(a)pyrene	3.1
Benzo(b)fluoranthene	3.3
Benzo(k)fluoranthene	0.92
Indeno(1,2,3-cd)pyrene	1.5
Dibenz(a,h)anthracene	0.34

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	C_38_3	Client:	Haley & Aldrich, Inc
Date Received:	01/16/25	Project:	CVSD Gun Club 0202349
Date Extracted:	01/22/25	Lab ID:	501200-04
Date Analyzed:	01/22/25	Data File:	012214.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	93	50	150
Benz(a)anthracene-d12	106	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.0054
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.24
Chrysene	0.26
Benzo(a)pyrene	0.36
Benzo(b)fluoranthene	0.46
Benzo(k)fluoranthene	0.14
Indeno(1,2,3-cd)pyrene	0.23
Dibenz(a,h)anthracene	0.043

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	C_39_3	Client:	Haley & Aldrich, Inc
Date Received:	01/16/25	Project:	CVSD Gun Club 0202349
Date Extracted:	01/22/25	Lab ID:	501200-05
Date Analyzed:	01/22/25	Data File:	012215.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	91	50	150
Benz(a)anthracene-d12	102	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.0057
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.21
Chrysene	0.23

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	C_39_3	Client:	Haley & Aldrich, Inc
Date Received:	01/16/25	Project:	CVSD Gun Club 0202349
Date Extracted:	01/22/25	Lab ID:	501200-05 1/10
Date Analyzed:	01/23/25	Data File:	012308.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	154 d	50	150
Benz(a)anthracene-d12	100 d	50	150

Compounds:	Concentration mg/kg (ppm)
Benzo(a)pyrene	0.25
Benzo(b)fluoranthene	0.32
Benzo(k)fluoranthene	0.11
Indeno(1,2,3-cd)pyrene	0.14
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	C_50_3	Client:	Haley & Aldrich, Inc
Date Received:	01/16/25	Project:	CVSD Gun Club 0202349
Date Extracted:	01/22/25	Lab ID:	501200-06
Date Analyzed:	01/22/25	Data File:	012216.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	81	50	150
Benz(a)anthracene-d12	91	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.0073
2-Methylnaphthalene	0.0061
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.85
Chrysene	0.93
Benzo(a)pyrene	1.4
Benzo(b)fluoranthene	1.7
Benzo(k)fluoranthene	0.49
Indeno(1,2,3-cd)pyrene	0.75
Dibenz(a,h)anthracene	0.16

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	C_48_3	Client:	Haley & Aldrich, Inc
Date Received:	01/16/25	Project:	CVSD Gun Club 0202349
Date Extracted:	01/22/25	Lab ID:	501200-07
Date Analyzed:	01/22/25	Data File:	012217.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	86	50	150
Benz(a)anthracene-d12	95	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.0066
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.54
Chrysene	0.62
Benzo(a)pyrene	0.91
Benzo(b)fluoranthene	1.1
Benzo(k)fluoranthene	0.35
Indeno(1,2,3-cd)pyrene	0.59
Dibenz(a,h)anthracene	0.11

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	Method Blank	Client:	Haley & Aldrich, Inc
Date Received:	Not Applicable	Project:	CVSD Gun Club 0202349
Date Extracted:	01/22/25	Lab ID:	05-0224 mb
Date Analyzed:	01/22/25	Data File:	012211.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	92	50	150
Benz(a)anthracene-d12	95	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	<0.005
Chrysene	<0.005
Benzo(a)pyrene	<0.005
Benzo(b)fluoranthene	<0.005
Benzo(k)fluoranthene	<0.005
Indeno(1,2,3-cd)pyrene	<0.005
Dibenz(a,h)anthracene	<0.005

Analysis For Total Metals By EPA Method 6020B

Client ID:	C_20_3	Client:	Haley & Aldrich, Inc
Date Received:	01/16/25	Project:	CVSD Gun Club 0202349
Date Extracted:	01/21/25	Lab ID:	501200-01
Date Analyzed:	01/21/25	Data File:	501200-01.115
Matrix:	Soil	Instrument:	ICPMS3
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Lead	160

Analysis For Total Metals By EPA Method 6020B

Client ID:	C_31_3	Client:	Haley & Aldrich, Inc
Date Received:	01/16/25	Project:	CVSD Gun Club 0202349
Date Extracted:	01/21/25	Lab ID:	501200-03
Date Analyzed:	01/21/25	Data File:	501200-03.116
Matrix:	Soil	Instrument:	ICPMS3
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Lead	26

Analysis For Total Metals By EPA Method 6020B

Client ID:	C_38_3	Client:	Haley & Aldrich, Inc
Date Received:	01/16/25	Project:	CVSD Gun Club 0202349
Date Extracted:	01/21/25	Lab ID:	501200-04
Date Analyzed:	01/21/25	Data File:	501200-04.117
Matrix:	Soil	Instrument:	ICPMS3
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Lead	160

Analysis For Total Metals By EPA Method 6020B

Client ID:	C_39_3	Client:	Haley & Aldrich, Inc
Date Received:	01/16/25	Project:	CVSD Gun Club 0202349
Date Extracted:	01/21/25	Lab ID:	501200-05
Date Analyzed:	01/21/25	Data File:	501200-05.118
Matrix:	Soil	Instrument:	ICPMS3
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Lead	79

Analysis For Total Metals By EPA Method 6020B

Client ID:	C_48_3	Client:	Haley & Aldrich, Inc
Date Received:	01/16/25	Project:	CVSD Gun Club 0202349
Date Extracted:	01/21/25	Lab ID:	501200-07
Date Analyzed:	01/21/25	Data File:	501200-07.119
Matrix:	Soil	Instrument:	ICPMS3
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Lead	240

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Haley & Aldrich, Inc
Date Received:	Not Applicable	Project:	CVSD Gun Club 0202349
Date Extracted:	01/21/25	Lab ID:	I5-54 mb
Date Analyzed:	01/21/25	Data File:	I5-54 mb.101
Matrix:	Soil	Instrument:	ICPMS3
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Lead	<1

Date of Report: 01/23/25
Date Received: 01/16/25
Project: CVSD Gun Club 0202349, F&BI 501200

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR PAHS BY EPA METHOD 8270E SIM

Laboratory Code: 501200-04 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.5	0.0052	98	106	50-150	8
2-Methylnaphthalene	mg/kg (ppm)	0.5	<0.005	91	98	50-150	7
1-Methylnaphthalene	mg/kg (ppm)	0.5	<0.005	95	102	50-150	7
Benz(a)anthracene	mg/kg (ppm)	0.5	0.23	170 b	110 b	50-150	43 b
Chrysene	mg/kg (ppm)	0.5	0.25	181 b	98 b	50-150	59 b
Benzo(b)fluoranthene	mg/kg (ppm)	0.5	0.44	347 b	191 b	50-150	58 b
Benzo(k)fluoranthene	mg/kg (ppm)	0.5	0.13	212 b	166 b	50-150	24 b
Benzo(a)pyrene	mg/kg (ppm)	0.5	0.34	260 b	149 b	50-150	54 b
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.5	0.22	158 b	123 b	50-150	25 b
Dibenz(a,h)anthracene	mg/kg (ppm)	0.5	0.041	70	80	50-150	13

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Naphthalene	mg/kg (ppm)	0.5	103	70-130
2-Methylnaphthalene	mg/kg (ppm)	0.5	93	70-130
1-Methylnaphthalene	mg/kg (ppm)	0.5	98	70-130
Benz(a)anthracene	mg/kg (ppm)	0.5	100	70-130
Chrysene	mg/kg (ppm)	0.5	107	70-130
Benzo(b)fluoranthene	mg/kg (ppm)	0.5	118	70-130
Benzo(k)fluoranthene	mg/kg (ppm)	0.5	117	70-130
Benzo(a)pyrene	mg/kg (ppm)	0.5	98	70-130
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.5	94	70-130
Dibenz(a,h)anthracene	mg/kg (ppm)	0.5	88	70-130

Date of Report: 01/23/25
Date Received: 01/16/25
Project: CVSD Gun Club 0202349, F&BI 501200

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL METALS USING EPA METHOD 6020B

Laboratory Code: 501230-05 x5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Lead	mg/kg (ppm)	50	5.77	98	97	75-125	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Lead	mg/kg (ppm)	50	107	80-120

Data Qualifiers & Definitions

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

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

ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported between the method detection limit and the lowest calibration point. The value reported is an estimate.

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

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

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

k – The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

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

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

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

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

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

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

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

Eurofins Environmental Testing Northwest, LLC
5755 8th Street East
Tacoma, WA 98424

501200

Chain of Custody Record

01/16/25 ISM / FI

Environment Testing

Client Information

Client Contact: Breeyn Greer
Company: Haley + Aldrich
Address: 505 w Riverside ave STE 450
City: Spokane
State, Zip: Wa 99201
Phone: 612-232-7343
Email: bgreer@HaleyAldrich.com
Project Name: CVSD Gun club
Site: 020234 CVSD

Sampler: Cam Luckey
Phone: 612-232-7343
PWSID:

Lab PM:
E-Mail:

Carrier Tracking No(s):
State of Origin:

COC No:
Page: Page 1 of 1
Job #:

Due Date Requested:
TAT Requested (days): STD
Compliance Project: Δ Yes Δ No
PO #: Purchase Order not required
WO #:
Project #: 020234 9
SSOW#:

Analysis Requested

Preservation Codes:
A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
J - DI Water
K - EDTA
L - EDA
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - pH 4-5
Z - other (specify)
Other:

Sample Identification	Lab ID	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	ISM processing	cPAHs project specific List	Sb EPA 6020	As EPA 6020	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
C_20_3	01	1-15-25	8:45	G	Soil		X	X	X		1	project specific List
C_24_3	02		9:00				X	X			1	
C_31_3	03		9:30				X		X		1	Hold samples for
C_38_3	04		10:00				X	X	X		1	30 days Contact
C_39_3	05		11:30				X	X	X		1	PM for disposal
C_50_3	06		12:00				X	X			1	
C_48_3	07		12:20				X	X	X		1	

Samples received at 2 °C

PO#020234 9-002

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☒ Archive For 1 Months

Special Instructions/QC Requirements:

Deliverable Requested: I, II, III, IV, Other (specify) EDD

Empty Kit Relinquished by: Date: Time: Method of Shipment:

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by: Cam Luckey	1-15-25 15:30		Received by: Anh Phan	01/16/25 @ 10:36	FBI
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

SAMPLE CONDITION UPON RECEIPT CHECKLIST

PROJECT # 501200 CLIENT HNA INITIALS/ DATE: AP 01/16/25

If custody seals are present on cooler, are they intact? ☑ NA ☐ YES ☐ NO

Cooler/Sample temperature 2 °C
Thermometer ID: Fluke 96312917

Were samples received on ice/cold packs? ☑ YES ☐ NO

How did samples arrive?
☐ Over the Counter ☐ Picked up by F&BI ☑ FedEx/UPS/GSO

Is there a Chain-of-Custody* (COC)? ☑ YES ☐ NO Initials/ Date: AP 01/16/25
*or other representative documents, letters, and/or shipping memos

Number of days samples have been sitting prior to receipt at laboratory 1 days

Are the samples clearly identified? (explain "no" answer below) ☑ YES ☐ NO

Were all sample containers received intact (i.e. not broken, leaking etc.)? (explain "no" answer below) ☑ YES ☐ NO

Were appropriate sample containers used? ☑ YES ☐ NO ☐ Unknown

If custody seals are present on samples, are they intact? ☑ NA ☐ YES ☐ NO

Are samples requiring no headspace, headspace free? ☑ NA ☐ YES ☐ NO

Is the following information provided on the COC, and does it match the sample label?
(explain "no" answer below)

Sample ID's	☑ Yes ☐ No	☐ Not on COC/label
Date Sampled	☑ Yes ☐ No	☐ Not on COC/label
Time Sampled	☑ Yes ☐ No	☐ Not on COC/label
# of Containers	☑ Yes ☐ No	
Relinquished	☑ Yes ☐ No	
Requested analysis	☑ Yes ☐ On Hold	

Other comments (use a separate page if needed)

Air Samples: Were any additional canisters/tubes received? ☑ NA ☐ YES ☐ NO

Number of unused TO15 canisters _____ **Number of unused TO17 tubes** _____


CAMERON LUCKEY
5095080609
HALEY AND ALDRICH
505 W RIVERSIDE AVE
SPOKANE WA 99201
60 LBS
1 OF 1
DWT: 36,24,12
AH
SHIP TO:
2062858282
FRIEDMAN & BRUYA, INC.
5500 4TH AVE S
SEATTLE WA 98108-2419
WA 981 9-04
UPS NEXT DAY AIR SAVER
1P
TRACKING #: 1Z K8J 639 29 0499 2083
BILLING: P/P
SIGNATURE REQUIRED
Project Number: 0202349-002
Phase Number: 000
CS 24.9.00. WNTNV50 3.0A 01/2025*
TM

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Elizabeth Webber-Bruya
Ann Webber-Bruya
Michael Erdahl
Vineta Mills
Eric Young

5500 4th Ave South
Seattle, WA 98108-2419
(206) 285-8282
office@friedmanandbruya.com
www.friedmanandbruya.com

January 24, 2025

Breeyn Greer, Project Manager
Haley & Aldrich, Inc
505 west Riverside Ave, Suite 450
Spokane, WA 99201

Dear Ms Greer:

Included are the results from the testing of material submitted on January 17, 2025 from the CVSD 0202349, F&BI 501221 project. There are 12 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
c: Haley Aldrich Data
HNH0124R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on January 17, 2025 by Friedman & Bruya, Inc. from the Haley & Aldrich, Inc CVSD 0202349, F&BI 501221 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Haley & Aldrich, Inc
501221 -01	CP_35_3
501221 -02	CP_46_3
501221 -03	CP_47_3
501221 -04	CP_55_2.5
501221 -05	CP_54_2.5

An 8270E internal standard did not meet the acceptance criteria for samples CP_46_3, CP_47_3, and CP_54_2.5. The samples were diluted and reanalyzed with acceptable results. Both data sets were reported.

All other quality control requirements were acceptable.

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_35_3	Client:	Haley & Aldrich, Inc
Date Received:	01/17/25	Project:	CVSD 0202349, F&BI 501221
Date Extracted:	01/22/25	Lab ID:	501221-01
Date Analyzed:	01/22/25	Data File:	012218.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	89	50	150
Benz(a)anthracene-d12	96	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.0076
2-Methylnaphthalene	0.0083
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.70
Chrysene	0.76
Benzo(a)pyrene	1.2
Benzo(b)fluoranthene	1.4
Benzo(k)fluoranthene	0.47
Indeno(1,2,3-cd)pyrene	0.71
Dibenz(a,h)anthracene	0.13

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_46_3	Client:	Haley & Aldrich, Inc
Date Received:	01/17/25	Project:	CVSD 0202349, F&BI 501221
Date Extracted:	01/22/25	Lab ID:	501221-02
Date Analyzed:	01/22/25	Data File:	012219.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	91	50	150
Benz(a)anthracene-d12	103	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.057
Chrysene	0.068
Benzo(k)fluoranthene	0.041 J
Dibenz(a,h)anthracene	0.0091 J

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_46_3	Client:	Haley & Aldrich, Inc
Date Received:	01/17/25	Project:	CVSD 0202349, F&BI 501221
Date Extracted:	01/22/25	Lab ID:	501221-02 1/10
Date Analyzed:	01/23/25	Data File:	012310.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	177 d	50	150
Benz(a)anthracene-d12	85 d	50	150

Compounds:	Concentration mg/kg (ppm)
Benzo(a)pyrene	0.072
Benzo(b)fluoranthene	0.095
Benzo(k)fluoranthene	<0.05
Indeno(1,2,3-cd)pyrene	0.065
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_47_3	Client:	Haley & Aldrich, Inc
Date Received:	01/17/25	Project:	CVSD 0202349, F&BI 501221
Date Extracted:	01/22/25	Lab ID:	501221-03
Date Analyzed:	01/22/25	Data File:	012220.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	81	50	150
Benz(a)anthracene-d12	86	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.068
Chrysene	0.080
Benzo(k)fluoranthene	0.044 J
Dibenz(a,h)anthracene	0.011 J

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_47_3	Client:	Haley & Aldrich, Inc
Date Received:	01/17/25	Project:	CVSD 0202349, F&BI 501221
Date Extracted:	01/22/25	Lab ID:	501221-03 1/10
Date Analyzed:	01/23/25	Data File:	012311.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	119 d	50	150
Benz(a)anthracene-d12	75 d	50	150

Compounds:	Concentration mg/kg (ppm)
Benzo(a)pyrene	0.078
Benzo(b)fluoranthene	0.10
Benzo(k)fluoranthene	<0.05
Indeno(1,2,3-cd)pyrene	0.058
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_55_2.5	Client:	Haley & Aldrich, Inc
Date Received:	01/17/25	Project:	CVSD 0202349, F&BI 501221
Date Extracted:	01/22/25	Lab ID:	501221-04
Date Analyzed:	01/22/25	Data File:	012221.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	90	50	150
Benz(a)anthracene-d12	90	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.0076
Chrysene	0.0069
Benzo(a)pyrene	0.0092
Benzo(b)fluoranthene	0.011
Benzo(k)fluoranthene	<0.005
Indeno(1,2,3-cd)pyrene	<0.005
Dibenz(a,h)anthracene	<0.005

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_54_2.5	Client:	Haley & Aldrich, Inc
Date Received:	01/17/25	Project:	CVSD 0202349, F&BI 501221
Date Extracted:	01/22/25	Lab ID:	501221-05
Date Analyzed:	01/22/25	Data File:	012222.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	86	50	150
Benz(a)anthracene-d12	87	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.013
Chrysene	0.014
Benzo(a)pyrene	0.014 J
Benzo(b)fluoranthene	0.021 J
Benzo(k)fluoranthene	0.0072 J
Indeno(1,2,3-cd)pyrene	0.0088 J
Dibenz(a,h)anthracene	<0.005 J

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_54_2.5	Client:	Haley & Aldrich, Inc
Date Received:	01/17/25	Project:	CVSD 0202349, F&BI 501221
Date Extracted:	01/22/25	Lab ID:	501221-05 1/10
Date Analyzed:	01/23/25	Data File:	012312.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	169 d	50	150
Benz(a)anthracene-d12	72 d	50	150

Compounds:	Concentration mg/kg (ppm)
Benzo(a)pyrene	<0.05
Benzo(b)fluoranthene	<0.05
Benzo(k)fluoranthene	<0.05
Indeno(1,2,3-cd)pyrene	<0.05
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	Method Blank	Client:	Haley & Aldrich, Inc
Date Received:	Not Applicable	Project:	CVSD 0202349, F&BI 501221
Date Extracted:	01/22/25	Lab ID:	05-0224 mb
Date Analyzed:	01/22/25	Data File:	012211.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	92	50	150
Benz(a)anthracene-d12	95	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	<0.005
Chrysene	<0.005
Benzo(a)pyrene	<0.005
Benzo(b)fluoranthene	<0.005
Benzo(k)fluoranthene	<0.005
Indeno(1,2,3-cd)pyrene	<0.005
Dibenz(a,h)anthracene	<0.005

Date of Report: 01/24/25
Date Received: 01/17/25
Project: CVSD 0202349, F&BI 501221

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR PAHS BY EPA METHOD 8270E SIM

Laboratory Code: 501200-04 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.5	0.0052	98	106	50-150	8
2-Methylnaphthalene	mg/kg (ppm)	0.5	<0.005	91	98	50-150	7
1-Methylnaphthalene	mg/kg (ppm)	0.5	<0.005	95	102	50-150	7
Benz(a)anthracene	mg/kg (ppm)	0.5	0.23	170 b	110 b	50-150	43 b
Chrysene	mg/kg (ppm)	0.5	0.25	181 b	98 b	50-150	59 b
Benzo(b)fluoranthene	mg/kg (ppm)	0.5	0.44	347 b	191 b	50-150	58 b
Benzo(k)fluoranthene	mg/kg (ppm)	0.5	0.13	212 b	166 b	50-150	24 b
Benzo(a)pyrene	mg/kg (ppm)	0.5	0.34	260 b	149 b	50-150	54 b
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.5	0.22	158 b	123 b	50-150	25 b
Dibenz(a,h)anthracene	mg/kg (ppm)	0.5	0.041	70	80	50-150	13

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Naphthalene	mg/kg (ppm)	0.5	103	70-130
2-Methylnaphthalene	mg/kg (ppm)	0.5	93	70-130
1-Methylnaphthalene	mg/kg (ppm)	0.5	98	70-130
Benz(a)anthracene	mg/kg (ppm)	0.5	100	70-130
Chrysene	mg/kg (ppm)	0.5	107	70-130
Benzo(b)fluoranthene	mg/kg (ppm)	0.5	118	70-130
Benzo(k)fluoranthene	mg/kg (ppm)	0.5	117	70-130
Benzo(a)pyrene	mg/kg (ppm)	0.5	98	70-130
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.5	94	70-130
Dibenz(a,h)anthracene	mg/kg (ppm)	0.5	88	70-130

Data Qualifiers & Definitions

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

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

ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported between the method detection limit and the lowest calibration point. The value reported is an estimate.

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

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

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

k – The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

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

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

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

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

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

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

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

HALEY ALDRICH

Haley & Aldrich, Inc.
505 W Riverside Ave.,
STE 450,
Spokane, WA 99201-0513

501221

CHAIN OF CUSTODY RECORD

01/17/25 ISM/FI

Phone (509) 960-7447
Fax (509) 960-7447
Page 1 of 1

H&A FILE NO. 0227349
PROJECT NAME CVSD
H&A CONTACT Breeyn Greey

LABORATORY Friedman & Bruya
ADDRESS 5500 4th Ave S, Seattle, WA 98108
CONTACT

DELIVERY DATE 1/16/25
TURNAROUND TIME Standard
PROJECT MANAGER Breeyn Greey

Lab ID	Sample No.	Date	Time	Depth	Type	Analysis Requested: PAH project Spec. List	Analysis Requested: ISM Processing	Number of Containers	Comments(special instructions, precautions, additional method numbers, etc.)
01	CP_35_3	1/16/25	9:35	3'	Soil	X	X	1	Laboratory to use applicable DEP CAM methods, unless otherwise directed.
02	CP_46_3	1/16/25	10:30	3'	Soil	X	X	1	- Archive for 1 month
03	CP_47_3	1/16/25	11:10	3'	Soil	X	X	1	- PAH Project Specific List
04	CP_55_2.5	1/16/25	11:55	2.5' [redacted]	Soil	X	X	1	- ISM Processing
05	CP_54_2.5	1/16/25	12:30	2.5' [redacted]	Soil	X	X	1	

Samples received at 2 °C

Sampled and Relinquished by	Received by
Sign	Sign
Print Luke Peden	Print Anh Phan
Firm Haley & Aldrich	Firm FBI
Date 1/16/25 Time 15:30	Date 01/17/25 Time 11:27
Relinquished by	**Received by**
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time
Relinquished by	**Received by**
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time

LIQUID	
	VOA Vial
	Amber Glass
	Plastic Bottle
	Preservative
	Volume

SOLID	
	VOA Vial
	Amber Glass
	Clear Glass
	Preservative
	Volume

PRESERVATION KEY

A Sample chilled (circled) C NaOH E H_2SO_4 G Methanol
B Sample filtered D HNO_3 F HCL H Water/NaHSO4 (circle)

Sampling Comments

Evidence samples were tampered with? YES NO
If YES, please explain in section below.

Presumptive Certainty Data Package (Laboratory to use applicable DEP CAM methods)

If Presumptive Certainty Data Package is needed, initial all sections:

_____ The required minimum field QC samples, as designated in BWSC CAM-VII have been or will be collected, as appropriate, to meet the requirements of Presumptive Certainty.
_____ Matrix Spike (MS) samples for MCP Metals and/or Cyanide are included and identified herein.
_____ This Chain of Custody Record (specify) _____ includes _____ does not include samples defined as Drinking Water Samples.
_____ If this Chain of Custody Record identifies samples defined as Drinking Water Samples, Trip Blanks and Field Duplicates are included and identified and analysis of TICs are required, as a

Required Reporting Limits and Data Quality Objectives

☐ RC-S1 ☐ S1 ☐ GW1
☐ RC-S2 ☐ S2 ☐ GW2
☐ RC-GW1 ☐ S3 ☐ GW3
☐ RC-GW2

WHITE - Laboratory CANARY - Project Manager PINK - Haley & Aldrich Laboratory

Form 3003

November 2024

SAMPLE CONDITION UPON RECEIPT CHECKLIST

PROJECT # 501221 CLIENT HNA INITIALS/ DATE: AP 01/17/25

If custody seals are present on cooler, are they intact? ☑ NA ☐ YES ☐ NO

Cooler/Sample temperature 2 °C
Thermometer ID: Fluke 96312917

Were samples received on ice/cold packs? ☑ YES ☐ NO

How did samples arrive?
☐ Over the Counter ☐ Picked up by F&BI ☑ FedEx/UPS/GSO

Is there a Chain-of-Custody* (COC)? ☑ YES ☐ NO Initials/ Date: AP 01/17/25
*or other representative documents, letters, and/or shipping memos

Number of days samples have been sitting prior to receipt at laboratory 1 days

Are the samples clearly identified? (explain "no" answer below) ☑ YES ☐ NO

Were all sample containers received intact (i.e. not broken, leaking etc.)? (explain "no" answer below) ☑ YES ☐ NO

Were appropriate sample containers used? ☑ YES ☐ NO ☐ Unknown

If custody seals are present on samples, are they intact? ☑ NA ☐ YES ☐ NO

Are samples requiring no headspace, headspace free? ☑ NA ☐ YES ☐ NO

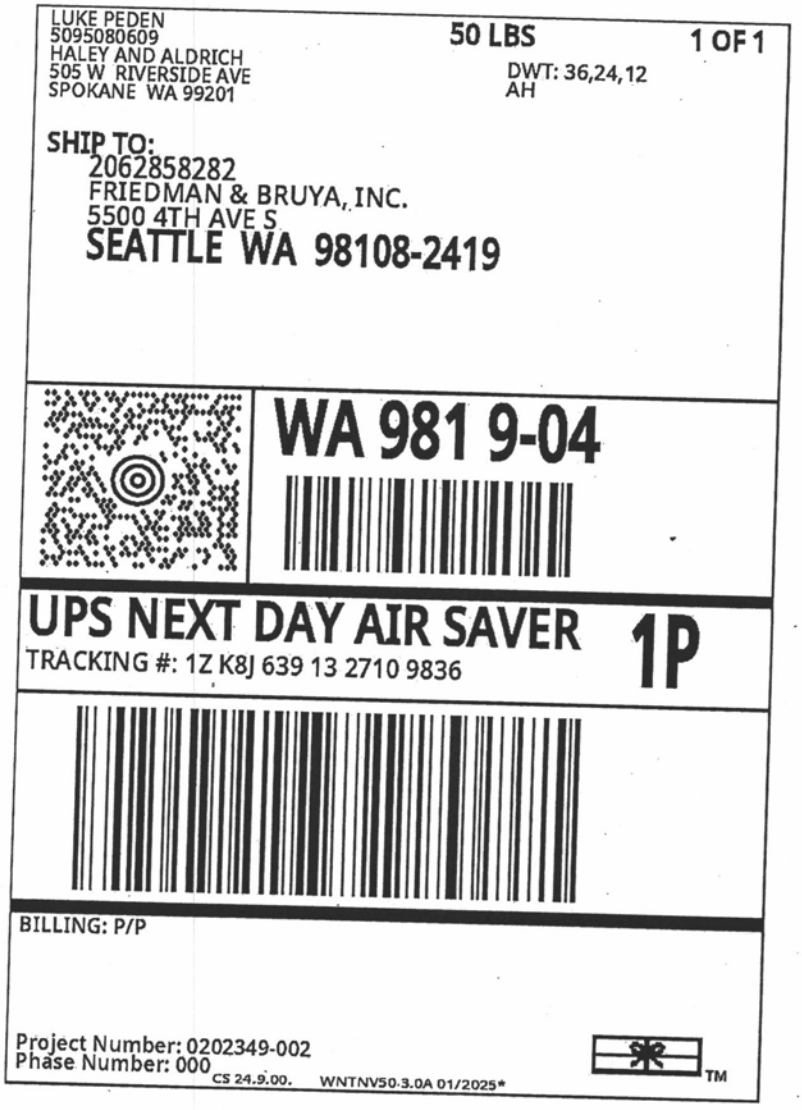
Is the following information provided on the COC, and does it match the sample label?
(explain "no" answer below)

Sample ID's	☑ Yes ☐ No	☐ Not on COC/label
Date Sampled	☑ Yes ☐ No	☐ Not on COC/label
Time Sampled	☑ Yes ☐ No	☐ Not on COC/label
# of Containers	☑ Yes ☐ No	
Relinquished	☑ Yes ☐ No	
Requested analysis	☑ Yes ☐ On Hold	

Other comments (use a separate page if needed)

Air Samples: Were any additional canisters/tubes received? ☑ NA ☐ YES ☐ NO

Number of unused TO15 canisters _____ **Number of unused TO17 tubes** _____


LUKE PEDEN
5095080609
HALEY AND ALDRICH
505 W RIVERSIDE AVE
SPOKANE WA 99201
50 LBS
1 OF 1
DWT: 36,24,12
AH
SHIP TO:
2062858282
FRIEDMAN & BRUYA, INC.
5500 4TH AVE S
SEATTLE WA 98108-2419
WA 981 9-04
UPS NEXT DAY AIR SAVER
1P
TRACKING #: 1Z K8J 639 13 2710 9836
BILLING: P/P
Project Number: 0202349-002
Phase Number: 000
CS 24.9.00. WNTNV50.3.0A 01/2025*
TM

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Elizabeth Webber-Bruya
Ann Webber-Bruya
Michael Erdahl
Vineta Mills
Eric Young

5500 4th Ave South
Seattle, WA 98108-2419
(206) 285-8282
office@friedmanandbruya.com
www.friedmanandbruya.com

January 29, 2025

Breeyn Greer, Project Manager
Haley & Aldrich, Inc
505 West Riverside Ave, Suite 450
Spokane, WA 99201

Dear Ms Greer:

Included are the results from the testing of material submitted on January 23, 2025 from the CVSD Gun Club 0202349-002, F&BI 501297 project. There are 12 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
c: Haley Aldrich Data
HNH0129R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on January 23, 2025 by Friedman & Bruya, Inc. from the Haley & Aldrich, Inc CVSD Gun Club 0202349-002, F&BI 501297 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Haley & Aldrich, Inc
501297 -01	CP_79_3
501297 -02	CP_80_3
501297 -03	CP_81_3
501297 -04	CP_82_3
501297 -05	CP_65_3
501297 -06	CP_66_3
501297 -07	CP_67_3
501297 -08	CP_68_3

All quality control requirements were acceptable.

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_79_3	Client:	Haley & Aldrich, Inc
Date Received:	01/23/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/24/25	Lab ID:	501297-01
Date Analyzed:	01/24/25	Data File:	012421.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	98	50	150
Benz(a)anthracene-d12	110	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.13
Chrysene	0.14
Benzo(a)pyrene	0.15
Benzo(b)fluoranthene	0.16
Benzo(k)fluoranthene	0.046
Indeno(1,2,3-cd)pyrene	0.094
Dibenz(a,h)anthracene	0.022

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_80_3	Client:	Haley & Aldrich, Inc
Date Received:	01/23/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/24/25	Lab ID:	501297-02
Date Analyzed:	01/24/25	Data File:	012422.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	93	50	150
Benz(a)anthracene-d12	99	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.23
Chrysene	0.27
Benzo(a)pyrene	0.31
Benzo(b)fluoranthene	0.33
Benzo(k)fluoranthene	0.096
Indeno(1,2,3-cd)pyrene	0.17
Dibenz(a,h)anthracene	0.039

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_81_3	Client:	Haley & Aldrich, Inc
Date Received:	01/23/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/24/25	Lab ID:	501297-03
Date Analyzed:	01/24/25	Data File:	012423.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	97	50	150
Benz(a)anthracene-d12	104	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.0061
Chrysene	0.0078
Benzo(a)pyrene	0.0078
Benzo(b)fluoranthene	0.0095
Benzo(k)fluoranthene	<0.005
Indeno(1,2,3-cd)pyrene	0.0052
Dibenz(a,h)anthracene	<0.005

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_82_3	Client:	Haley & Aldrich, Inc
Date Received:	01/23/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/24/25	Lab ID:	501297-04
Date Analyzed:	01/24/25	Data File:	012424.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	96	50	150
Benz(a)anthracene-d12	97	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.031
Chrysene	0.031
Benzo(a)pyrene	0.037
Benzo(b)fluoranthene	0.046
Benzo(k)fluoranthene	0.014
Indeno(1,2,3-cd)pyrene	0.023
Dibenz(a,h)anthracene	<0.005

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_65_3	Client:	Haley & Aldrich, Inc
Date Received:	01/23/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/24/25	Lab ID:	501297-05
Date Analyzed:	01/25/25	Data File:	012425.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	100	50	150
Benz(a)anthracene-d12	106	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.031
Chrysene	0.034
Benzo(a)pyrene	0.039
Benzo(b)fluoranthene	0.048
Benzo(k)fluoranthene	0.015
Indeno(1,2,3-cd)pyrene	0.024
Dibenz(a,h)anthracene	<0.005

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_66_3	Client:	Haley & Aldrich, Inc
Date Received:	01/23/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/24/25	Lab ID:	501297-06
Date Analyzed:	01/25/25	Data File:	012426.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	98	50	150
Benz(a)anthracene-d12	100	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.053
Chrysene	0.067
Benzo(a)pyrene	0.071
Benzo(b)fluoranthene	0.088
Benzo(k)fluoranthene	0.028
Indeno(1,2,3-cd)pyrene	0.047
Dibenz(a,h)anthracene	0.0098

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_67_3	Client:	Haley & Aldrich, Inc
Date Received:	01/23/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/24/25	Lab ID:	501297-07
Date Analyzed:	01/25/25	Data File:	012427.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	99	50	150
Benz(a)anthracene-d12	103	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.076
Chrysene	0.084
Benzo(a)pyrene	0.096
Benzo(b)fluoranthene	0.12
Benzo(k)fluoranthene	0.038
Indeno(1,2,3-cd)pyrene	0.061
Dibenz(a,h)anthracene	0.012

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_68_3	Client:	Haley & Aldrich, Inc
Date Received:	01/23/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/24/25	Lab ID:	501297-08
Date Analyzed:	01/25/25	Data File:	012428.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	98	50	150
Benz(a)anthracene-d12	102	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.099
Chrysene	0.11
Benzo(a)pyrene	0.13
Benzo(b)fluoranthene	0.14
Benzo(k)fluoranthene	0.045
Indeno(1,2,3-cd)pyrene	0.079
Dibenz(a,h)anthracene	0.017

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	Method Blank	Client:	Haley & Aldrich, Inc
Date Received:	Not Applicable	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/24/25	Lab ID:	05-0233 mb
Date Analyzed:	01/24/25	Data File:	012409.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	95	50	150
Benz(a)anthracene-d12	114	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	<0.005
Chrysene	<0.005
Benzo(a)pyrene	<0.005
Benzo(b)fluoranthene	<0.005
Benzo(k)fluoranthene	<0.005
Indeno(1,2,3-cd)pyrene	<0.005
Dibenz(a,h)anthracene	<0.005

Date of Report: 01/29/25
Date Received: 01/23/25
Project: CVSD Gun Club 0202349-002, F&BI 501297

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR PAHS BY EPA METHOD 8270E SIM

Laboratory Code: 501298-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.5	<0.005	90	79	50-150	13
2-Methylnaphthalene	mg/kg (ppm)	0.5	<0.005	84	76	50-150	10
1-Methylnaphthalene	mg/kg (ppm)	0.5	<0.005	86	79	50-150	8
Benz(a)anthracene	mg/kg (ppm)	0.5	0.095	103	100	50-150	3
Chrysene	mg/kg (ppm)	0.5	0.098	104	102	50-150	2
Benzo(b)fluoranthene	mg/kg (ppm)	0.5	0.12	118 b	110 b	50-150	7 b
Benzo(k)fluoranthene	mg/kg (ppm)	0.5	0.041	106	105	50-150	1
Benzo(a)pyrene	mg/kg (ppm)	0.5	0.11	102 b	95 b	50-150	7 b
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.5	0.062	95	91	50-150	4
Dibenz(a,h)anthracene	mg/kg (ppm)	0.5	0.014	89	87	50-150	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Naphthalene	mg/kg (ppm)	0.5	76	70-130
2-Methylnaphthalene	mg/kg (ppm)	0.5	80	70-130
1-Methylnaphthalene	mg/kg (ppm)	0.5	95	70-130
Benz(a)anthracene	mg/kg (ppm)	0.5	101	70-130
Chrysene	mg/kg (ppm)	0.5	102	70-130
Benzo(b)fluoranthene	mg/kg (ppm)	0.5	109	70-130
Benzo(k)fluoranthene	mg/kg (ppm)	0.5	98	70-130
Benzo(a)pyrene	mg/kg (ppm)	0.5	90	70-130
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.5	90	70-130
Dibenz(a,h)anthracene	mg/kg (ppm)	0.5	86	70-130

Data Qualifiers & Definitions

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

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

ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported between the method detection limit and the lowest calibration point. The value reported is an estimate.

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

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

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

k – The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

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

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

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

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

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

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

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

501297

SAMPLE CHAIN OF CUSTODY

01/23/25 ISM/FI

Page # 1 of 1

Report To Breeyn Greer

Company Haley & Aldrich

Address 505 West Riverside Ave. Ste 450

City, State, ZIP Spokane, WA 99201

Phone 612-232-7343 Email bgreer@haleyaldrich.com

SAMPLERS (signature) Breeyn Greer

PROJECT NAME: CVSD Gun Club

PO#: 0202349-002

REMARKS: Project Specific Reporting List; 0.005 mg/Kg RL

Project Specific RLs - Yes / No

INVOICE TO: accountspayable@haleyaldrich.com

TURNAROUND TIME
Standard Turnaround
RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
X Dispose after 30 days
Archive Samples
Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	cPAHs EPA 8270	PCBs EPA 8082	ISM Prep					Notes
CP-79-3	01	1/17/25	1230	Soil	1					X		X					*cPAHs
CP-80-3	02	"	1300	"	"					X		X					Project Specific list
CP-81-3	03	"	1340	"	"					X		X					
CP-82-3	04	"	1320	"	"					X		X					
CP-65-3	05	"	1030	"	"					X		X					
CP-66-3	06	"	1100	"	"					X		X					
CP-67-3	07	"	1010	"	"					X		X					
CP-68-3	08	"	0945	"	"					X		X					

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Cam Lueker	Haley + Aldrich	1-21-25	10:30
Received by:	Nhan Phan	FedEx	01/23/25	1030
Relinquished by:		samples received at 2 °C		
Received by:				

Friedman & Bruya, Inc.
5500 4th Avenue S
Seattle, WA 98108
Ph. (206) 285-8282

SAMPLE CONDITION UPON RECEIPT CHECKLIST

PROJECT # 501297 CLIENT Haley & Aldrich INITIALS/ DATE: (NP) 01/23/25

If custody seals are present on cooler, are they intact? ☒ NA ☐ YES ☐ NO

Cooler/Sample temperature 2 °C
Thermometer ID: Fluke 96312917

Were samples received on ice/cold packs? ☒ YES ☐ NO

How did samples arrive?
☐ Over the Counter ☐ Picked up by F&BI ☒ FedEx/UPS/GSO

Is there a Chain-of-Custody* (COC)? ☒ YES ☐ NO Initials/ Date: AP 01/23/25
*or other representative documents, letters, and/or shipping memos

Number of days samples have been sitting prior to receipt at laboratory 6 days

Are the samples clearly identified? (explain "no" answer below) ☒ YES ☐ NO

Were all sample containers received intact (i.e. not broken, leaking etc.)? (explain "no" answer below) ☒ YES ☐ NO

Were appropriate sample containers used? ☒ YES ☐ NO ☐ Unknown

If custody seals are present on samples, are they intact? ☒ NA ☐ YES ☐ NO

Are samples requiring no headspace, headspace free? ☒ NA ☐ YES ☐ NO

Is the following information provided on the COC, and does it match the sample label?
(explain "no" answer below)

Sample ID's	☒ Yes ☐ No	☐ Not on COC/label
Date Sampled	☒ Yes ☐ No	☐ Not on COC/label
Time Sampled	☒ Yes ☐ No	☐ Not on COC/label
# of Containers	☒ Yes ☐ No	
Relinquished	☒ Yes ☐ No	
Requested analysis	☒ Yes ☐ On Hold	

Other comments (use a separate page if needed)

Air Samples: Were any additional canisters/tubes received? ☒ NA ☐ YES ☐ NO

Number of unused TO15 canisters _____ **Number of unused TO17 tubes** _____

UPS CampusShip: View/Print Label

1. **Ensure there are no other shipping or tracking labels attached to your package.** Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.

2. **Fold the printed label at the solid line below.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.

3. **GETTING YOUR SHIPMENT TO UPS**

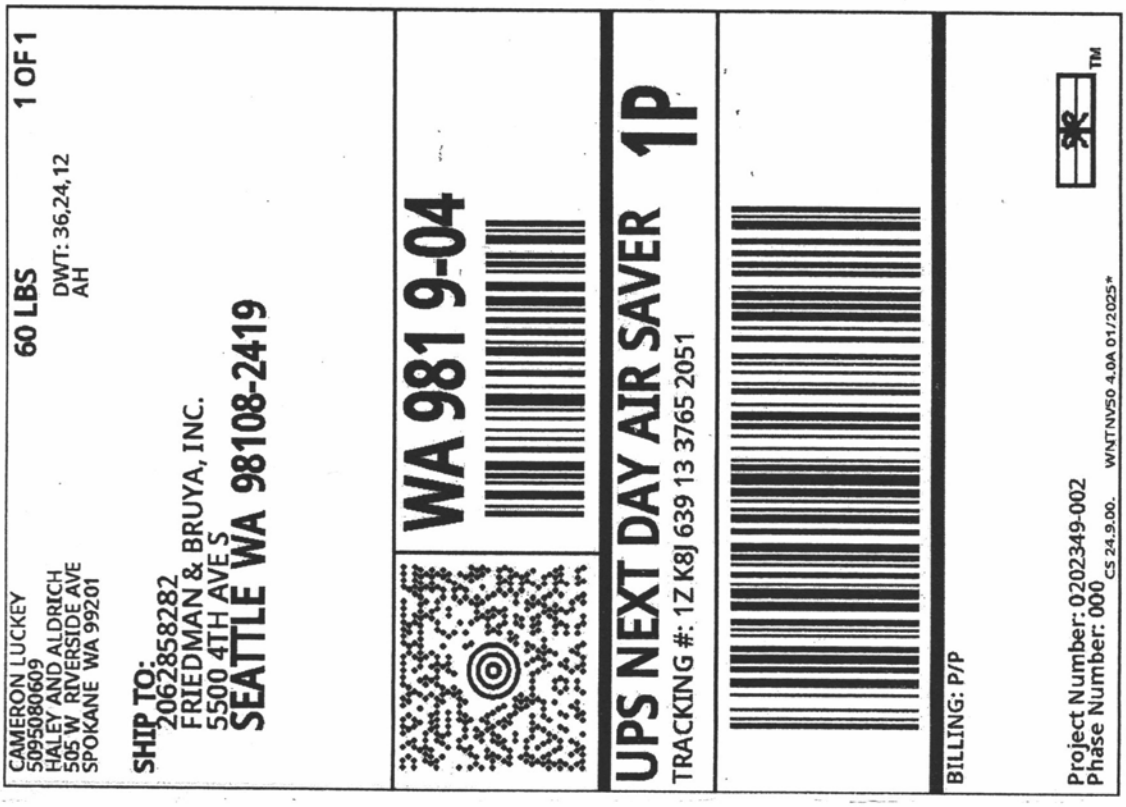
   Customers with a Daily Pickup

   Your driver will pickup your shipment(s) as usual.

   Customers without a Daily Pickup

   Schedule a same day or future day Pickup to have a UPS driver pickup all your CampusShip packages.
   Hand the package to any UPS driver in your area.
   Take your package to any location of The UPS Store®, UPS Drop Box, UPS Customer Center, Staples® or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.

FOLD HERE



FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Elizabeth Webber-Bruya
Ann Webber-Bruya
Michael Erdahl
Vineta Mills
Eric Young

5500 4th Ave South
Seattle, WA 98108-2419
(206) 285-8282
office@friedmanandbruya.com
www.friedmanandbruya.com

January 29, 2025

Breeyn Greer, Project Manager
Haley & Aldrich, Inc
505 West Riverside Ave, Suite 450
Spokane, WA 99201

Dear Ms Greer:

Included are the results from the testing of material submitted on January 23, 2025 from the CVSD Gun Club 0202349-002, F&BI 501298 project. There are 18 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
c: Haley Aldrich Data
HNH0129R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on January 23, 2025 by Friedman & Bruya, Inc. from the Haley & Aldrich, Inc CVSD Gun Club 0202349-002, F&BI 501298 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Haley & Aldrich, Inc
501298 -01	CP_137_2.5
501298 -02	CP_136_2.5
501298 -03	CP_135_2.5
501298 -04	CP_130_2.5
501298 -05	CP_120_3
501298 -06	CP_128_3
501298 -07	CP_142_2
501298 -08	CP_145_2.5
501298 -09	CP_146_2
501298 -10	CP_141_4
501298 -11	CP_144_2.5

All quality control requirements were acceptable.

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_137_2.5	Client:	Haley & Aldrich, Inc
Date Received:	01/23/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/24/25	Lab ID:	501298-01
Date Analyzed:	01/24/25	Data File:	012410.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	101	50	150
Benz(a)anthracene-d12	122	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.10
Chrysene	0.11
Benzo(a)pyrene	0.12
Benzo(b)fluoranthene	0.13
Benzo(k)fluoranthene	0.044
Indeno(1,2,3-cd)pyrene	0.067
Dibenz(a,h)anthracene	0.015

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_136_2.5	Client:	Haley & Aldrich, Inc
Date Received:	01/23/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/24/25	Lab ID:	501298-02
Date Analyzed:	01/24/25	Data File:	012411.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	78	50	150
Benz(a)anthracene-d12	79	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.13
Chrysene	0.16
Benzo(a)pyrene	0.16
Benzo(b)fluoranthene	0.20
Benzo(k)fluoranthene	0.064
Indeno(1,2,3-cd)pyrene	0.096
Dibenz(a,h)anthracene	0.022

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_135_2.5	Client:	Haley & Aldrich, Inc
Date Received:	01/23/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/24/25	Lab ID:	501298-03
Date Analyzed:	01/24/25	Data File:	012412.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	92	50	150
Benz(a)anthracene-d12	110	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	0.0055
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.21
Chrysene	0.27
Benzo(a)pyrene	0.30
Benzo(b)fluoranthene	0.29
Benzo(k)fluoranthene	0.081
Indeno(1,2,3-cd)pyrene	0.16
Dibenz(a,h)anthracene	0.039

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_130_2.5	Client:	Haley & Aldrich, Inc
Date Received:	01/23/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/24/25	Lab ID:	501298-04
Date Analyzed:	01/24/25	Data File:	012413.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	98	50	150
Benz(a)anthracene-d12	108	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.28
Chrysene	0.30
Benzo(a)pyrene	0.37
Benzo(b)fluoranthene	0.38
Benzo(k)fluoranthene	0.11
Indeno(1,2,3-cd)pyrene	0.20
Dibenz(a,h)anthracene	0.050

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_120_3	Client:	Haley & Aldrich, Inc
Date Received:	01/23/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/24/25	Lab ID:	501298-05
Date Analyzed:	01/24/25	Data File:	012414.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	94	50	150
Benz(a)anthracene-d12	120	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.12
Chrysene	0.15
Benzo(a)pyrene	0.16
Benzo(b)fluoranthene	0.18
Benzo(k)fluoranthene	0.060
Indeno(1,2,3-cd)pyrene	0.091
Dibenz(a,h)anthracene	0.019

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_128_3	Client:	Haley & Aldrich, Inc
Date Received:	01/23/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/24/25	Lab ID:	501298-06
Date Analyzed:	01/24/25	Data File:	012415.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	100	50	150
Benz(a)anthracene-d12	112	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.29
Chrysene	0.32
Benzo(a)pyrene	0.36
Benzo(b)fluoranthene	0.39
Benzo(k)fluoranthene	0.12
Indeno(1,2,3-cd)pyrene	0.19
Dibenz(a,h)anthracene	0.043

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_142_2	Client:	Haley & Aldrich, Inc
Date Received:	01/23/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/24/25	Lab ID:	501298-07
Date Analyzed:	01/24/25	Data File:	012416.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	91	50	150
Benz(a)anthracene-d12	109	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.10
Chrysene	0.11
Benzo(a)pyrene	0.12
Benzo(b)fluoranthene	0.16
Benzo(k)fluoranthene	0.058
Indeno(1,2,3-cd)pyrene	0.077
Dibenz(a,h)anthracene	0.015

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_145_2.5	Client:	Haley & Aldrich, Inc
Date Received:	01/23/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/24/25	Lab ID:	501298-08
Date Analyzed:	01/24/25	Data File:	012417.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	97	50	150
Benz(a)anthracene-d12	109	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.038
Chrysene	0.043
Benzo(a)pyrene	0.048
Benzo(b)fluoranthene	0.060
Benzo(k)fluoranthene	0.018
Indeno(1,2,3-cd)pyrene	0.031
Dibenz(a,h)anthracene	0.0065

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_146_2	Client:	Haley & Aldrich, Inc
Date Received:	01/23/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/24/25	Lab ID:	501298-09
Date Analyzed:	01/24/25	Data File:	012418.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	86	50	150
Benz(a)anthracene-d12	104	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	0.0068
1-Methylnaphthalene	<0.005
Benz(a)anthracene	1.2
Chrysene	1.2
Benzo(a)pyrene	1.4
Benzo(b)fluoranthene	1.8
Benzo(k)fluoranthene	0.54
Indeno(1,2,3-cd)pyrene	0.92
Dibenz(a,h)anthracene	0.19

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_141_4	Client:	Haley & Aldrich, Inc
Date Received:	01/23/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/24/25	Lab ID:	501298-10
Date Analyzed:	01/24/25	Data File:	012419.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	91	50	150
Benz(a)anthracene-d12	98	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.0062
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.93
Chrysene	1.0
Benzo(a)pyrene	1.3
Benzo(b)fluoranthene	1.6
Benzo(k)fluoranthene	0.51
Indeno(1,2,3-cd)pyrene	0.89
Dibenz(a,h)anthracene	0.16

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_144_2.5	Client:	Haley & Aldrich, Inc
Date Received:	01/23/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/24/25	Lab ID:	501298-11
Date Analyzed:	01/24/25	Data File:	012420.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	74	50	150
Benz(a)anthracene-d12	81	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.087
Chrysene	0.097
Benzo(a)pyrene	0.12
Benzo(b)fluoranthene	0.13
Benzo(k)fluoranthene	0.039
Indeno(1,2,3-cd)pyrene	0.074
Dibenz(a,h)anthracene	0.016

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	Method Blank	Client:	Haley & Aldrich, Inc
Date Received:	Not Applicable	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/24/25	Lab ID:	05-0233 mb
Date Analyzed:	01/24/25	Data File:	012409.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	95	50	150
Benz(a)anthracene-d12	114	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	<0.005
Chrysene	<0.005
Benzo(a)pyrene	<0.005
Benzo(b)fluoranthene	<0.005
Benzo(k)fluoranthene	<0.005
Indeno(1,2,3-cd)pyrene	<0.005
Dibenz(a,h)anthracene	<0.005

Analysis For Total Metals By EPA Method 6020B

Client ID:	CP_141_4	Client:	Haley & Aldrich, Inc
Date Received:	01/23/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/24/25	Lab ID:	501298-10
Date Analyzed:	01/24/25	Data File:	501298-10.118
Matrix:	Soil	Instrument:	ICPMS3
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	11
Lead	21

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Haley & Aldrich, Inc
Date Received:	Not Applicable	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/24/25	Lab ID:	I5-64 mb2
Date Analyzed:	01/24/25	Data File:	I5-64 mb2.116
Matrix:	Soil	Instrument:	ICPMS3
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1
Lead	<1

Date of Report: 01/29/25
Date Received: 01/23/25
Project: CVSD Gun Club 0202349-002, F&BI 501298

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR PAHS BY EPA METHOD 8270E SIM

Laboratory Code: 501298-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.5	<0.005	90	79	50-150	13
2-Methylnaphthalene	mg/kg (ppm)	0.5	<0.005	84	76	50-150	10
1-Methylnaphthalene	mg/kg (ppm)	0.5	<0.005	86	79	50-150	8
Benz(a)anthracene	mg/kg (ppm)	0.5	0.095	103	100	50-150	3
Chrysene	mg/kg (ppm)	0.5	0.098	104	102	50-150	2
Benzo(b)fluoranthene	mg/kg (ppm)	0.5	0.12	118 b	110 b	50-150	7 b
Benzo(k)fluoranthene	mg/kg (ppm)	0.5	0.041	106	105	50-150	1
Benzo(a)pyrene	mg/kg (ppm)	0.5	0.11	102 b	95 b	50-150	7 b
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.5	0.062	95	91	50-150	4
Dibenz(a,h)anthracene	mg/kg (ppm)	0.5	0.014	89	87	50-150	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Naphthalene	mg/kg (ppm)	0.5	76	70-130
2-Methylnaphthalene	mg/kg (ppm)	0.5	80	70-130
1-Methylnaphthalene	mg/kg (ppm)	0.5	95	70-130
Benz(a)anthracene	mg/kg (ppm)	0.5	101	70-130
Chrysene	mg/kg (ppm)	0.5	102	70-130
Benzo(b)fluoranthene	mg/kg (ppm)	0.5	109	70-130
Benzo(k)fluoranthene	mg/kg (ppm)	0.5	98	70-130
Benzo(a)pyrene	mg/kg (ppm)	0.5	90	70-130
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.5	90	70-130
Dibenz(a,h)anthracene	mg/kg (ppm)	0.5	86	70-130

Date of Report: 01/29/25
Date Received: 01/23/25
Project: CVSD Gun Club 0202349-002, F&BI 501298

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL METALS USING EPA METHOD 6020B

Laboratory Code: 501284-31 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	11.6	109 b	104 b	75-125	5 b
Lead	mg/kg (ppm)	50	46.7	80 b	84 b	75-125	5 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	89	80-120
Lead	mg/kg (ppm)	50	101	80-120

Data Qualifiers & Definitions

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

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

ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported between the method detection limit and the lowest calibration point. The value reported is an estimate.

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

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

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

k – The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

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

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

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

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

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

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

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

501298 01/23/25 ISM/F1

SAMPLE CHAIN OF CUSTODY

Page # 1 of 2

Report To: Breeyn Greer
Company: Haley + Aldrich
Address: 505 West Riverside Ave. Ste 450
City, State, ZIP: Spokane, WA 99201
Phone: 612-232-7343 Email: bgreer@haleyaldrich.com

SAMPLERS (signature):

PROJECT NAME: CVSD Gun Club
PO #: 0202349-002

REMARKS: Project Specific Reporting List. 0.005 mg/Kg RL
Project Specific RLs - Yes / No

INVOICE TO: accountspayable@haleyaldrich.com

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

SAMPLE DISPOSAL: Dispose after 30 days / Archive Samples / Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	TSM (PCB cleanup)	cPAHs (Arsenic 2.5x)	Pb EPA 6020	As EPA 6020		Notes
CP_137_2.5	~~1-21-25~~	1-21-25	12:20	soil	1							X	X				Hold 1
CP_136_2.5	02		13:50									X	X				month
CP_135_2.5	03		14:45									X	X				project specific
CP_130_2.5	04		12:25									X	X				list
CP_120_3	05		13:10									X	X				
CP_128_3	06	"	14:00									X	X				
CP_142_2	07	1-22-25	14:15									X	X				
CP_145_2.5	08		13:50									X	X				
CP_146_2	09		13:20									X	X				
C_141_4	10	"	12:40	"	"							X	X	X	X		

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:		Cameron Lueker	H+A	~~1-22-25~~	~~13:~~
Received by:		Nhan Pham	FEBI	1-22-25	15:30
Relinquished by:				01/23/25	10:30
Received by:					

Friedman & Bruya, Inc.
5500 4th Avenue S
Seattle, WA 98108
Ph. (206) 285-8282

FORMS\COC\COC.DOC

Samples received at ___ °C

501298 01/23/25 DSM/F1

SAMPLE CHAIN OF CUSTODY

Page # 2 of 2

Report To Breeyn Greer
Company Haley + Aldrich
Address 505 West Riverside Ave. Ste 450
City, State, ZIP Spokane, WA 99201
Phone 612-232-7343 Email bgreer@haleyaldrich.com

SAMPLERS (*signature*)

PROJECT NAME: CVSD Gun Club
PO #: 0202349-002

REMARKS: Project Specific Reporting List; 0.005 mg/Kg RL
Project Specific RLs - Yes / No

INVOICE TO: accountspayable@haleyaldrich.com

TURNAROUND TIME
Standard Turnaround
RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
Dispose after 30 days
Archive Samples
Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	TSP Processing	cPAHs project specific list				Notes
CP_144_2.5	11	1-22-25	1440	Soil	1							X	X				Hold 1 month for project specific list

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Cameron Lukey	H+A	1-22-25	15:30
Received by:	Nhan Pham	FedEx	01/23/25	1030
Relinquished by:				
Received by:				

Friedman & Bruya, Inc.
5500 4th Avenue S
Seattle, WA 98108
Ph. (206) 285-8282

FORMS\COC\COC.DOC

Samples received at 1 °C

SAMPLE CONDITION UPON RECEIPT CHECKLIST

PROJECT # 501298 CLIENT Haley & Aldrich INITIALS/ DATE: (NP) 01/23/25

If custody seals are present on cooler, are they intact? ☐ NA ☑ YES ☐ NO

Cooler/Sample temperature 1 °C
Thermometer ID: Fluke 96312917

Were samples received on ice/cold packs? ☑ YES ☐ NO

How did samples arrive?
☐ Over the Counter ☐ Picked up by F&BI ☑ FedEx/UPS/GSO

Is there a Chain-of-Custody* (COC)? ☑ YES ☐ NO Initials/ Date: (NP) 01/23
*or other representative documents, letters, and/or shipping memos

Number of days samples have been sitting prior to receipt at laboratory 1>2 days

Are the samples clearly identified? (explain "no" answer below) ☑ YES ☐ NO

Were all sample containers received intact (i.e. not broken, leaking etc.)? (explain "no" answer below) ☑ YES ☐ NO

Were appropriate sample containers used? ☑ YES ☐ NO ☐ Unknown

If custody seals are present on samples, are they intact? ☑ NA ☐ YES ☐ NO

Are samples requiring no headspace, headspace free? ☑ NA ☐ YES ☐ NO

Is the following information provided on the COC, and does it match the sample label?
(explain "no" answer below)

Sample ID's	☑ Yes	☐ No	☐ Not on COC/label
Date Sampled	☑ Yes	☐ No	☐ Not on COC/label
Time Sampled	☑ Yes	☐ No	☐ Not on COC/label
# of Containers	☑ Yes	☐ No	
Relinquished	☑ Yes	☐ No	
Requested analysis	☑ Yes	☐ On Hold	

Other comments (use a separate page if needed)

Air Samples: Were any additional canisters/tubes received? ☑ NA ☐ YES ☐ NO

Number of unused TO15 canisters _____ **Number of unused TO17 tubes** _____

PLACE SHIPPING LABEL
WITHIN BRACKETS

LUKE PEDEN
5095080609
HALEY AND ALDRICH
505 W RIVERSIDE AVE
SPOKANE WA 99201

50 LBS

1 OF 1

DWT: 36,24,12
AH

SHIP TO:
2062858282
FRIEDMAN & BRUYA, INC.
5500 4TH AVE S
SEATTLE WA 98108-2419

WA 981 9-04

UPS NEXT DAY AIR SAVER 1P
TRACKING #: 1Z K8J 639 13 0833 2513

BILLING: P/P

Project Number: 0202349-002
Phase Number: 000

CS 24.9.00. WNTNV50 4.0A 01/2025*

TM

0111370 RRD

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Elizabeth Webber-Bruya
Ann Webber-Bruya
Michael Erdahl
Vineta Mills
Eric Young

5500 4th Ave South
Seattle, WA 98108-2419
(206) 285-8282
office@friedmanandbruya.com
www.friedmanandbruya.com

January 30, 2025

Breeyn Greer, Project Manager
Haley & Aldrich, Inc
505 West Riverside Ave, Suite 450
Spokane, WA 99201

Dear Ms Greer:

Included are the results from the testing of material submitted on January 23, 2025 from the CVSD Gun Club 0202349-002, F&BI 501301 project. There are 13 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
c: Haley Aldrich Data
HNH0130R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on January 23, 2025 by Friedman & Bruya, Inc. from the Haley & Aldrich, Inc CVSD Gun Club 0202349-002, F&BI 501301 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Haley & Aldrich, Inc
501301 -01	CP_110_2.5
501301 -02	CP_121_3
501301 -03	CP_98_3
501301 -04	CP_96_3
501301 -05	CP_94_3
501301 -06	CP_93_3
501301 -07	CP_122_3
501301 -08	CP_109_3

All quality control requirements were acceptable.

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_110_2.5	Client:	Haley & Aldrich, Inc
Date Received:	01/23/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/28/25	Lab ID:	501301-01
Date Analyzed:	01/28/25	Data File:	012810.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	104	50	150
Benz(a)anthracene-d12	126	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.024
2-Methylnaphthalene	0.021
1-Methylnaphthalene	0.014
Benz(a)anthracene	1.7
Chrysene	1.8
Benzo(a)pyrene	2.5
Benzo(b)fluoranthene	2.4
Benzo(k)fluoranthene	0.65
Indeno(1,2,3-cd)pyrene	1.4
Dibenz(a,h)anthracene	0.32

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_121_3	Client:	Haley & Aldrich, Inc
Date Received:	01/23/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/28/25	Lab ID:	501301-02
Date Analyzed:	01/28/25	Data File:	012811.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	104	50	150
Benz(a)anthracene-d12	120	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.14
Chrysene	0.15
Benzo(a)pyrene	0.19
Benzo(b)fluoranthene	0.21
Benzo(k)fluoranthene	0.070
Indeno(1,2,3-cd)pyrene	0.12
Dibenz(a,h)anthracene	0.025

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_98_3	Client:	Haley & Aldrich, Inc
Date Received:	01/23/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/28/25	Lab ID:	501301-03
Date Analyzed:	01/28/25	Data File:	012812.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	104	50	150
Benz(a)anthracene-d12	114	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.24
Chrysene	0.25
Benzo(a)pyrene	0.31
Benzo(b)fluoranthene	0.34
Benzo(k)fluoranthene	0.12
Indeno(1,2,3-cd)pyrene	0.21
Dibenz(a,h)anthracene	0.042

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_96_3	Client:	Haley & Aldrich, Inc
Date Received:	01/23/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/28/25	Lab ID:	501301-04 1/5
Date Analyzed:	01/28/25	Data File:	012813.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	165 d	50	150
Benz(a)anthracene-d12	132 d	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.025
2-Methylnaphthalene	<0.025
1-Methylnaphthalene	<0.025
Benz(a)anthracene	0.63
Chrysene	0.68
Benzo(a)pyrene	0.88
Benzo(b)fluoranthene	0.92
Benzo(k)fluoranthene	0.31
Indeno(1,2,3-cd)pyrene	0.47
Dibenz(a,h)anthracene	0.10

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_94_3	Client:	Haley & Aldrich, Inc
Date Received:	01/23/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/28/25	Lab ID:	501301-05 1/5
Date Analyzed:	01/28/25	Data File:	012814.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	212 d	50	150
Benz(a)anthracene-d12	206 d	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.033
2-Methylnaphthalene	<0.025
1-Methylnaphthalene	<0.025
Benz(a)anthracene	2.8
Chrysene	3.0
Benzo(a)pyrene	3.7
Benzo(b)fluoranthene	4.5
Benzo(k)fluoranthene	1.6
Indeno(1,2,3-cd)pyrene	2.6
Dibenz(a,h)anthracene	0.48

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_93_3	Client:	Haley & Aldrich, Inc
Date Received:	01/23/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/28/25	Lab ID:	501301-06 1/5
Date Analyzed:	01/28/25	Data File:	012815.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	197 d	50	150
Benz(a)anthracene-d12	152 d	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.025
2-Methylnaphthalene	<0.025
1-Methylnaphthalene	<0.025
Benz(a)anthracene	0.42
Chrysene	0.50
Benzo(a)pyrene	0.53
Benzo(b)fluoranthene	0.63
Benzo(k)fluoranthene	0.19
Indeno(1,2,3-cd)pyrene	0.33
Dibenz(a,h)anthracene	0.069

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_122_3	Client:	Haley & Aldrich, Inc
Date Received:	01/23/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/28/25	Lab ID:	501301-07
Date Analyzed:	01/28/25	Data File:	012816.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	104	50	150
Benz(a)anthracene-d12	111	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.068
Chrysene	0.079
Benzo(a)pyrene	0.089
Benzo(b)fluoranthene	0.11
Benzo(k)fluoranthene	0.031
Indeno(1,2,3-cd)pyrene	0.065
Dibenz(a,h)anthracene	0.014

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_109_3	Client:	Haley & Aldrich, Inc
Date Received:	01/23/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/28/25	Lab ID:	501301-08
Date Analyzed:	01/28/25	Data File:	012817.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	89	50	150
Benz(a)anthracene-d12	113	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.11
Chrysene	0.14

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_109_3	Client:	Haley & Aldrich, Inc
Date Received:	01/23/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/28/25	Lab ID:	501301-08 1/5
Date Analyzed:	01/29/25	Data File:	012917.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	DBA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	145 d	50	150
Benz(a)anthracene-d12	104 d	50	150

Compounds:	Concentration mg/kg (ppm)
Benzo(a)pyrene	0.15
Benzo(b)fluoranthene	0.19
Benzo(k)fluoranthene	0.057
Indeno(1,2,3-cd)pyrene	0.095
Dibenz(a,h)anthracene	<0.025

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	Method Blank	Client:	Haley & Aldrich, Inc
Date Received:	Not Applicable	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/28/25	Lab ID:	05-0301 mb
Date Analyzed:	01/28/25	Data File:	012809.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	109	50	150
Benz(a)anthracene-d12	118	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	<0.005
Chrysene	<0.005
Benzo(a)pyrene	<0.005
Benzo(b)fluoranthene	<0.005
Benzo(k)fluoranthene	<0.005
Indeno(1,2,3-cd)pyrene	<0.005
Dibenz(a,h)anthracene	<0.005

Date of Report: 01/30/25
Date Received: 01/23/25
Project: CVSD Gun Club 0202349-002, F&BI 501301

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR PAHS BY EPA METHOD 8270E SIM

Laboratory Code: 501301-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.5	0.023	125	127	50-150	2
2-Methylnaphthalene	mg/kg (ppm)	0.5	0.020	122	113	50-150	8
1-Methylnaphthalene	mg/kg (ppm)	0.5	0.013	125	116	50-150	7
Benz(a)anthracene	mg/kg (ppm)	0.5	1.6	37 b	3 b	50-150	170 b
Chrysene	mg/kg (ppm)	0.5	1.7	9 b	0 b	50-150	0 b
Benzo(b)fluoranthene	mg/kg (ppm)	0.5	2.3	50 b	0 b	50-150	0 b
Benzo(k)fluoranthene	mg/kg (ppm)	0.5	0.62	156 b	121 b	50-150	25 b
Benzo(a)pyrene	mg/kg (ppm)	0.5	2.4	0 b	0 b	50-150	0 b
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.5	1.3	54 b	47 b	50-150	14 b
Dibenz(a,h)anthracene	mg/kg (ppm)	0.5	0.31	87 b	79 b	50-150	10 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Naphthalene	mg/kg (ppm)	0.5	117	70-130
2-Methylnaphthalene	mg/kg (ppm)	0.5	115	70-130
1-Methylnaphthalene	mg/kg (ppm)	0.5	117	70-130
Benz(a)anthracene	mg/kg (ppm)	0.5	130	70-130
Chrysene	mg/kg (ppm)	0.5	124	70-130
Benzo(b)fluoranthene	mg/kg (ppm)	0.5	123	70-130
Benzo(k)fluoranthene	mg/kg (ppm)	0.5	121	70-130
Benzo(a)pyrene	mg/kg (ppm)	0.5	109	70-130
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.5	123	70-130
Dibenz(a,h)anthracene	mg/kg (ppm)	0.5	122	70-130

Data Qualifiers & Definitions

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

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

ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported between the method detection limit and the lowest calibration point. The value reported is an estimate.

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

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

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

k – The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

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

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

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

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

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

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

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

501301

SAMPLE CHAIN OF CUSTODY

01/23/25 ISM/FI

Page # 1 of 1

Report To Breeyn Greer

Company

Address 505 West Riverside Ave. Ste 450

City, State, ZIP Spokane, WA 99201

Phone 612-232-7343 Email bgreer@haleyaldrich.com

SAMPLERS (*signature*) Com L

PROJECT NAME: CVSD Gun Club

PO #: 0202349-002

REMARKS: Project Specific Reporting List; 0.005 mg/Kg RL

Project Specific RLs - Yes / No

INVOICE TO: accountspayable@haleyaldrich.com

TURNAROUND TIME: Standard Turnaround ~~RUSH~~

Rush charges authorized by:

SAMPLE DISPOSAL: Dispose after 30 days / Archive Samples / Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Ism Arsenic	cPAHs Project specific List	Pb EPA 6020	As EPA 6020		Notes
CP_110_2.5	01	1-20-25	14:30	Soil	1							X	X				Project specific List
CP_121_3	02	1-20-25	15:15									X	X				
CP_98_3	03		13:40									X	X				
CP_96_3	04		1410									X	X				
CP_94_3	05		1400									X	X				
CP_93_3	06		13:30									X	X				
CP_122_3	07		15:40									X	X				
CP_109_3	08		14:45									X	X				

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Cameron Luckey	Cameron Luckey	Haley + Aldrich	1-21-25	10:30
Received by:	Nhan Phan	FEBI	01/23/25	1030
Relinquished by:		Samples received at 2 °C		
Received by:				

Friedman & Bruya, Inc.
5500 4th Avenue S
Seattle, WA 98108
Ph. (206) 285-8282

FORMS\COC\COC.DOC

SAMPLE CONDITION UPON RECEIPT CHECKLIST

PROJECT # 501301 CLIENT Haley & Aldrich INITIALS/ DATE: DP 01/23

If custody seals are present on cooler, are they intact? ☒ NA ☐ YES ☐ NO

Cooler/Sample temperature 2 °C
Thermometer ID: Fluke 96312917

Were samples received on ice/cold packs? ☒ YES ☐ NO

How did samples arrive?
☐ Over the Counter ☐ Picked up by F&BI ☐ FedEx/UPS/GSO

Is there a Chain-of-Custody* (COC)? ☒ YES ☐ NO Initials/ Date: AP 01/23/25
*or other representative documents, letters, and/or shipping memos

Number of days samples have been sitting prior to receipt at laboratory 3 days

Are the samples clearly identified? (explain "no" answer below) ☒ YES ☐ NO

Were all sample containers received intact (i.e. not broken, leaking etc.)? (explain "no" answer below) ☒ YES ☐ NO

Were appropriate sample containers used? ☒ YES ☐ NO ☐ Unknown

If custody seals are present on samples, are they intact? ☒ NA ☐ YES ☐ NO

Are samples requiring no headspace, headspace free? ☒ NA ☐ YES ☐ NO

Is the following information provided on the COC, and does it match the sample label?
(explain "no" answer below)

Sample ID's	☒ Yes ☐ No	☐ Not on COC/label
Date Sampled	☒ Yes ☐ No	☐ Not on COC/label
Time Sampled	☒ Yes ☐ No	☐ Not on COC/label
# of Containers	☒ Yes ☐ No	
Relinquished	☒ Yes ☐ No	
Requested analysis	☒ Yes ☐ On Hold	

Other comments (use a separate page if needed)

Air Samples: Were any additional canisters/tubes received? ☒ NA ☐ YES ☐ NO

Number of unused TO15 canisters _____ Number of unused TO17 tubes _____

UPS CampusShip: View/Print Label

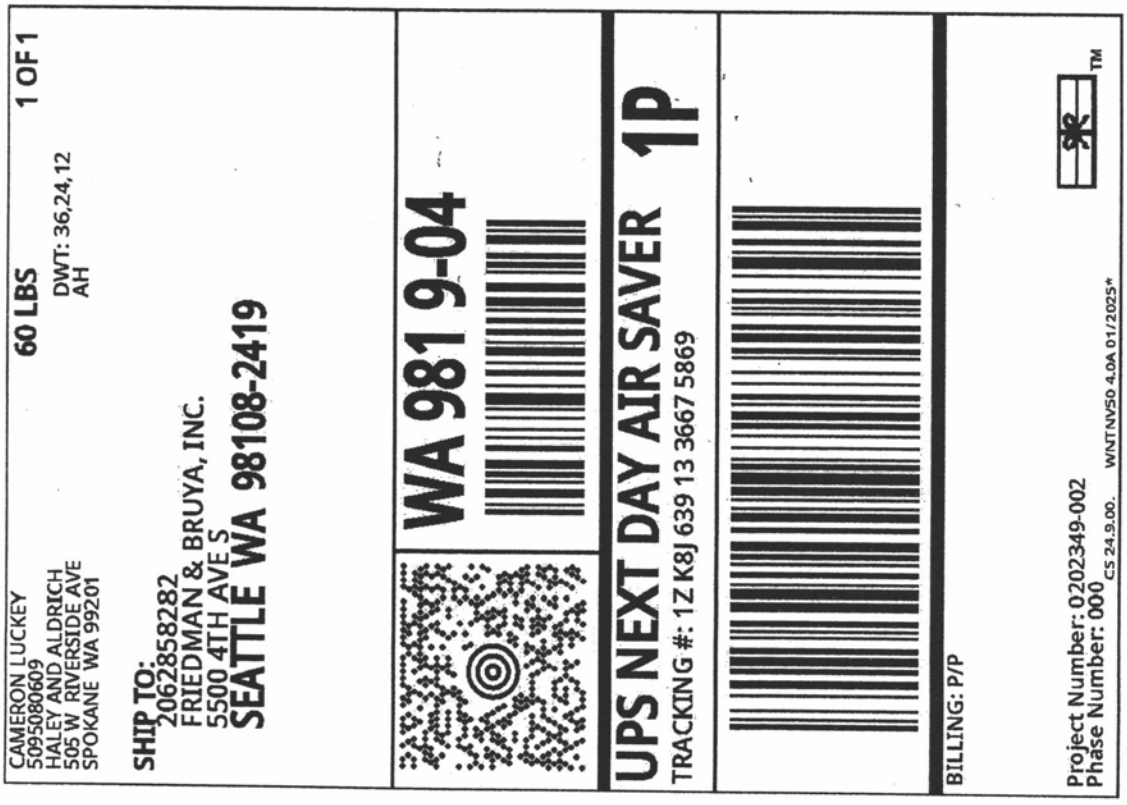
1. **Ensure there are no other shipping or tracking labels attached to your package.** Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.

2. **Fold the printed label at the solid line below.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.

3. **GETTING YOUR SHIPMENT TO UPS**
   Customers with a Daily Pickup
   Your driver will pickup your shipment(s) as usual.

   Customers without a Daily Pickup
   Schedule a same day or future day Pickup to have a UPS driver pickup all your CampusShip packages.
   Hand the package to any UPS driver in your area.
   Take your package to any location of The UPS Store®, UPS Drop Box, UPS Customer Center, Staples® or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.

FOLD HERE



FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Elizabeth Webber-Bruya
Ann Webber-Bruya
Michael Erdahl
Vineta Mills
Eric Young

5500 4th Ave South
Seattle, WA 98108-2419
(206) 285-8282
office@friedmanandbruya.com
www.friedmanandbruya.com

January 31, 2025

Breeyn Greer, Project Manager
Haley & Aldrich, Inc
505 west Riverside Ave, Suite 450
Spokane, WA 99201

Dear Ms Greer:

Included are the results from the testing of material submitted on January 24, 2025 from the CVSD Gun Club 0202349-002, F&BI 501335 project. There are 13 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
c: Haley Aldrich Data
HNH0131R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on January 24, 2025 by Friedman & Bruya, Inc. from the Haley & Aldrich, Inc CVSD Gun Club 0202349-002, F&BI 501335 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Haley & Aldrich, Inc
501335 -01	C_139_3
501335 -02	CP_126_3
501335 -03	C_138_2
501335 -04	C_143_3

All quality control requirements were acceptable.

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	C_139_3	Client:	Haley & Aldrich, Inc
Date Received:	01/24/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/28/25	Lab ID:	501335-01
Date Analyzed:	01/28/25	Data File:	012818.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	107	50	150
Benz(a)anthracene-d12	115	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.24
Chrysene	0.27
Benzo(a)pyrene	0.31
Benzo(b)fluoranthene	0.37
Benzo(k)fluoranthene	0.11
Indeno(1,2,3-cd)pyrene	0.22
Dibenz(a,h)anthracene	0.041

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_126_3	Client:	Haley & Aldrich, Inc
Date Received:	01/24/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/28/25	Lab ID:	501335-02
Date Analyzed:	01/28/25	Data File:	012819.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	123	50	150
Benz(a)anthracene-d12	131	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.10
Chrysene	0.12
Benzo(a)pyrene	0.13
Benzo(b)fluoranthene	0.15
Benzo(k)fluoranthene	0.049
Indeno(1,2,3-cd)pyrene	0.086
Dibenz(a,h)anthracene	0.016

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	C_138_2	Client:	Haley & Aldrich, Inc
Date Received:	01/24/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/29/25	Lab ID:	501335-03
Date Analyzed:	01/29/25	Data File:	012918.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	DBA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	95	50	150
Benz(a)anthracene-d12	98	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.12
Chrysene	0.12
Benzo(a)pyrene	0.13
Benzo(b)fluoranthene	0.15
Benzo(k)fluoranthene	0.047
Indeno(1,2,3-cd)pyrene	0.079
Dibenz(a,h)anthracene	0.015

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	C_143_3	Client:	Haley & Aldrich, Inc
Date Received:	01/24/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/28/25	Lab ID:	501335-04
Date Analyzed:	01/28/25	Data File:	012821.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	112	50	150
Benz(a)anthracene-d12	122	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.12
Chrysene	0.15
Benzo(a)pyrene	0.16
Benzo(b)fluoranthene	0.18
Benzo(k)fluoranthene	0.059
Indeno(1,2,3-cd)pyrene	0.10
Dibenz(a,h)anthracene	0.020

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	Method Blank	Client:	Haley & Aldrich, Inc
Date Received:	Not Applicable	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/28/25	Lab ID:	05-0301 mb
Date Analyzed:	01/28/25	Data File:	012809.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	109	50	150
Benz(a)anthracene-d12	118	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	<0.005
Chrysene	<0.005
Benzo(a)pyrene	<0.005
Benzo(b)fluoranthene	<0.005
Benzo(k)fluoranthene	<0.005
Indeno(1,2,3-cd)pyrene	<0.005
Dibenz(a,h)anthracene	<0.005

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	Method Blank	Client:	Haley & Aldrich, Inc
Date Received:	Not Applicable	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/29/25	Lab ID:	05-0301 mb2
Date Analyzed:	01/29/25	Data File:	012913.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	DBA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	97	50	150
Benz(a)anthracene-d12	104	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	<0.005
Chrysene	<0.005
Benzo(a)pyrene	<0.005
Benzo(b)fluoranthene	<0.005
Benzo(k)fluoranthene	<0.005
Indeno(1,2,3-cd)pyrene	<0.005
Dibenz(a,h)anthracene	<0.005

Analysis For Total Metals By EPA Method 6020B

Client ID:	C_139_3	Client:	Haley & Aldrich, Inc
Date Received:	01/24/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/27/25	Lab ID:	501335-01
Date Analyzed:	01/27/25	Data File:	501335-01.058
Matrix:	Soil	Instrument:	ICPMS3
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	10
Lead	21

Analysis For Total Metals By EPA Method 6020B

Client ID:	C_138_2	Client:	Haley & Aldrich, Inc
Date Received:	01/24/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/27/25	Lab ID:	501335-03
Date Analyzed:	01/27/25	Data File:	501335-03.059
Matrix:	Soil	Instrument:	ICPMS3
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Lead	19

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Haley & Aldrich, Inc
Date Received:	Not Applicable	Project:	CVSD Gun Club 0202349-002
Date Extracted:	01/27/25	Lab ID:	I5-71 mb
Date Analyzed:	01/27/25	Data File:	I5-71 mb.039
Matrix:	Soil	Instrument:	ICPMS3
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1
Lead	<1

Date of Report: 01/31/25
Date Received: 01/24/25
Project: CVSD Gun Club 0202349-002, F&BI 501335

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR PAHS BY EPA METHOD 8270E SIM

Laboratory Code: 501301-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.5	0.023	125	127	50-150	2
2-Methylnaphthalene	mg/kg (ppm)	0.5	0.020	122	113	50-150	8
1-Methylnaphthalene	mg/kg (ppm)	0.5	0.013	125	116	50-150	7
Benz(a)anthracene	mg/kg (ppm)	0.5	1.6	37 b	3 b	50-150	170 b
Chrysene	mg/kg (ppm)	0.5	1.7	9 b	0 b	50-150	0 b
Benzo(b)fluoranthene	mg/kg (ppm)	0.5	2.3	50 b	0 b	50-150	0 b
Benzo(k)fluoranthene	mg/kg (ppm)	0.5	0.62	156 b	121 b	50-150	25 b
Benzo(a)pyrene	mg/kg (ppm)	0.5	2.4	0 b	0 b	50-150	0 b
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.5	1.3	54 b	47 b	50-150	14 b
Dibenz(a,h)anthracene	mg/kg (ppm)	0.5	0.31	87 b	79 b	50-150	10 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Naphthalene	mg/kg (ppm)	0.5	117	70-130
2-Methylnaphthalene	mg/kg (ppm)	0.5	115	70-130
1-Methylnaphthalene	mg/kg (ppm)	0.5	117	70-130
Benz(a)anthracene	mg/kg (ppm)	0.5	130	70-130
Chrysene	mg/kg (ppm)	0.5	124	70-130
Benzo(b)fluoranthene	mg/kg (ppm)	0.5	123	70-130
Benzo(k)fluoranthene	mg/kg (ppm)	0.5	121	70-130
Benzo(a)pyrene	mg/kg (ppm)	0.5	109	70-130
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.5	123	70-130
Dibenz(a,h)anthracene	mg/kg (ppm)	0.5	122	70-130

Date of Report: 01/31/25
Date Received: 01/24/25
Project: CVSD Gun Club 0202349-002, F&BI 501335

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL METALS USING EPA METHOD 6020B

Laboratory Code: 501341-01 x5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	<5	104	95	75-125	9
Lead	mg/kg (ppm)	50	12.3	106 b	103 b	75-125	3 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	93	80-120
Lead	mg/kg (ppm)	50	99	80-120

Data Qualifiers & Definitions

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

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

ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported between the method detection limit and the lowest calibration point. The value reported is an estimate.

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

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

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

k – The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

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

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

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

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

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

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

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

501335

SAMPLE CHAIN OF CUSTODY

01/24/25

ISM/FI 1 1

Page # ____ of ____

Report To Breeyn Greer

Company

Address 505 West Riverside Ave. Ste 450

City, State, ZIP Spokane, WA 99201

Phone 612-232-7343 Email bgreer@haleyaldrich.com

SAMPLERS (*signature*) Abdelghani Sebbar

PROJECT NAME: CVSD Gun Club

PO #: 0202349-002

REMARKS: Project Specific Reporting List; 0.005 mg/Kg RL

Project Specific RLs - Yes / No

INVOICE TO: accountspayable@haleyaldrich.com

TURNAROUND TIME
Standard Turnaround
RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
Dispose after 30 days
Archive Samples
Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars AP 01/24	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	cPAHs	PB	AS			Notes
C-139-3	01	1-23-25	1445	Soil	1							X	X	X			
CP-126-3	02	1-23-25	1245	"	"							X					
C-138-2	03	1-23-25	1215	"	"							X	X				
C-143-3	04	1-22-25	1530	"	"							X					

Samples received at 2 °C

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Abdelghani Sebbar	Abdelghani Sebbar	H&A	1-23-24	1545
Received by: Nhan Pham	Nhan Pham	FBI	01/24/25	1252
Relinquished by:				
Received by:				

Friedman & Bruya, Inc.
5500 4th Avenue S
Seattle, WA 98108
Ph. (206) 285-8282

SAMPLE CONDITION UPON RECEIPT CHECKLIST

PROJECT # 501335 CLIENT HNA INITIALS/ DATE: (NP) 01/24/25

If custody seals are present on cooler, are they intact? ☐ NA ☑ YES ☐ NO

Cooler/Sample temperature 2 °C
Thermometer ID: Fluke 96312917

Were samples received on ice/cold packs? ☑ YES ☐ NO

How did samples arrive?
☐ Over the Counter ☐ Picked up by F&BI ☑ FedEx/UPS/GSO

Is there a Chain-of-Custody* (COC)? ☑ YES ☐ NO Initials/ Date: AP 01/24/25
*or other representative documents, letters, and/or shipping memos

Number of days samples have been sitting prior to receipt at laboratory 1 days

Are the samples clearly identified? (explain "no" answer below) ☑ YES ☐ NO

Were all sample containers received intact (i.e. not broken, leaking etc.)? (explain "no" answer below) ☑ YES ☐ NO

Were appropriate sample containers used? ☑ YES ☐ NO ☐ Unknown

If custody seals are present on samples, are they intact? ☑ NA ☐ YES ☐ NO

Are samples requiring no headspace, headspace free? ☑ NA ☐ YES ☐ NO

Is the following information provided on the COC, and does it match the sample label?
(explain "no" answer below)

Sample ID's	☑ Yes ☐ No	☐ Not on COC/label
Date Sampled	☑ Yes ☐ No	☐ Not on COC/label
Time Sampled	☑ Yes ☐ No	☐ Not on COC/label
# of Containers	☐ Yes ☑ No	Added on COC at lab
Relinquished	☑ Yes ☐ No	
Requested analysis	☑ Yes ☐ On Hold	

Other comments (use a separate page if needed)

Air Samples: Were any additional canisters/tubes received? ☑ NA ☐ YES ☐ NO

Number of unused TO15 canisters _____ **Number of unused TO17 tubes** _____

DO NOT LIFT USING
THIS TAG

PLACE SHIPPING LABEL
WITHIN BRACK

30 LBS
SHP WT: 30
DATE: 23 J
AH

GHANI SEBBANE
(425) 368-8574
THE UPS STORE #3037
1324 N LIBERTY LAKE RD
LIBERTY LAKE WA 99019-8523

SHIP FRIEDMAN AND BRUYA INC.
TO: 5500 4TH AVE S

SEATTLE WA 98108-2419

WA 981 9-04

UPS NEXT DAY AIR SAVER 1P

TRACKING #: 1Z A07 T27 13 5595 8095

BILLING: P/P

FRIEDMAN AND BRUYA INC.
5500 4TH AVE S

SEATTLE WA 98108

P: ORANGE S: 3100 I: OB3

06C-5513 X

1ZA07T27135595 8095 2330

XYG4HPN WASEA531UDC JAN 24 06:03:14 2025
US 9811 HIP 24.3.1 ZD621R

01113701 5/19 RRD

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Elizabeth Webber-Bruya
Ann Webber-Bruya
Michael Erdahl
Vineta Mills
Eric Young

5500 4th Ave South
Seattle, WA 98108-2419
(206) 285-8282
office@friedmanandbruya.com
www.friedmanandbruya.com

February 5, 2025

Breeyn Greer, Project Manager
Haley & Aldrich, Inc
505 west Riverside Ave, Suite 450
Spokane, WA 99201

Dear Ms Greer:

Included are the additional results from the testing of material submitted on January 17, 2025 from the CVSD 0202349, F&BI 501221 project. There are 12 pages included in this report.

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

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
c: Haley Aldrich Data
HNH0205R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on January 17, 2025 by Friedman & Bruya, Inc. from the Haley & Aldrich, Inc CVSD 0202349, F&BI 501221 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Haley & Aldrich, Inc
501221 -01	CP_35_3
501221 -02	CP_46_3
501221 -03	CP_47_3
501221 -04	CP_55_2.5
501221 -05	CP_54_2.5

The 8270E laboratory control sample and laboratory control sample duplicate did not meet the relative percent difference for dibenz(a,h)anthracene. The analyte was not detected therefore the data were acceptable.

All other quality control requirements were acceptable.

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_46b_3	Client:	Haley & Aldrich, Inc
Date Received:	01/17/25	Project:	CVSD 0202349, F&BI 501221
Date Extracted:	01/30/25	Lab ID:	501221-02
Date Analyzed:	01/30/25	Data File:	013017.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	DBA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	86	50	150
Benz(a)anthracene-d12	108	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.047
Chrysene	0.050

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_46b_3	Client:	Haley & Aldrich, Inc
Date Received:	01/17/25	Project:	CVSD 0202349, F&BI 501221
Date Extracted:	01/30/25	Lab ID:	501221-02 1/5
Date Analyzed:	01/31/25	Data File:	013133.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	132 d	50	150
Benz(a)anthracene-d12	111 d	50	150

Compounds:	Concentration mg/kg (ppm)
Benzo(a)pyrene	0.053
Benzo(b)fluoranthene	0.066
Benzo(k)fluoranthene	<0.025
Indeno(1,2,3-cd)pyrene	0.040
Dibenz(a,h)anthracene	<0.025

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_46c_3	Client:	Haley & Aldrich, Inc
Date Received:	01/17/25	Project:	CVSD 0202349, F&BI 501221
Date Extracted:	01/30/25	Lab ID:	501221-02
Date Analyzed:	01/30/25	Data File:	013018.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	DBA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	84	50	150
Benz(a)anthracene-d12	91	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.052
Chrysene	0.065

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_46c_3	Client:	Haley & Aldrich, Inc
Date Received:	01/17/25	Project:	CVSD 0202349, F&BI 501221
Date Extracted:	01/30/25	Lab ID:	501221-02 1/5
Date Analyzed:	01/31/25	Data File:	013134.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	134 d	50	150
Benz(a)anthracene-d12	108 d	50	150

Compounds:	Concentration mg/kg (ppm)
Benzo(a)pyrene	0.059
Benzo(b)fluoranthene	0.076
Benzo(k)fluoranthene	<0.025
Indeno(1,2,3-cd)pyrene	0.043
Dibenz(a,h)anthracene	<0.025

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_47b_3	Client:	Haley & Aldrich, Inc
Date Received:	01/17/25	Project:	CVSD 0202349, F&BI 501221
Date Extracted:	01/30/25	Lab ID:	501221-03
Date Analyzed:	01/30/25	Data File:	013019.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	DBA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	91	50	150
Benz(a)anthracene-d12	106	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.13
Chrysene	0.13

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_47b_3	Client:	Haley & Aldrich, Inc
Date Received:	01/17/25	Project:	CVSD 0202349, F&BI 501221
Date Extracted:	01/30/25	Lab ID:	501221-03 1/5
Date Analyzed:	01/31/25	Data File:	013135.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	133 d	50	150
Benz(a)anthracene-d12	118 d	50	150

Compounds:	Concentration mg/kg (ppm)
Benzo(a)pyrene	0.15
Benzo(b)fluoranthene	0.17
Benzo(k)fluoranthene	0.052
Indeno(1,2,3-cd)pyrene	0.10
Dibenz(a,h)anthracene	<0.025

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_47c_3	Client:	Haley & Aldrich, Inc
Date Received:	01/17/25	Project:	CVSD 0202349, F&BI 501221
Date Extracted:	01/30/25	Lab ID:	501221-03
Date Analyzed:	01/30/25	Data File:	013020.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	DBA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	94	50	150
Benz(a)anthracene-d12	109	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.12
Chrysene	0.13

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_47c_3	Client:	Haley & Aldrich, Inc
Date Received:	01/17/25	Project:	CVSD 0202349, F&BI 501221
Date Extracted:	01/30/25	Lab ID:	501221-03 1/5
Date Analyzed:	01/31/25	Data File:	013136.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	134 d	50	150
Benz(a)anthracene-d12	112 d	50	150

Compounds:	Concentration mg/kg (ppm)
Benzo(a)pyrene	0.13
Benzo(b)fluoranthene	0.17
Benzo(k)fluoranthene	0.052
Indeno(1,2,3-cd)pyrene	0.095
Dibenz(a,h)anthracene	<0.025

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	Method Blank	Client:	Haley & Aldrich, Inc
Date Received:	Not Applicable	Project:	CVSD 0202349, F&BI 501221
Date Extracted:	01/30/25	Lab ID:	05-0234 mb
Date Analyzed:	01/30/25	Data File:	013016.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	DBA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	94	50	150
Benz(a)anthracene-d12	104	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	<0.005
Chrysene	<0.005
Benzo(a)pyrene	<0.005
Benzo(b)fluoranthene	<0.005
Benzo(k)fluoranthene	<0.005
Indeno(1,2,3-cd)pyrene	<0.005
Dibenz(a,h)anthracene	<0.005

Date of Report: 02/05/25
Date Received: 01/17/25
Project: CVSD 0202349, F&BI 501221

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR PAHS BY EPA METHOD 8270E SIM

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.5	99	98	70-130	1
2-Methylnaphthalene	mg/kg (ppm)	0.5	92	89	70-130	3
1-Methylnaphthalene	mg/kg (ppm)	0.5	94	92	70-130	2
Benz(a)anthracene	mg/kg (ppm)	0.5	100	107	70-130	7
Chrysene	mg/kg (ppm)	0.5	104	111	70-130	7
Benzo(b)fluoranthene	mg/kg (ppm)	0.5	102	110	70-130	8
Benzo(k)fluoranthene	mg/kg (ppm)	0.5	100	110	70-130	10
Benzo(a)pyrene	mg/kg (ppm)	0.5	86	87	70-130	1
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.5	86	104	70-130	19
Dibenz(a,h)anthracene	mg/kg (ppm)	0.5	82	101	70-130	21 vo

Data Qualifiers & Definitions

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

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

ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported between the method detection limit and the lowest calibration point. The value reported is an estimate.

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

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

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

k – The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

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

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

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

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

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

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

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

HALEY ALDRICH

Haley & Aldrich, Inc.
505 W Riverside Ave.,
STE 450,
Spokane, WA 99201-0513

501221

CHAIN OF CUSTODY RECORD

01/17/25 ISM/FI

Phone (509) 960-7447
Fax (509) 960-7447
Page 1 of 1

H&A FILE NO. 0227349
PROJECT NAME CVSD
H&A CONTACT Breeyn Greey

LABORATORY Friedman & Bruya
ADDRESS 5500 4th Ave S, Seattle, WA 98108
CONTACT

DELIVERY DATE 1/16/25
TURNAROUND TIME Standard
PROJECT MANAGER Breeyn Greey

Lab ID	Sample No.	Date	Time	Depth	Type	PAH Project Spec. List	ISM Processing	cPAHb+c test	Number of Containers	Comments(special instructions, precautions, additional method numbers, etc.)
01	CP_35_3	1/16/25	9:35	3'	Soil	X	X		1	Laboratory to use applicable DEP CAM methods, unless otherwise directed.
02	CP_46_3	1/16/25	10:30	3'	Soil	X	X	A	1	-Archive for 1 month
03	CP_47_3	1/16/25	11:10	3'	Soil	X	X	A	1	-PAH Project Specific List
04	CP_55_2.5	1/16/25	11:55	2.5' [redacted]	Soil	X	X		1	-ISM Processing
05	CP_54_2.5	1/16/25	12:30	2.5' [redacted]	Soil	X	X		1	A-per LP 01/28/25 ME

Samples received at 2 °C

Sampled and Relinquished by	Received by
Sign	Sign
Print Luke Peden	Print Anh Phan
Firm Haley & Aldrich	Firm FBI
Date 1/16/25 Time 15:30	Date 01/17/25 Time 11:27
Relinquished by	**Received by**
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time
Relinquished by	**Received by**
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time

LIQUID	
	VOA Vial
	Amber Glass
	Plastic Bottle
	Preservative
	Volume

SOLID	
	VOA Vial
	Amber Glass
	Clear Glass
	Preservative
	Volume

PRESERVATION KEY

A Sample chilled C NaOH E H_2SO_4 G Methanol
B Sample filtered D HNO_3 F HCL H Water/NaHSO4 (circle)

Sampling Comments

Evidence samples were tampered with? YES NO
If YES, please explain in section below.

Presumptive Certainty Data Package (Laboratory to use applicable DEP CAM methods)

If Presumptive Certainty Data Package is needed, initial all sections:

_____ The required minimum field QC samples, as designated in BWSC CAM-VII have been or will be collected, as appropriate, to meet the requirements of Presumptive Certainty.
_____ Matrix Spike (MS) samples for MCP Metals and/or Cyanide are included and identified herein.
_____ This Chain of Custody Record (specify) _____ includes _____ does not include samples defined as Drinking Water Samples.
_____ If this Chain of Custody Record identifies samples defined as Drinking Water Samples, Trip Blanks and Field Duplicates are included and identified and analysis of TICs are required, as a

Required Reporting Limits and Data Quality Objectives

☐ RC-S1 ☐ S1 ☐ GW1
☐ RC-S2 ☐ S2 ☐ GW2
☐ RC-GW1 ☐ S3 ☐ GW3
☐ RC-GW2

WHITE - Laboratory CANARY - Project Manager PINK - Haley & Aldrich Laboratory

Form 3003

November 2024

SAMPLE CONDITION UPON RECEIPT CHECKLIST

PROJECT # 501221 CLIENT HNA INITIALS/ DATE: AP 01/17/25

If custody seals are present on cooler, are they intact? ☑ NA ☐ YES ☐ NO

Cooler/Sample temperature 2 °C
Thermometer ID: Fluke 96312917

Were samples received on ice/cold packs? ☑ YES ☐ NO

How did samples arrive?
☐ Over the Counter ☐ Picked up by F&BI ☑ FedEx/UPS/GSO

Is there a Chain-of-Custody* (COC)? ☑ YES ☐ NO Initials/ Date: AP 01/17/25
*or other representative documents, letters, and/or shipping memos

Number of days samples have been sitting prior to receipt at laboratory 1 days

Are the samples clearly identified? (explain "no" answer below) ☑ YES ☐ NO

Were all sample containers received intact (i.e. not broken, leaking etc.)? (explain "no" answer below) ☑ YES ☐ NO

Were appropriate sample containers used? ☑ YES ☐ NO ☐ Unknown

If custody seals are present on samples, are they intact? ☑ NA ☐ YES ☐ NO

Are samples requiring no headspace, headspace free? ☑ NA ☐ YES ☐ NO

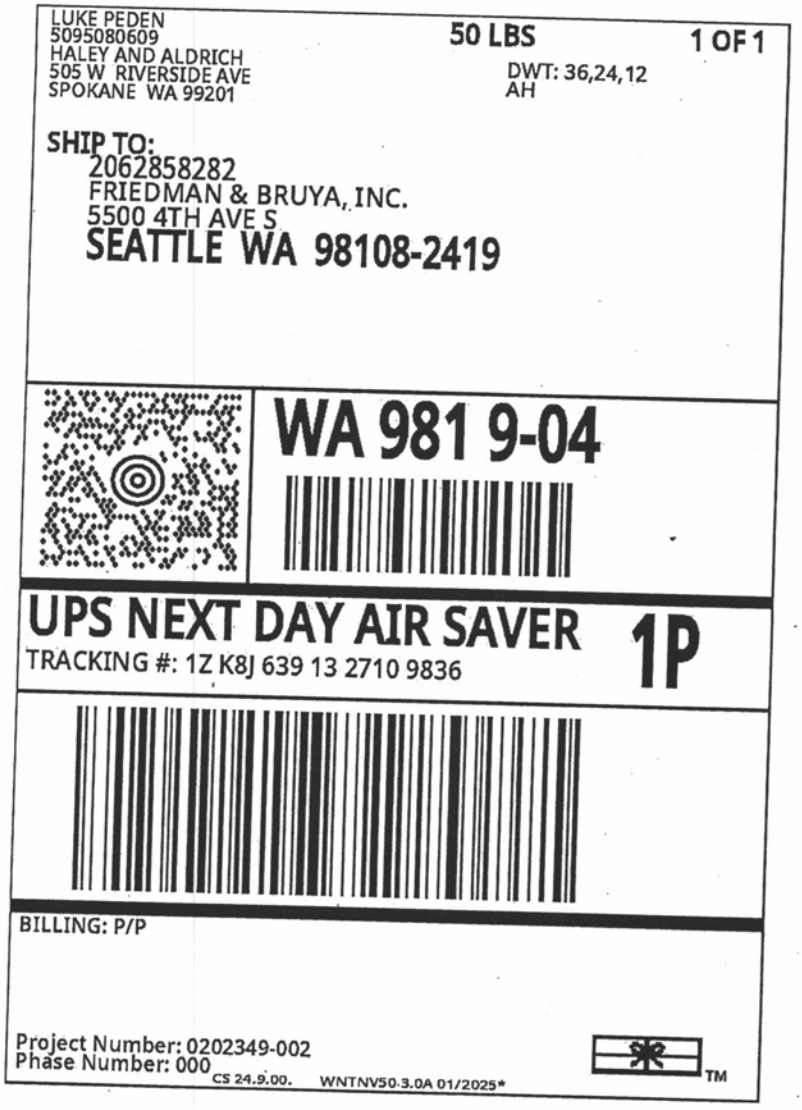
Is the following information provided on the COC, and does it match the sample label?
(explain "no" answer below)

Sample ID's	☑ Yes ☐ No	☐ Not on COC/label
Date Sampled	☑ Yes ☐ No	☐ Not on COC/label
Time Sampled	☑ Yes ☐ No	☐ Not on COC/label
# of Containers	☑ Yes ☐ No	
Relinquished	☑ Yes ☐ No	
Requested analysis	☑ Yes ☐ On Hold	

Other comments (use a separate page if needed)

Air Samples: Were any additional canisters/tubes received? ☑ NA ☐ YES ☐ NO

Number of unused TO15 canisters _____ **Number of unused TO17 tubes** _____


LUKE PEDEN
5095080609
HALEY AND ALDRICH
505 W RIVERSIDE AVE
SPOKANE WA 99201
50 LBS
1 OF 1
DWT: 36,24,12
AH
SHIP TO:
2062858282
FRIEDMAN & BRUYA, INC.
5500 4TH AVE S
SEATTLE WA 98108-2419
WA 981 9-04
UPS NEXT DAY AIR SAVER
1P
TRACKING #: 1Z K8J 639 13 2710 9836
BILLING: P/P
Project Number: 0202349-002
Phase Number: 000
CS 24.9.00. WNTNV50.3.0A 01/2025*
TM

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Elizabeth Webber-Bruya
Ann Webber-Bruya
Michael Erdahl
Vineta Mills
Eric Young

5500 4th Ave South
Seattle, WA 98108-2419
(206) 285-8282
office@friedmanandbruya.com
www.friedmanandbruya.com

February 5, 2025

Breeyn Greer, Project Manager
Haley & Aldrich, Inc
505 west Riverside Ave, Suite 450
Spokane, WA 99201

Dear Ms Greer:

Included are the additional results from the testing of material submitted on January 23, 2025 from the CVSD Gun Club 0202349-002, F&BI 501301 project. There are 6 pages included in this report.

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

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
c: Haley Aldrich Data
HNH0205R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on January 23, 2025 by Friedman & Bruya, Inc. from the Haley & Aldrich, Inc CVSD Gun Club 0202349-002, F&BI 501301 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Haley & Aldrich, Inc
501301 -01	CP_110_2.5
501301 -02	CP_121_3
501301 -03	CP_98_3
501301 -04	CP_96_3
501301 -05	CP_94_3
501301 -06	CP_93_3
501301 -07	CP_122_3
501301 -08	CP_109_3

All quality control requirements were acceptable.

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_122b_3	Client:	Haley & Aldrich, Inc
Date Received:	01/23/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	02/03/25	Lab ID:	501301-07
Date Analyzed:	02/03/25	Data File:	020315.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	DBA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	92	50	150
Benz(a)anthracene-d12	102	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.026
Chrysene	0.032
Benzo(a)pyrene	0.036
Benzo(b)fluoranthene	0.040
Benzo(k)fluoranthene	0.014
Indeno(1,2,3-cd)pyrene	0.022
Dibenz(a,h)anthracene	0.0054

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	CP_122c_3	Client:	Haley & Aldrich, Inc
Date Received:	01/23/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	02/03/25	Lab ID:	501301-07
Date Analyzed:	02/03/25	Data File:	020316.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	DBA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	95	50	150
Benz(a)anthracene-d12	101	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.051
Chrysene	0.083
Benzo(a)pyrene	0.080
Benzo(b)fluoranthene	0.052
Benzo(k)fluoranthene	0.014
Indeno(1,2,3-cd)pyrene	0.022
Dibenz(a,h)anthracene	0.0088

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	Method Blank	Client:	Haley & Aldrich, Inc
Date Received:	Not Applicable	Project:	CVSD Gun Club 0202349-002
Date Extracted:	02/03/25	Lab ID:	05-0326 mb
Date Analyzed:	02/03/25	Data File:	020313.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	DBA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	102	50	150
Benz(a)anthracene-d12	111	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	<0.005
Chrysene	<0.005
Benzo(a)pyrene	<0.005
Benzo(b)fluoranthene	<0.005
Benzo(k)fluoranthene	<0.005
Indeno(1,2,3-cd)pyrene	<0.005
Dibenz(a,h)anthracene	<0.005

Date of Report: 02/05/25
Date Received: 01/23/25
Project: CVSD Gun Club 0202349-002, F&BI 501301

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR PAHS BY EPA METHOD 8270E SIM

Laboratory Code: 501440-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.5	0.0066	80	113	50-150	34 vo
2-Methylnaphthalene	mg/kg (ppm)	0.5	0.0064	80	97	50-150	19
1-Methylnaphthalene	mg/kg (ppm)	0.5	<0.005	85	103	50-150	19
Benz(a)anthracene	mg/kg (ppm)	0.5	0.74	92 b	142 b	50-150	43 b
Chrysene	mg/kg (ppm)	0.5	0.96	35 b	91 b	50-150	89 b
Benzo(b)fluoranthene	mg/kg (ppm)	0.5	1.4	119 b	127 b	50-150	7 b
Benzo(k)fluoranthene	mg/kg (ppm)	0.5	0.40	74 b	133 b	50-150	57 b
Benzo(a)pyrene	mg/kg (ppm)	0.5	1.2	24 b	111 b	50-150	129 b
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.5	0.67	43 b	93 b	50-150	74 b
Dibenz(a,h)anthracene	mg/kg (ppm)	0.5	0.14	55 b	71 b	50-150	25 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Naphthalene	mg/kg (ppm)	0.5	94	70-130
2-Methylnaphthalene	mg/kg (ppm)	0.5	84	70-130
1-Methylnaphthalene	mg/kg (ppm)	0.5	90	70-130
Benz(a)anthracene	mg/kg (ppm)	0.5	93	70-130
Chrysene	mg/kg (ppm)	0.5	97	70-130
Benzo(b)fluoranthene	mg/kg (ppm)	0.5	100	70-130
Benzo(k)fluoranthene	mg/kg (ppm)	0.5	98	70-130
Benzo(a)pyrene	mg/kg (ppm)	0.5	95	70-130
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.5	102	70-130
Dibenz(a,h)anthracene	mg/kg (ppm)	0.5	99	70-130

Data Qualifiers & Definitions

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

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

ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported between the method detection limit and the lowest calibration point. The value reported is an estimate.

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

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

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

k – The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

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

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

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

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

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

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

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

501301

SAMPLE CHAIN OF CUSTODY

01/23/25 ISM/FI

Page # 1 of 1

Report To Breeyn Greer

Company

Address 505 West Riverside Ave. Ste 450

City, State, ZIP Spokane, WA 99201

Phone 612-232-7343 Email bgreer@haleyaldrich.com

SAMPLERS (*signature*) Cam L

PROJECT NAME: CVSD Gun Club

PO #: 0202349-002

REMARKS: Project Specific Reporting List; 0.005 mg/Kg RL

Project Specific RLs - Yes / No

INVOICE TO: accountspayable@haleyaldrich.com

TURNAROUND TIME: Standard Turnaround ~~RUSH~~

Rush charges authorized by:

SAMPLE DISPOSAL: Dispose after 30 days / Archive Samples / Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Ism Accessory	cPAHs Project specific List	PB EPA 6020	AS EPA 6020	cPAH b+c test	Notes
CP_110_2.5	01	1-20-25	14:30	Soil	1							X	X				Project specific List
CP_121_3	02	1-20-25	15:15									X	X				
CP_98_3	03		13:40									X	X				
CP_96_3	04		1410									X	X				
CP_94_3	05		1400									X	X				
CP_93_3	06		13:30									X	X				
CP_122_3	07		15:40									X	X			A	
CP_109_3	08		14:45									X	X				

A-per LP 02/03/25 ME

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Cameron Luckey	Cameron Luckey	Haley + Aldrich	1-21-25	10:30
Received by:	Nhan Phan	FEDEX	01/23/25	1030
Relinquished by:		Samples received at 2 °C		
Received by:				

Friedman & Bruya, Inc.
5500 4th Avenue S
Seattle, WA 98108
Ph. (206) 285-8282

SAMPLE CONDITION UPON RECEIPT CHECKLIST

PROJECT # 501301 CLIENT Haley & Aldrich INITIALS/ DATE: DP 01/23

If custody seals are present on cooler, are they intact? ☒ NA ☐ YES ☐ NO

Cooler/Sample temperature 2 °C
Thermometer ID: Fluke 96312917

Were samples received on ice/cold packs? ☒ YES ☐ NO

How did samples arrive?
☐ Over the Counter ☐ Picked up by F&BI ☐ FedEx/UPS/GSO

Is there a Chain-of-Custody* (COC)? ☒ YES ☐ NO Initials/ Date: AP 01/23/25
*or other representative documents, letters, and/or shipping memos

Number of days samples have been sitting prior to receipt at laboratory 3 days

Are the samples clearly identified? (explain "no" answer below) ☒ YES ☐ NO

Were all sample containers received intact (i.e. not broken, leaking etc.)? (explain "no" answer below) ☒ YES ☐ NO

Were appropriate sample containers used? ☒ YES ☐ NO ☐ Unknown

If custody seals are present on samples, are they intact? ☒ NA ☐ YES ☐ NO

Are samples requiring no headspace, headspace free? ☒ NA ☐ YES ☐ NO

Is the following information provided on the COC, and does it match the sample label?
(explain "no" answer below)

Sample ID's	☒ Yes ☐ No	☐ Not on COC/label
Date Sampled	☒ Yes ☐ No	☐ Not on COC/label
Time Sampled	☒ Yes ☐ No	☐ Not on COC/label
# of Containers	☒ Yes ☐ No	
Relinquished	☒ Yes ☐ No	
Requested analysis	☒ Yes ☐ On Hold	

Other comments (use a separate page if needed)

Air Samples: Were any additional canisters/tubes received? ☒ NA ☐ YES ☐ NO

Number of unused TO15 canisters _____ Number of unused TO17 tubes _____

UPS CampusShip: View/Print Label

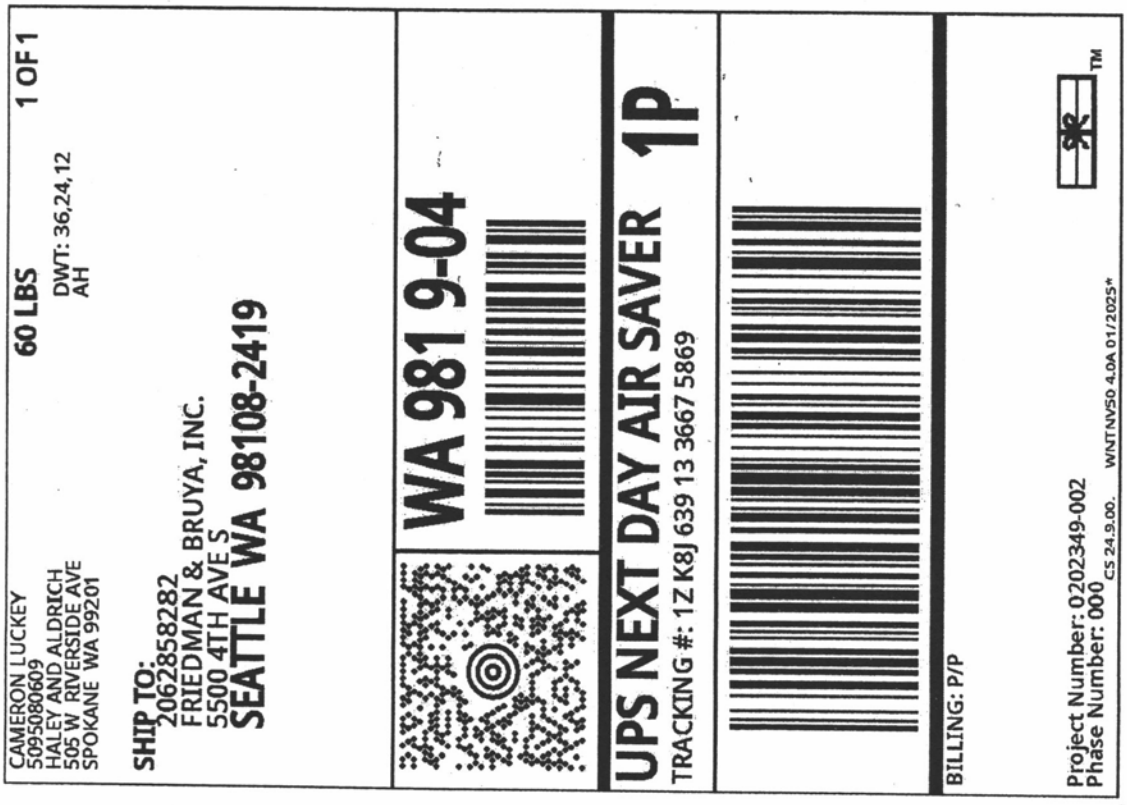
1. **Ensure there are no other shipping or tracking labels attached to your package.** Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.

2. **Fold the printed label at the solid line below.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.

3. **GETTING YOUR SHIPMENT TO UPS**
   Customers with a Daily Pickup
   Your driver will pickup your shipment(s) as usual.

   Customers without a Daily Pickup
   Schedule a same day or future day Pickup to have a UPS driver pickup all your CampusShip packages.
   Hand the package to any UPS driver in your area.
   Take your package to any location of The UPS Store®, UPS Drop Box, UPS Customer Center, Staples® or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.

FOLD HERE



FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Elizabeth Webber-Bruya
Ann Webber-Bruya
Michael Erdahl
Vineta Mills
Eric Young

5500 4th Ave South
Seattle, WA 98108-2419
(206) 285-8282
office@friedmanandbruya.com
www.friedmanandbruya.com

February 19, 2025

Breeyn Greer, Project Manager
Haley & Aldrich, Inc
505 West Riverside Ave, Suite 450
Spokane, WA 99201

Dear Ms Greer:

Included are the additional results from the testing of material submitted on January 28, 2025 from the CVSD Gun Club 0202349-002, F&BI 501375 project. There are 8 pages included in this report.

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

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
c: Haley Aldrich Data
HNH0219R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on January 28, 2025 by Friedman & Bruya, Inc. from the Haley & Aldrich, Inc CVSD Gun Club 0202349-002, F&BI 501375 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Haley & Aldrich, Inc
501375 -01	C_83_2
501375 -02	C_100_2
501375 -03	C_77_3.5
501375 -04	C_78_2
501375 -05	C_69_2.5

Analysis of samples C_78_2 and C_69_2.5 for 8270E were requested outside the method specified holding time. The data were flagged accordingly.

All other quality control requirements were acceptable.

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	C_78b_2 ht	Client:	Haley & Aldrich, Inc
Date Received:	01/28/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	02/17/25	Lab ID:	501375-04a
Date Analyzed:	02/17/25	Data File:	021717.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	95	50	150
Benz(a)anthracene-d12	96	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.0060
2-Methylnaphthalene	0.0090
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.049
Chrysene	0.060
Benzo(a)pyrene	0.066
Benzo(b)fluoranthene	0.084
Benzo(k)fluoranthene	0.022
Indeno(1,2,3-cd)pyrene	0.051
Dibenz(a,h)anthracene	0.0091

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	C_78c_2 ht	Client:	Haley & Aldrich, Inc
Date Received:	01/28/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	02/17/25	Lab ID:	501375-04b
Date Analyzed:	02/17/25	Data File:	021718.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	89	50	150
Benz(a)anthracene-d12	86	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.053
Chrysene	0.065
Benzo(a)pyrene	0.071
Benzo(b)fluoranthene	0.087
Benzo(k)fluoranthene	0.033
Indeno(1,2,3-cd)pyrene	0.055
Dibenz(a,h)anthracene	0.012

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	C_69b_2.5 ht	Client:	Haley & Aldrich, Inc
Date Received:	01/28/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	02/17/25	Lab ID:	501375-05a
Date Analyzed:	02/17/25	Data File:	021719.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	96	50	150
Benz(a)anthracene-d12	94	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.068
Chrysene	0.085
Benzo(a)pyrene	0.088
Benzo(b)fluoranthene	0.11
Benzo(k)fluoranthene	0.035
Indeno(1,2,3-cd)pyrene	0.069
Dibenz(a,h)anthracene	0.015

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	C_69c_2.5 ht	Client:	Haley & Aldrich, Inc
Date Received:	01/28/25	Project:	CVSD Gun Club 0202349-002
Date Extracted:	02/17/25	Lab ID:	501375-05b
Date Analyzed:	02/17/25	Data File:	021720.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	98	50	150
Benz(a)anthracene-d12	96	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.0064
2-Methylnaphthalene	0.0091
1-Methylnaphthalene	<0.005
Benz(a)anthracene	0.046
Chrysene	0.061
Benzo(a)pyrene	0.066
Benzo(b)fluoranthene	0.084
Benzo(k)fluoranthene	0.025
Indeno(1,2,3-cd)pyrene	0.049
Dibenz(a,h)anthracene	0.0099

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	Method Blank	Client:	Haley & Aldrich, Inc
Date Received:	Not Applicable	Project:	CVSD Gun Club 0202349-002
Date Extracted:	02/17/25	Lab ID:	05-0377 mb2
Date Analyzed:	02/17/25	Data File:	021716.D
Matrix:	Soil	Instrument:	GCMS14
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	96	50	150
Benz(a)anthracene-d12	93	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.005
2-Methylnaphthalene	<0.005
1-Methylnaphthalene	<0.005
Benz(a)anthracene	<0.005
Chrysene	<0.005
Benzo(a)pyrene	<0.005
Benzo(b)fluoranthene	<0.005
Benzo(k)fluoranthene	<0.005
Indeno(1,2,3-cd)pyrene	<0.005
Dibenz(a,h)anthracene	<0.005

Date of Report: 02/19/25
Date Received: 01/28/25
Project: CVSD Gun Club 0202349-002, F&BI 501375

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR PAHS BY EPA METHOD 8270E SIM

Laboratory Code: 502130-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.5	<0.005	84	84	50-150	0
2-Methylnaphthalene	mg/kg (ppm)	0.5	<0.005	85	84	50-150	1
1-Methylnaphthalene	mg/kg (ppm)	0.5	<0.005	82	81	50-150	1
Benz(a)anthracene	mg/kg (ppm)	0.5	0.0065	97	92	50-150	5
Chrysene	mg/kg (ppm)	0.5	0.0095	95	93	50-150	2
Benzo(b)fluoranthene	mg/kg (ppm)	0.5	0.010	91	81	50-150	12
Benzo(k)fluoranthene	mg/kg (ppm)	0.5	<0.005	89	93	50-150	4
Benzo(a)pyrene	mg/kg (ppm)	0.5	0.0092	84	80	50-150	5
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.5	0.0059	104	97	50-150	7
Dibenz(a,h)anthracene	mg/kg (ppm)	0.5	<0.005	111	107	50-150	4

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Naphthalene	mg/kg (ppm)	0.5	95	70-130
2-Methylnaphthalene	mg/kg (ppm)	0.5	90	70-130
1-Methylnaphthalene	mg/kg (ppm)	0.5	86	70-130
Benz(a)anthracene	mg/kg (ppm)	0.5	98	70-130
Chrysene	mg/kg (ppm)	0.5	99	70-130
Benzo(b)fluoranthene	mg/kg (ppm)	0.5	95	70-130
Benzo(k)fluoranthene	mg/kg (ppm)	0.5	95	70-130
Benzo(a)pyrene	mg/kg (ppm)	0.5	88	70-130
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.5	103	70-130
Dibenz(a,h)anthracene	mg/kg (ppm)	0.5	112	70-130

Data Qualifiers & Definitions

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

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

ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported between the method detection limit and the lowest calibration point. The value reported is an estimate.

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

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

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

k – The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

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

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

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

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

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

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

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

501375

SAMPLE CHAIN OF CUSTODY

01/28/25 ISM/FI

Page # 1 of 1

Report To Breeyn Greer

Company

Address 505 West Riverside Ave. Ste 450

City, State, ZIP Spokane, WA 99201

Phone 612-232-7343 Email bgreer@haleyaldrich.com

SAMPLERS (signature)

PROJECT NAME: CVSD Gun Club

PO # 0202349-002

REMARKS: Project Specific Reporting List; 0.005 mg/Kg RL

Project Specific RLs - Yes / No

INVOICE TO: accountspayable@haleyaldrich.com

TURNAROUND TIME: Standard Turnaround

RUSH charges authorized by:

SAMPLE DISPOSAL: Dispose after 30 days / Archive Samples / Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	cPAHs Project Specific List	PB EPA 6020	AB EPA 6020	TSM Processing	cPAH test B and C	Notes
C_83_2	01	1-24-25	12:25	Soil	1							X	X	X	X		A-per BG 02/10/25 ME project specific List
C_100_2	02	1-24-25	11:40									X			X		
C_77_3.5	03	1-24-25	12:00									X			X		
C_78_2	04	1-24-25	12:50									X			X	A	
C_69_2.5	05	1-27-25	1330									X			X	A	

Samples received at 2 °C

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Cameron Lackey	H+A	1-27-24	15:00
Received by:	Nhan Phan	FEBT	1/28/25	1050
Relinquished by:				
Received by:				

Friedman & Bruya, Inc.
5500 4th Avenue S
Seattle, WA 98108
Ph. (206) 285-8282

SAMPLE CONDITION UPON RECEIPT CHECKLIST

PROJECT # 501375 CLIENT HNA INITIALS/ DATE: (AP) 01/28/25

If custody seals are present on cooler, are they intact? ☐ NA ☑ YES ☐ NO

Cooler/Sample temperature 2 °C
Thermometer ID: Fluke 96312917

Were samples received on ice/cold packs? ☑ YES ☐ NO

How did samples arrive?
☐ Over the Counter ☐ Picked up by F&BI ☑ FedEx/UPS/GSO

Is there a Chain-of-Custody* (COC)? ☑ YES ☐ NO Initials/ Date: AP 01/28/25
*or other representative documents, letters, and/or shipping memos

Number of days samples have been sitting prior to receipt at laboratory 1-4 days

Are the samples clearly identified? (explain "no" answer below) ☑ YES ☐ NO

Were all sample containers received intact (i.e. not broken, leaking etc.)? (explain "no" answer below) ☑ YES ☐ NO

Were appropriate sample containers used? ☑ YES ☐ NO ☐ Unknown

If custody seals are present on samples, are they intact? ☑ NA ☐ YES ☐ NO

Are samples requiring no headspace, headspace free? ☑ NA ☐ YES ☐ NO

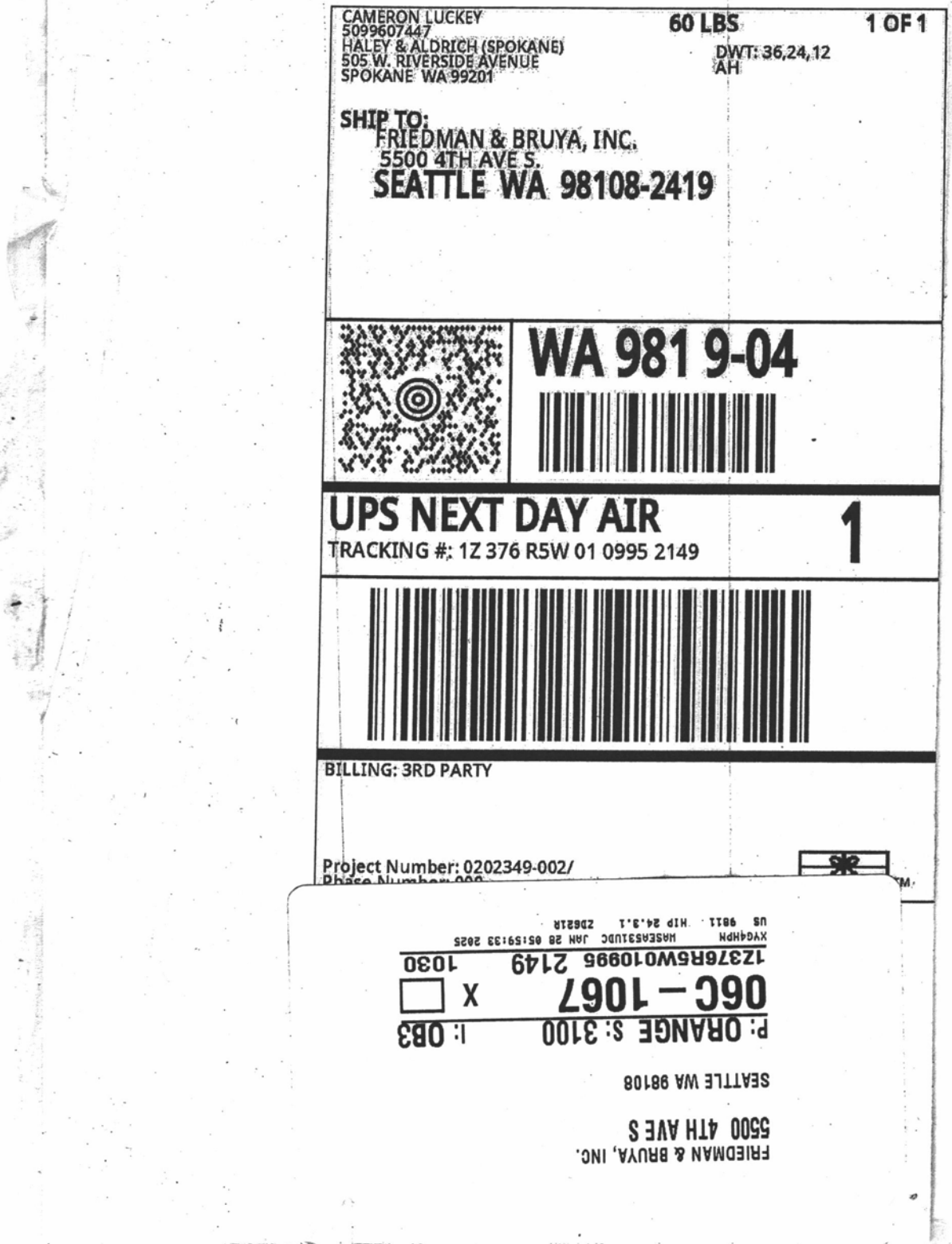
Is the following information provided on the COC, and does it match the sample label?
(explain "no" answer below)

Sample ID's	☑ Yes ☐ No	☐ Not on COC/label
Date Sampled	☑ Yes ☐ No	☐ Not on COC/label
Time Sampled	☑ Yes ☐ No	☐ Not on COC/label
# of Containers	☑ Yes ☐ No	
Relinquished	☑ Yes ☐ No	
Requested analysis	☑ Yes ☐ On Hold	

Other comments (use a separate page if needed)

Air Samples: Were any additional canisters/tubes received? ☑ NA ☐ YES ☐ NO

Number of unused TO15 canisters _____ Number of unused TO17 tubes _____


CAMERON LUCKEY
5099607447
HALEY & ALDRICH (SPOKANE)
505 W. RIVERSIDE AVENUE
SPOKANE WA 99201
60 LBS
1 OF 1
DWT: 36,24,12
AH
SHIP TO:
FRIEDMAN & BRUYA, INC.
5500 4TH AVE S.
SEATTLE WA 98108-2419
WA 981 9-04
UPS NEXT DAY AIR
TRACKING #: 1Z 376 R5W 01 0995 2149
1
BILLING: 3RD PARTY
Project Number: 0202349-002/
FRIEDMAN & BRUYA, INC.
5500 4TH AVE S
SEATTLE WA 98108
P: ORANGE S: 3100 I: OB3
OGC - 1067 X
1Z376R5W01099S 2149 1030

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Breeyn Greer
Haley & Aldrich, Inc.
505 W Riverside Ave
Suite 450
Spokane, Washington 99201

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JOB DESCRIPTION

CVSD Gun Club

JOB NUMBER

590-29458-1

Eurofins Spokane
11922 East 1st Ave
Spokane WA 99206

See page two for job notes and contact information.

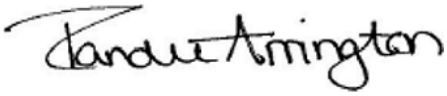
myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

Authorization



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Authorized for release by
Randee Arrington, Business Unit Manager
Randee.Arrington@et.eurofinsus.com
(509)924-9200

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Job Narrative
590-29458-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 2/14/2025 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.2°C.

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

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

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

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 590-29458-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
590-29458-1	C_113_2_1	Solid	02/13/25 15:20	02/14/25 10:30
590-29458-2	C_113_2_2	Solid	02/13/25 15:20	02/14/25 10:30
590-29458-5	C_106_2_1	Solid	02/13/25 14:15	02/14/25 10:30
590-29458-6	C_106_2_2	Solid	02/13/25 14:15	02/14/25 10:30
590-29458-9	C_89_1_1	Solid	02/13/25 14:45	02/14/25 10:30
590-29458-10	C_89_1_2	Solid	02/13/25 14:45	02/14/25 10:30
590-29458-13	C_114_4_1	Solid	02/13/25 13:45	02/14/25 10:30
590-29458-14	C_114_4_2	Solid	02/13/25 13:45	02/14/25 10:30
590-29458-17	C_107_4_1	Solid	02/13/25 13:00	02/14/25 10:30
590-29458-18	C_107_4_2	Solid	02/13/25 13:00	02/14/25 10:30
590-29458-19	C_107_4_3	Solid	02/13/25 13:00	02/14/25 10:30
590-29458-20	C_107_4_4	Solid	02/13/25 13:00	02/14/25 10:30
590-29458-21	C_101_3_1	Solid	02/13/25 11:45	02/14/25 10:30
590-29458-22	C_101_3_2	Solid	02/13/25 11:45	02/14/25 10:30

Glossary

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

Client Sample ID: C_113_2_1

Lab Sample ID: 590-29458-1

Date Collected: 02/13/25 15:20
Matrix: Solid
Date Received: 02/14/25 10:30
Percent Solids: 96.2

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		10		ug/Kg	☼	02/18/25 13:06	02/18/25 17:27	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	02/18/25 13:06	02/18/25 17:27	1
Benzo[a]anthracene	ND		10		ug/Kg	☼	02/18/25 13:06	02/18/25 17:27	1
Benzo[a]pyrene	ND		10		ug/Kg	☼	02/18/25 13:06	02/18/25 17:27	1
Benzo[b]fluoranthene	ND		10		ug/Kg	☼	02/18/25 13:06	02/18/25 17:27	1
Benzo[k]fluoranthene	ND		10		ug/Kg	☼	02/18/25 13:06	02/18/25 17:27	1
Chrysene	ND		10		ug/Kg	☼	02/18/25 13:06	02/18/25 17:27	1
Dibenz(a,h)anthracene	ND		10		ug/Kg	☼	02/18/25 13:06	02/18/25 17:27	1
Indeno[1,2,3-cd]pyrene	ND		10		ug/Kg	☼	02/18/25 13:06	02/18/25 17:27	1
Naphthalene	ND		10		ug/Kg	☼	02/18/25 13:06	02/18/25 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*87*		*41 - 120*	*02/18/25 13:06*	*02/18/25 17:27*	*1*
Nitrobenzene-d5	*83*		*32 - 120*	*02/18/25 13:06*	*02/18/25 17:27*	*1*
p-Terphenyl-d14	*104*		*45 - 134*	*02/18/25 13:06*	*02/18/25 17:27*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		8.0		mg/Kg	☼	02/27/25 11:09	02/27/25 17:56	10
Lead	ND		19		mg/Kg	☼	02/27/25 11:09	02/27/25 17:56	10

Client Sample ID: C_113_2_2

Lab Sample ID: 590-29458-2

Date Collected: 02/13/25 15:20
Matrix: Solid
Date Received: 02/14/25 10:30
Percent Solids: 94.7

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		10		ug/Kg	☼	02/18/25 13:06	02/18/25 18:33	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	02/18/25 13:06	02/18/25 18:33	1
Benzo[a]anthracene	**34**		10		ug/Kg	☼	02/18/25 13:06	02/18/25 18:33	1
Benzo[a]pyrene	**63**		10		ug/Kg	☼	02/18/25 13:06	02/18/25 18:33	1
Benzo[b]fluoranthene	**55**		10		ug/Kg	☼	02/18/25 13:06	02/18/25 18:33	1
Benzo[k]fluoranthene	**36**		10		ug/Kg	☼	02/18/25 13:06	02/18/25 18:33	1
Chrysene	**46**		10		ug/Kg	☼	02/18/25 13:06	02/18/25 18:33	1
Dibenz(a,h)anthracene	**12**		10		ug/Kg	☼	02/18/25 13:06	02/18/25 18:33	1
Indeno[1,2,3-cd]pyrene	**35**		10		ug/Kg	☼	02/18/25 13:06	02/18/25 18:33	1
Naphthalene	ND		10		ug/Kg	☼	02/18/25 13:06	02/18/25 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*86*		*41 - 120*	*02/18/25 13:06*	*02/18/25 18:33*	*1*
Nitrobenzene-d5	*79*		*32 - 120*	*02/18/25 13:06*	*02/18/25 18:33*	*1*
p-Terphenyl-d14	*104*		*45 - 134*	*02/18/25 13:06*	*02/18/25 18:33*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		mg/Kg	☼	02/27/25 11:09	02/27/25 18:41	10
Lead	ND		24		mg/Kg	☼	02/27/25 11:09	02/27/25 18:41	10

Client Sample ID: C_106_2_1

Lab Sample ID: 590-29458-5

Date Collected: 02/13/25 14:15
Matrix: Solid
Date Received: 02/14/25 10:30
Percent Solids: 96.7

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		9.9		ug/Kg	☼	02/18/25 13:06	02/18/25 18:55	1
2-Methylnaphthalene	ND		9.9		ug/Kg	☼	02/18/25 13:06	02/18/25 18:55	1
Benzo[a]anthracene	ND		9.9		ug/Kg	☼	02/18/25 13:06	02/18/25 18:55	1
Benzo[a]pyrene	ND		9.9		ug/Kg	☼	02/18/25 13:06	02/18/25 18:55	1
Benzo[b]fluoranthene	ND		9.9		ug/Kg	☼	02/18/25 13:06	02/18/25 18:55	1
Benzo[k]fluoranthene	ND		9.9		ug/Kg	☼	02/18/25 13:06	02/18/25 18:55	1
Chrysene	ND		9.9		ug/Kg	☼	02/18/25 13:06	02/18/25 18:55	1
Dibenz(a,h)anthracene	ND		9.9		ug/Kg	☼	02/18/25 13:06	02/18/25 18:55	1
Indeno[1,2,3-cd]pyrene	ND		9.9		ug/Kg	☼	02/18/25 13:06	02/18/25 18:55	1
Naphthalene	ND		9.9		ug/Kg	☼	02/18/25 13:06	02/18/25 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*86*		*41 - 120*	*02/18/25 13:06*	*02/18/25 18:55*	*1*
Nitrobenzene-d5	*81*		*32 - 120*	*02/18/25 13:06*	*02/18/25 18:55*	*1*
p-Terphenyl-d14	*104*		*45 - 134*	*02/18/25 13:06*	*02/18/25 18:55*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		8.3		mg/Kg	☼	02/27/25 11:09	02/27/25 18:46	10
Lead	ND		20		mg/Kg	☼	02/27/25 11:09	02/27/25 18:46	10

Client Sample ID: C_106_2_2

Lab Sample ID: 590-29458-6

Date Collected: 02/13/25 14:15
Matrix: Solid
Date Received: 02/14/25 10:30
Percent Solids: 90.4

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 19:17	1
2-Methylnaphthalene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 19:17	1
Benzo[a]anthracene	**23**		11		ug/Kg	☼	02/18/25 13:06	02/18/25 19:17	1
Benzo[a]pyrene	**35**		11		ug/Kg	☼	02/18/25 13:06	02/18/25 19:17	1
Benzo[b]fluoranthene	**32**		11		ug/Kg	☼	02/18/25 13:06	02/18/25 19:17	1
Benzo[k]fluoranthene	**19**		11		ug/Kg	☼	02/18/25 13:06	02/18/25 19:17	1
Chrysene	**31**		11		ug/Kg	☼	02/18/25 13:06	02/18/25 19:17	1
Dibenz(a,h)anthracene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 19:17	1
Indeno[1,2,3-cd]pyrene	**18**		11		ug/Kg	☼	02/18/25 13:06	02/18/25 19:17	1
Naphthalene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*83*		*41 - 120*	*02/18/25 13:06*	*02/18/25 19:17*	*1*
Nitrobenzene-d5	*75*		*32 - 120*	*02/18/25 13:06*	*02/18/25 19:17*	*1*
p-Terphenyl-d14	*102*		*45 - 134*	*02/18/25 13:06*	*02/18/25 19:17*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		7.7		mg/Kg	☼	02/27/25 11:09	02/27/25 18:51	10
Lead	ND		18		mg/Kg	☼	02/27/25 11:09	02/27/25 18:51	10

Client Sample ID: C_89_1_1

Lab Sample ID: 590-29458-9

Date Collected: 02/13/25 14:45
Matrix: Solid
Date Received: 02/14/25 10:30
Percent Solids: 92.3

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 19:39	1
2-Methylnaphthalene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 19:39	1
Benzo[a]anthracene	**70**		11		ug/Kg	☼	02/18/25 13:06	02/18/25 19:39	1
Benzo[a]pyrene	**120**		11		ug/Kg	☼	02/18/25 13:06	02/18/25 19:39	1
Benzo[b]fluoranthene	**110**		11		ug/Kg	☼	02/18/25 13:06	02/18/25 19:39	1
Benzo[k]fluoranthene	**64**		11		ug/Kg	☼	02/18/25 13:06	02/18/25 19:39	1
Chrysene	**90**		11		ug/Kg	☼	02/18/25 13:06	02/18/25 19:39	1
Dibenz(a,h)anthracene	**22**		11		ug/Kg	☼	02/18/25 13:06	02/18/25 19:39	1
Indeno[1,2,3-cd]pyrene	**67**		11		ug/Kg	☼	02/18/25 13:06	02/18/25 19:39	1
Naphthalene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 19:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*79*		*41 - 120*	*02/18/25 13:06*	*02/18/25 19:39*	*1*
Nitrobenzene-d5	*73*		*32 - 120*	*02/18/25 13:06*	*02/18/25 19:39*	*1*
p-Terphenyl-d14	*102*		*45 - 134*	*02/18/25 13:06*	*02/18/25 19:39*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		9.7		mg/Kg	☼	02/27/25 11:09	02/27/25 18:55	10
Lead	ND		23		mg/Kg	☼	02/27/25 11:09	02/27/25 18:55	10

Client Sample ID: C_89_1_2

Lab Sample ID: 590-29458-10

Date Collected: 02/13/25 14:45
Matrix: Solid
Date Received: 02/14/25 10:30
Percent Solids: 86.2

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		12		ug/Kg	☼	02/18/25 13:06	02/18/25 20:01	1
2-Methylnaphthalene	ND		12		ug/Kg	☼	02/18/25 13:06	02/18/25 20:01	1
Benzo[a]anthracene	**16**		12		ug/Kg	☼	02/18/25 13:06	02/18/25 20:01	1
Benzo[a]pyrene	**24**		12		ug/Kg	☼	02/18/25 13:06	02/18/25 20:01	1
Benzo[b]fluoranthene	**22**		12		ug/Kg	☼	02/18/25 13:06	02/18/25 20:01	1
Benzo[k]fluoranthene	**14**		12		ug/Kg	☼	02/18/25 13:06	02/18/25 20:01	1
Chrysene	**23**		12		ug/Kg	☼	02/18/25 13:06	02/18/25 20:01	1
Dibenz(a,h)anthracene	ND		12		ug/Kg	☼	02/18/25 13:06	02/18/25 20:01	1
Indeno[1,2,3-cd]pyrene	**13**		12		ug/Kg	☼	02/18/25 13:06	02/18/25 20:01	1
Naphthalene	ND		12		ug/Kg	☼	02/18/25 13:06	02/18/25 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*77*		*41 - 120*	*02/18/25 13:06*	*02/18/25 20:01*	*1*
Nitrobenzene-d5	*72*		*32 - 120*	*02/18/25 13:06*	*02/18/25 20:01*	*1*
p-Terphenyl-d14	*95*		*45 - 134*	*02/18/25 13:06*	*02/18/25 20:01*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		8.6		mg/Kg	☼	02/27/25 11:09	02/27/25 19:00	10
Lead	**22**		21		mg/Kg	☼	02/27/25 11:09	02/27/25 19:00	10

Client Sample ID: C_114_4_1

Lab Sample ID: 590-29458-13

Date Collected: 02/13/25 13:45
Matrix: Solid
Date Received: 02/14/25 10:30
Percent Solids: 92.7

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		10		ug/Kg	☼	02/18/25 13:06	02/18/25 20:23	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	02/18/25 13:06	02/18/25 20:23	1
Benzo[a]anthracene	**72**		10		ug/Kg	☼	02/18/25 13:06	02/18/25 20:23	1
Benzo[a]pyrene	**100**		10		ug/Kg	☼	02/18/25 13:06	02/18/25 20:23	1
Benzo[b]fluoranthene	**87**		10		ug/Kg	☼	02/18/25 13:06	02/18/25 20:23	1
Benzo[k]fluoranthene	**60**		10		ug/Kg	☼	02/18/25 13:06	02/18/25 20:23	1
Chrysene	**82**		10		ug/Kg	☼	02/18/25 13:06	02/18/25 20:23	1
Dibenz(a,h)anthracene	**18**		10		ug/Kg	☼	02/18/25 13:06	02/18/25 20:23	1
Indeno[1,2,3-cd]pyrene	**53**		10		ug/Kg	☼	02/18/25 13:06	02/18/25 20:23	1
Naphthalene	ND		10		ug/Kg	☼	02/18/25 13:06	02/18/25 20:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*78*		*41 - 120*	*02/18/25 13:06*	*02/18/25 20:23*	*1*
Nitrobenzene-d5	*69*		*32 - 120*	*02/18/25 13:06*	*02/18/25 20:23*	*1*
p-Terphenyl-d14	*97*		*45 - 134*	*02/18/25 13:06*	*02/18/25 20:23*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		25		mg/Kg	☼	02/27/25 11:09	02/27/25 19:05	10

Client Sample ID: C_114_4_2

Lab Sample ID: 590-29458-14

Date Collected: 02/13/25 13:45
Matrix: Solid
Date Received: 02/14/25 10:30
Percent Solids: 88.5

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 20:45	1
2-Methylnaphthalene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 20:45	1
Benzo[a]anthracene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 20:45	1
Benzo[a]pyrene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 20:45	1
Benzo[b]fluoranthene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 20:45	1
Benzo[k]fluoranthene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 20:45	1
Chrysene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 20:45	1
Dibenz(a,h)anthracene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 20:45	1
Indeno[1,2,3-cd]pyrene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 20:45	1
Naphthalene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 20:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*74*		*41 - 120*	*02/18/25 13:06*	*02/18/25 20:45*	*1*
Nitrobenzene-d5	*67*		*32 - 120*	*02/18/25 13:06*	*02/18/25 20:45*	*1*
p-Terphenyl-d14	*96*		*45 - 134*	*02/18/25 13:06*	*02/18/25 20:45*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		23		mg/Kg	☼	02/27/25 11:09	02/27/25 19:25	10

Client Sample ID: C_107_4_1

Lab Sample ID: 590-29458-17

Date Collected: 02/13/25 13:00
Matrix: Solid
Date Received: 02/14/25 10:30
Percent Solids: 80.3

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		12		ug/Kg	☼	02/18/25 13:06	02/18/25 21:08	1
2-Methylnaphthalene	ND		12		ug/Kg	☼	02/18/25 13:06	02/18/25 21:08	1
Benzo[a]anthracene	**180**		12		ug/Kg	☼	02/18/25 13:06	02/18/25 21:08	1
Benzo[a]pyrene	**270**		12		ug/Kg	☼	02/18/25 13:06	02/18/25 21:08	1
Benzo[b]fluoranthene	**230**		12		ug/Kg	☼	02/18/25 13:06	02/18/25 21:08	1
Benzo[k]fluoranthene	**160**		12		ug/Kg	☼	02/18/25 13:06	02/18/25 21:08	1
Chrysene	**200**		12		ug/Kg	☼	02/18/25 13:06	02/18/25 21:08	1
Dibenz(a,h)anthracene	**57**		12		ug/Kg	☼	02/18/25 13:06	02/18/25 21:08	1
Indeno[1,2,3-cd]pyrene	**150**		12		ug/Kg	☼	02/18/25 13:06	02/18/25 21:08	1
Naphthalene	ND		12		ug/Kg	☼	02/18/25 13:06	02/18/25 21:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*75*		*41 - 120*	*02/18/25 13:06*	*02/18/25 21:08*	*1*
Nitrobenzene-d5	*70*		*32 - 120*	*02/18/25 13:06*	*02/18/25 21:08*	*1*
p-Terphenyl-d14	*98*		*45 - 134*	*02/18/25 13:06*	*02/18/25 21:08*	*1*

Client Sample ID: C_107_4_2

Lab Sample ID: 590-29458-18

Date Collected: 02/13/25 13:00
Matrix: Solid
Date Received: 02/14/25 10:30
Percent Solids: 92.2

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 21:30	1
2-Methylnaphthalene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 21:30	1
Benzo[a]anthracene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 21:30	1
Benzo[a]pyrene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 21:30	1
Benzo[b]fluoranthene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 21:30	1
Benzo[k]fluoranthene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 21:30	1
Chrysene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 21:30	1
Dibenz(a,h)anthracene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 21:30	1
Indeno[1,2,3-cd]pyrene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 21:30	1
Naphthalene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 21:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*85*		*41 - 120*	*02/18/25 13:06*	*02/18/25 21:30*	*1*
Nitrobenzene-d5	*82*		*32 - 120*	*02/18/25 13:06*	*02/18/25 21:30*	*1*
p-Terphenyl-d14	*105*		*45 - 134*	*02/18/25 13:06*	*02/18/25 21:30*	*1*

Client Sample ID: C_107_4_3

Lab Sample ID: 590-29458-19

Date Collected: 02/13/25 13:00
Matrix: Solid
Date Received: 02/14/25 10:30
Percent Solids: 91.4

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		10		ug/Kg	☼	02/26/25 14:25	02/26/25 17:02	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	02/26/25 14:25	02/26/25 17:02	1
Benzo[a]anthracene	ND		10		ug/Kg	☼	02/26/25 14:25	02/26/25 17:02	1
Benzo[a]pyrene	ND		10		ug/Kg	☼	02/26/25 14:25	02/26/25 17:02	1
Benzo[b]fluoranthene	ND		10		ug/Kg	☼	02/26/25 14:25	02/26/25 17:02	1
Benzo[k]fluoranthene	ND		10		ug/Kg	☼	02/26/25 14:25	02/26/25 17:02	1
Chrysene	ND		10		ug/Kg	☼	02/26/25 14:25	02/26/25 17:02	1

Client Sample ID: C_107_4_3

Lab Sample ID: 590-29458-19

Date Collected: 02/13/25 13:00
Matrix: Solid
Date Received: 02/14/25 10:30
Percent Solids: 91.4

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		10		ug/Kg	☼	02/26/25 14:25	02/26/25 17:02	1
Indeno[1,2,3-cd]pyrene	ND		10		ug/Kg	☼	02/26/25 14:25	02/26/25 17:02	1
Naphthalene	ND		10		ug/Kg	☼	02/26/25 14:25	02/26/25 17:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*74*		*41 - 120*	*02/26/25 14:25*	*02/26/25 17:02*	*1*
Nitrobenzene-d5	*81*		*32 - 120*	*02/26/25 14:25*	*02/26/25 17:02*	*1*
p-Terphenyl-d14	*96*		*45 - 134*	*02/26/25 14:25*	*02/26/25 17:02*	*1*

Client Sample ID: C_107_4_4

Lab Sample ID: 590-29458-20

Date Collected: 02/13/25 13:00
Matrix: Solid
Date Received: 02/14/25 10:30
Percent Solids: 91.5

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		9.9		ug/Kg	☼	02/26/25 14:25	02/26/25 17:24	1
2-Methylnaphthalene	ND		9.9		ug/Kg	☼	02/26/25 14:25	02/26/25 17:24	1
Benzo[a]anthracene	ND		9.9		ug/Kg	☼	02/26/25 14:25	02/26/25 17:24	1
Benzo[a]pyrene	ND		9.9		ug/Kg	☼	02/26/25 14:25	02/26/25 17:24	1
Benzo[b]fluoranthene	ND		9.9		ug/Kg	☼	02/26/25 14:25	02/26/25 17:24	1
Benzo[k]fluoranthene	ND		9.9		ug/Kg	☼	02/26/25 14:25	02/26/25 17:24	1
Chrysene	ND		9.9		ug/Kg	☼	02/26/25 14:25	02/26/25 17:24	1
Dibenz(a,h)anthracene	ND		9.9		ug/Kg	☼	02/26/25 14:25	02/26/25 17:24	1
Indeno[1,2,3-cd]pyrene	ND		9.9		ug/Kg	☼	02/26/25 14:25	02/26/25 17:24	1
Naphthalene	ND		9.9		ug/Kg	☼	02/26/25 14:25	02/26/25 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*61*		*41 - 120*	*02/26/25 14:25*	*02/26/25 17:24*	*1*
Nitrobenzene-d5	*60*		*32 - 120*	*02/26/25 14:25*	*02/26/25 17:24*	*1*
p-Terphenyl-d14	*104*		*45 - 134*	*02/26/25 14:25*	*02/26/25 17:24*	*1*

Client Sample ID: C_101_3_1

Lab Sample ID: 590-29458-21

Date Collected: 02/13/25 11:45
Matrix: Solid
Date Received: 02/14/25 10:30
Percent Solids: 91.4

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 21:52	1
2-Methylnaphthalene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 21:52	1
Benzo[a]anthracene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 21:52	1
Benzo[a]pyrene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 21:52	1
Benzo[b]fluoranthene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 21:52	1
Benzo[k]fluoranthene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 21:52	1
Chrysene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 21:52	1
Dibenz(a,h)anthracene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 21:52	1
Indeno[1,2,3-cd]pyrene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 21:52	1
Naphthalene	ND		11		ug/Kg	☼	02/18/25 13:06	02/18/25 21:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*88*		*41 - 120*	*02/18/25 13:06*	*02/18/25 21:52*	*1*
Nitrobenzene-d5	*82*		*32 - 120*	*02/18/25 13:06*	*02/18/25 21:52*	*1*

Client Sample ID: C_101_3_1

Lab Sample ID: 590-29458-21
Date Collected: 02/13/25 11:45
Matrix: Solid
Date Received: 02/14/25 10:30
Percent Solids: 91.4

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14	*105*		*45 - 134*	*02/18/25 13:06*	*02/18/25 21:52*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		9.2		mg/Kg	☼	02/27/25 11:09	02/27/25 19:30	10
Lead	ND		22		mg/Kg	☼	02/27/25 11:09	02/27/25 19:30	10

Client Sample ID: C_101_3_2

Lab Sample ID: 590-29458-22
Date Collected: 02/13/25 11:45
Matrix: Solid
Date Received: 02/14/25 10:30
Percent Solids: 92.6

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		10		ug/Kg	☼	02/18/25 13:06	02/18/25 22:14	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	02/18/25 13:06	02/18/25 22:14	1
Benzo[a]anthracene	ND		10		ug/Kg	☼	02/18/25 13:06	02/18/25 22:14	1
Benzo[a]pyrene	ND		10		ug/Kg	☼	02/18/25 13:06	02/18/25 22:14	1
Benzo[b]fluoranthene	ND		10		ug/Kg	☼	02/18/25 13:06	02/18/25 22:14	1
Benzo[k]fluoranthene	ND		10		ug/Kg	☼	02/18/25 13:06	02/18/25 22:14	1
Chrysene	ND		10		ug/Kg	☼	02/18/25 13:06	02/18/25 22:14	1
Dibenz(a,h)anthracene	ND		10		ug/Kg	☼	02/18/25 13:06	02/18/25 22:14	1
Indeno[1,2,3-cd]pyrene	ND		10		ug/Kg	☼	02/18/25 13:06	02/18/25 22:14	1
Naphthalene	ND		10		ug/Kg	☼	02/18/25 13:06	02/18/25 22:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*88*		*41 - 120*	*02/18/25 13:06*	*02/18/25 22:14*	*1*
Nitrobenzene-d5	*81*		*32 - 120*	*02/18/25 13:06*	*02/18/25 22:14*	*1*
p-Terphenyl-d14	*107*		*45 - 134*	*02/18/25 13:06*	*02/18/25 22:14*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		mg/Kg	☼	02/27/25 11:09	02/27/25 19:35	10
Lead	ND		24		mg/Kg	☼	02/27/25 11:09	02/27/25 19:35	10

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

Lab Sample ID: MB 590-52422/1-A
Matrix: Solid
Analysis Batch: 52430

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 52422

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		10		ug/Kg		02/18/25 13:06	02/18/25 16:43	1
2-Methylnaphthalene	ND		10		ug/Kg		02/18/25 13:06	02/18/25 16:43	1
Benzo[a]anthracene	ND		10		ug/Kg		02/18/25 13:06	02/18/25 16:43	1
Benzo[a]pyrene	ND		10		ug/Kg		02/18/25 13:06	02/18/25 16:43	1
Benzo[b]fluoranthene	ND		10		ug/Kg		02/18/25 13:06	02/18/25 16:43	1
Benzo[k]fluoranthene	ND		10		ug/Kg		02/18/25 13:06	02/18/25 16:43	1
Chrysene	ND		10		ug/Kg		02/18/25 13:06	02/18/25 16:43	1
Dibenz(a,h)anthracene	ND		10		ug/Kg		02/18/25 13:06	02/18/25 16:43	1
Indeno[1,2,3-cd]pyrene	ND		10		ug/Kg		02/18/25 13:06	02/18/25 16:43	1
Naphthalene	ND		10		ug/Kg		02/18/25 13:06	02/18/25 16:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*88*		*41 - 120*	*02/18/25 13:06*	*02/18/25 16:43*	*1*
Nitrobenzene-d5	*86*		*32 - 120*	*02/18/25 13:06*	*02/18/25 16:43*	*1*
p-Terphenyl-d14	*103*		*45 - 134*	*02/18/25 13:06*	*02/18/25 16:43*	*1*

Lab Sample ID: LCS 590-52422/2-A
Matrix: Solid
Analysis Batch: 52430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 52422

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	267	214		ug/Kg		80	44 - 120
2-Methylnaphthalene	267	214		ug/Kg		80	45 - 120
Benzo[a]anthracene	267	249		ug/Kg		93	65 - 122
Benzo[a]pyrene	267	229		ug/Kg		86	56 - 120
Benzo[b]fluoranthene	267	232		ug/Kg		87	56 - 122
Benzo[k]fluoranthene	267	246		ug/Kg		92	53 - 120
Chrysene	267	236		ug/Kg		89	53 - 120
Dibenz(a,h)anthracene	267	245		ug/Kg		92	59 - 120
Indeno[1,2,3-cd]pyrene	267	240		ug/Kg		90	59 - 120
Naphthalene	267	199		ug/Kg		75	37 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*89*		*41 - 120*
Nitrobenzene-d5	*79*		*32 - 120*
p-Terphenyl-d14	*107*		*45 - 134*

Lab Sample ID: 590-29458-1 MS
Matrix: Solid
Analysis Batch: 52430

Client Sample ID: C_113_2_1
Prep Type: Total/NA
Prep Batch: 52422

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	ND		273	212		ug/Kg	☼	78	44 - 120
2-Methylnaphthalene	ND		273	211		ug/Kg	☼	77	45 - 120
Benzo[a]anthracene	ND		273	254		ug/Kg	☼	93	65 - 122
Benzo[a]pyrene	ND		273	242		ug/Kg	☼	89	56 - 120
Benzo[b]fluoranthene	ND		273	239		ug/Kg	☼	88	56 - 122
Benzo[k]fluoranthene	ND		273	257		ug/Kg	☼	94	53 - 120

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

Lab Sample ID: 590-29458-1 MS
Matrix: Solid
Analysis Batch: 52430

Client Sample ID: C_113_2_1
Prep Type: Total/NA
Prep Batch: 52422

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chrysene	ND		273	247		ug/Kg	☼	90	53 - 120
Dibenz(a,h)anthracene	ND		273	254		ug/Kg	☼	93	59 - 120
Indeno[1,2,3-cd]pyrene	ND		273	250		ug/Kg	☼	92	59 - 120
Naphthalene	ND		273	193		ug/Kg	☼	71	37 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*87*		*41 - 120*
Nitrobenzene-d5	*80*		*32 - 120*
p-Terphenyl-d14	*105*		*45 - 134*

Lab Sample ID: 590-29458-1 MSD
Matrix: Solid
Analysis Batch: 52430

Client Sample ID: C_113_2_1
Prep Type: Total/NA
Prep Batch: 52422

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	ND		268	226		ug/Kg	☼	84	44 - 120	6	28
2-Methylnaphthalene	ND		268	225		ug/Kg	☼	84	45 - 120	7	29
Benzo[a]anthracene	ND		268	257		ug/Kg	☼	96	65 - 122	1	21
Benzo[a]pyrene	ND		268	241		ug/Kg	☼	90	56 - 120	0	20
Benzo[b]fluoranthene	ND		268	237		ug/Kg	☼	89	56 - 122	1	24
Benzo[k]fluoranthene	ND		268	264		ug/Kg	☼	98	53 - 120	3	19
Chrysene	ND		268	254		ug/Kg	☼	94	53 - 120	3	16
Dibenz(a,h)anthracene	ND		268	250		ug/Kg	☼	93	59 - 120	2	15
Indeno[1,2,3-cd]pyrene	ND		268	252		ug/Kg	☼	94	59 - 120	1	15
Naphthalene	ND		268	213		ug/Kg	☼	79	37 - 120	10	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*86*		*41 - 120*
Nitrobenzene-d5	*81*		*32 - 120*
p-Terphenyl-d14	*103*		*45 - 134*

Lab Sample ID: MB 590-52594/1-A
Matrix: Solid
Analysis Batch: 52598

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 52594

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		10		ug/Kg		02/26/25 14:25	02/26/25 16:18	1
2-Methylnaphthalene	ND		10		ug/Kg		02/26/25 14:25	02/26/25 16:18	1
Benzo[a]anthracene	ND		10		ug/Kg		02/26/25 14:25	02/26/25 16:18	1
Benzo[a]pyrene	ND		10		ug/Kg		02/26/25 14:25	02/26/25 16:18	1
Benzo[b]fluoranthene	ND		10		ug/Kg		02/26/25 14:25	02/26/25 16:18	1
Benzo[k]fluoranthene	ND		10		ug/Kg		02/26/25 14:25	02/26/25 16:18	1
Chrysene	ND		10		ug/Kg		02/26/25 14:25	02/26/25 16:18	1
Dibenz(a,h)anthracene	ND		10		ug/Kg		02/26/25 14:25	02/26/25 16:18	1
Indeno[1,2,3-cd]pyrene	ND		10		ug/Kg		02/26/25 14:25	02/26/25 16:18	1
Naphthalene	ND		10		ug/Kg		02/26/25 14:25	02/26/25 16:18	1

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

Lab Sample ID: MB 590-52594/1-A
Matrix: Solid
Analysis Batch: 52598

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 52594

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	93		41 - 120	02/26/25 14:25	02/26/25 16:18	1
Nitrobenzene-d5	105		32 - 120	02/26/25 14:25	02/26/25 16:18	1
p-Terphenyl-d14	116		45 - 134	02/26/25 14:25	02/26/25 16:18	1

Lab Sample ID: LCS 590-52594/2-A
Matrix: Solid
Analysis Batch: 52598

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 52594

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	267	222		ug/Kg		83	44 - 120
2-Methylnaphthalene	267	222		ug/Kg		83	45 - 120
Benzo[a]anthracene	267	259		ug/Kg		97	65 - 122
Benzo[a]pyrene	267	250		ug/Kg		94	56 - 120
Benzo[b]fluoranthene	267	232		ug/Kg		87	56 - 122
Benzo[k]fluoranthene	267	284		ug/Kg		107	53 - 120
Chrysene	267	252		ug/Kg		95	53 - 120
Dibenz(a,h)anthracene	267	256		ug/Kg		96	59 - 120
Indeno[1,2,3-cd]pyrene	267	251		ug/Kg		94	59 - 120
Naphthalene	267	218		ug/Kg		82	37 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	90		41 - 120
Nitrobenzene-d5	98		32 - 120
p-Terphenyl-d14	104		45 - 134

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 590-52617/2-A
Matrix: Solid
Analysis Batch: 52630

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 52617

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.3		mg/Kg		02/27/25 11:09	02/27/25 17:50	1
Lead	ND		3.0		mg/Kg		02/27/25 11:09	02/27/25 17:50	1

Lab Sample ID: LCS 590-52617/1-A
Matrix: Solid
Analysis Batch: 52630

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 52617

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	100	102		mg/Kg		102	80 - 120
Lead	50.0	49.2		mg/Kg		98	80 - 120

Lab Sample ID: 590-29458-1 MS
Matrix: Solid
Analysis Batch: 52630

Client Sample ID: C_113_2_1
Prep Type: Total/NA
Prep Batch: 52617

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	ND		104	105		mg/Kg	☼	96	75 - 125

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

Lab Sample ID: 590-29458-1 MS
Matrix: Solid
Analysis Batch: 52630

Client Sample ID: C_113_2_1
Prep Type: Total/NA
Prep Batch: 52617

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	ND		51.9	53.1		mg/Kg	☼	102	75 - 125

Lab Sample ID: 590-29458-1 MSD
Matrix: Solid
Analysis Batch: 52630

Client Sample ID: C_113_2_1
Prep Type: Total/NA
Prep Batch: 52617

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	ND		97.1	96.3		mg/Kg	☼	94	75 - 125	9	20
Lead	ND		48.6	49.3		mg/Kg	☼	102	75 - 125	7	20

Lab Sample ID: 590-29458-1 DU
Matrix: Solid
Analysis Batch: 52630

Client Sample ID: C_113_2_1
Prep Type: Total/NA
Prep Batch: 52617

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	ND		ND		mg/Kg	☼	NC	20
Lead	ND		ND		mg/Kg	☼	NC	20

Client Sample ID: C_113_2_1 — **Lab Sample ID: 590-29458-1**
Date Collected: 02/13/25 15:20 — **Matrix: Solid**
Date Received: 02/14/25 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52432	02/18/25 17:02	NMI	EET SPK

Client Sample ID: C_113_2_1 — **Lab Sample ID: 590-29458-1**
Date Collected: 02/13/25 15:20 — **Matrix: Solid**
Date Received: 02/14/25 10:30 — **Percent Solids: 96.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.53 g	2 mL	52422	02/18/25 13:06	NMI	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52430	02/18/25 17:27	NMI	EET SPK
Total/NA	Prep	3050B			1.62 g	50 mL	52617	02/27/25 11:09	AMB	EET SPK
Total/NA	Analysis	6010D		10			52630	02/27/25 17:56	AMB	EET SPK

Client Sample ID: C_113_2_2 — **Lab Sample ID: 590-29458-2**
Date Collected: 02/13/25 15:20 — **Matrix: Solid**
Date Received: 02/14/25 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52432	02/18/25 17:02	NMI	EET SPK

Client Sample ID: C_113_2_2 — **Lab Sample ID: 590-29458-2**
Date Collected: 02/13/25 15:20 — **Matrix: Solid**
Date Received: 02/14/25 10:30 — **Percent Solids: 94.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.12 g	2 mL	52422	02/18/25 13:06	NMI	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52430	02/18/25 18:33	NMI	EET SPK
Total/NA	Prep	3050B			1.30 g	50 mL	52617	02/27/25 11:09	AMB	EET SPK
Total/NA	Analysis	6010D		10			52630	02/27/25 18:41	AMB	EET SPK

Client Sample ID: C_106_2_1 — **Lab Sample ID: 590-29458-5**
Date Collected: 02/13/25 14:15 — **Matrix: Solid**
Date Received: 02/14/25 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52432	02/18/25 17:02	NMI	EET SPK

Client Sample ID: C_106_2_1 — **Lab Sample ID: 590-29458-5**
Date Collected: 02/13/25 14:15 — **Matrix: Solid**
Date Received: 02/14/25 10:30 — **Percent Solids: 96.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.71 g	2 mL	52422	02/18/25 13:06	NMI	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52430	02/18/25 18:55	NMI	EET SPK
Total/NA	Prep	3050B			1.56 g	50 mL	52617	02/27/25 11:09	AMB	EET SPK
Total/NA	Analysis	6010D		10			52630	02/27/25 18:46	AMB	EET SPK

Client Sample ID: C_106_2_2 — **Lab Sample ID: 590-29458-6**
Date Collected: 02/13/25 14:15 — **Matrix: Solid**
Date Received: 02/14/25 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52432	02/18/25 17:02	NMI	EET SPK

Client Sample ID: C_106_2_2 — **Lab Sample ID: 590-29458-6**
Date Collected: 02/13/25 14:15 — **Matrix: Solid**
Date Received: 02/14/25 10:30 — **Percent Solids: 90.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.32 g	2 mL	52422	02/18/25 13:06	NMI	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52430	02/18/25 19:17	NMI	EET SPK
Total/NA	Prep	3050B			1.80 g	50 mL	52617	02/27/25 11:09	AMB	EET SPK
Total/NA	Analysis	6010D		10			52630	02/27/25 18:51	AMB	EET SPK

Client Sample ID: C_89_1_1 — **Lab Sample ID: 590-29458-9**
Date Collected: 02/13/25 14:45 — **Matrix: Solid**
Date Received: 02/14/25 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52432	02/18/25 17:02	NMI	EET SPK

Client Sample ID: C_89_1_1 — **Lab Sample ID: 590-29458-9**
Date Collected: 02/13/25 14:45 — **Matrix: Solid**
Date Received: 02/14/25 10:30 — **Percent Solids: 92.3**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.35 g	2 mL	52422	02/18/25 13:06	NMI	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52430	02/18/25 19:39	NMI	EET SPK
Total/NA	Prep	3050B			1.39 g	50 mL	52617	02/27/25 11:09	AMB	EET SPK
Total/NA	Analysis	6010D		10			52630	02/27/25 18:55	AMB	EET SPK

Client Sample ID: C_89_1_2 — **Lab Sample ID: 590-29458-10**
Date Collected: 02/13/25 14:45 — **Matrix: Solid**
Date Received: 02/14/25 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52432	02/18/25 17:02	NMI	EET SPK

Client Sample ID: C_89_1_2 — **Lab Sample ID: 590-29458-10**
Date Collected: 02/13/25 14:45 — **Matrix: Solid**
Date Received: 02/14/25 10:30 — **Percent Solids: 86.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.04 g	2 mL	52422	02/18/25 13:06	NMI	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52430	02/18/25 20:01	NMI	EET SPK
Total/NA	Prep	3050B			1.68 g	50 mL	52617	02/27/25 11:09	AMB	EET SPK
Total/NA	Analysis	6010D		10			52630	02/27/25 19:00	AMB	EET SPK

Client Sample ID: C_114_4_1 — **Lab Sample ID: 590-29458-13**
Date Collected: 02/13/25 13:45 — **Matrix: Solid**
Date Received: 02/14/25 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52432	02/18/25 17:02	NMI	EET SPK

Client Sample ID: C_114_4_1 — **Lab Sample ID: 590-29458-13**
Date Collected: 02/13/25 13:45 — **Matrix: Solid**
Date Received: 02/14/25 10:30 — **Percent Solids: 92.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.92 g	2 mL	52422	02/18/25 13:06	NMI	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52430	02/18/25 20:23	NMI	EET SPK
Total/NA	Prep	3050B			1.29 g	50 mL	52617	02/27/25 11:09	AMB	EET SPK
Total/NA	Analysis	6010D		10			52630	02/27/25 19:05	AMB	EET SPK

Client Sample ID: C_114_4_2 — **Lab Sample ID: 590-29458-14**
Date Collected: 02/13/25 13:45 — **Matrix: Solid**
Date Received: 02/14/25 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52432	02/18/25 17:02	NMI	EET SPK

Client Sample ID: C_114_4_2 — **Lab Sample ID: 590-29458-14**
Date Collected: 02/13/25 13:45 — **Matrix: Solid**
Date Received: 02/14/25 10:30 — **Percent Solids: 88.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.25 g	2 mL	52422	02/18/25 13:06	NMI	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52430	02/18/25 20:45	NMI	EET SPK
Total/NA	Prep	3050B			1.47 g	50 mL	52617	02/27/25 11:09	AMB	EET SPK
Total/NA	Analysis	6010D		10			52630	02/27/25 19:25	AMB	EET SPK

Client Sample ID: C_107_4_1 — **Lab Sample ID: 590-29458-17**
Date Collected: 02/13/25 13:00 — **Matrix: Solid**
Date Received: 02/14/25 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52432	02/18/25 17:02	NMI	EET SPK

Client Sample ID: C_107_4_1 — **Lab Sample ID: 590-29458-17**
Date Collected: 02/13/25 13:00 — **Matrix: Solid**
Date Received: 02/14/25 10:30 — **Percent Solids: 80.3**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.32 g	2 mL	52422	02/18/25 13:06	NMI	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52430	02/18/25 21:08	NMI	EET SPK

Client Sample ID: C_107_4_2 — **Lab Sample ID: 590-29458-18**
Date Collected: 02/13/25 13:00 — **Matrix: Solid**
Date Received: 02/14/25 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52432	02/18/25 17:02	NMI	EET SPK

Client Sample ID: C_107_4_2 — **Lab Sample ID: 590-29458-18**
Date Collected: 02/13/25 13:00 — **Matrix: Solid**
Date Received: 02/14/25 10:30 — **Percent Solids: 92.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.07 g	2 mL	52422	02/18/25 13:06	NMI	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52430	02/18/25 21:30	NMI	EET SPK

Client Sample ID: C_107_4_3 — **Lab Sample ID: 590-29458-19**
Date Collected: 02/13/25 13:00 — **Matrix: Solid**
Date Received: 02/14/25 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52532	02/24/25 16:11	AMB	EET SPK

Client Sample ID: C_107_4_3 — **Lab Sample ID: 590-29458-19**
Date Collected: 02/13/25 13:00 — **Matrix: Solid**
Date Received: 02/14/25 10:30 — **Percent Solids: 91.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			16.35 g	2 mL	52594	02/26/25 14:25	NMI	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52598	02/26/25 17:02	NMI	EET SPK

Client Sample ID: C_107_4_4 — **Lab Sample ID: 590-29458-20**
Date Collected: 02/13/25 13:00 — **Matrix: Solid**
Date Received: 02/14/25 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52532	02/24/25 16:11	AMB	EET SPK

Client Sample ID: C_107_4_4 — **Lab Sample ID: 590-29458-20**
Date Collected: 02/13/25 13:00 — **Matrix: Solid**
Date Received: 02/14/25 10:30 — **Percent Solids: 91.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			16.54 g	2 mL	52594	02/26/25 14:25	NMI	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52598	02/26/25 17:24	NMI	EET SPK

Client Sample ID: C_101_3_1 — **Lab Sample ID: 590-29458-21**
Date Collected: 02/13/25 11:45 — **Matrix: Solid**
Date Received: 02/14/25 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52432	02/18/25 17:02	NMI	EET SPK

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 590-29458-1

Client Sample ID: C_101_3_1

Lab Sample ID: 590-29458-21

Date Collected: 02/13/25 11:45

Matrix: Solid

Date Received: 02/14/25 10:30

Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.31 g	2 mL	52422	02/18/25 13:06	NMI	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52430	02/18/25 21:52	NMI	EET SPK
Total/NA	Prep	3050B			1.49 g	50 mL	52617	02/27/25 11:09	AMB	EET SPK
Total/NA	Analysis	6010D		10			52630	02/27/25 19:30	AMB	EET SPK

Client Sample ID: C_101_3_2

Lab Sample ID: 590-29458-22

Date Collected: 02/13/25 11:45

Matrix: Solid

Date Received: 02/14/25 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52432	02/18/25 17:02	NMI	EET SPK

Client Sample ID: C_101_3_2

Lab Sample ID: 590-29458-22

Date Collected: 02/13/25 11:45

Matrix: Solid

Date Received: 02/14/25 10:30

Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.58 g	2 mL	52422	02/18/25 13:06	NMI	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52430	02/18/25 22:14	NMI	EET SPK
Total/NA	Prep	3050B			1.34 g	50 mL	52617	02/27/25 11:09	AMB	EET SPK
Total/NA	Analysis	6010D		10			52630	02/27/25 19:35	AMB	EET SPK

Laboratory References:

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

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 590-29458-1

Laboratory: Eurofins Spokane

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C569	01-06-26

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

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

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 590-29458-1

Method	Method Description	Protocol	Laboratory
8270E SIM	Semivolatile Organic Compounds (GC/MS SIM)	SW846	EET SPK
6010D	Metals (ICP)	SW846	EET SPK
Moisture	Percent Moisture	EPA	EET SPK
3050B	Preparation, Metals	SW846	EET SPK
3550C	Ultrasonic Extraction	SW846	EET SPK

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

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

HALEY ALDRICH

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CHAIN OF CUSTODY RECORD

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Page 1 of 3

H&A FILE NO.	0202349-002	LABORATORY	Eurofins
PROJECT NAME	CUSD Gunclub	ADDRESS	
H&A CONTACT	Breeyn Greer	CONTACT	
DELIVERY DATE	2-14-25		
TURNAROUND TIME	STD		
PROJECT MANAGER	Breeyn Greer		

Sample No.	Date	Time	Depth	Type	Analysis Requested: CAM17 Metals plus Hg (Project-list)	Analysis Requested: Pb 6020	Analysis Requested: As 6020	Number of Containers
C-113_2_1	2-13	15:20	2	Soil	X	X	X	1
C-113_2_2					X	X	X	
C-113_2_3								
C-113_2_4								
C-106_2_1		14:15	2		X	X	X	
C-106_2_2					X	X	X	
C-106_2_3								
C-106_2_4								
C-89-1_1		14:45	1		X	X	X	
C-89-1_2		1445	1		X	X	X	

Comments (special instructions, precautions, additional method numbers, etc.)

Laboratory to use applicable DEP CAM methods, unless otherwise directed.

Hold all samples not selected for analysis

Sampled and Relinquished by	Received by
Sign	Sign
Print Cameron Luckey	Print
Firm	Firm
Date 2-14-25 Time 10:30	Date 1030 Time 2/14/25
Relinquished by	**Received by**
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time
Relinquished by	**Received by**
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time

LIQUID

	VOA Vial	Amber Glass	Plastic Bottle	Preservative	Volume	Clear Glass

590-29458 Chain of Custody

Sampling Comments

S.1, S.2

Evidence samples were tampered with? YES NO

If YES, please explain in section below.

PRESERVATION KEY

A Sample chilled	C NaOH	E H_2SO_4	G Methanol
B Sample filtered	D HNO_3	F HCL	H Water/NaHSO4 (circle)

Presumptive Certainty Data Package (Laboratory to use applicable DEP CAM methods)

If Presumptive Certainty Data Package is needed, initial all sections:

_____ The required minimum field QC samples, as designated in BWSC CAM-VII have been or will be collected, as appropriate, to meet the requirements of Presumptive Certainty

_____ Matrix Spike (MS) samples for MCP Metals and/or Cyanide are included and identified herein.

_____ This Chain of Custody Record (specify) _____ includes _____ does not include samples defined as Drinking Water Samples.

_____ If this Chain of Custody Record identifies samples defined as Drinking Water Samples, Trip Blanks and Field Duplicates are included and identified and analysis of TICs are required, as appropriate. Laboratory should (specify if applicable) _____ analyze

Required Reporting Limits and Data Quality Objectives

☐ RC-S1 ☐ S1 ☐ GW1
☐ RC-S2 ☐ S2 ☐ GW2
☐ RC-GW1 ☐ S3 ☐ GW3
☐ RC-GW2

WHITE Laboratory CANARY Project Manager PINK Haley & Aldrich Laboratory

FEBRUARY 2016

HALEY ALDRICH

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CHAIN OF CUSTODY RECORD

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Page 2 of 3

H&A FILE NO.	0202349-002	LABORATORY	Eurofins	DELIVERY DATE	2-14-25
PROJECT NAME	CUSD Cayr Club	ADDRESS		TURNAROUND TIME	STD
H&A CONTACT	Breeyn Greer	CONTACT		PROJECT MANAGER	Breeyn Greer

Sample No.	Date	Time	Depth	Type	Analysis Requested: CMMB Project List	Pb 6020	AS 6020	Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)
C_89_1_3	2-13	14:45	1	Soil				7	Laboratory to use applicable DEP CAM methods, unless otherwise directed. Hold all samples not selected for analysis
C_89_1_4		14:45	1						
C_114_4_1		13:45	4		X	X			
C_114_4_2					X	X			
C_114_4_3									
C_114_4_4									
C_107_4_1		13:00	4		X				
C_107_4_2					X				
C_107_4_3									
C_107_4_4									

Sampled and Relinquished by	Received by
Sign	Sign
Print Cameron Berkey	Print Madison
Firm	Firm
Date 2-14-25 Time 10:30	Date 1030 Time 2/14/25
Relinquished by	**Received by**
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time
Relinquished by	**Received by**
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time

LIQUID	SOLID
VOA Vial	VOA Vial
Amber Glass	Amber Glass
Plastic Bottle	Clear Glass
Preservative	Preservative
Volume	Volume

Sampling Comments

3.1, 3.2

1 Row

Evidence samples were tampered with? YES NO

If YES, please explain in section below.

PRESERVATION KEY

A Sample chilled	C NaOH	E H_2SO_4	G Methanol
B Sample filtered	D HNO_3	F HCL	H Water/NaHSO4 (circle)

Presumptive Certainty Data Package (Laboratory to use applicable DEP CAM methods)

If Presumptive Certainty Data Package is needed, initial all sections:

_____ The required minimum field QC samples, as designated in BWSC CAM-VII have been or will be collected, as appropriate, to meet the requirements of Presumptive Certainty.

_____ Matrix Spike (MS) samples for MCP Metals and/or Cyanide are included and identified herein.

_____ This Chain of Custody Record (specify) _____ includes _____ does not include samples defined as Drinking Water Samples.

_____ If this Chain of Custody Record identifies samples defined as Drinking Water Samples, Trip Blanks and Field Duplicates are included and identified and analysis of TICs are required, as appropriate. Laboratory should (specify if applicable) _____ analyze

Required Reporting Limits and Data Quality Objectives

☐ RC-S1 ☐ S1 ☐ GW1
☐ RC-S2 ☐ S2 ☐ GW2
☐ RC-GW1 ☐ S3 ☐ GW3
☐ RC-GW2

WHITE Laboratory CANARY Project Manager PINK Haley & Aldrich Laboratory FEBRUARY 2016

Form 3003

2/28/2025

HALEY ALDRICH

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CHAIN OF CUSTODY RECORD

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Page 3 of 3

H&A FILE NO.	0202349-002	LABORATORY	Eurofins	DELIVERY DATE	2-14-25
PROJECT NAME	CUSD Gun Club	ADDRESS		TURNAROUND TIME	STD
H&A CONTACT	Breeyn Greer	CONTACT		PROJECT MANAGER	Breeyn Greer

Sample No.	Date	Time	Depth	Type	Analysis Requested: CWHS Project Specific CoC	Pb EPA 6020	As EPA 6020	Number of Containers
C_101_3_1	2-13	11:45	3	Soil	X	X	X	1
C_101_3_2					X	X	X	
C_101_3_3								
C_101_3_4								

Comments (special instructions, precautions, additional method numbers, etc.)

Laboratory to use applicable DEP CAM methods, unless otherwise directed.

Hold all samples not selected for analysis

Sampled and Relinquished by	Received by
Sign	Sign
Print Cameron Cooley	Print Madison
Firm	Firm
Date 2-14-25 Time 10:30	Date 1030 Time 2/14/25

Relinquished by	Received by
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time

Relinquished by	Received by
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time

LIQUID	
	VOA Vial
	Amber Glass
	Plastic Bottle
	Preservative
	Volume

SOLID	
	VOA Vial
	Amber Glass
	Clear Glass
	Preservative
	Volume

Sampling Comments

S1, 3.2

1205

Evidence samples were tampered with? YES NO

If YES, please explain in section below

PRESERVATION KEY

A Sample chilled	C NaOH	E H_2SO_4	G Methanol
B Sample filtered	D HNO_3	F HCL	H Water/NaHSO4 (circle)

Presumptive Certainty Data Package (Laboratory to use applicable DEP CAM methods)

If Presumptive Certainty Data Package is needed, initial all sections:

_____ The required minimum field QC samples, as designated in BWSC CAM-VII have been or will be collected, as appropriate, to meet the requirements of Presumptive Certainty.

_____ Matrix Spike (MS) samples for MCP Metals and/or Cyanide are included and identified herein.

_____ This Chain of Custody Record (specify) _____ includes _____ does not include samples defined as Drinking Water Samples.

_____ If this Chain of Custody Record identifies samples defined as Drinking Water Samples, Trip Blanks and Field Duplicates are included and identified and analysis of TICs are required, as appropriate. Laboratory should (specify if applicable) _____ analyze

Required Reporting Limits and Data Quality Objectives

☐ RC-S1 ☐ S1 ☐ GW1
☐ RC-S2 ☐ S2 ☐ GW2
☐ RC-GW1 ☐ S3 ☐ GW3
☐ RC-GW2

WHITE Laboratory CANARY Project Manager PINK Haley & Aldrich Laboratory

FEBRUARY 2016

Form 3003

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CHAIN OF CUSTODY RECORD

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Page 1 of 3

H&A FILE NO. 0203234-002
PROJECT NAME CUSD Gunclub
H&A CONTACT Breeyn Greer

LABORATORY Eurofins
ADDRESS
CONTACT

DELIVERY DATE ~~2-14-25~~ 2/21/25
TURNAROUND TIME STD
PROJECT MANAGER Breeyn Greer

Sample No.	Date	Time	Depth	Type	Analysis Requested: Lead PFAS PFAS 537.1 (modified) PB 6020 PFAS 6020	Number of Containers
C-113-2-1	2-13	15:20	2	Soil	X X X	1
C-113-2-2						
C-113-2-3						
C-113-2-4						
C-106-2-1		1415	2		X X X	
C-106-2-2						
C-106-2-3						
C-106-2-4						
C-89-1-1		1445	1		X X X	
C-89-1-2		1445				

Comments (special instructions, precautions, additional method numbers, etc.)

Laboratory to use applicable DEP CAM methods, unless otherwise directed.

Hold all samples not selected for analysis

Sampled and Relinquished by	Received by
Sign	Sign
Print Cameron Lueke	Print
Firm	Firm
Date 2-14-25 Time 10:30	Date 1030 Time 2/14/25
Relinquished by	**Received by**
Sign	Sign
Print Luke Feder	Print
Firm H&A	Firm
Date 2/21/25 Time 9:45	Date Time
Relinquished by	**Received by**
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time

LIQUID	
VOA Vial	
Amber Glass	
Plastic Bottle	
Preservative	
Volume	

SOLID	
VOA Vial	
Amber Glass	
Clear Glass	
Preservative	
Volume	

PRESERVATION KEY

A Sample chilled	C NaOH	E H_2SO_4	G Methanol	
B Sample filtered	D HNO_3	F HCL	H Water/NaHSO4 (circle)	

Sampling Comments

9.1, 3.2

Evidence samples were tampered with? YES NO
If YES, please explain in section below.

Presumptive Certainty Data Package (Laboratory to use applicable DEP CAM methods)

If Presumptive Certainty Data Package is needed, fulfill all sections:

_____ The required minimum field QC samples, as designated in BWSC CAM-VII have been or will be collected, as appropriate, to meet the requirements of Presumptive Certainty.

_____ Matrix Spike (MS) samples for MCP Metals and/or Cyanide are included and identified herein.

_____ This Chain of Custody Record (specify) _____ includes _____ does not include samples defined as Drinking Water Samples.

_____ If this Chain of Custody Record identifies samples defined as Drinking Water Samples, Trip Blanks and Field Duplicates are included and identified and analysis of TICs are required, as appropriate. Laboratory should (specify if applicable) _____ analyze

Required Reporting Limits and Data Quality Objectives

- ☐ RC-S1
- ☐ RC-S2
- ☐ RC-GW1
- ☐ RC-GW2
- ☐ S1
- ☐ S2
- ☐ S3
- ☐ GW1
- ☐ GW2
- ☐ GW3

Form 3501

WHITE - Laboratory CANARY - Project Manager PINK - Haley & Aldrich Laboratory

FEBRUARY 2016

HALEY ALDRICH

Haley & Aldrich, Inc.
505 W. Riverside,
Suite 450,
Spokane WA, 99201

Phone (617) 886-7400
Fax (617) 886-7600

CHAIN OF CUSTODY RECORD

Page 1 of 3

H&A FILE NO. 0207349-002
PROJECT NAME CUSD Gym Club
H&A CONTACT Breeyn Greer

LABORATORY Eurofins
ADDRESS
CONTACT

DELIVERY DATE ~~2/14/25~~ 2/21/25
TURNAROUND TIME STD
PROJECT MANAGER Breeyn Greer

Sample No.	Date	Time	Depth	Type	Analysis Requested: 8260B VOCs Target List; 6020 Pb; 6020 As	Number of Containers
C-89-1-3	2-13	14:45	1	SOIL	XX	1
C-89-1-4		14:45			*	
C-114-4-1		13:45	4		*	
C-114-4-2						
C-114-4-3					XX	
C-114-4-4						
C-107-4-1		13:00	4			
C-107-4-2						
C-107-4-3						
C-107-4-4						

Comments (special instructions, precautions, additional method numbers, etc.)

Laboratory to use applicable DEP CAM methods, unless otherwise directed.

Hold all samples not selected for analysis

Sampled and Relinquished by	Received by
Sign	Sign
Print Cameron Lockey	Print
Firm	Firm
Date 2-14-25 Time 10:30	Date 1030 Time 2/14/25
Relinquished by	**Received by**
Sign	Sign
Print Luke Feden	Print
Firm H&A	Firm
Date 2/21/25 Time 9:45	Date Time
Relinquished by	**Received by**
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time

LIQUID	SOLID
VOA Vial	VOA Vial
Amber Glass	Amber Glass
Plastic Bottle	Clear Glass
Preservative	Preservative
Volume	Volume

Sampling Comments

3.1, 3.2

1 Cooler

Evidence samples were tampered with? YES NO
If YES, please explain in section below.

PRESERVATION KEY

A Sample chilled C NaOH E H_2SO_4 G Methanol
B Sample filtered D HNO_3 F HCL H Water/NaHSO4 (circle)

Presumptive Certainty Data Package (Laboratory to use applicable DEP CAM methods)

If Presumptive Certainty Data Package is needed, initial all sections:

_____ The required minimum field QC samples, as designated in BWSC CAM-VII have been or will be collected, as appropriate, to meet the requirements of Presumptive Certainty.

_____ Matrix Spike (MS) samples for MCP Metals and/or Cyanide are included and identified herein.

_____ This Chain of Custody Record (specify) _____ includes _____ does not include samples defined as Drinking Water Samples.

_____ If this Chain of Custody Record identifies samples defined as Drinking Water Samples, Trip Blanks and Field Duplicates are included and identified and analysis of TICs are required, as appropriate. Laboratory should (specify if applicable) _____ analyze

Required Reporting Limits and Data Quality Objectives

☐ RC-S1 ☐ S1 ☐ GW1
☐ RC-S2 ☐ S2 ☐ GW2
☐ RC-GW1 ☐ S3 ☐ GW3
☐ RC-GW2

WHITE - Laboratory CANARY - Project Manager PINK - Haley & Aldrich Laboratory

Form 1001 FEBRUARY 2016

HALEY ALDRICH

Haley & Aldrich, Inc.
505 W. Riverside,
Suite 450,
Spokane WA, 99201

CHAIN OF CUSTODY RECORD

Phone (617) 886-7400
Fax (617) 886-7600
Page 3 of 3

H&A FILE NO. 0202349-002
PROJECT NAME CUSD Gun Club
H&A CONTACT Breeyn Greer

LABORATORY Eurofins
ADDRESS
CONTACT

DELIVERY DATE ~~2-14-25~~ 2/21/25
TURNAROUND TIME STD
PROJECT MANAGER Breeyn Greer

Sample No.	Date	Time	Depth	Type	Analysis Requested (Cr(VI), Project Specific List, Pb, EPA 6020, As, EPA 6020)	Number of Containers
C-101_3-1	2-13	11:45	3	Soil	X X X	1
C-101_3-2	"	"	"	"	X X X	"
C-101_3-3	"	"	"	"		
C-101_3-4	"	"	"	"		

Comments (special instructions, precautions, additional method numbers, etc.)

Laboratory to use applicable DEP CAM methods, unless otherwise directed.

Hold all samples not selected for analysis

	Sampled and Relinquished by	Received by
Sign		
Print	Cameron Cooley	Madison
Firm		
Date / Time	2-14-25 10:30	1030 2/14/25
Relinquished by		Received by
Sign		
Print	Luke Feden	
Firm	H&A	
Date / Time	2/21/25 9:45	
Relinquished by		Received by
Sign		
Print		
Firm		
Date / Time		

LIQUID	VOA Vial	Amber Glass	Plastic Bottle	Preservative	Volume

SOLID	VOA Vial	Amber Glass	Clear Glass	Preservative	Volume

PRESERVATION KEY

A Sample chilled C NaOH E H_2SO_4 G Methanol
B Sample filtered D HNO_3 F HCL H Water/NaHSO4 (circle)

Sampling Comments

3.1, 3.2

1205

Evidence samples were tampered with? YES NO
If YES, please explain in section below.

Presumptive Certainty Data Package (Laboratory to use applicable DEP CAM methods)

If Presumptive Certainty Data Package is needed, initial all sections:

_____ The required minimum field QC samples, as designated in BWSC CAM-VII have been or will be collected, as appropriate, to meet the requirements of Presumptive Certainty.
_____ Matrix Spike (MS) samples for MCP Metals and/or Cyanide are included and identified herein.
_____ This Chain of Custody Record (specify) _____ includes _____ does not include samples defined as Drinking Water Samples.
_____ If this Chain of Custody Record identifies samples defined as Drinking Water Samples, Trip Blanks and Field Duplicates are included and identified and analysis of TICs are required, as appropriate. Laboratory should (specify if applicable) _____ analyze

Required Reporting Limits and Data Quality Objectives

☐ RC-S1 ☐ S1 ☐ GW1
☐ RC-S2 ☐ S2 ☐ GW2
☐ RC-GW1 ☐ S3 ☐ GW3
☐ RC-GW2

WHITE - Laboratory CANARY - Project Manager PINK - Haley & Aldrich Laboratory

Form 3501 FEBRUARY 2016

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 590-29458-1

Login Number: 29458

List Source: Eurofins Spokane

List Number: 1

Creator: Vaughan, Madison R

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

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

ANALYTICAL REPORT

PREPARED FOR

Attn: Breeyn Greer
Haley & Aldrich, Inc.
505 W Riverside Ave
Suite 450
Spokane, Washington 99201

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JOB DESCRIPTION

CVSD Gun Club

JOB NUMBER

590-29670-1

Eurofins Spokane
11922 East 1st Ave
Spokane WA 99206

See page two for job notes and contact information.

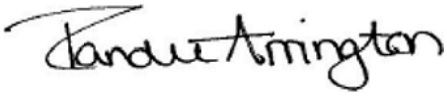
my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

Authorization



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Authorized for release by
Randee Arrington, Business Unit Manager
Randee.Arrington@et.eurofinsus.com
(509)924-9200

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Job Narrative
590-29670-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 3/4/2025 8:50 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.6°C.

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

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

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 590-29670-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
590-29670-1	CP_93_3.5_1	Solid	03/03/25 09:40	03/04/25 08:50
590-29670-2	CP_93_3.5_2	Solid	03/03/25 09:45	03/04/25 08:50
590-29670-5	CP_98_3.5_1	Solid	03/03/25 10:00	03/04/25 08:50
590-29670-6	CP_98_3.5_2	Solid	03/03/25 10:05	03/04/25 08:50
590-29670-9	CP_96_3.5_1	Solid	03/03/25 10:20	03/04/25 08:50
590-29670-10	CP_96_3.5_2	Solid	03/03/25 10:25	03/04/25 08:50
590-29670-13	CP_121_3.25_1	Solid	03/03/25 10:40	03/04/25 08:50
590-29670-14	CP_121_3.25_2	Solid	03/03/25 10:45	03/04/25 08:50
590-29670-17	CP_94_4_1	Solid	03/03/25 11:15	03/04/25 08:50
590-29670-18	CP_94_4_2	Solid	03/03/25 11:20	03/04/25 08:50
590-29670-19	CP_111_3.5_1	Solid	03/03/25 11:25	03/04/25 08:50
590-29670-20	CP_111_3.5_2	Solid	03/03/25 11:30	03/04/25 08:50
590-29670-23	CP_112_3.5_1	Solid	03/03/25 11:45	03/04/25 08:50
590-29670-24	CP_112_3.5_2	Solid	03/03/25 11:50	03/04/25 08:50
590-29670-25	CP_109_3.25_1	Solid	03/03/25 12:10	03/04/25 08:50
590-29670-26	CP_109_3.25_2	Solid	03/03/25 12:15	03/04/25 08:50
590-29670-29	CP_110_3_1	Solid	03/03/25 12:30	03/04/25 08:50
590-29670-30	CP_110_3_2	Solid	03/03/25 12:35	03/04/25 08:50
590-29670-33	CP_120_3.25_1	Solid	03/03/25 12:50	03/04/25 08:50
590-29670-34	CP_120_3.25_2	Solid	03/03/25 12:55	03/04/25 08:50
590-29670-37	CP_128_3.5_1	Solid	03/03/25 13:45	03/04/25 08:50
590-29670-38	CP_128_3.5_2	Solid	03/03/25 13:50	03/04/25 08:50
590-29670-41	CP_130_3_1	Solid	03/03/25 14:05	03/04/25 08:50
590-29670-42	CP_130_3_2	Solid	03/03/25 14:10	03/04/25 08:50
590-29670-45	CP137_2.75_1	Solid	03/03/25 14:20	03/04/25 08:50
590-29670-46	CP137_2.75_2	Solid	03/03/25 14:25	03/04/25 08:50

Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 590-29670-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits

Glossary

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

Client Sample ID: CP_93_3.5_1

Lab Sample ID: 590-29670-1
Date Collected: 03/03/25 09:40
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 95.1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 19:45	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 19:45	1
1-Methylnaphthalene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 19:45	1
Benzo[a]anthracene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 19:45	1
Chrysene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 19:45	1
Benzo[b]fluoranthene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 19:45	1
Benzo[k]fluoranthene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 19:45	1
Benzo[a]pyrene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 19:45	1
Indeno[1,2,3-cd]pyrene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 19:45	1
Dibenz(a,h)anthracene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*70*		*32 - 120*	*03/06/25 10:02*	*03/06/25 19:45*	*1*
2-Fluorobiphenyl (Surr)	*74*		*41 - 120*	*03/06/25 10:02*	*03/06/25 19:45*	*1*
p-Terphenyl-d14	*111*		*45 - 134*	*03/06/25 10:02*	*03/06/25 19:45*	*1*

Client Sample ID: CP_93_3.5_2

Lab Sample ID: 590-29670-2
Date Collected: 03/03/25 09:45
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 91.4

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 20:07	1
2-Methylnaphthalene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 20:07	1
1-Methylnaphthalene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 20:07	1
Benzo[a]anthracene	**27**		11		ug/Kg	☼	03/06/25 10:02	03/06/25 20:07	1
Chrysene	**34**		11		ug/Kg	☼	03/06/25 10:02	03/06/25 20:07	1
Benzo[b]fluoranthene	**39**		11		ug/Kg	☼	03/06/25 10:02	03/06/25 20:07	1
Benzo[k]fluoranthene	**17**		11		ug/Kg	☼	03/06/25 10:02	03/06/25 20:07	1
Benzo[a]pyrene	**40**		11		ug/Kg	☼	03/06/25 10:02	03/06/25 20:07	1
Indeno[1,2,3-cd]pyrene	**21**		11		ug/Kg	☼	03/06/25 10:02	03/06/25 20:07	1
Dibenz(a,h)anthracene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*72*		*32 - 120*	*03/06/25 10:02*	*03/06/25 20:07*	*1*
2-Fluorobiphenyl (Surr)	*77*		*41 - 120*	*03/06/25 10:02*	*03/06/25 20:07*	*1*
p-Terphenyl-d14	*106*		*45 - 134*	*03/06/25 10:02*	*03/06/25 20:07*	*1*

Client Sample ID: CP_98_3.5_1

Lab Sample ID: 590-29670-5
Date Collected: 03/03/25 10:00
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 92.6

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 20:30	1
2-Methylnaphthalene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 20:30	1
1-Methylnaphthalene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 20:30	1
Benzo[a]anthracene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 20:30	1
Chrysene	**14**		11		ug/Kg	☼	03/06/25 10:02	03/06/25 20:30	1
Benzo[b]fluoranthene	**13**		11		ug/Kg	☼	03/06/25 10:02	03/06/25 20:30	1
Benzo[k]fluoranthene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 20:30	1

Client Sample ID: CP_98_3.5_1

Lab Sample ID: 590-29670-5
Date Collected: 03/03/25 10:00
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 92.6

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**15**		11		ug/Kg	☼	03/06/25 10:02	03/06/25 20:30	1
Indeno[1,2,3-cd]pyrene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 20:30	1
Dibenz(a,h)anthracene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 20:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*82*		*32 - 120*	*03/06/25 10:02*	*03/06/25 20:30*	*1*
2-Fluorobiphenyl (Surr)	*82*		*41 - 120*	*03/06/25 10:02*	*03/06/25 20:30*	*1*
p-Terphenyl-d14	*109*		*45 - 134*	*03/06/25 10:02*	*03/06/25 20:30*	*1*

Client Sample ID: CP_98_3.5_2

Lab Sample ID: 590-29670-6
Date Collected: 03/03/25 10:05
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 93.9

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 20:52	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 20:52	1
1-Methylnaphthalene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 20:52	1
Benzo[a]anthracene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 20:52	1
Chrysene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 20:52	1
Benzo[b]fluoranthene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 20:52	1
Benzo[k]fluoranthene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 20:52	1
Benzo[a]pyrene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 20:52	1
Indeno[1,2,3-cd]pyrene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 20:52	1
Dibenz(a,h)anthracene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 20:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*90*		*32 - 120*	*03/06/25 10:02*	*03/06/25 20:52*	*1*
2-Fluorobiphenyl (Surr)	*89*		*41 - 120*	*03/06/25 10:02*	*03/06/25 20:52*	*1*
p-Terphenyl-d14	*112*		*45 - 134*	*03/06/25 10:02*	*03/06/25 20:52*	*1*

Client Sample ID: CP_96_3.5_1

Lab Sample ID: 590-29670-9
Date Collected: 03/03/25 10:20
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 95.6

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 21:14	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 21:14	1
1-Methylnaphthalene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 21:14	1
Benzo[a]anthracene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 21:14	1
Chrysene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 21:14	1
Benzo[b]fluoranthene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 21:14	1
Benzo[k]fluoranthene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 21:14	1
Benzo[a]pyrene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 21:14	1
Indeno[1,2,3-cd]pyrene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 21:14	1
Dibenz(a,h)anthracene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 21:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*88*		*32 - 120*	*03/06/25 10:02*	*03/06/25 21:14*	*1*
2-Fluorobiphenyl (Surr)	*88*		*41 - 120*	*03/06/25 10:02*	*03/06/25 21:14*	*1*

Client Sample ID: CP_96_3.5_1

Lab Sample ID: 590-29670-9
Date Collected: 03/03/25 10:20
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 95.6

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14	*116*		*45 - 134*	*03/06/25 10:02*	*03/06/25 21:14*	*1*

Client Sample ID: CP_96_3.5_2

Lab Sample ID: 590-29670-10
Date Collected: 03/03/25 10:25
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 94.5

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 21:36	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 21:36	1
1-Methylnaphthalene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 21:36	1
Benzo[a]anthracene	**15**		10		ug/Kg	☼	03/06/25 10:02	03/06/25 21:36	1
Chrysene	**20**		10		ug/Kg	☼	03/06/25 10:02	03/06/25 21:36	1
Benzo[b]fluoranthene	**19**		10		ug/Kg	☼	03/06/25 10:02	03/06/25 21:36	1
Benzo[k]fluoranthene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 21:36	1
Benzo[a]pyrene	**23**		10		ug/Kg	☼	03/06/25 10:02	03/06/25 21:36	1
Indeno[1,2,3-cd]pyrene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 21:36	1
Dibenz(a,h)anthracene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*83*		*32 - 120*	*03/06/25 10:02*	*03/06/25 21:36*	*1*
2-Fluorobiphenyl (Surr)	*85*		*41 - 120*	*03/06/25 10:02*	*03/06/25 21:36*	*1*
p-Terphenyl-d14	*107*		*45 - 134*	*03/06/25 10:02*	*03/06/25 21:36*	*1*

Client Sample ID: CP_121_3.25_1

Lab Sample ID: 590-29670-13
Date Collected: 03/03/25 10:40
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 93.4

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 21:58	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 21:58	1
1-Methylnaphthalene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 21:58	1
Benzo[a]anthracene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 21:58	1
Chrysene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 21:58	1
Benzo[b]fluoranthene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 21:58	1
Benzo[k]fluoranthene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 21:58	1
Benzo[a]pyrene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 21:58	1
Indeno[1,2,3-cd]pyrene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 21:58	1
Dibenz(a,h)anthracene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 21:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*73*		*32 - 120*	*03/06/25 10:02*	*03/06/25 21:58*	*1*
2-Fluorobiphenyl (Surr)	*83*		*41 - 120*	*03/06/25 10:02*	*03/06/25 21:58*	*1*
p-Terphenyl-d14	*111*		*45 - 134*	*03/06/25 10:02*	*03/06/25 21:58*	*1*

Client Sample ID: CP_121_3.25_2

Lab Sample ID: 590-29670-14
Date Collected: 03/03/25 10:45
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 92.7

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 22:20	1
2-Methylnaphthalene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 22:20	1
1-Methylnaphthalene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 22:20	1
Benzo[a]anthracene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 22:20	1
Chrysene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 22:20	1
Benzo[b]fluoranthene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 22:20	1
Benzo[k]fluoranthene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 22:20	1
Benzo[a]pyrene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 22:20	1
Indeno[1,2,3-cd]pyrene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 22:20	1
Dibenz(a,h)anthracene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 22:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*76*		*32 - 120*	*03/06/25 10:02*	*03/06/25 22:20*	*1*
2-Fluorobiphenyl (Surr)	*79*		*41 - 120*	*03/06/25 10:02*	*03/06/25 22:20*	*1*
p-Terphenyl-d14	*108*		*45 - 134*	*03/06/25 10:02*	*03/06/25 22:20*	*1*

Client Sample ID: CP_94_4_1

Lab Sample ID: 590-29670-17
Date Collected: 03/03/25 11:15
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 96.1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 14:28	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 14:28	1
1-Methylnaphthalene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 14:28	1
Benzo[a]anthracene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 14:28	1
Chrysene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 14:28	1
Benzo[b]fluoranthene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 14:28	1
Benzo[k]fluoranthene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 14:28	1
Benzo[a]pyrene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 14:28	1
Indeno[1,2,3-cd]pyrene	ND	F2	10		ug/Kg	☼	03/07/25 08:53	03/07/25 14:28	1
Dibenz(a,h)anthracene	ND	F2	10		ug/Kg	☼	03/07/25 08:53	03/07/25 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*82*		*32 - 120*	*03/07/25 08:53*	*03/07/25 14:28*	*1*
2-Fluorobiphenyl (Surr)	*85*		*41 - 120*	*03/07/25 08:53*	*03/07/25 14:28*	*1*
p-Terphenyl-d14	*108*		*45 - 134*	*03/07/25 08:53*	*03/07/25 14:28*	*1*

Client Sample ID: CP_94_4_2

Lab Sample ID: 590-29670-18
Date Collected: 03/03/25 11:20
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 96.6

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 15:34	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 15:34	1
1-Methylnaphthalene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 15:34	1
Benzo[a]anthracene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 15:34	1
Chrysene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 15:34	1
Benzo[b]fluoranthene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 15:34	1
Benzo[k]fluoranthene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 15:34	1

Client Sample ID: CP_94_4_2

Lab Sample ID: 590-29670-18
Date Collected: 03/03/25 11:20
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 96.6

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 15:34	1
Indeno[1,2,3-cd]pyrene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 15:34	1
Dibenz(a,h)anthracene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*89*		*32 - 120*	*03/07/25 08:53*	*03/07/25 15:34*	*1*
2-Fluorobiphenyl (Surr)	*91*		*41 - 120*	*03/07/25 08:53*	*03/07/25 15:34*	*1*
p-Terphenyl-d14	*118*		*45 - 134*	*03/07/25 08:53*	*03/07/25 15:34*	*1*

Client Sample ID: CP_111_3.5_1

Lab Sample ID: 590-29670-19
Date Collected: 03/03/25 11:25
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 92.2

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 15:56	1
2-Methylnaphthalene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 15:56	1
1-Methylnaphthalene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 15:56	1
Benzo[a]anthracene	**79**		11		ug/Kg	☼	03/07/25 08:53	03/07/25 15:56	1
Chrysene	**100**		11		ug/Kg	☼	03/07/25 08:53	03/07/25 15:56	1
Benzo[b]fluoranthene	**110**		11		ug/Kg	☼	03/07/25 08:53	03/07/25 15:56	1
Benzo[k]fluoranthene	**70**		11		ug/Kg	☼	03/07/25 08:53	03/07/25 15:56	1
Benzo[a]pyrene	**120**		11		ug/Kg	☼	03/07/25 08:53	03/07/25 15:56	1
Indeno[1,2,3-cd]pyrene	**62**		11		ug/Kg	☼	03/07/25 08:53	03/07/25 15:56	1
Dibenz(a,h)anthracene	**21**		11		ug/Kg	☼	03/07/25 08:53	03/07/25 15:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*84*		*32 - 120*	*03/07/25 08:53*	*03/07/25 15:56*	*1*
2-Fluorobiphenyl (Surr)	*86*		*41 - 120*	*03/07/25 08:53*	*03/07/25 15:56*	*1*
p-Terphenyl-d14	*92*		*45 - 134*	*03/07/25 08:53*	*03/07/25 15:56*	*1*

Client Sample ID: CP_111_3.5_2

Lab Sample ID: 590-29670-20
Date Collected: 03/03/25 11:30
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 94.3

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 16:18	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 16:18	1
1-Methylnaphthalene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 16:18	1
Benzo[a]anthracene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 16:18	1
Chrysene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 16:18	1
Benzo[b]fluoranthene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 16:18	1
Benzo[k]fluoranthene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 16:18	1
Benzo[a]pyrene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 16:18	1
Indeno[1,2,3-cd]pyrene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 16:18	1
Dibenz(a,h)anthracene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*83*		*32 - 120*	*03/07/25 08:53*	*03/07/25 16:18*	*1*
2-Fluorobiphenyl (Surr)	*84*		*41 - 120*	*03/07/25 08:53*	*03/07/25 16:18*	*1*

Client Sample ID: CP_111_3.5_2

Lab Sample ID: 590-29670-20
Date Collected: 03/03/25 11:30
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 94.3

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14	*106*		*45 - 134*	*03/07/25 08:53*	*03/07/25 16:18*	*1*

Client Sample ID: CP_112_3.5_1

Lab Sample ID: 590-29670-23
Date Collected: 03/03/25 11:45
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 93.0

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 16:40	1
2-Methylnaphthalene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 16:40	1
1-Methylnaphthalene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 16:40	1
Benzo[a]anthracene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 16:40	1
Chrysene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 16:40	1
Benzo[b]fluoranthene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 16:40	1
Benzo[k]fluoranthene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 16:40	1
Benzo[a]pyrene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 16:40	1
Indeno[1,2,3-cd]pyrene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 16:40	1
Dibenz(a,h)anthracene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 16:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*79*		*32 - 120*	*03/07/25 08:53*	*03/07/25 16:40*	*1*
2-Fluorobiphenyl (Surr)	*80*		*41 - 120*	*03/07/25 08:53*	*03/07/25 16:40*	*1*
p-Terphenyl-d14	*102*		*45 - 134*	*03/07/25 08:53*	*03/07/25 16:40*	*1*

Client Sample ID: CP_112_3.5_2

Lab Sample ID: 590-29670-24
Date Collected: 03/03/25 11:50
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 93.2

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 17:03	1
2-Methylnaphthalene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 17:03	1
1-Methylnaphthalene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 17:03	1
Benzo[a]anthracene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 17:03	1
Chrysene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 17:03	1
Benzo[b]fluoranthene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 17:03	1
Benzo[k]fluoranthene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 17:03	1
Benzo[a]pyrene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 17:03	1
Indeno[1,2,3-cd]pyrene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 17:03	1
Dibenz(a,h)anthracene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*97*		*32 - 120*	*03/07/25 08:53*	*03/07/25 17:03*	*1*
2-Fluorobiphenyl (Surr)	*98*		*41 - 120*	*03/07/25 08:53*	*03/07/25 17:03*	*1*
p-Terphenyl-d14	*122*		*45 - 134*	*03/07/25 08:53*	*03/07/25 17:03*	*1*

Client Sample ID: CP_109_3.25_1

Lab Sample ID: 590-29670-25
Date Collected: 03/03/25 12:10
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 95.1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 17:25	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 17:25	1
1-Methylnaphthalene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 17:25	1
Benzo[a]anthracene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 17:25	1
Chrysene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 17:25	1
Benzo[b]fluoranthene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 17:25	1
Benzo[k]fluoranthene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 17:25	1
Benzo[a]pyrene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 17:25	1
Indeno[1,2,3-cd]pyrene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 17:25	1
Dibenz(a,h)anthracene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*84*		*32 - 120*	*03/07/25 08:53*	*03/07/25 17:25*	*1*
2-Fluorobiphenyl (Surr)	*87*		*41 - 120*	*03/07/25 08:53*	*03/07/25 17:25*	*1*
p-Terphenyl-d14	*113*		*45 - 134*	*03/07/25 08:53*	*03/07/25 17:25*	*1*

Client Sample ID: CP_109_3.25_2

Lab Sample ID: 590-29670-26
Date Collected: 03/03/25 12:15
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 95.1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 17:47	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 17:47	1
1-Methylnaphthalene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 17:47	1
Benzo[a]anthracene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 17:47	1
Chrysene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 17:47	1
Benzo[b]fluoranthene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 17:47	1
Benzo[k]fluoranthene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 17:47	1
Benzo[a]pyrene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 17:47	1
Indeno[1,2,3-cd]pyrene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 17:47	1
Dibenz(a,h)anthracene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*81*		*32 - 120*	*03/07/25 08:53*	*03/07/25 17:47*	*1*
2-Fluorobiphenyl (Surr)	*86*		*41 - 120*	*03/07/25 08:53*	*03/07/25 17:47*	*1*
p-Terphenyl-d14	*112*		*45 - 134*	*03/07/25 08:53*	*03/07/25 17:47*	*1*

Client Sample ID: CP_110_3_1

Lab Sample ID: 590-29670-29
Date Collected: 03/03/25 12:30
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 96.1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.9		ug/Kg	☼	03/07/25 08:53	03/07/25 18:09	1
2-Methylnaphthalene	ND		9.9		ug/Kg	☼	03/07/25 08:53	03/07/25 18:09	1
1-Methylnaphthalene	ND		9.9		ug/Kg	☼	03/07/25 08:53	03/07/25 18:09	1
Benzo[a]anthracene	ND		9.9		ug/Kg	☼	03/07/25 08:53	03/07/25 18:09	1
Chrysene	ND		9.9		ug/Kg	☼	03/07/25 08:53	03/07/25 18:09	1
Benzo[b]fluoranthene	ND		9.9		ug/Kg	☼	03/07/25 08:53	03/07/25 18:09	1
Benzo[k]fluoranthene	ND		9.9		ug/Kg	☼	03/07/25 08:53	03/07/25 18:09	1

Client Sample ID: CP_110_3_1

Lab Sample ID: 590-29670-29
Date Collected: 03/03/25 12:30
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 96.1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	ND		9.9		ug/Kg	☼	03/07/25 08:53	03/07/25 18:09	1
Indeno[1,2,3-cd]pyrene	ND		9.9		ug/Kg	☼	03/07/25 08:53	03/07/25 18:09	1
Dibenz(a,h)anthracene	ND		9.9		ug/Kg	☼	03/07/25 08:53	03/07/25 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*82*		*32 - 120*	*03/07/25 08:53*	*03/07/25 18:09*	*1*
2-Fluorobiphenyl (Surr)	*89*		*41 - 120*	*03/07/25 08:53*	*03/07/25 18:09*	*1*
p-Terphenyl-d14	*120*		*45 - 134*	*03/07/25 08:53*	*03/07/25 18:09*	*1*

Client Sample ID: CP_110_3_2

Lab Sample ID: 590-29670-30
Date Collected: 03/03/25 12:35
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 93.9

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 18:31	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 18:31	1
1-Methylnaphthalene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 18:31	1
Benzo[a]anthracene	**220**		10		ug/Kg	☼	03/07/25 08:53	03/07/25 18:31	1
Chrysene	**260**		10		ug/Kg	☼	03/07/25 08:53	03/07/25 18:31	1
Benzo[b]fluoranthene	**270**		10		ug/Kg	☼	03/07/25 08:53	03/07/25 18:31	1
Benzo[k]fluoranthene	**160**		10		ug/Kg	☼	03/07/25 08:53	03/07/25 18:31	1
Benzo[a]pyrene	**260**		10		ug/Kg	☼	03/07/25 08:53	03/07/25 18:31	1
Indeno[1,2,3-cd]pyrene	**130**		10		ug/Kg	☼	03/07/25 08:53	03/07/25 18:31	1
Dibenz(a,h)anthracene	**48**		10		ug/Kg	☼	03/07/25 08:53	03/07/25 18:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*78*		*32 - 120*	*03/07/25 08:53*	*03/07/25 18:31*	*1*
2-Fluorobiphenyl (Surr)	*84*		*41 - 120*	*03/07/25 08:53*	*03/07/25 18:31*	*1*
p-Terphenyl-d14	*92*		*45 - 134*	*03/07/25 08:53*	*03/07/25 18:31*	*1*

Client Sample ID: CP_120_3.25_1

Lab Sample ID: 590-29670-33
Date Collected: 03/03/25 12:50
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 94.1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 18:53	1
2-Methylnaphthalene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 18:53	1
1-Methylnaphthalene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 18:53	1
Benzo[a]anthracene	**180**		11		ug/Kg	☼	03/07/25 08:53	03/07/25 18:53	1
Chrysene	**220**		11		ug/Kg	☼	03/07/25 08:53	03/07/25 18:53	1
Benzo[b]fluoranthene	**260**		11		ug/Kg	☼	03/07/25 08:53	03/07/25 18:53	1
Benzo[k]fluoranthene	**160**		11		ug/Kg	☼	03/07/25 08:53	03/07/25 18:53	1
Benzo[a]pyrene	**270**		11		ug/Kg	☼	03/07/25 08:53	03/07/25 18:53	1
Indeno[1,2,3-cd]pyrene	**130**		11		ug/Kg	☼	03/07/25 08:53	03/07/25 18:53	1
Dibenz(a,h)anthracene	**47**		11		ug/Kg	☼	03/07/25 08:53	03/07/25 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*81*		*32 - 120*	*03/07/25 08:53*	*03/07/25 18:53*	*1*
2-Fluorobiphenyl (Surr)	*86*		*41 - 120*	*03/07/25 08:53*	*03/07/25 18:53*	*1*

Client Sample ID: CP_120_3.25_1

Lab Sample ID: 590-29670-33
Date Collected: 03/03/25 12:50
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 94.1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14	*90*		*45 - 134*	*03/07/25 08:53*	*03/07/25 18:53*	*1*

Client Sample ID: CP_120_3.25_2

Lab Sample ID: 590-29670-34
Date Collected: 03/03/25 12:55
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 92.5

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 19:15	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 19:15	1
1-Methylnaphthalene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 19:15	1
Benzo[a]anthracene	**45**		10		ug/Kg	☼	03/07/25 08:53	03/07/25 19:15	1
Chrysene	**75**		10		ug/Kg	☼	03/07/25 08:53	03/07/25 19:15	1
Benzo[b]fluoranthene	**49**		10		ug/Kg	☼	03/07/25 08:53	03/07/25 19:15	1
Benzo[k]fluoranthene	**18**		10		ug/Kg	☼	03/07/25 08:53	03/07/25 19:15	1
Benzo[a]pyrene	**60**		10		ug/Kg	☼	03/07/25 08:53	03/07/25 19:15	1
Indeno[1,2,3-cd]pyrene	**23**		10		ug/Kg	☼	03/07/25 08:53	03/07/25 19:15	1
Dibenz(a,h)anthracene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 19:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*79*		*32 - 120*	*03/07/25 08:53*	*03/07/25 19:15*	*1*
2-Fluorobiphenyl (Surr)	*84*		*41 - 120*	*03/07/25 08:53*	*03/07/25 19:15*	*1*
p-Terphenyl-d14	*93*		*45 - 134*	*03/07/25 08:53*	*03/07/25 19:15*	*1*

Client Sample ID: CP_128_3.5_1

Lab Sample ID: 590-29670-37
Date Collected: 03/03/25 13:45
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 90.4

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 19:37	1
2-Methylnaphthalene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 19:37	1
1-Methylnaphthalene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 19:37	1
Benzo[a]anthracene	**76**		11		ug/Kg	☼	03/07/25 08:53	03/07/25 19:37	1
Chrysene	**120**		11		ug/Kg	☼	03/07/25 08:53	03/07/25 19:37	1
Benzo[b]fluoranthene	**120**		11		ug/Kg	☼	03/07/25 08:53	03/07/25 19:37	1
Benzo[k]fluoranthene	**50**		11		ug/Kg	☼	03/07/25 08:53	03/07/25 19:37	1
Benzo[a]pyrene	**120**		11		ug/Kg	☼	03/07/25 08:53	03/07/25 19:37	1
Indeno[1,2,3-cd]pyrene	**57**		11		ug/Kg	☼	03/07/25 08:53	03/07/25 19:37	1
Dibenz(a,h)anthracene	**20**		11		ug/Kg	☼	03/07/25 08:53	03/07/25 19:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*73*		*32 - 120*	*03/07/25 08:53*	*03/07/25 19:37*	*1*
2-Fluorobiphenyl (Surr)	*79*		*41 - 120*	*03/07/25 08:53*	*03/07/25 19:37*	*1*
p-Terphenyl-d14	*88*		*45 - 134*	*03/07/25 08:53*	*03/07/25 19:37*	*1*

Client Sample ID: CP_128_3.5_2

Lab Sample ID: 590-29670-38
Date Collected: 03/03/25 13:50
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 92.4

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 19:59	1
2-Methylnaphthalene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 19:59	1
1-Methylnaphthalene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 19:59	1
Benzo[a]anthracene	**17**		11		ug/Kg	☼	03/07/25 08:53	03/07/25 19:59	1
Chrysene	**25**		11		ug/Kg	☼	03/07/25 08:53	03/07/25 19:59	1
Benzo[b]fluoranthene	**25**		11		ug/Kg	☼	03/07/25 08:53	03/07/25 19:59	1
Benzo[k]fluoranthene	**11**		11		ug/Kg	☼	03/07/25 08:53	03/07/25 19:59	1
Benzo[a]pyrene	**29**		11		ug/Kg	☼	03/07/25 08:53	03/07/25 19:59	1
Indeno[1,2,3-cd]pyrene	**13**		11		ug/Kg	☼	03/07/25 08:53	03/07/25 19:59	1
Dibenz(a,h)anthracene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 19:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*77*		*32 - 120*	*03/07/25 08:53*	*03/07/25 19:59*	*1*
2-Fluorobiphenyl (Surr)	*76*		*41 - 120*	*03/07/25 08:53*	*03/07/25 19:59*	*1*
p-Terphenyl-d14	*95*		*45 - 134*	*03/07/25 08:53*	*03/07/25 19:59*	*1*

Client Sample ID: CP_130_3_1

Lab Sample ID: 590-29670-41
Date Collected: 03/03/25 14:05
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 91.3

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 20:21	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 20:21	1
1-Methylnaphthalene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 20:21	1
Benzo[a]anthracene	**96**		10		ug/Kg	☼	03/07/25 08:53	03/07/25 20:21	1
Chrysene	**120**		10		ug/Kg	☼	03/07/25 08:53	03/07/25 20:21	1
Benzo[b]fluoranthene	**120**		10		ug/Kg	☼	03/07/25 08:53	03/07/25 20:21	1
Benzo[k]fluoranthene	**80**		10		ug/Kg	☼	03/07/25 08:53	03/07/25 20:21	1
Benzo[a]pyrene	**150**		10		ug/Kg	☼	03/07/25 08:53	03/07/25 20:21	1
Indeno[1,2,3-cd]pyrene	**72**		10		ug/Kg	☼	03/07/25 08:53	03/07/25 20:21	1
Dibenz(a,h)anthracene	**25**		10		ug/Kg	☼	03/07/25 08:53	03/07/25 20:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*71*		*32 - 120*	*03/07/25 08:53*	*03/07/25 20:21*	*1*
2-Fluorobiphenyl (Surr)	*78*		*41 - 120*	*03/07/25 08:53*	*03/07/25 20:21*	*1*
p-Terphenyl-d14	*86*		*45 - 134*	*03/07/25 08:53*	*03/07/25 20:21*	*1*

Client Sample ID: CP_130_3_2

Lab Sample ID: 590-29670-42
Date Collected: 03/03/25 14:10
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 91.5

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 20:44	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 20:44	1
1-Methylnaphthalene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 20:44	1
Benzo[a]anthracene	**33**		10		ug/Kg	☼	03/07/25 08:53	03/07/25 20:44	1
Chrysene	**46**		10		ug/Kg	☼	03/07/25 08:53	03/07/25 20:44	1
Benzo[b]fluoranthene	**42**		10		ug/Kg	☼	03/07/25 08:53	03/07/25 20:44	1
Benzo[k]fluoranthene	**24**		10		ug/Kg	☼	03/07/25 08:53	03/07/25 20:44	1

Client Sample ID: CP_130_3_2

Lab Sample ID: 590-29670-42
Date Collected: 03/03/25 14:10
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 91.5

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**51**		10		ug/Kg	☼	03/07/25 08:53	03/07/25 20:44	1
Indeno[1,2,3-cd]pyrene	**19**		10		ug/Kg	☼	03/07/25 08:53	03/07/25 20:44	1
Dibenz(a,h)anthracene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 20:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*90*		*32 - 120*	*03/07/25 08:53*	*03/07/25 20:44*	*1*
2-Fluorobiphenyl (Surr)	*89*		*41 - 120*	*03/07/25 08:53*	*03/07/25 20:44*	*1*
p-Terphenyl-d14	*95*		*45 - 134*	*03/07/25 08:53*	*03/07/25 20:44*	*1*

Client Sample ID: CP137_2.75_1

Lab Sample ID: 590-29670-45
Date Collected: 03/03/25 14:20
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 93.3

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 21:06	1
2-Methylnaphthalene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 21:06	1
1-Methylnaphthalene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 21:06	1
Benzo[a]anthracene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 21:06	1
Chrysene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 21:06	1
Benzo[b]fluoranthene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 21:06	1
Benzo[k]fluoranthene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 21:06	1
Benzo[a]pyrene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 21:06	1
Indeno[1,2,3-cd]pyrene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 21:06	1
Dibenz(a,h)anthracene	ND		11		ug/Kg	☼	03/07/25 08:53	03/07/25 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*89*		*32 - 120*	*03/07/25 08:53*	*03/07/25 21:06*	*1*
2-Fluorobiphenyl (Surr)	*93*		*41 - 120*	*03/07/25 08:53*	*03/07/25 21:06*	*1*
p-Terphenyl-d14	*119*		*45 - 134*	*03/07/25 08:53*	*03/07/25 21:06*	*1*

Client Sample ID: CP137_2.75_2

Lab Sample ID: 590-29670-46
Date Collected: 03/03/25 14:25
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 94.7

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 21:28	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 21:28	1
1-Methylnaphthalene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 21:28	1
Benzo[a]anthracene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 21:28	1
Chrysene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 21:28	1
Benzo[b]fluoranthene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 21:28	1
Benzo[k]fluoranthene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 21:28	1
Benzo[a]pyrene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 21:28	1
Indeno[1,2,3-cd]pyrene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 21:28	1
Dibenz(a,h)anthracene	ND		10		ug/Kg	☼	03/07/25 08:53	03/07/25 21:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*86*		*32 - 120*	*03/07/25 08:53*	*03/07/25 21:28*	*1*
2-Fluorobiphenyl (Surr)	*90*		*41 - 120*	*03/07/25 08:53*	*03/07/25 21:28*	*1*

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 590-29670-1

Client Sample ID: CP137_2.75_2
Date Collected: 03/03/25 14:25
Date Received: 03/04/25 08:50

Lab Sample ID: 590-29670-46
Matrix: Solid
Percent Solids: 94.7

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl-d14	*116*		*45 - 134*	*03/07/25 08:53*	*03/07/25 21:28*	*1*

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

Lab Sample ID: MB 590-52729/1-A
Matrix: Solid
Analysis Batch: 52737

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 52729

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg		03/06/25 10:02	03/06/25 13:52	1
2-Methylnaphthalene	ND		10		ug/Kg		03/06/25 10:02	03/06/25 13:52	1
1-Methylnaphthalene	ND		10		ug/Kg		03/06/25 10:02	03/06/25 13:52	1
Benzo[a]anthracene	ND		10		ug/Kg		03/06/25 10:02	03/06/25 13:52	1
Chrysene	ND		10		ug/Kg		03/06/25 10:02	03/06/25 13:52	1
Benzo[b]fluoranthene	ND		10		ug/Kg		03/06/25 10:02	03/06/25 13:52	1
Benzo[k]fluoranthene	ND		10		ug/Kg		03/06/25 10:02	03/06/25 13:52	1
Benzo[a]pyrene	ND		10		ug/Kg		03/06/25 10:02	03/06/25 13:52	1
Indeno[1,2,3-cd]pyrene	ND		10		ug/Kg		03/06/25 10:02	03/06/25 13:52	1
Dibenz(a,h)anthracene	ND		10		ug/Kg		03/06/25 10:02	03/06/25 13:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*90*		*32 - 120*	*03/06/25 10:02*	*03/06/25 13:52*	*1*
2-Fluorobiphenyl (Surr)	*85*		*41 - 120*	*03/06/25 10:02*	*03/06/25 13:52*	*1*
p-Terphenyl-d14	*116*		*45 - 134*	*03/06/25 10:02*	*03/06/25 13:52*	*1*

Lab Sample ID: LCS 590-52729/2-A
Matrix: Solid
Analysis Batch: 52737

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 52729

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Naphthalene	267	204		ug/Kg		77	37 - 120
2-Methylnaphthalene	267	214		ug/Kg		80	45 - 120
1-Methylnaphthalene	267	215		ug/Kg		81	44 - 120
Benzo[a]anthracene	267	252		ug/Kg		94	65 - 122
Chrysene	267	259		ug/Kg		97	53 - 120
Benzo[b]fluoranthene	267	221		ug/Kg		83	56 - 122
Benzo[k]fluoranthene	267	291		ug/Kg		109	53 - 120
Benzo[a]pyrene	267	249		ug/Kg		94	56 - 120
Indeno[1,2,3-cd]pyrene	267	259		ug/Kg		97	59 - 120
Dibenz(a,h)anthracene	267	264		ug/Kg		99	59 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*89*		*32 - 120*
2-Fluorobiphenyl (Surr)	*90*		*41 - 120*
p-Terphenyl-d14	*103*		*45 - 134*

Lab Sample ID: MB 590-52752/1-A
Matrix: Solid
Analysis Batch: 52758

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 52752

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg		03/07/25 08:53	03/07/25 13:43	1
2-Methylnaphthalene	ND		10		ug/Kg		03/07/25 08:53	03/07/25 13:43	1
1-Methylnaphthalene	ND		10		ug/Kg		03/07/25 08:53	03/07/25 13:43	1
Benzo[a]anthracene	ND		10		ug/Kg		03/07/25 08:53	03/07/25 13:43	1
Chrysene	ND		10		ug/Kg		03/07/25 08:53	03/07/25 13:43	1
Benzo[b]fluoranthene	ND		10		ug/Kg		03/07/25 08:53	03/07/25 13:43	1

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

Lab Sample ID: MB 590-52752/1-A
Matrix: Solid
Analysis Batch: 52758

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 52752

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		10		ug/Kg		03/07/25 08:53	03/07/25 13:43	1
Benzo[a]pyrene	ND		10		ug/Kg		03/07/25 08:53	03/07/25 13:43	1
Indeno[1,2,3-cd]pyrene	ND		10		ug/Kg		03/07/25 08:53	03/07/25 13:43	1
Dibenz(a,h)anthracene	ND		10		ug/Kg		03/07/25 08:53	03/07/25 13:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*60*		*32 - 120*	*03/07/25 08:53*	*03/07/25 13:43*	*1*
2-Fluorobiphenyl (Surr)	*74*		*41 - 120*	*03/07/25 08:53*	*03/07/25 13:43*	*1*
p-Terphenyl-d14	*109*		*45 - 134*	*03/07/25 08:53*	*03/07/25 13:43*	*1*

Lab Sample ID: LCS 590-52752/2-A
Matrix: Solid
Analysis Batch: 52758

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 52752

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Naphthalene	267	198		ug/Kg		74	37 - 120
2-Methylnaphthalene	267	210		ug/Kg		79	45 - 120
1-Methylnaphthalene	267	211		ug/Kg		79	44 - 120
Benzo[a]anthracene	267	247		ug/Kg		93	65 - 122
Chrysene	267	251		ug/Kg		94	53 - 120
Benzo[b]fluoranthene	267	221		ug/Kg		83	56 - 122
Benzo[k]fluoranthene	267	269		ug/Kg		101	53 - 120
Benzo[a]pyrene	267	243		ug/Kg		91	56 - 120
Indeno[1,2,3-cd]pyrene	267	254		ug/Kg		95	59 - 120
Dibenz(a,h)anthracene	267	257		ug/Kg		96	59 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*77*		*32 - 120*
2-Fluorobiphenyl (Surr)	*87*		*41 - 120*
p-Terphenyl-d14	*102*		*45 - 134*

Lab Sample ID: 590-29670-17 MS
Matrix: Solid
Analysis Batch: 52758

Client Sample ID: CP_94_4_1
Prep Type: Total/NA
Prep Batch: 52752

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Naphthalene	ND		268	203		ug/Kg	☼	76	37 - 120
2-Methylnaphthalene	ND		268	211		ug/Kg	☼	78	45 - 120
1-Methylnaphthalene	ND		268	211		ug/Kg	☼	79	44 - 120
Benzo[a]anthracene	ND		268	228		ug/Kg	☼	85	65 - 122
Chrysene	ND		268	239		ug/Kg	☼	89	53 - 120
Benzo[b]fluoranthene	ND		268	212		ug/Kg	☼	79	56 - 122
Benzo[k]fluoranthene	ND		268	257		ug/Kg	☼	96	53 - 120
Benzo[a]pyrene	ND		268	229		ug/Kg	☼	85	56 - 120
Indeno[1,2,3-cd]pyrene	ND	F2	268	240		ug/Kg	☼	89	59 - 120
Dibenz(a,h)anthracene	ND	F2	268	243		ug/Kg	☼	91	59 - 120

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

Lab Sample ID: 590-29670-17 MS
Matrix: Solid
Analysis Batch: 52758

Client Sample ID: CP_94_4_1
Prep Type: Total/NA
Prep Batch: 52752

Surrogate	MS %Recovery	MS Qualifier	Limits
Nitrobenzene-d5	*88*		*32 - 120*
2-Fluorobiphenyl (Surr)	*88*		*41 - 120*
p-Terphenyl-d14	*97*		*45 - 134*

Lab Sample ID: 590-29670-17 MSD
Matrix: Solid
Analysis Batch: 52758

Client Sample ID: CP_94_4_1
Prep Type: Total/NA
Prep Batch: 52752

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Naphthalene	ND		277	195		ug/Kg	☼	70	37 - 120	4	35
2-Methylnaphthalene	ND		277	212		ug/Kg	☼	76	45 - 120	0	29
1-Methylnaphthalene	ND		277	212		ug/Kg	☼	77	44 - 120	1	28
Benzo[a]anthracene	ND		277	267		ug/Kg	☼	96	65 - 122	16	21
Chrysene	ND		277	280		ug/Kg	☼	101	53 - 120	16	16
Benzo[b]fluoranthene	ND		277	250		ug/Kg	☼	90	56 - 122	17	24
Benzo[k]fluoranthene	ND		277	301		ug/Kg	☼	109	53 - 120	16	19
Benzo[a]pyrene	ND		277	268		ug/Kg	☼	97	56 - 120	16	20
Indeno[1,2,3-cd]pyrene	ND	F2	277	283	F2	ug/Kg	☼	102	59 - 120	17	15
Dibenz(a,h)anthracene	ND	F2	277	287	F2	ug/Kg	☼	103	59 - 120	16	15

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Nitrobenzene-d5	*77*		*32 - 120*
2-Fluorobiphenyl (Surr)	*83*		*41 - 120*
p-Terphenyl-d14	*99*		*45 - 134*

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 590-29670-1

Client Sample ID: CP_93_3.5_1
Date Collected: 03/03/25 09:40
Date Received: 03/04/25 08:50

Lab Sample ID: 590-29670-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52697	03/05/25 10:25	M1M	EET SPK

Client Sample ID: CP_93_3.5_1
Date Collected: 03/03/25 09:40
Date Received: 03/04/25 08:50

Lab Sample ID: 590-29670-1
Matrix: Solid
Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.33 g	2 mL	52729	03/06/25 10:02	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52737	03/06/25 19:45	NMI	EET SPK

Client Sample ID: CP_93_3.5_2
Date Collected: 03/03/25 09:45
Date Received: 03/04/25 08:50

Lab Sample ID: 590-29670-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52697	03/05/25 10:25	M1M	EET SPK

Client Sample ID: CP_93_3.5_2
Date Collected: 03/03/25 09:45
Date Received: 03/04/25 08:50

Lab Sample ID: 590-29670-2
Matrix: Solid
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.54 g	2 mL	52729	03/06/25 10:02	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52737	03/06/25 20:07	NMI	EET SPK

Client Sample ID: CP_98_3.5_1
Date Collected: 03/03/25 10:00
Date Received: 03/04/25 08:50

Lab Sample ID: 590-29670-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52697	03/05/25 10:25	M1M	EET SPK

Client Sample ID: CP_98_3.5_1
Date Collected: 03/03/25 10:00
Date Received: 03/04/25 08:50

Lab Sample ID: 590-29670-5
Matrix: Solid
Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.19 g	2 mL	52729	03/06/25 10:02	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52737	03/06/25 20:30	NMI	EET SPK

Client Sample ID: CP_98_3.5_2
Date Collected: 03/03/25 10:05
Date Received: 03/04/25 08:50

Lab Sample ID: 590-29670-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52697	03/05/25 10:25	M1M	EET SPK

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 590-29670-1

Client Sample ID: CP_98_3.5_2

Lab Sample ID: 590-29670-6
Date Collected: 03/03/25 10:05
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 93.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.46 g	2 mL	52729	03/06/25 10:02	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52737	03/06/25 20:52	NMI	EET SPK

Client Sample ID: CP_96_3.5_1

Lab Sample ID: 590-29670-9
Date Collected: 03/03/25 10:20
Matrix: Solid
Date Received: 03/04/25 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52697	03/05/25 10:25	M1M	EET SPK

Client Sample ID: CP_96_3.5_1

Lab Sample ID: 590-29670-9
Date Collected: 03/03/25 10:20
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 95.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.73 g	2 mL	52729	03/06/25 10:02	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52737	03/06/25 21:14	NMI	EET SPK

Client Sample ID: CP_96_3.5_2

Lab Sample ID: 590-29670-10
Date Collected: 03/03/25 10:25
Matrix: Solid
Date Received: 03/04/25 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52717	03/05/25 15:35	M1M	EET SPK

Client Sample ID: CP_96_3.5_2

Lab Sample ID: 590-29670-10
Date Collected: 03/03/25 10:25
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 94.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.72 g	2 mL	52729	03/06/25 10:02	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52737	03/06/25 21:36	NMI	EET SPK

Client Sample ID: CP_121_3.25_1

Lab Sample ID: 590-29670-13
Date Collected: 03/03/25 10:40
Matrix: Solid
Date Received: 03/04/25 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52717	03/05/25 15:35	M1M	EET SPK

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 590-29670-1

Client Sample ID: CP_121_3.25_1

Lab Sample ID: 590-29670-13
Date Collected: 03/03/25 10:40
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 93.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.31 g	2 mL	52729	03/06/25 10:02	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52737	03/06/25 21:58	NMI	EET SPK

Client Sample ID: CP_121_3.25_2

Lab Sample ID: 590-29670-14
Date Collected: 03/03/25 10:45
Matrix: Solid
Date Received: 03/04/25 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52717	03/05/25 15:35	M1M	EET SPK

Client Sample ID: CP_121_3.25_2

Lab Sample ID: 590-29670-14
Date Collected: 03/03/25 10:45
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.35 g	2 mL	52729	03/06/25 10:02	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52737	03/06/25 22:20	NMI	EET SPK

Client Sample ID: CP_94_4_1

Lab Sample ID: 590-29670-17
Date Collected: 03/03/25 11:15
Matrix: Solid
Date Received: 03/04/25 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52717	03/05/25 15:35	M1M	EET SPK

Client Sample ID: CP_94_4_1

Lab Sample ID: 590-29670-17
Date Collected: 03/03/25 11:15
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 96.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.65 g	2 mL	52752	03/07/25 08:53	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52758	03/07/25 14:28	NMI	EET SPK

Client Sample ID: CP_94_4_2

Lab Sample ID: 590-29670-18
Date Collected: 03/03/25 11:20
Matrix: Solid
Date Received: 03/04/25 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52717	03/05/25 15:35	M1M	EET SPK

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 590-29670-1

Client Sample ID: CP_94_4_2
Lab Sample ID: 590-29670-18
Date Collected: 03/03/25 11:20
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.26 g	2 mL	52752	03/07/25 08:53	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52758	03/07/25 15:34	NMI	EET SPK

Client Sample ID: CP_111_3.5_1
Lab Sample ID: 590-29670-19
Date Collected: 03/03/25 11:25
Matrix: Solid
Date Received: 03/04/25 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52717	03/05/25 15:35	M1M	EET SPK

Client Sample ID: CP_111_3.5_1
Lab Sample ID: 590-29670-19
Date Collected: 03/03/25 11:25
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.14 g	2 mL	52752	03/07/25 08:53	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52758	03/07/25 15:56	NMI	EET SPK

Client Sample ID: CP_111_3.5_2
Lab Sample ID: 590-29670-20
Date Collected: 03/03/25 11:30
Matrix: Solid
Date Received: 03/04/25 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52717	03/05/25 15:35	M1M	EET SPK

Client Sample ID: CP_111_3.5_2
Lab Sample ID: 590-29670-20
Date Collected: 03/03/25 11:30
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 94.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.17 g	2 mL	52752	03/07/25 08:53	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52758	03/07/25 16:18	NMI	EET SPK

Client Sample ID: CP_112_3.5_1
Lab Sample ID: 590-29670-23
Date Collected: 03/03/25 11:45
Matrix: Solid
Date Received: 03/04/25 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52717	03/05/25 15:35	M1M	EET SPK

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 590-29670-1

Client Sample ID: CP_112_3.5_1
Lab Sample ID: 590-29670-23
Date Collected: 03/03/25 11:45
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 93.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.12 g	2 mL	52752	03/07/25 08:53	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52758	03/07/25 16:40	NMI	EET SPK

Client Sample ID: CP_112_3.5_2
Lab Sample ID: 590-29670-24
Date Collected: 03/03/25 11:50
Matrix: Solid
Date Received: 03/04/25 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52717	03/05/25 15:35	M1M	EET SPK

Client Sample ID: CP_112_3.5_2
Lab Sample ID: 590-29670-24
Date Collected: 03/03/25 11:50
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 93.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.00 g	2 mL	52752	03/07/25 08:53	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52758	03/07/25 17:03	NMI	EET SPK

Client Sample ID: CP_109_3.25_1
Lab Sample ID: 590-29670-25
Date Collected: 03/03/25 12:10
Matrix: Solid
Date Received: 03/04/25 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52717	03/05/25 15:35	M1M	EET SPK

Client Sample ID: CP_109_3.25_1
Lab Sample ID: 590-29670-25
Date Collected: 03/03/25 12:10
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.18 g	2 mL	52752	03/07/25 08:53	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52758	03/07/25 17:25	NMI	EET SPK

Client Sample ID: CP_109_3.25_2
Lab Sample ID: 590-29670-26
Date Collected: 03/03/25 12:15
Matrix: Solid
Date Received: 03/04/25 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52717	03/05/25 15:35	M1M	EET SPK

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 590-29670-1

Client Sample ID: CP_109_3.25_2

Lab Sample ID: 590-29670-26
Date Collected: 03/03/25 12:15
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.62 g	2 mL	52752	03/07/25 08:53	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52758	03/07/25 17:47	NMI	EET SPK

Client Sample ID: CP_110_3_1

Lab Sample ID: 590-29670-29
Date Collected: 03/03/25 12:30
Matrix: Solid
Date Received: 03/04/25 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52717	03/05/25 15:35	M1M	EET SPK

Client Sample ID: CP_110_3_1

Lab Sample ID: 590-29670-29
Date Collected: 03/03/25 12:30
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 96.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.72 g	2 mL	52752	03/07/25 08:53	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52758	03/07/25 18:09	NMI	EET SPK

Client Sample ID: CP_110_3_2

Lab Sample ID: 590-29670-30
Date Collected: 03/03/25 12:35
Matrix: Solid
Date Received: 03/04/25 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52717	03/05/25 15:35	M1M	EET SPK

Client Sample ID: CP_110_3_2

Lab Sample ID: 590-29670-30
Date Collected: 03/03/25 12:35
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 93.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.76 g	2 mL	52752	03/07/25 08:53	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52758	03/07/25 18:31	NMI	EET SPK

Client Sample ID: CP_120_3.25_1

Lab Sample ID: 590-29670-33
Date Collected: 03/03/25 12:50
Matrix: Solid
Date Received: 03/04/25 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52717	03/05/25 15:35	M1M	EET SPK

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 590-29670-1

Client Sample ID: CP_120_3.25_1

Lab Sample ID: 590-29670-33
Date Collected: 03/03/25 12:50
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 94.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.09 g	2 mL	52752	03/07/25 08:53	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52758	03/07/25 18:53	NMI	EET SPK

Client Sample ID: CP_120_3.25_2

Lab Sample ID: 590-29670-34
Date Collected: 03/03/25 12:55
Matrix: Solid
Date Received: 03/04/25 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52717	03/05/25 15:35	M1M	EET SPK

Client Sample ID: CP_120_3.25_2

Lab Sample ID: 590-29670-34
Date Collected: 03/03/25 12:55
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.76 g	2 mL	52752	03/07/25 08:53	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52758	03/07/25 19:15	NMI	EET SPK

Client Sample ID: CP_128_3.5_1

Lab Sample ID: 590-29670-37
Date Collected: 03/03/25 13:45
Matrix: Solid
Date Received: 03/04/25 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52717	03/05/25 15:35	M1M	EET SPK

Client Sample ID: CP_128_3.5_1

Lab Sample ID: 590-29670-37
Date Collected: 03/03/25 13:45
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 90.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.63 g	2 mL	52752	03/07/25 08:53	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52758	03/07/25 19:37	NMI	EET SPK

Client Sample ID: CP_128_3.5_2

Lab Sample ID: 590-29670-38
Date Collected: 03/03/25 13:50
Matrix: Solid
Date Received: 03/04/25 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52760	03/07/25 14:08	M1M	EET SPK

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 590-29670-1

Client Sample ID: CP_128_3.5_2

Lab Sample ID: 590-29670-38
Date Collected: 03/03/25 13:50
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.35 g	2 mL	52752	03/07/25 08:53	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52758	03/07/25 19:59	NMI	EET SPK

Client Sample ID: CP_130_3_1

Lab Sample ID: 590-29670-41
Date Collected: 03/03/25 14:05
Matrix: Solid
Date Received: 03/04/25 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52760	03/07/25 14:08	M1M	EET SPK

Client Sample ID: CP_130_3_1

Lab Sample ID: 590-29670-41
Date Collected: 03/03/25 14:05
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 91.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.72 g	2 mL	52752	03/07/25 08:53	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52758	03/07/25 20:21	NMI	EET SPK

Client Sample ID: CP_130_3_2

Lab Sample ID: 590-29670-42
Date Collected: 03/03/25 14:10
Matrix: Solid
Date Received: 03/04/25 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52760	03/07/25 14:08	M1M	EET SPK

Client Sample ID: CP_130_3_2

Lab Sample ID: 590-29670-42
Date Collected: 03/03/25 14:10
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 91.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.98 g	2 mL	52752	03/07/25 08:53	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52758	03/07/25 20:44	NMI	EET SPK

Client Sample ID: CP137_2.75_1

Lab Sample ID: 590-29670-45
Date Collected: 03/03/25 14:20
Matrix: Solid
Date Received: 03/04/25 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52760	03/07/25 14:08	M1M	EET SPK

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 590-29670-1

Client Sample ID: CP137_2.75_1

Lab Sample ID: 590-29670-45
Date Collected: 03/03/25 14:20
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 93.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.09 g	2 mL	52752	03/07/25 08:53	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52758	03/07/25 21:06	NMI	EET SPK

Client Sample ID: CP137_2.75_2

Lab Sample ID: 590-29670-46
Date Collected: 03/03/25 14:25
Matrix: Solid
Date Received: 03/04/25 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52760	03/07/25 14:08	M1M	EET SPK

Client Sample ID: CP137_2.75_2

Lab Sample ID: 590-29670-46
Date Collected: 03/03/25 14:25
Matrix: Solid
Date Received: 03/04/25 08:50
Percent Solids: 94.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.68 g	2 mL	52752	03/07/25 08:53	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52758	03/07/25 21:28	NMI	EET SPK

Laboratory References:

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

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 590-29670-1

Laboratory: Eurofins Spokane

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C569	01-06-26

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

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

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 590-29670-1

Method	Method Description	Protocol	Laboratory
8270E SIM	Semivolatile Organic Compounds (GC/MS SIM)	SW846	EET SPK
Moisture	Percent Moisture	EPA	EET SPK
3550C	Ultrasonic Extraction	SW846	EET SPK

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

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

HALEY ALDRICH

Haley & Aldrich, Inc.
505 W Riverside Ave.
STE 450,
Spokane, WA 99201-0513

CHAIN OF CUSTODY RECORD

Phone (509) 960-7447
Fax (509) 960-7447
Page 1 of 5

H&A FILE NO	0202349	LABORATORY	Eurofins Spokane
PROJECT NAME	CVSD Gun Club	ADDRESS	
H&A CONTACT	Breeyn Greer	CONTACT	Randee Arrington
DELIVERY DATE	3/4/2025		
TURNAROUND TIME	10-Day		
PROJECT MANAGER	Breeyn Greer		

Sample No.	Date	Time	Depth	Type	Analysis Requested: cPAHs Project Specific List	HOLD	Number of Containers	Comments(special instructions, precautions, additional method numbers, etc.)
CP_93_3 5_1	3/3/2025	9:40	3 5	Soil	X		1	Laboratory to use applicable DEP CAM methods, unless otherwise directed.
CP_93_3 5 2	3/3/2025	9 45	3 5	Soil	X		1	
CP_93_3 5_3	3/3/2025	9 50	3 5	Soil		X	1	> cPAHs by Project Specific List
CP_93_3.5_4	3/3/2025	9 55	3 5	Soil		X	1	
CP_98_3 5_1	3/3/2025	10:00	3 5	Soil	X		1	
CP_98_3 5 2	3/3/2025	10 05	3 5	Soil	X		1	
CP_98_3 5 3	3/3/2025	10 10	3 5	Soil		X	1	
CP_98_3 5_4	3/3/2025	10 15	3 5	Soil		X	1	
CP_96_3 5_1	3/3/2025	10 20	3 5	Soil	X		1	
CP_96_3 5_2	3/3/2025	10:25	3 5	Soil	X		1	

590-29670 Chain of Custody

2.2,2.6 IR006

Sampled and Relinquished by	Received by
Sign	Sign Carson Ramme
Print Luke Peden	Print Carson Ramme
Firm Haley + Aldrich	Firm EBTSPO
Date 3/4/25 Time 8:45	Date 3/4/25 Time 9:50
Relinquished by	**Received by**
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time
Relinquished by	**Received by**
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time

LIQUID	SOLID
VOA Vial	VOA Vial
Amber Glass	Amber Glass
Plastic Bottle	Clear Glass
Preservative	Preservative
Volume	Volume

PRESERVATION KEY

A Sample chilled C NaOH E H_2SO_4 G Methanol
B Sample filtered D HNO_3 F HCL H Water/NaHSO4 (circle)

Sampling Comments

Evidence samples were tampered with? YES NO
If YES, please explain in section below

Presumptive Certainty Data Package (Laboratory to use applicable DEP CAM methods)

If Presumptive Certainty Data Package is needed, initial all sections.

_____ The required minimum field QC samples, as designated in BWSC CAM-VII have been or will be collected, as appropriate to meet the requirements of Presumptive Certainty
_____ Matrix Spike (MS) samples for MCP Metals and/or Cyanide are included and identified herein.
_____ This Chain of Custody Record (specify) _____ include _____ does not include samples defined as Drinking Water Samples
_____ If the Chain of Custody Record identifies samples designated Drinking Water Samples, Trip Blanks and Field Duplicates are included and identified and analysis of TICs are required, as appropriate

Required Reporting Limits and Data Quality Objectives

☐ RC-S1 ☐ S1 ☐ GW1
☐ RC-S2 ☐ S2 ☐ GW2
☐ RC-GW1 ☐ S3 ☐ GW3
☐ RC-GW

WHITE Laboratory CANARY Project Manager PINK H. & Aldrich Labor

November 2024

HALEY ALDRICH

Haley & Aldrich, Inc.
505 W Riverside Ave.
STE 450,
Spokane, WA 99201-0513

CHAIN OF CUSTODY RECORD

Phone (509) 960-7447
Fax (509) 960-7447
Page 2 of 5

H&A FILE NO.	0202349	LABORATORY	Eurofins Spokane
PROJECT NAME	CVSD Gun Club	ADDRESS	
H&A CONTACT	Breeyn Greer	CONTACT	Randee Arrington
DELIVERY DATE	3/4/2025		
TURNAROUND TIME	10-Day		
PROJECT MANAGER	Breeyn Greer		

Sample No.	Date	Time	Depth	Type	Analysis Requested: cPAHs Project Specific List	HOLD	Number of Containers	Comments(special instructions, precautions, additional method numbers, etc.)
CP_96_3 5_3	3/3/2025	10 30	3 5	Soil		X	1	Laboratory to use applicable DEP CAM methods, unless otherwise directed.
CP_96 3 5 4	3/3/2025	10 35	3 5	Soil		X	1	
CP 121_3.25_1	3/3/2025	10.40	3.25	Soil	X		1	> cPAHs by Project Specific List
CP_121_3.25_2	3/3/2025	10·45	3.25	Soil	X		1	
CP_121_3.25_3	3/3/2025	10 50	3.25	Soil		X	1	
CP_121 3.25 4	3/3/2025	10 55	3 25	Soil		X	1	
CP_94_4_1	3/3/2025	11 15	4	Soil	X		1	
CP_94_4_2	3/3/2025	11 20	4	Soil	X		1	
CP_111_3 5_1	3/3/2025	11 25	3 5	Soil	X		1	
CP_111 3 5 2	3/3/2025	11 30	3 5	Soil	X		1	

Sampled and Relinquished by	Received by
Sign	Sign Carson Desimone
Print Luke Peden	Print Carson Desimone
Firm H&A	Firm EBT SPO
Date 3/4/25 Time 8·45	Date 3/4/25 Time 8:50
Relinquished by	**Received by**
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time
Relinquished by	**Received by**
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time

LIQUID	SOLID
VOA Vial	VOA Vial
Amber Glass	Amber Glass
Plastic Bottle	Clear Glass
Preservative	Preservative
Volume	Volume

PRESERVATION KEY

A	Sample chilled	C	NaOH	E	H_2SO_4	G	Methanol
B	Sample filtered	D	HNO_3	F	HCL	H	Water/NaHSO4 (circle)

Sampling Comments

Evidence samples were tampered with? YES NO
If YES, please explain in section below

Presumptive Certainty Data Package (Laboratory to use applicable DEP CAM methods)

If Presumptive Certainty Data Package is needed, initial all sections:

_____ The required minimum field QC samples as designated BWSC CAM-VII have been or will be collected, as appropriate, to meet the requirements of Presumptive Certainty

_____ Matrix Spike (MS) samples for MCP Metals and/or Cyanide are included and identified herein.

_____ This Chain of Custody Record (specify) _____ includes _____ does not include samples defined as Drinking Water Samples

_____ If this Chain of Custody Record identifies samples defined as Drinking Water Samples, Trip Blanks, and Field Duplicates are included and identified and analysis of TICs are required, is ap

Required Reporting Limits and Data Quality Objectives

☐ RC-S1 ☐ S1 ☐ GW1
☐ RC-S2 ☐ S2 ☐ GW2
☐ RC-GW1 ☐ S3 ☐ GW3
☐ RC-GW2

WHITE Lab ory CANARY Proje Manager PINK Haley & Aldrich Laboratory

November 2024

3/10/2025

HALEY ALDRICH

Haley & Aldrich, Inc.
505 W Riverside Ave.
STE 450,
Spokane, WA 99201-0513

CHAIN OF CUSTODY RECORD

Phone (509) 960-7447
Fax (509) 960-7447

H&A FILE NO.	0202349	LABORATORY	Eurofins Spokane	DELIVERY DATE	3/4/2025
PROJECT NAME	CVSD Gun Club	ADDRESS		TURNAROUND TIME	10-Day
H&A CONTACT	Breeyn Greer	CONTACT	Randee Arrington	PROJECT MANAGER	Breeyn Greer

Sample No.	Date	Time	Depth	Type	Analysis Requested: cPAHs Project Specific List	HOLD	Number of Containers	Comments(special instructions, precautions, additional method numbers, etc.)
CP_111_3 5_3	3/3/2025	11 35	3 5	Soil		X	1	Laboratory to use applicable DEP CAM methods, unless otherwise directed.
CP_111_3 5_4	3/3/2025	11 40	3 5	Soil		X	1	
CP 112_3 5 1	3/3/2025	11 45	3 5	Soil	X		1	> cPAHs by Project Specific List
CP_112 3 5_2	3/3/2025	11 50	3 5	Soil	X		1	
CP_109_3 25_1	3/3/2025	12 10	3.25	Soil	X		1	
CP_109_3 25_2	3/3/2025	12 15	3.25	Soil	X		1	
CP_109_3 25_3	3/3/2025	12:20	3.25	Soil		X	1	
CP_109_3 25 4	3/3/2025	12:25	3.25	Soil		X	1	
CP_110_3_1	3/3/2025	12 30	3	Soil	X		1	
CP_110_3_2	3/3/2025	12 35	3	Soil	X		1	

Sampled and Relinquished by	Received by
Sign	Sign Carson Desrosiers
Print Luke Peden	Print Carson Desrosiers
Firm H&A	Firm BBTSPO
Date 3/4/25 Time 8:45	Date 3/4/25 Time 8:50
Relinquished by	**Received by**
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time
Relinquished by	**Received by**
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time

LIQUID	SOLID
VOA Vial	VOA Vial
Amber Glass	Amber Glass
Plastic Bottle	Clear Glass
Preservative	Preservative
Volume	Volume

Sampling Comments

Evidence samples were tampered with? YES NO
If YES, please explain in section below.

PRESERVATION KEY

A	Sample chilled	C	NaOH	E	H_2SO_4
B	Sample filtered	D	HNO_3	F	HCL
G	Methanol	H	Water/NaHSO4 (circle)		

Presumptive Certainty Data Package (Laboratory to use applicable DEP CAM methods)

If Presumptive Certainty Data Package is needed initial all sections:

_____ The required minimum field QC samples, as designated in BWSC CAM-VII have been or will be collected, as appropriate, to meet the requirements of Presumptive Certainty

_____ Matrix Spike (MS) samples for MCP Metals and/or Cyanide are included and identified herein.

_____ This Chain of Custody Record (specify) _____ includes _____ does not include samples defined as Drinking Water Samples

_____ If this Chain of Custody Record identifies samples defined as Drinking Water Samples, Trip Blank, and Field Duplicates are included and identified and analysis of TICs are required, as ap

Required Reporting Limits and Data Quality Objectives

☐ RC-S1 ☐ S1 ☐ GW1
☐ RC-S2 ☐ S2 ☐ GW2
☐ RC-GW1 ☐ S3 ☐ GW3
☐ RC-GW2

WHITE Laboratory CANARY Project Manag PINK Haley & Aldr Laboratory

Nove ber 2024

3/10/2025

HALEY ALDRICH

Haley & Aldrich, Inc.
505 W Riverside Ave.
STE 450,
Spokane, WA 99201-0513

CHAIN OF CUSTODY RECORD

Phone (509) 960-7447
Fax (509) 960-7447

H&A FILE NO.	0202349	LABORATORY	Eurofins Spokane
PROJECT NAME	CVSD Gun Club	ADDRESS	
H&A CONTACT	Breeyn Greer	CONTACT	Randee Arrington

DELIVERY DATE	3/4/2025
TURNAROUND TIME	10-Day
PROJECT MANAGER	Breeyn Greer

Sample No.	Date	Time	Depth	Type	Analysis Requested: cPAHs Project Specific List	HOLD	Number of Containers	Comments(special instructions, precautions, additional method numbers, etc.)
CP_110_3_3	3/3/2025	12 40	3	Soil		X	1	Laboratory to use applicable DEP CAM methods, unless otherwise directed.
CP_110 3_4	3/3/2025	12 45	3	Soil		X	1	
CP_120_3.25_1	3/3/2025	12 50	3.25	Soil	X		1	> cPAHs by Project Specific List
CP_120_3.25_2	3/3/2025	12 55	3 25	Soil	X		1	
CP 120_3.25 3	3/3/2025	13 00	3 25	Soil		X	1	
CP_120 3.25_4	3/3/2025	13 05	3 25	Soil		X	1	
CP_128_3 5_1	3/3/2025	13 45	3 5	Soil	X		1	
CP_128_3 5_2	3/3/2025	13 50	3.5	Soil	X		1	
CP 128_3 5_3	3/3/2025	13 55	3 5	Soil		X	1	
CP_128 3 5 4	3/3/2025	14 00	3 5	Soil		X	1	

Sampled and Relinquished by	Received by
Sign [signature]	Sign [signature]
Print Luke Peden	Print Carson Desimone
Firm H&A	Firm BBT SPO
Date 3/4/25 Time 8:45	Date 3/4/25 Time 8:50
Relinquished by	**Received by**
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time
Relinquished by	**Received by**
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time

LIQUID	SOLID
VOA Vial	VOA Vial
Amber Glass	Amber Glass
Plastic Bottle	Clear Glass
Preservative	Preservative
Volume	Volume

PRESERVATION KEY

A Sample chilled	C NaOH	E H_2SO_4	G Methanol
B Sample filtered	D HNO_3	F HCL	H Water/NaHSO4 (circle)

Sampling Comments

Evidence samples were tampered with? YES NO
If YES, please explain in section below

Presumptive Certainty Data Package (Laboratory to use applicable DEP CAM methods)

If Presumptive Certainty Data Package is needed, initial all sections:

_____ The required minimum field QC samples, as designated in BWSC CAM-VII have been or will be collected, as appropriate to meet the requirements of Presumptive Certainty

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_____ This Chain of Custody Record (specify) _____ includes _____ does not include samples defined as Drinking Water Samples.

_____ If this Chain of Custody Record identifies samples defined as Drinking Water Samples, Trip Blanks and Field Duplicates are included and identified and analysis of TICs are required, as appropriate.

Required Reporting Limits and Data Quality Objectives

☐ RC-S1 ☐ S1 ☐ GW1
☐ RC-S2 ☐ S2 ☐ GW2
☐ RC-GW1 ☐ S3 ☐ GW3
☐ RC-GW

WHITE Laboratory CANARY Project Manager PINK Haley & Aldrich Laboratory

November 2024

HALEY ALDRICH

Haley & Aldrich, Inc.
505 W Riverside Ave.,
STE 450,
Spokane, WA 99201-0513

CHAIN OF CUSTODY RECORD

Phone (509) 960-7447
Fax (509) 960-7447
Page 5 of 5

H&A FILE NO.	0202349	LABORATORY	Eurofins Spokane	DELIVERY DATE	3/4/2025
PROJECT NAME	CVSD Gun Club	ADDRESS		TURNAROUND TIME	10-Day
H&A CONTACT	Breeyn Greer	CONTACT	Randee Arrington	PROJECT MANAGER	Breeyn Greer

Sample No.	Date	Time	Depth	Type	Analysis Requested: cPAHs Project Specific List	HOLD	Number of Containers	Comments(special instructions, precautions, additional method numbers, etc.)
CP_130_3_1	3/3/2025	14:05	3	Soil	X		1	Laboratory to use applicable DEP CAM methods, unless otherwise directed.
CP_130_3_2	3/3/2025	14 10	3	Soil	X		1	
CP_130_3_3	3/3/2025	14 15	3	Soil		X	1	> cPAHs by Project Specific List
CP_130_3_4	3/3/2025	14:20	3	Soil		X	1	
CP_137_2 75_1	3/3/2025	14 25	2 75	Soil	X		1	
CP_137_2 75_2	3/3/2025	14 30	2 75	Soil	X		1	
CP_137 2 75_3	3/3/2025	14 35	2 75	Soil		X	1	
CP_137_2 75_4	3/3/2025	14:40	2 75	Soil		X	1	
							1	
							1	

Sampled and Relinquished by	Received by
Sign	Sign
Print Luke Peden	Print Carson Desimone
Firm H&A	Firm BBTSP
Date 3/4/25 Time 8:45	Date 3/4/25 Time 9:50
Relinquished by	**Received by**
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time
Relinquished by	**Received by**
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time

LIQUID	SOLID
VOA Vial	VOA Vial
Amber Glass	Amber Glass
Plastic Bottle	Clear Glass
Preservative	Preservative
Volume	Volume

Sampling Comments

Evidence samples were tampered with? YES NO
If YES, please explain in section below

PRESERVATION KEY

A Sample chilled C NaOH E H_2SO_4 G Methanol
B Sample filtered D HNO_3 F HCL H Water/NaHSO4 (circle)

Presumptive Certainty Data Package (Laboratory to use applicable DEP CAM methods)

If Presumptive Certainty Data Package is needed, initial all sections:

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Required Reporting Limits and Data Quality Objectives

☐ RC-S1 ☐ S1 ☐ GW1
☐ RC S2 ☐ S2 ☐ GW2
☐ RC-GW1 ☐ S3 ☐ GW3
☐ RC-GW2

WHITE Lab ory CANARY Pr jec Manager PINK Hale & Aldrich Labo tory

November 2024

Form 3 03

3/10/2025

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 590-29670-1

Login Number: 29670
List Number: 1
Creator: Vaughan, Madison R

List Source: Eurofins Spokane

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

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

ANALYTICAL REPORT

PREPARED FOR

Attn: Breeyn Greer
Haley & Aldrich, Inc.
505 W Riverside Ave
Suite 450
Spokane, Washington 99201

Generated 3/11/2025 8:39:40 PM

JOB DESCRIPTION

CVSD Gun Club

JOB NUMBER

590-29655-1

Eurofins Spokane
11922 East 1st Ave
Spokane WA 99206

See page two for job notes and contact information.

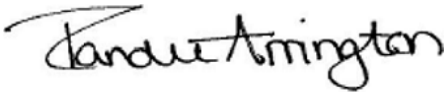
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Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

Authorization



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3/11/2025 8:39:40 PM

Authorized for release by
Randee Arrington, Business Unit Manager
Randee.Arrington@et.eurofinsus.com
(509)924-9200

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QC Sample Results 15
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Receipt Checklists 29

Job Narrative
590-29655-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 2/28/2025 3:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.8°C.

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

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

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

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 590-29655-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
590-29655-1	C_38_3.5_1	Solid	02/28/25 11:50	02/28/25 15:00
590-29655-2	C_38_3.5_2	Solid	02/28/25 11:55	02/28/25 15:00
590-29655-5	C_39_3.5_1	Solid	02/28/25 12:10	02/28/25 15:00
590-29655-6	C_39_3.5_2	Solid	02/28/25 12:15	02/28/25 15:00
590-29655-9	C_48_3.5_1	Solid	02/28/25 11:40	02/28/25 15:00
590-29655-10	C_48_3.5_2	Solid	02/28/25 11:45	02/28/25 15:00
590-29655-13	C_50_3.5_1	Solid	02/28/25 12:00	02/28/25 15:00
590-29655-14	C_50_3.5_2	Solid	02/28/25 12:05	02/28/25 15:00
590-29655-17	C_29_3.5_1	Solid	02/28/25 11:30	02/28/25 15:00
590-29655-18	C_29_3.5_2	Solid	02/28/25 11:35	02/28/25 15:00
590-29655-21	CP_66_3.25_1	Solid	02/28/25 13:30	02/28/25 15:00
590-29655-22	CP_66_3.25_2	Solid	02/28/25 13:35	02/28/25 15:00
590-29655-25	CP_79_3.25_1	Solid	02/28/25 13:20	02/28/25 15:00
590-29655-26	CP_79_3.25_2	Solid	02/28/25 13:25	02/28/25 15:00
590-29655-29	CP_80_3.25_1	Solid	02/28/25 14:25	02/28/25 15:00
590-29655-30	CP_80_3.25_2	Solid	02/28/25 14:30	02/28/25 15:00
590-29655-33	C_41_3.5_1	Solid	02/28/25 13:45	02/28/25 15:00
590-29655-34	C_41_3.5_2	Solid	02/28/25 13:50	02/28/25 15:00

Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 590-29655-1

Glossary

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

Client Sample ID: C_38_3.5_1

Lab Sample ID: 590-29655-1
Date Collected: 02/28/25 11:50
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 87.8

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 18:06	1
2-Methylnaphthalene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 18:06	1
1-Methylnaphthalene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 18:06	1
Benzo[a]anthracene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 18:06	1
Chrysene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 18:06	1
Benzo[b]fluoranthene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 18:06	1
Benzo[k]fluoranthene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 18:06	1
Benzo[a]pyrene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 18:06	1
Indeno[1,2,3-cd]pyrene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 18:06	1
Dibenz(a,h)anthracene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 18:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*75*		*32 - 120*	*03/05/25 11:25*	*03/05/25 18:06*	*1*
2-Fluorobiphenyl (Surr)	*83*		*41 - 120*	*03/05/25 11:25*	*03/05/25 18:06*	*1*
p-Terphenyl-d14	*107*		*45 - 134*	*03/05/25 11:25*	*03/05/25 18:06*	*1*

Client Sample ID: C_38_3.5_2

Lab Sample ID: 590-29655-2
Date Collected: 02/28/25 11:55
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 86.3

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 18:28	1
2-Methylnaphthalene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 18:28	1
1-Methylnaphthalene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 18:28	1
Benzo[a]anthracene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 18:28	1
Chrysene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 18:28	1
Benzo[b]fluoranthene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 18:28	1
Benzo[k]fluoranthene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 18:28	1
Benzo[a]pyrene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 18:28	1
Indeno[1,2,3-cd]pyrene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 18:28	1
Dibenz(a,h)anthracene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*89*		*32 - 120*	*03/05/25 11:25*	*03/05/25 18:28*	*1*
2-Fluorobiphenyl (Surr)	*85*		*41 - 120*	*03/05/25 11:25*	*03/05/25 18:28*	*1*
p-Terphenyl-d14	*96*		*45 - 134*	*03/05/25 11:25*	*03/05/25 18:28*	*1*

Client Sample ID: C_39_3.5_1

Lab Sample ID: 590-29655-5
Date Collected: 02/28/25 12:10
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 93.6

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 18:50	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 18:50	1
1-Methylnaphthalene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 18:50	1
Benzo[a]anthracene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 18:50	1
Chrysene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 18:50	1
Benzo[b]fluoranthene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 18:50	1
Benzo[k]fluoranthene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 18:50	1

Client Sample ID: C_39_3.5_1

Date Collected: 02/28/25 12:10
Date Received: 02/28/25 15:00

Lab Sample ID: 590-29655-5

Matrix: Solid
Percent Solids: 93.6

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 18:50	1
Indeno[1,2,3-cd]pyrene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 18:50	1
Dibenz(a,h)anthracene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 18:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*56*		*32 - 120*	*03/05/25 11:25*	*03/05/25 18:50*	*1*
2-Fluorobiphenyl (Surr)	*65*		*41 - 120*	*03/05/25 11:25*	*03/05/25 18:50*	*1*
p-Terphenyl-d14	*109*		*45 - 134*	*03/05/25 11:25*	*03/05/25 18:50*	*1*

Client Sample ID: C_39_3.5_2

Date Collected: 02/28/25 12:15
Date Received: 02/28/25 15:00

Lab Sample ID: 590-29655-6

Matrix: Solid
Percent Solids: 92.7

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 19:12	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 19:12	1
1-Methylnaphthalene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 19:12	1
Benzo[a]anthracene	**28**		10		ug/Kg	☼	03/05/25 11:25	03/05/25 19:12	1
Chrysene	**34**		10		ug/Kg	☼	03/05/25 11:25	03/05/25 19:12	1
Benzo[b]fluoranthene	**41**		10		ug/Kg	☼	03/05/25 11:25	03/05/25 19:12	1
Benzo[k]fluoranthene	**19**		10		ug/Kg	☼	03/05/25 11:25	03/05/25 19:12	1
Benzo[a]pyrene	**44**		10		ug/Kg	☼	03/05/25 11:25	03/05/25 19:12	1
Indeno[1,2,3-cd]pyrene	**21**		10		ug/Kg	☼	03/05/25 11:25	03/05/25 19:12	1
Dibenz(a,h)anthracene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 19:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*57*		*32 - 120*	*03/05/25 11:25*	*03/05/25 19:12*	*1*
2-Fluorobiphenyl (Surr)	*65*		*41 - 120*	*03/05/25 11:25*	*03/05/25 19:12*	*1*
p-Terphenyl-d14	*99*		*45 - 134*	*03/05/25 11:25*	*03/05/25 19:12*	*1*

Client Sample ID: C_48_3.5_1

Date Collected: 02/28/25 11:40
Date Received: 02/28/25 15:00

Lab Sample ID: 590-29655-9

Matrix: Solid
Percent Solids: 94.8

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 19:34	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 19:34	1
1-Methylnaphthalene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 19:34	1
Benzo[a]anthracene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 19:34	1
Chrysene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 19:34	1
Benzo[b]fluoranthene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 19:34	1
Benzo[k]fluoranthene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 19:34	1
Benzo[a]pyrene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 19:34	1
Indeno[1,2,3-cd]pyrene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 19:34	1
Dibenz(a,h)anthracene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 19:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*80*		*32 - 120*	*03/05/25 11:25*	*03/05/25 19:34*	*1*
2-Fluorobiphenyl (Surr)	*78*		*41 - 120*	*03/05/25 11:25*	*03/05/25 19:34*	*1*

Client Sample ID: C_48_3.5_1

Lab Sample ID: 590-29655-9
Date Collected: 02/28/25 11:40
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 94.8

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14	*96*		*45 - 134*	*03/05/25 11:25*	*03/05/25 19:34*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		22		mg/Kg	☼	03/04/25 10:33	03/04/25 19:54	10

Client Sample ID: C_48_3.5_2

Lab Sample ID: 590-29655-10
Date Collected: 02/28/25 11:45
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 92.1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 19:56	1
2-Methylnaphthalene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 19:56	1
1-Methylnaphthalene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 19:56	1
Benzo[a]anthracene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 19:56	1
Chrysene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 19:56	1
Benzo[b]fluoranthene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 19:56	1
Benzo[k]fluoranthene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 19:56	1
Benzo[a]pyrene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 19:56	1
Indeno[1,2,3-cd]pyrene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 19:56	1
Dibenz(a,h)anthracene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 19:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*77*		*32 - 120*	*03/05/25 11:25*	*03/05/25 19:56*	*1*
2-Fluorobiphenyl (Surr)	*81*		*41 - 120*	*03/05/25 11:25*	*03/05/25 19:56*	*1*
p-Terphenyl-d14	*109*		*45 - 134*	*03/05/25 11:25*	*03/05/25 19:56*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		24		mg/Kg	☼	03/04/25 10:33	03/04/25 19:59	10

Client Sample ID: C_50_3.5_1

Lab Sample ID: 590-29655-13
Date Collected: 02/28/25 12:00
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 94.0

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 20:18	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 20:18	1
1-Methylnaphthalene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 20:18	1
Benzo[a]anthracene	**37**		10		ug/Kg	☼	03/05/25 11:25	03/05/25 20:18	1
Chrysene	**42**		10		ug/Kg	☼	03/05/25 11:25	03/05/25 20:18	1
Benzo[b]fluoranthene	**51**		10		ug/Kg	☼	03/05/25 11:25	03/05/25 20:18	1
Benzo[k]fluoranthene	**22**		10		ug/Kg	☼	03/05/25 11:25	03/05/25 20:18	1
Benzo[a]pyrene	**53**		10		ug/Kg	☼	03/05/25 11:25	03/05/25 20:18	1
Indeno[1,2,3-cd]pyrene	**25**		10		ug/Kg	☼	03/05/25 11:25	03/05/25 20:18	1
Dibenz(a,h)anthracene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 20:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*76*		*32 - 120*	*03/05/25 11:25*	*03/05/25 20:18*	*1*

Client Sample ID: C_50_3.5_1

Lab Sample ID: 590-29655-13
Date Collected: 02/28/25 12:00
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 94.0

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*77*		*41 - 120*	*03/05/25 11:25*	*03/05/25 20:18*	*1*
p-Terphenyl-d14	*96*		*45 - 134*	*03/05/25 11:25*	*03/05/25 20:18*	*1*

Client Sample ID: C_50_3.5_2

Lab Sample ID: 590-29655-14
Date Collected: 02/28/25 12:05
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 95.9

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 20:41	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 20:41	1
1-Methylnaphthalene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 20:41	1
Benzo[a]anthracene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 20:41	1
Chrysene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 20:41	1
Benzo[b]fluoranthene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 20:41	1
Benzo[k]fluoranthene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 20:41	1
Benzo[a]pyrene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 20:41	1
Indeno[1,2,3-cd]pyrene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 20:41	1
Dibenz(a,h)anthracene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 20:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*87*		*32 - 120*	*03/05/25 11:25*	*03/05/25 20:41*	*1*
2-Fluorobiphenyl (Surr)	*83*		*41 - 120*	*03/05/25 11:25*	*03/05/25 20:41*	*1*
p-Terphenyl-d14	*103*		*45 - 134*	*03/05/25 11:25*	*03/05/25 20:41*	*1*

Client Sample ID: C_29_3.5_1

Lab Sample ID: 590-29655-17
Date Collected: 02/28/25 11:30
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 87.6

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 21:03	1
2-Methylnaphthalene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 21:03	1
1-Methylnaphthalene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 21:03	1
Benzo[a]anthracene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 21:03	1
Chrysene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 21:03	1
Benzo[b]fluoranthene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 21:03	1
Benzo[k]fluoranthene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 21:03	1
Benzo[a]pyrene	**11**		11		ug/Kg	☼	03/05/25 11:25	03/05/25 21:03	1
Indeno[1,2,3-cd]pyrene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 21:03	1
Dibenz(a,h)anthracene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 21:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*81*		*32 - 120*	*03/05/25 11:25*	*03/05/25 21:03*	*1*
2-Fluorobiphenyl (Surr)	*78*		*41 - 120*	*03/05/25 11:25*	*03/05/25 21:03*	*1*
p-Terphenyl-d14	*101*		*45 - 134*	*03/05/25 11:25*	*03/05/25 21:03*	*1*

Client Sample ID: C_29_3.5_2

Lab Sample ID: 590-29655-18
Date Collected: 02/28/25 11:35
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 87.8

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 21:25	1
2-Methylnaphthalene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 21:25	1
1-Methylnaphthalene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 21:25	1
Benzo[a]anthracene	**44**		11		ug/Kg	☼	03/05/25 11:25	03/05/25 21:25	1
Chrysene	**53**		11		ug/Kg	☼	03/05/25 11:25	03/05/25 21:25	1
Benzo[b]fluoranthene	**56**		11		ug/Kg	☼	03/05/25 11:25	03/05/25 21:25	1
Benzo[k]fluoranthene	**25**		11		ug/Kg	☼	03/05/25 11:25	03/05/25 21:25	1
Benzo[a]pyrene	**63**		11		ug/Kg	☼	03/05/25 11:25	03/05/25 21:25	1
Indeno[1,2,3-cd]pyrene	**28**		11		ug/Kg	☼	03/05/25 11:25	03/05/25 21:25	1
Dibenz(a,h)anthracene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 21:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*74*		*32 - 120*	*03/05/25 11:25*	*03/05/25 21:25*	*1*
2-Fluorobiphenyl (Surr)	*74*		*41 - 120*	*03/05/25 11:25*	*03/05/25 21:25*	*1*
p-Terphenyl-d14	*91*		*45 - 134*	*03/05/25 11:25*	*03/05/25 21:25*	*1*

Client Sample ID: CP_66_3.25_1

Lab Sample ID: 590-29655-21
Date Collected: 02/28/25 13:30
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 92.2

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 21:47	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 21:47	1
1-Methylnaphthalene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 21:47	1
Benzo[a]anthracene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 21:47	1
Chrysene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 21:47	1
Benzo[b]fluoranthene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 21:47	1
Benzo[k]fluoranthene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 21:47	1
Benzo[a]pyrene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 21:47	1
Indeno[1,2,3-cd]pyrene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 21:47	1
Dibenz(a,h)anthracene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 21:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*84*		*32 - 120*	*03/05/25 11:25*	*03/05/25 21:47*	*1*
2-Fluorobiphenyl (Surr)	*85*		*41 - 120*	*03/05/25 11:25*	*03/05/25 21:47*	*1*
p-Terphenyl-d14	*115*		*45 - 134*	*03/05/25 11:25*	*03/05/25 21:47*	*1*

Client Sample ID: CP_66_3.25_2

Lab Sample ID: 590-29655-22
Date Collected: 02/28/25 13:35
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 93.3

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 22:09	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 22:09	1
1-Methylnaphthalene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 22:09	1
Benzo[a]anthracene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 22:09	1
Chrysene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 22:09	1
Benzo[b]fluoranthene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 22:09	1
Benzo[k]fluoranthene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 22:09	1

Client Sample ID: CP_66_3.25_2

Lab Sample ID: 590-29655-22
Date Collected: 02/28/25 13:35
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 93.3

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 22:09	1
Indeno[1,2,3-cd]pyrene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 22:09	1
Dibenz(a,h)anthracene	ND		10		ug/Kg	☼	03/05/25 11:25	03/05/25 22:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*74*		*32 - 120*	*03/05/25 11:25*	*03/05/25 22:09*	*1*
2-Fluorobiphenyl (Surr)	*73*		*41 - 120*	*03/05/25 11:25*	*03/05/25 22:09*	*1*
p-Terphenyl-d14	*95*		*45 - 134*	*03/05/25 11:25*	*03/05/25 22:09*	*1*

Client Sample ID: CP_79_3.25_1

Lab Sample ID: 590-29655-25
Date Collected: 02/28/25 13:20
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 90.8

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 22:31	1
2-Methylnaphthalene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 22:31	1
1-Methylnaphthalene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 22:31	1
Benzo[a]anthracene	**27**		11		ug/Kg	☼	03/05/25 11:25	03/05/25 22:31	1
Chrysene	**32**		11		ug/Kg	☼	03/05/25 11:25	03/05/25 22:31	1
Benzo[b]fluoranthene	**37**		11		ug/Kg	☼	03/05/25 11:25	03/05/25 22:31	1
Benzo[k]fluoranthene	**17**		11		ug/Kg	☼	03/05/25 11:25	03/05/25 22:31	1
Benzo[a]pyrene	**39**		11		ug/Kg	☼	03/05/25 11:25	03/05/25 22:31	1
Indeno[1,2,3-cd]pyrene	**19**		11		ug/Kg	☼	03/05/25 11:25	03/05/25 22:31	1
Dibenz(a,h)anthracene	ND		11		ug/Kg	☼	03/05/25 11:25	03/05/25 22:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*92*		*32 - 120*	*03/05/25 11:25*	*03/05/25 22:31*	*1*
2-Fluorobiphenyl (Surr)	*88*		*41 - 120*	*03/05/25 11:25*	*03/05/25 22:31*	*1*
p-Terphenyl-d14	*106*		*45 - 134*	*03/05/25 11:25*	*03/05/25 22:31*	*1*

Client Sample ID: CP_79_3.25_2

Lab Sample ID: 590-29655-26
Date Collected: 02/28/25 13:25
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 91.2

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 17:55	1
2-Methylnaphthalene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 17:55	1
1-Methylnaphthalene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 17:55	1
Benzo[a]anthracene	**31**		11		ug/Kg	☼	03/06/25 10:02	03/06/25 17:55	1
Chrysene	**38**		11		ug/Kg	☼	03/06/25 10:02	03/06/25 17:55	1
Benzo[b]fluoranthene	**43**		11		ug/Kg	☼	03/06/25 10:02	03/06/25 17:55	1
Benzo[k]fluoranthene	**21**		11		ug/Kg	☼	03/06/25 10:02	03/06/25 17:55	1
Benzo[a]pyrene	**45**		11		ug/Kg	☼	03/06/25 10:02	03/06/25 17:55	1
Indeno[1,2,3-cd]pyrene	**24**		11		ug/Kg	☼	03/06/25 10:02	03/06/25 17:55	1
Dibenz(a,h)anthracene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 17:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*85*		*32 - 120*	*03/06/25 10:02*	*03/06/25 17:55*	*1*
2-Fluorobiphenyl (Surr)	*85*		*41 - 120*	*03/06/25 10:02*	*03/06/25 17:55*	*1*

Client Sample ID: CP_79_3.25_2

Lab Sample ID: 590-29655-26
Date Collected: 02/28/25 13:25
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 91.2

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14	*112*		*45 - 134*	*03/06/25 10:02*	*03/06/25 17:55*	*1*

Client Sample ID: CP_80_3.25_1

Lab Sample ID: 590-29655-29
Date Collected: 02/28/25 14:25
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 92.5

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 18:17	1
2-Methylnaphthalene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 18:17	1
1-Methylnaphthalene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 18:17	1
Benzo[a]anthracene	**17**		11		ug/Kg	☼	03/06/25 10:02	03/06/25 18:17	1
Chrysene	**22**		11		ug/Kg	☼	03/06/25 10:02	03/06/25 18:17	1
Benzo[b]fluoranthene	**26**		11		ug/Kg	☼	03/06/25 10:02	03/06/25 18:17	1
Benzo[k]fluoranthene	**14**		11		ug/Kg	☼	03/06/25 10:02	03/06/25 18:17	1
Benzo[a]pyrene	**30**		11		ug/Kg	☼	03/06/25 10:02	03/06/25 18:17	1
Indeno[1,2,3-cd]pyrene	**16**		11		ug/Kg	☼	03/06/25 10:02	03/06/25 18:17	1
Dibenz(a,h)anthracene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*78*		*32 - 120*	*03/06/25 10:02*	*03/06/25 18:17*	*1*
2-Fluorobiphenyl (Surr)	*80*		*41 - 120*	*03/06/25 10:02*	*03/06/25 18:17*	*1*
p-Terphenyl-d14	*103*		*45 - 134*	*03/06/25 10:02*	*03/06/25 18:17*	*1*

Client Sample ID: CP_80_3.25_2

Lab Sample ID: 590-29655-30
Date Collected: 02/28/25 14:30
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 93.0

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 18:39	1
2-Methylnaphthalene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 18:39	1
1-Methylnaphthalene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 18:39	1
Benzo[a]anthracene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 18:39	1
Chrysene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 18:39	1
Benzo[b]fluoranthene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 18:39	1
Benzo[k]fluoranthene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 18:39	1
Benzo[a]pyrene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 18:39	1
Indeno[1,2,3-cd]pyrene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 18:39	1
Dibenz(a,h)anthracene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*79*		*32 - 120*	*03/06/25 10:02*	*03/06/25 18:39*	*1*
2-Fluorobiphenyl (Surr)	*79*		*41 - 120*	*03/06/25 10:02*	*03/06/25 18:39*	*1*
p-Terphenyl-d14	*109*		*45 - 134*	*03/06/25 10:02*	*03/06/25 18:39*	*1*

Client Sample ID: C_41_3.5_1

Lab Sample ID: 590-29655-33
Date Collected: 02/28/25 13:45
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 93.8

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 19:01	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 19:01	1
1-Methylnaphthalene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 19:01	1
Benzo[a]anthracene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 19:01	1
Chrysene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 19:01	1
Benzo[b]fluoranthene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 19:01	1
Benzo[k]fluoranthene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 19:01	1
Benzo[a]pyrene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 19:01	1
Indeno[1,2,3-cd]pyrene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 19:01	1
Dibenz(a,h)anthracene	ND		10		ug/Kg	☼	03/06/25 10:02	03/06/25 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*89*		*32 - 120*	*03/06/25 10:02*	*03/06/25 19:01*	*1*
2-Fluorobiphenyl (Surr)	*88*		*41 - 120*	*03/06/25 10:02*	*03/06/25 19:01*	*1*
p-Terphenyl-d14	*110*		*45 - 134*	*03/06/25 10:02*	*03/06/25 19:01*	*1*

Client Sample ID: C_41_3.5_2

Lab Sample ID: 590-29655-34
Date Collected: 02/28/25 13:50
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 91.4

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 19:23	1
2-Methylnaphthalene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 19:23	1
1-Methylnaphthalene	ND		11		ug/Kg	☼	03/06/25 10:02	03/06/25 19:23	1
Benzo[a]anthracene	**220**		11		ug/Kg	☼	03/06/25 10:02	03/06/25 19:23	1
Chrysene	**230**		11		ug/Kg	☼	03/06/25 10:02	03/06/25 19:23	1
Benzo[b]fluoranthene	**270**		11		ug/Kg	☼	03/06/25 10:02	03/06/25 19:23	1
Benzo[k]fluoranthene	**110**		11		ug/Kg	☼	03/06/25 10:02	03/06/25 19:23	1
Benzo[a]pyrene	**290**		11		ug/Kg	☼	03/06/25 10:02	03/06/25 19:23	1
Indeno[1,2,3-cd]pyrene	**140**		11		ug/Kg	☼	03/06/25 10:02	03/06/25 19:23	1
Dibenz(a,h)anthracene	**64**		11		ug/Kg	☼	03/06/25 10:02	03/06/25 19:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*79*		*32 - 120*	*03/06/25 10:02*	*03/06/25 19:23*	*1*
2-Fluorobiphenyl (Surr)	*82*		*41 - 120*	*03/06/25 10:02*	*03/06/25 19:23*	*1*
p-Terphenyl-d14	*94*		*45 - 134*	*03/06/25 10:02*	*03/06/25 19:23*	*1*

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

Lab Sample ID: MB 590-52703/1-A
Matrix: Solid
Analysis Batch: 52704

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 52703

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg		03/05/25 11:25	03/05/25 14:02	1
2-Methylnaphthalene	ND		10		ug/Kg		03/05/25 11:25	03/05/25 14:02	1
1-Methylnaphthalene	ND		10		ug/Kg		03/05/25 11:25	03/05/25 14:02	1
Benzo[a]anthracene	ND		10		ug/Kg		03/05/25 11:25	03/05/25 14:02	1
Chrysene	ND		10		ug/Kg		03/05/25 11:25	03/05/25 14:02	1
Benzo[b]fluoranthene	ND		10		ug/Kg		03/05/25 11:25	03/05/25 14:02	1
Benzo[k]fluoranthene	ND		10		ug/Kg		03/05/25 11:25	03/05/25 14:02	1
Benzo[a]pyrene	ND		10		ug/Kg		03/05/25 11:25	03/05/25 14:02	1
Indeno[1,2,3-cd]pyrene	ND		10		ug/Kg		03/05/25 11:25	03/05/25 14:02	1
Dibenz(a,h)anthracene	ND		10		ug/Kg		03/05/25 11:25	03/05/25 14:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*66*		*32 - 120*	*03/05/25 11:25*	*03/05/25 14:02*	*1*
2-Fluorobiphenyl (Surr)	*83*		*41 - 120*	*03/05/25 11:25*	*03/05/25 14:02*	*1*
p-Terphenyl-d14	*111*		*45 - 134*	*03/05/25 11:25*	*03/05/25 14:02*	*1*

Lab Sample ID: LCS 590-52703/2-A
Matrix: Solid
Analysis Batch: 52704

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 52703

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Naphthalene	267	210		ug/Kg		79	37 - 120
2-Methylnaphthalene	267	221		ug/Kg		83	45 - 120
1-Methylnaphthalene	267	222		ug/Kg		83	44 - 120
Benzo[a]anthracene	267	265		ug/Kg		99	65 - 122
Chrysene	267	272		ug/Kg		102	53 - 120
Benzo[b]fluoranthene	267	231		ug/Kg		87	56 - 122
Benzo[k]fluoranthene	267	291		ug/Kg		109	53 - 120
Benzo[a]pyrene	267	264		ug/Kg		99	56 - 120
Indeno[1,2,3-cd]pyrene	267	267		ug/Kg		100	59 - 120
Dibenz(a,h)anthracene	267	268		ug/Kg		101	59 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*77*		*32 - 120*
2-Fluorobiphenyl (Surr)	*84*		*41 - 120*
p-Terphenyl-d14	*105*		*45 - 134*

Lab Sample ID: MB 590-52729/1-A
Matrix: Solid
Analysis Batch: 52737

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 52729

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg		03/06/25 10:02	03/06/25 13:52	1
2-Methylnaphthalene	ND		10		ug/Kg		03/06/25 10:02	03/06/25 13:52	1
1-Methylnaphthalene	ND		10		ug/Kg		03/06/25 10:02	03/06/25 13:52	1
Benzo[a]anthracene	ND		10		ug/Kg		03/06/25 10:02	03/06/25 13:52	1
Chrysene	ND		10		ug/Kg		03/06/25 10:02	03/06/25 13:52	1
Benzo[b]fluoranthene	ND		10		ug/Kg		03/06/25 10:02	03/06/25 13:52	1

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

Lab Sample ID: MB 590-52729/1-A
Matrix: Solid
Analysis Batch: 52737

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 52729

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		10		ug/Kg		03/06/25 10:02	03/06/25 13:52	1
Benzo[a]pyrene	ND		10		ug/Kg		03/06/25 10:02	03/06/25 13:52	1
Indeno[1,2,3-cd]pyrene	ND		10		ug/Kg		03/06/25 10:02	03/06/25 13:52	1
Dibenz(a,h)anthracene	ND		10		ug/Kg		03/06/25 10:02	03/06/25 13:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*90*		*32 - 120*	*03/06/25 10:02*	*03/06/25 13:52*	*1*
2-Fluorobiphenyl (Surr)	*85*		*41 - 120*	*03/06/25 10:02*	*03/06/25 13:52*	*1*
p-Terphenyl-d14	*116*		*45 - 134*	*03/06/25 10:02*	*03/06/25 13:52*	*1*

Lab Sample ID: LCS 590-52729/2-A
Matrix: Solid
Analysis Batch: 52737

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 52729

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Naphthalene	267	204		ug/Kg		77	37 - 120
2-Methylnaphthalene	267	214		ug/Kg		80	45 - 120
1-Methylnaphthalene	267	215		ug/Kg		81	44 - 120
Benzo[a]anthracene	267	252		ug/Kg		94	65 - 122
Chrysene	267	259		ug/Kg		97	53 - 120
Benzo[b]fluoranthene	267	221		ug/Kg		83	56 - 122
Benzo[k]fluoranthene	267	291		ug/Kg		109	53 - 120
Benzo[a]pyrene	267	249		ug/Kg		94	56 - 120
Indeno[1,2,3-cd]pyrene	267	259		ug/Kg		97	59 - 120
Dibenz(a,h)anthracene	267	264		ug/Kg		99	59 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*89*		*32 - 120*
2-Fluorobiphenyl (Surr)	*90*		*41 - 120*
p-Terphenyl-d14	*103*		*45 - 134*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 590-52674/2-A
Matrix: Solid
Analysis Batch: 52694

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 52674

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		3.0		mg/Kg		03/04/25 10:32	03/04/25 17:49	1

Lab Sample ID: LCS 590-52674/1-A
Matrix: Solid
Analysis Batch: 52694

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 52674

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	50.0	55.9		mg/Kg		112	80 - 120

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 590-29655-1

Client Sample ID: C_38_3.5_1 — **Lab Sample ID: 590-29655-1**
Date Collected: 02/28/25 11:50 — **Matrix: Solid**
Date Received: 02/28/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52697	03/05/25 10:25	M1M	EET SPK

Client Sample ID: C_38_3.5_1 — **Lab Sample ID: 590-29655-1**
Date Collected: 02/28/25 11:50 — **Matrix: Solid**
Date Received: 02/28/25 15:00 — **Percent Solids: 87.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.16 g	2 mL	52703	03/05/25 11:25	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52704	03/05/25 18:06	NMI	EET SPK

Client Sample ID: C_38_3.5_2 — **Lab Sample ID: 590-29655-2**
Date Collected: 02/28/25 11:55 — **Matrix: Solid**
Date Received: 02/28/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52697	03/05/25 10:25	M1M	EET SPK

Client Sample ID: C_38_3.5_2 — **Lab Sample ID: 590-29655-2**
Date Collected: 02/28/25 11:55 — **Matrix: Solid**
Date Received: 02/28/25 15:00 — **Percent Solids: 86.3**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.44 g	2 mL	52703	03/05/25 11:25	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52704	03/05/25 18:28	NMI	EET SPK

Client Sample ID: C_39_3.5_1 — **Lab Sample ID: 590-29655-5**
Date Collected: 02/28/25 12:10 — **Matrix: Solid**
Date Received: 02/28/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52697	03/05/25 10:25	M1M	EET SPK

Client Sample ID: C_39_3.5_1 — **Lab Sample ID: 590-29655-5**
Date Collected: 02/28/25 12:10 — **Matrix: Solid**
Date Received: 02/28/25 15:00 — **Percent Solids: 93.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.90 g	2 mL	52703	03/05/25 11:25	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52704	03/05/25 18:50	NMI	EET SPK

Client Sample ID: C_39_3.5_2 — **Lab Sample ID: 590-29655-6**
Date Collected: 02/28/25 12:15 — **Matrix: Solid**
Date Received: 02/28/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52697	03/05/25 10:25	M1M	EET SPK

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 590-29655-1

Client Sample ID: C_39_3.5_2

Lab Sample ID: 590-29655-6
Date Collected: 02/28/25 12:15
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.59 g	2 mL	52703	03/05/25 11:25	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52704	03/05/25 19:12	NMI	EET SPK

Client Sample ID: C_48_3.5_1

Lab Sample ID: 590-29655-9
Date Collected: 02/28/25 11:40
Matrix: Solid
Date Received: 02/28/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52697	03/05/25 10:25	M1M	EET SPK

Client Sample ID: C_48_3.5_1

Lab Sample ID: 590-29655-9
Date Collected: 02/28/25 11:40
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.15 g	2 mL	52703	03/05/25 11:25	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52704	03/05/25 19:34	NMI	EET SPK
Total/NA	Prep	3050B			1.47 g	50 mL	52674	03/04/25 10:33	AMB	EET SPK
Total/NA	Analysis	6010D		10			52694	03/04/25 19:54	AMB	EET SPK

Client Sample ID: C_48_3.5_2

Lab Sample ID: 590-29655-10
Date Collected: 02/28/25 11:45
Matrix: Solid
Date Received: 02/28/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52697	03/05/25 10:25	M1M	EET SPK

Client Sample ID: C_48_3.5_2

Lab Sample ID: 590-29655-10
Date Collected: 02/28/25 11:45
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 92.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.33 g	2 mL	52703	03/05/25 11:25	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52704	03/05/25 19:56	NMI	EET SPK
Total/NA	Prep	3050B			1.37 g	50 mL	52674	03/04/25 10:33	AMB	EET SPK
Total/NA	Analysis	6010D		10			52694	03/04/25 19:59	AMB	EET SPK

Client Sample ID: C_50_3.5_1

Lab Sample ID: 590-29655-13
Date Collected: 02/28/25 12:00
Matrix: Solid
Date Received: 02/28/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52697	03/05/25 10:25	M1M	EET SPK

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 590-29655-1

Client Sample ID: C_50_3.5_1
Lab Sample ID: 590-29655-13
Date Collected: 02/28/25 12:00
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 94.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.63 g	2 mL	52703	03/05/25 11:25	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52704	03/05/25 20:18	NMI	EET SPK

Client Sample ID: C_50_3.5_2
Lab Sample ID: 590-29655-14
Date Collected: 02/28/25 12:05
Matrix: Solid
Date Received: 02/28/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52697	03/05/25 10:25	M1M	EET SPK

Client Sample ID: C_50_3.5_2
Lab Sample ID: 590-29655-14
Date Collected: 02/28/25 12:05
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 95.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.33 g	2 mL	52703	03/05/25 11:25	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52704	03/05/25 20:41	NMI	EET SPK

Client Sample ID: C_29_3.5_1
Lab Sample ID: 590-29655-17
Date Collected: 02/28/25 11:30
Matrix: Solid
Date Received: 02/28/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52697	03/05/25 10:25	M1M	EET SPK

Client Sample ID: C_29_3.5_1
Lab Sample ID: 590-29655-17
Date Collected: 02/28/25 11:30
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.12 g	2 mL	52703	03/05/25 11:25	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52704	03/05/25 21:03	NMI	EET SPK

Client Sample ID: C_29_3.5_2
Lab Sample ID: 590-29655-18
Date Collected: 02/28/25 11:35
Matrix: Solid
Date Received: 02/28/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52697	03/05/25 10:25	M1M	EET SPK

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 590-29655-1

Client Sample ID: C_29_3.5_2

Lab Sample ID: 590-29655-18
Date Collected: 02/28/25 11:35
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.54 g	2 mL	52703	03/05/25 11:25	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52704	03/05/25 21:25	NMI	EET SPK

Client Sample ID: CP_66_3.25_1

Lab Sample ID: 590-29655-21
Date Collected: 02/28/25 13:30
Matrix: Solid
Date Received: 02/28/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52697	03/05/25 10:25	M1M	EET SPK

Client Sample ID: CP_66_3.25_1

Lab Sample ID: 590-29655-21
Date Collected: 02/28/25 13:30
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.57 g	2 mL	52703	03/05/25 11:25	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52704	03/05/25 21:47	NMI	EET SPK

Client Sample ID: CP_66_3.25_2

Lab Sample ID: 590-29655-22
Date Collected: 02/28/25 13:35
Matrix: Solid
Date Received: 02/28/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52697	03/05/25 10:25	M1M	EET SPK

Client Sample ID: CP_66_3.25_2

Lab Sample ID: 590-29655-22
Date Collected: 02/28/25 13:35
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 93.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.97 g	2 mL	52703	03/05/25 11:25	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52704	03/05/25 22:09	NMI	EET SPK

Client Sample ID: CP_79_3.25_1

Lab Sample ID: 590-29655-25
Date Collected: 02/28/25 13:20
Matrix: Solid
Date Received: 02/28/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52697	03/05/25 10:25	M1M	EET SPK

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 590-29655-1

Client Sample ID: CP_79_3.25_1
Lab Sample ID: 590-29655-25
Date Collected: 02/28/25 13:20
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 90.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.51 g	2 mL	52703	03/05/25 11:25	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52704	03/05/25 22:31	NMI	EET SPK

Client Sample ID: CP_79_3.25_2
Lab Sample ID: 590-29655-26
Date Collected: 02/28/25 13:25
Matrix: Solid
Date Received: 02/28/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52697	03/05/25 10:25	M1M	EET SPK

Client Sample ID: CP_79_3.25_2
Lab Sample ID: 590-29655-26
Date Collected: 02/28/25 13:25
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.17 g	2 mL	52729	03/06/25 10:02	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52737	03/06/25 17:55	NMI	EET SPK

Client Sample ID: CP_80_3.25_1
Lab Sample ID: 590-29655-29
Date Collected: 02/28/25 14:25
Matrix: Solid
Date Received: 02/28/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52697	03/05/25 10:25	M1M	EET SPK

Client Sample ID: CP_80_3.25_1
Lab Sample ID: 590-29655-29
Date Collected: 02/28/25 14:25
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.16 g	2 mL	52729	03/06/25 10:02	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52737	03/06/25 18:17	NMI	EET SPK

Client Sample ID: CP_80_3.25_2
Lab Sample ID: 590-29655-30
Date Collected: 02/28/25 14:30
Matrix: Solid
Date Received: 02/28/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52697	03/05/25 10:25	M1M	EET SPK

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 590-29655-1

Client Sample ID: CP_80_3.25_2

Lab Sample ID: 590-29655-30
Date Collected: 02/28/25 14:30
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 93.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.14 g	2 mL	52729	03/06/25 10:02	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52737	03/06/25 18:39	NMI	EET SPK

Client Sample ID: C_41_3.5_1

Lab Sample ID: 590-29655-33
Date Collected: 02/28/25 13:45
Matrix: Solid
Date Received: 02/28/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52697	03/05/25 10:25	M1M	EET SPK

Client Sample ID: C_41_3.5_1

Lab Sample ID: 590-29655-33
Date Collected: 02/28/25 13:45
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.76 g	2 mL	52729	03/06/25 10:02	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52737	03/06/25 19:01	NMI	EET SPK

Client Sample ID: C_41_3.5_2

Lab Sample ID: 590-29655-34
Date Collected: 02/28/25 13:50
Matrix: Solid
Date Received: 02/28/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52697	03/05/25 10:25	M1M	EET SPK

Client Sample ID: C_41_3.5_2

Lab Sample ID: 590-29655-34
Date Collected: 02/28/25 13:50
Matrix: Solid
Date Received: 02/28/25 15:00
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.34 g	2 mL	52729	03/06/25 10:02	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52737	03/06/25 19:23	NMI	EET SPK

Laboratory References:

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

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 590-29655-1

Laboratory: Eurofins Spokane

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C569	01-06-26

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

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

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club

Job ID: 590-29655-1

Method	Method Description	Protocol	Laboratory
8270E SIM	Semivolatile Organic Compounds (GC/MS SIM)	SW846	EET SPK
6010D	Metals (ICP)	SW846	EET SPK
Moisture	Percent Moisture	EPA	EET SPK
3050B	Preparation, Metals	SW846	EET SPK
3550C	Ultrasonic Extraction	SW846	EET SPK

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

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

HALEY ALDRICH

Haley & Aldrich, Inc.
505 W Riverside Ave.
STE 450,
Spokane, WA 99201-0513

CHAIN OF CUSTODY RECORD

Phone (509) 960-7447
Fax (509) 960-7447
Page 1 of 4

H&A FILE NO.	0207349	LABORATORY	Eurofins Spokane	DELIVERY DATE	2/28/25
PROJECT NAME	CVSD Gun Club	ADDRESS		TURNAROUND TIME	10 Day
H&A CONTACT	Breeyn Greer	CONTACT	Randee Arrington	PROJECT MANAGER	Breeyn Greer

Sample No.	Date	Time	Depth	Type	Analysis Requested: cPAHs Proj Spec List	Pb, EPA 6010	HOLD	Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)
C_38_3.5_1	2/28/25	1150	3.5	SOIL	X			1	Laboratory to use applicable DEP CAM methods, unless otherwise directed.
C_38_3.5_2		1155			X			1	- cPAHs by Project Specific List
C_38_3.5_3		1200					X	1	- Hold (Pending further analysis)
C_38_3.5_4		1205					X	1	
C_39_3.5_1		1210			X			1	- cPAHs on 10-Day TAT
C_39_3.5_2		1215			X			1	
C_39_3.5_3		1220					X	1	- Metals on Standard TAT
C_39_3.5_4		1225					X	1	
C_48_3.5_1		11.40			X	X	LWP	1	
C_48_3.5_2		1145			X	X	LWP	1	4.4, 4.8 can route

Sampled and Relinquished by	Received by	LIQUID	Sampling Comments
Sign	Sign	VOA Vial	
Print Zack Castleberry	Print Macky Moris	Amber Glass	
Firm HA	Firm GFL SPK20	Plastic Bottle	
Date 2/28/25 Time 1600	Date 2/28/25 Time 1500	Preservative	
		Volume	

Relinquished by	Received by		
Sign	Sign	VOA Vial	
Print	Print	Amber Glass	
Firm	Firm	Clear Glass	
Date Time	Date Time	Preservative	Evidence samples were tampered with? YES NO
		Volume	If YES, please explain in section below

590-29655 Chain of Custody

Relinquished by	Received by
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time

PRESERVATION KEY

A Sample chilled	C NaOH	E H_2SO_4	G Methanol
B Sample filtered	D HNO_3	F HCL	H Water/NaHSO4 (circle)

Presumptive Certainty Data Package (Laboratory to use applicable DEP CAM methods)

If Presumptive Certainty Data Package is needed, initial all sections:

_____ The required minimum field QC samples, as designated in BWSC CAM-VII have been or will be collected, as appropriate, to meet the requirements of Presumptive Certainty.

_____ Matrix Spike (MS) samples for MCP Metals and/or Cyanide are included and identified herein.

_____ This Chain of Custody Record (specify) _____ includes _____ does not include samples defined as Drinking Water Samples.

_____ If this Chain of Custody Record identifies samples defined as Drinking Water Samples, Trip Blanks and Field Duplicates are included and identified and analysis of TICs are required, as a

Required Reporting Limits and Data Quality Objectives

☐ RC-S1 ☐ S1 ☐ GW1
☐ RC-S2 ☐ S2 ☐ GW2
☐ RC-GW1 ☐ S3 ☐ GW3
☐ RC-GW2

WHITE Laboratory CANARY Project Manager PINK Haley & Aldrich Laboratory

Form 3003 November 2024

HALEY ALDRICH

Haley & Aldrich, Inc
505 W Riverside Ave.,
STE 450,
Spokane, WA 99201-0513

CHAIN OF CUSTODY RECORD

Phone (509) 960-7447
Fax (509) 960-7447
Page 2 of 4

H&A FILE NO.	020349	LABORATORY	Eurofins Spokane	DELIVERY DATE	2/28/25
PROJECT NAME	CVSD Gun Club	ADDRESS		TURNAROUND TIME	10-Day
H&A CONTACT	Breeyn Greer	CONTACT	Radee Arrington	PROJECT MANAGER	Breeyn Greer

Sample No.	Date	Time	Depth	Type	cPAH Plus Spec List	Pb EPA 6020	Hold	Number of Containers
C_48_35_3	2/28/25	11 50	3 5	50.1			X	1
C_48_35_4		11 55					X	1
C_50 35_1		12 00			X			1
C_50 35_2		12 05			X			1
C_50_35_3		12 10					X	1
C_50_3.5_4		12 15					X	1
C29_3 5 1		11.30			X			1
C 29_3 5_2		11 35			X			1
C_29_3 5_3		11 40					X	1
C_29_3 5_4		11 45					X	1

Analysis Requested

Comments(special instructions, precautions, additional method numbers, etc.)

Laboratory to use applicable DEP CAM methods, unless otherwise directed.
- cPAHs by Pracet Spec List
- Hold (pending further analysis)
- cPAHs on 10-Day TAT
- metals on Standard TAT

4.4, 4.8 cor IRODLE

Sampled and Relinquished by	Received by
Sign	Sign
Print Zack Castillo da Silva	Print Lucky Mavis
Firm HA	Firm EFC SPK
Date 2/28/25 Time 1500	Date 2/28/25 Time 1600
Relinquished by	**Received by**
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time
Relinquished by	**Received by**
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time

LIQUID	SOLID
VOA Vial	VOA Vial
Amber Glass	Amber Glass
Plastic Bottle	Clear Glass
Preservative	Preservative
Volume	Volume

PRESERVATION KEY

A	Sample chilled	C	NaOH	E	H_2SO_4	G	Methanol
B	Sample filtered	D	HNO_3	F	HCL	H	Water/NaHSO4 (circle)

Sampling Comments

Evidence samples were tampered with? YES NO
If YES, please explain in section below.

Presumptive Certainty Data Package (Laboratory to use applicable DEP CAM methods)

If Presumptive Certainty Data Package is needed, initial all sections

_____ The required minimum field QC samples, as designated in BWSC CAM-VII have been or will be collected, as appropriate, to meet the requirements of Presumptive Certainty.
_____ Matrix Spike (MS) samples for MCP Metals and/or Cyanide are included and identified herein.
_____ This Chain of Custody Record (specify) _____ includes _____ does not include samples defined as Drinking Water Samples.
_____
_____ If this Chain of Custody Record identifies samples defined as Drinking Water Samples, Trip Blanks and Field Duplicates are included and identified and analysis of TICs are required, as a

Required Reporting Limits and Data Quality Objectives

☐ RC-S1 ☐ S1 ☐ GW1
☐ RC-S2 ☐ S2 ☐ GW2
☐ RC-GW1 ☐ S3 ☐ GW3
☐ RC-GW2

WHITE Laboratory CANARY Project Manager PINK Haley & Aldrich Laboratory

Form 3003 November 2024

3/11/2025

CHAIN OF CUSTODY RECORD

Haley & Aldrich, Inc.
505 W Riverside Ave.,
STE 450,
Spokane, WA 99201-0513

Phone (509) 960-7447
Fax (509) 960-7447

H&A FILE NO.	0202349	LABORATORY	Eurofins Spokane	DELIVERY DATE	2/28/25
PROJECT NAME	CVSD Gun Club	ADDRESS		TURNAROUND TIME	10-Day
H&A CONTACT	Breeyn Greer	CONTACT	Radee Arrington	PROJECT MANAGER	Breeyn Greer

Sample No.	Date	Time	Depth	Type	Analysis Requested: cPAHs Proj Spec List	Pb by EPA 6020	HOLD	Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)
CP_66-325_1	2/28/25	13 30	3.25	SO1	X				Laboratory to use applicable DEP CAM methods, unless otherwise directed.
CP_66-325_2		13 35			X				-cPAHs Project Specific List
CP_66-325_3		13 40					X		- Hold (Pending analytes)
CP_66-325_4		13 45					X		cPAHs on 10-Day TAT
CP_79-325_1		13 20			X				-Metals on Stadard TAT
CP_79-325_2		13 25			X				
CP_79-325_3		13 30					X		
CP_79-325_4		13 35					X		
CP_80-325_1		14 25			X				
CP_80-325_2		14 30			X				2/4/25 Cooler 1R002

Sampled and Relinquished by	Received by
Sign	Sign
Print Eduardo Castillo-Salinas	Print Macky Morris
Firm HA	Firm EA-Spokane
Date 2/28/25 Time	Date 2/28/25 Time 1500
Relinquished by	**Received by**
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time
Relinquished by	**Received by**
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time

LIQUID	SOLID
VOA Vial	VOA Vial
Amber Glass	Amber Glass
Plastic Bottle	Clear Glass
Preservative	Preservative
Volume	Volume

PRESERVATION KEY

A	Sample chilled	C	NaOH	E	H_2SO_4	G	Methanol
B	Sample filtered	D	HNO_3	F	HCL	H	Water/NaHSO4 (circle)

Sampling Comments

Evidence samples were tampered with? YES NO

If YES, please explain in section below.

Presumptive Certainty Data Package (Laboratory to use applicable DEP CAM methods)

If Presumptive Certainty Data Package is needed, initial all sections:

_____ The required minimum field QC samples, as designated in BWSC CAM-VII have been or will be collected, as appropriate, to meet the requirements of Presumptive Certainty.

_____ Matrix Spike (MS) samples for MCP Metals and/or Cyanide are included and identified herein.

_____ This Chain of Custody Record (specify) _____ includes _____ does not include samples defined as Drinking Water Samples.

_____ If this Chain of Custody Record identifies samples defined as Drinking Water Samples, Trip Blanks and Field Duplicates are included and identified and analysis of TICs are required, as a

Required Reporting Limits and Data Quality Objectives

☐ RC-S1 ☐ S1 ☐ GW1
☐ RC-S2 ☐ S2 ☐ GW2
☐ RC-GW1 ☐ S3 ☐ GW3
☐ RC-GW2

WHITE Laboratory CANARY Project Manager PINK Haley & Aldrich Laboratory

CHAIN OF CUSTODY RECORD

Haley & Aldrich, Inc.
505 W Riverside Ave.
STE 450,
Spokane, WA 99201-0513

Phone (509) 960-7447
Fax (509) 960-7447

H&A FILE NO. 0202349
PROJECT NAME CVSD Gun Club
H&A CONTACT Breeyn Greer

LABORATORY Eurofins Spokane
ADDRESS
CONTACT Randee Arrington

DELIVERY DATE 2/28/25
TURNAROUND TIME 10-Day
PROJECT MANAGER Breeyn Greer

Sample No.	Date	Time	Depth	Type	Analysis Requested: cPAHs Proj Spec List	Pb EPA 6020	Hold	Number of Containers
CP-80-325-3	2/28/25	1435	3.25	SOIL			X	1
CP-80-325-4		1440	3.25				X	1
C-41-35-1		1345			X			1
C-41-35-2		1350			X			1
C-41-35-3		1355					X	1
C-41-35-4		1400					X	1

Comments(special instructions, precautions, additional method numbers, etc.)

Laboratory to use applicable DEP CAM methods, unless otherwise directed.
- cPAHs by Project Specific List
- Hold (Pending analysis)
- cPAHs on 10-Day TAT
- Metals on Stadard TAT

4/4 4.8 COR IR006

Sampled and Relinquished by	Received by
Sign	Sign
Print Zack Castillo de Sisa	Print Macky Manic
Firm H.A	Firm BEC820
Date 2/28/25 Time 1500	Date 2/28/25 Time 1500
Relinquished by	**Received by**
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time
Relinquished by	**Received by**
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time

LIQUID	SOLID
VOA Vial	VOA Vial
Amber Glass	Amber Glass
Plastic Bottle	Clear Glass
Preservative	Preservative
Volume	Volume

Sampling Comments

Evidence samples were tampered with? YES NO
If YES, please explain in section below.

PRESERVATION KEY

A Sample chilled	C NaOH	E H_2SO_4	G Methanol
B Sample filtered	D HNO_3	F HCL	H Water/NaHSO4 (circle)

Presumptive Certainty Data Package (Laboratory to use applicable DEP CAM methods)

If Presumptive Certainty Data Package is needed, initial all sections:

_____ The required minimum field QC samples, as designated in BWSC CAM-VII have been or will be collected, as appropriate, to meet the requirements of Presumptive Certainty

_____ Matrix Spike (MS) samples for MCP Metals and/or Cyanide are included and identified herein.

_____ This Chain of Custody Record (specify) _____ includes _____ does not include samples defined as Drinking Water Samples.

_____ If this Chain of Custody Record identifies samples defined as Drinking Water Samples, Trip Blanks and Field Duplicates are included and identified and analysis of TICs are required, as a

Required Reporting Limits and Data Quality Objectives

☐ RC-S1 ☐ S1 ☐ GW1
☐ RC-S2 ☐ S2 ☐ GW2
☐ RC-GW1 ☐ S3 ☐ GW3
☐ RC-GW2

WHITE Laboratory CANARY Project Manager PINK Haley & Aldrich Laboratory

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 590-29655-1

Login Number: 29655
List Number: 1
Creator: Desimone, Carson

List Source: Eurofins Spokane

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

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Breeyn Greer
Haley & Aldrich, Inc.
505 W Riverside Ave
Suite 450
Spokane, Washington 99201

Generated 3/12/2025 4:13:10 PM

JOB DESCRIPTION

CVSD Gun Club/0202349-002

JOB NUMBER

590-29779-1

Eurofins Spokane
11922 East 1st Ave
Spokane WA 99206

See page two for job notes and contact information.

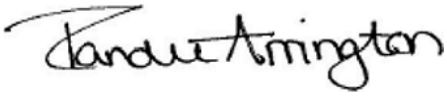
my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

Authorization



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3/12/2025 4:13:10 PM

Authorized for release by
Randee Arrington, Business Unit Manager
Randee.Arrington@et.eurofinsus.com
(509)924-9200

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QC Sample Results 10
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Certification Summary 15
Method Summary 16
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Receipt Checklists 18

Job ID: 590-29779-1 Eurofins Spokane

Job Narrative
590-29779-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 3/10/2025 4:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 15.0°C.

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

GC/MS Semi VOA
Method 8270E_SIM: Surrogate recovery for the following sample was outside control limits: UST_BN_30 (590-29779-5). Evidence of matrix interference due to high target analytes is present; therefore, re-extraction and/or re-analysis was not performed.

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

Hydrocarbons
Method NWTPH_Dx: Surrogate recovery for the following sample was outside control limits: UST_BN_30 (590-29779-5). Evidence of matrix interference due to high target analytes is present; therefore, re-extraction and/or re-analysis was not performed.

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

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

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: CVSD Gun Club/0202349-002

Job ID: 590-29779-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
590-29779-1	UST_SWE_15	Solid	03/10/25 15:30	03/10/25 16:45
590-29779-2	UST_SWN_15	Solid	03/10/25 15:15	03/10/25 16:45
590-29779-3	UST_SWS_15	Solid	03/10/25 15:25	03/10/25 16:45
590-29779-4	UST_SWW_15	Solid	03/10/25 15:00	03/10/25 16:45
590-29779-5	UST_BN_30	Solid	03/10/25 16:00	03/10/25 16:45

Client: Haley & Aldrich, Inc.
Job ID: 590-29779-1
Project/Site: CVSD Gun Club/0202349-002

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

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

Client Sample ID: UST_SWE_15

Lab Sample ID: 590-29779-1
Date Collected: 03/10/25 15:30
Matrix: Solid
Date Received: 03/10/25 16:45
Percent Solids: 95.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		7.0		mg/Kg	☼	03/11/25 10:14	03/11/25 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*41.5 - 162*	*03/11/25 10:14*	*03/11/25 13:38*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg	☼	03/12/25 09:04	03/12/25 12:42	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	03/12/25 09:04	03/12/25 12:42	1
1-Methylnaphthalene	ND		10		ug/Kg	☼	03/12/25 09:04	03/12/25 12:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*74*		*32 - 120*	*03/12/25 09:04*	*03/12/25 12:42*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		10		mg/Kg	☼	03/11/25 12:37	03/12/25 04:26	1
Residual Range Organics (RRO) (C25-C36)	ND		26		mg/Kg	☼	03/11/25 12:37	03/12/25 04:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*87*		*50 - 150*	*03/11/25 12:37*	*03/12/25 04:26*	*1*
n-Triacontane-d62	*68*		*50 - 150*	*03/11/25 12:37*	*03/12/25 04:26*	*1*

Client Sample ID: UST_SWN_15

Lab Sample ID: 590-29779-2
Date Collected: 03/10/25 15:15
Matrix: Solid
Date Received: 03/10/25 16:45
Percent Solids: 95.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		3.3		mg/Kg	☼	03/11/25 10:14	03/11/25 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*41.5 - 162*	*03/11/25 10:14*	*03/11/25 13:59*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg	☼	03/12/25 09:04	03/12/25 13:49	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	03/12/25 09:04	03/12/25 13:49	1
1-Methylnaphthalene	ND		10		ug/Kg	☼	03/12/25 09:04	03/12/25 13:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*77*		*32 - 120*	*03/12/25 09:04*	*03/12/25 13:49*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		9.9		mg/Kg	☼	03/11/25 12:37	03/12/25 05:29	1
Residual Range Organics (RRO) (C25-C36)	ND		25		mg/Kg	☼	03/11/25 12:37	03/12/25 05:29	1

Client Sample ID: UST_SWN_15
Lab Sample ID: 590-29779-2
Date Collected: 03/10/25 15:15
Matrix: Solid
Date Received: 03/10/25 16:45
Percent Solids: 95.6

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	*86*		*50 - 150*	*03/11/25 12:37*	*03/12/25 05:29*	*1*
n-Triacontane-d62	*68*		*50 - 150*	*03/11/25 12:37*	*03/12/25 05:29*	*1*

Client Sample ID: UST_SWS_15
Lab Sample ID: 590-29779-3
Date Collected: 03/10/25 15:25
Matrix: Solid
Date Received: 03/10/25 16:45
Percent Solids: 94.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		6.4		mg/Kg	☼	03/11/25 10:14	03/11/25 14:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*98*		*41.5 - 162*	*03/11/25 10:14*	*03/11/25 14:21*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg	☼	03/12/25 09:04	03/12/25 14:11	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	03/12/25 09:04	03/12/25 14:11	1
1-Methylnaphthalene	ND		10		ug/Kg	☼	03/12/25 09:04	03/12/25 14:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	*89*		*32 - 120*	*03/12/25 09:04*	*03/12/25 14:11*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		11		mg/Kg	☼	03/11/25 12:37	03/12/25 05:50	1
Residual Range Organics (RRO) (C25-C36)	ND		26		mg/Kg	☼	03/11/25 12:37	03/12/25 05:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	*86*		*50 - 150*	*03/11/25 12:37*	*03/12/25 05:50*	*1*
n-Triacontane-d62	*68*		*50 - 150*	*03/11/25 12:37*	*03/12/25 05:50*	*1*

Client Sample ID: UST_SWW_15
Lab Sample ID: 590-29779-4
Date Collected: 03/10/25 15:00
Matrix: Solid
Date Received: 03/10/25 16:45
Percent Solids: 95.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		7.1		mg/Kg	☼	03/11/25 10:14	03/11/25 14:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*106*		*41.5 - 162*	*03/11/25 10:14*	*03/11/25 14:42*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg	☼	03/12/25 09:04	03/12/25 14:33	1
2-Methylnaphthalene	ND		10		ug/Kg	☼	03/12/25 09:04	03/12/25 14:33	1
1-Methylnaphthalene	ND		10		ug/Kg	☼	03/12/25 09:04	03/12/25 14:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	*80*		*32 - 120*	*03/12/25 09:04*	*03/12/25 14:33*	*1*

Client Sample ID: UST_SWW_15

Lab Sample ID: 590-29779-4
Date Collected: 03/10/25 15:00
Matrix: Solid
Date Received: 03/10/25 16:45
Percent Solids: 95.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		10		mg/Kg	☼	03/11/25 12:37	03/12/25 06:11	1
Residual Range Organics (RRO) (C25-C36)	ND		26		mg/Kg	☼	03/11/25 12:37	03/12/25 06:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*89*		*50 - 150*	*03/11/25 12:37*	*03/12/25 06:11*	*1*
n-Triacontane-d62	*71*		*50 - 150*	*03/11/25 12:37*	*03/12/25 06:11*	*1*

Client Sample ID: UST_BN_30

Lab Sample ID: 590-29779-5
Date Collected: 03/10/25 16:00
Matrix: Solid
Date Received: 03/10/25 16:45
Percent Solids: 94.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	**400**		8.0		mg/Kg	☼	03/11/25 10:14	03/11/25 15:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*41.5 - 162*	*03/11/25 10:14*	*03/11/25 15:04*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**340**		10		ug/Kg	☼	03/12/25 09:04	03/12/25 14:55	1
2-Methylnaphthalene	**2300**		10		ug/Kg	☼	03/12/25 09:04	03/12/25 14:55	1
1-Methylnaphthalene	**1200**		10		ug/Kg	☼	03/12/25 09:04	03/12/25 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*127*	*S1+*	*32 - 120*	*03/12/25 09:04*	*03/12/25 14:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	**2200**		11		mg/Kg	☼	03/11/25 12:37	03/12/25 06:31	1
Residual Range Organics (RRO) (C25-C36)	ND		26		mg/Kg	☼	03/11/25 12:37	03/12/25 06:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*473*	*S1+*	*50 - 150*	*03/11/25 12:37*	*03/12/25 06:31*	*1*
n-Triacontane-d62	*94*		*50 - 150*	*03/11/25 12:37*	*03/12/25 06:31*	*1*

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

Lab Sample ID: MB 590-52795/1-A
Matrix: Solid
Analysis Batch: 52798

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 52795

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		5.0		mg/Kg		03/11/25 10:14	03/11/25 12:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*41.5 - 162*	*03/11/25 10:14*	*03/11/25 12:16*	*1*

Lab Sample ID: LCS 590-52795/3-A
Matrix: Solid
Analysis Batch: 52798

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 52795

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline			50.0	54.4		mg/Kg		109	74.4 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*41.5 - 162*

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

Lab Sample ID: MB 590-52814/1-A
Matrix: Solid
Analysis Batch: 52819

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 52814

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg		03/12/25 09:04	03/12/25 11:58	1
2-Methylnaphthalene	ND		10		ug/Kg		03/12/25 09:04	03/12/25 11:58	1
1-Methylnaphthalene	ND		10		ug/Kg		03/12/25 09:04	03/12/25 11:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*78*		*32 - 120*	*03/12/25 09:04*	*03/12/25 11:58*	*1*

Lab Sample ID: LCS 590-52814/2-A
Matrix: Solid
Analysis Batch: 52819

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 52814

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Naphthalene			267	199		ug/Kg		75	37 - 120		
2-Methylnaphthalene			267	203		ug/Kg		76	45 - 120		
1-Methylnaphthalene			267	205		ug/Kg		77	44 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*78*		*32 - 120*

Lab Sample ID: 590-29779-1 MS
Matrix: Solid
Analysis Batch: 52819

Client Sample ID: UST_SWE_15
Prep Type: Total/NA
Prep Batch: 52814

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Naphthalene	ND		269	174		ug/Kg	☼	65	37 - 120		
2-Methylnaphthalene	ND		269	184		ug/Kg	☼	68	45 - 120		

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

Lab Sample ID: 590-29779-1 MS
Matrix: Solid
Analysis Batch: 52819

Client Sample ID: UST_SWE_15
Prep Type: Total/NA
Prep Batch: 52814

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	ND		269	185		ug/Kg	☼	69	44 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Nitrobenzene-d5	*65*		*32 - 120*

Lab Sample ID: 590-29779-1 MSD
Matrix: Solid
Analysis Batch: 52819

Client Sample ID: UST_SWE_15
Prep Type: Total/NA
Prep Batch: 52814

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Naphthalene	ND		268	177		ug/Kg	☼	66	37 - 120	2	35
2-Methylnaphthalene	ND		268	189		ug/Kg	☼	71	45 - 120	3	29
1-Methylnaphthalene	ND		268	191		ug/Kg	☼	71	44 - 120	3	28

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Nitrobenzene-d5	*66*		*32 - 120*

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

Lab Sample ID: MB 590-52804/1-A
Matrix: Solid
Analysis Batch: 52794

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 52804

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		10		mg/Kg		03/11/25 12:37	03/12/25 01:18	1
Residual Range Organics (RRO) (C25-C36)	ND		25		mg/Kg		03/11/25 12:37	03/12/25 01:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*92*		*50 - 150*	*03/11/25 12:37*	*03/12/25 01:18*	*1*
n-Triacontane-d62	*79*		*50 - 150*	*03/11/25 12:37*	*03/12/25 01:18*	*1*

Lab Sample ID: LCS 590-52804/2-A
Matrix: Solid
Analysis Batch: 52794

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 52804

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (DRO) (C10-C25)	66.7	69.0		mg/Kg		104	50 - 150
Residual Range Organics (RRO) (C25-C36)	66.7	70.3		mg/Kg		105	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*92*		*50 - 150*
n-Triacontane-d62	*98*		*50 - 150*

Client Sample ID: UST_SWE_15
Lab Sample ID: 590-29779-1

Date Collected: 03/10/25 15:30
Matrix: Solid
Date Received: 03/10/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52811	03/11/25 17:25	M1M	EET SPK

Client Sample ID: UST_SWE_15
Lab Sample ID: 590-29779-1

Date Collected: 03/10/25 15:30
Matrix: Solid
Date Received: 03/10/25 16:45
Percent Solids: 95.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.733 g	10 mL	52795	03/11/25 10:14	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	52798	03/11/25 13:38	JSP	EET SPK
Total/NA	Prep	3550C			15.22 g	2 mL	52814	03/12/25 09:04	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52819	03/12/25 12:42	NMI	EET SPK
Total/NA	Prep	3550C			15.42 g	5 mL	52804	03/11/25 12:37	M1M	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	52794	03/12/25 04:26	NMI	EET SPK

Client Sample ID: UST_SWN_15
Lab Sample ID: 590-29779-2

Date Collected: 03/10/25 15:15
Matrix: Solid
Date Received: 03/10/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52811	03/11/25 17:25	M1M	EET SPK

Client Sample ID: UST_SWN_15
Lab Sample ID: 590-29779-2

Date Collected: 03/10/25 15:15
Matrix: Solid
Date Received: 03/10/25 16:45
Percent Solids: 95.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			16.789 g	10 mL	52795	03/11/25 10:14	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	52798	03/11/25 13:59	JSP	EET SPK
Total/NA	Prep	3550C			15.05 g	2 mL	52814	03/12/25 09:04	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52819	03/12/25 13:49	NMI	EET SPK
Total/NA	Prep	3550C			15.92 g	5 mL	52804	03/11/25 12:37	M1M	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	52794	03/12/25 05:29	NMI	EET SPK

Client Sample ID: UST_SWS_15
Lab Sample ID: 590-29779-3

Date Collected: 03/10/25 15:25
Matrix: Solid
Date Received: 03/10/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52811	03/11/25 17:25	M1M	EET SPK

Client Sample ID: UST_SWS_15
Lab Sample ID: 590-29779-3

Date Collected: 03/10/25 15:25
Matrix: Solid
Date Received: 03/10/25 16:45
Percent Solids: 94.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8.629 g	10 mL	52795	03/11/25 10:14	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	52798	03/11/25 14:21	JSP	EET SPK
Total/NA	Prep	3550C			15.59 g	2 mL	52814	03/12/25 09:04	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52819	03/12/25 14:11	NMI	EET SPK
Total/NA	Prep	3550C			15.08 g	5 mL	52804	03/11/25 12:37	M1M	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	52794	03/12/25 05:50	NMI	EET SPK

Client Sample ID: UST_SWW_15
Lab Sample ID: 590-29779-4

Date Collected: 03/10/25 15:00
Matrix: Solid
Date Received: 03/10/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52811	03/11/25 17:25	M1M	EET SPK

Client Sample ID: UST_SWW_15
Lab Sample ID: 590-29779-4

Date Collected: 03/10/25 15:00
Matrix: Solid
Date Received: 03/10/25 16:45
Percent Solids: 95.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.568 g	10 mL	52795	03/11/25 10:14	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	52798	03/11/25 14:42	JSP	EET SPK
Total/NA	Prep	3550C			15.14 g	2 mL	52814	03/12/25 09:04	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52819	03/12/25 14:33	NMI	EET SPK
Total/NA	Prep	3550C			15.03 g	5 mL	52804	03/11/25 12:37	M1M	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	52794	03/12/25 06:11	NMI	EET SPK

Client Sample ID: UST_BN_30
Lab Sample ID: 590-29779-5

Date Collected: 03/10/25 16:00
Matrix: Solid
Date Received: 03/10/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52811	03/11/25 17:25	M1M	EET SPK

Client Sample ID: UST_BN_30
Lab Sample ID: 590-29779-5

Date Collected: 03/10/25 16:00
Matrix: Solid
Date Received: 03/10/25 16:45
Percent Solids: 94.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.933 g	10 mL	52795	03/11/25 10:14	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	52798	03/11/25 15:04	JSP	EET SPK
Total/NA	Prep	3550C			15.82 g	2 mL	52814	03/12/25 09:04	M1M	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52819	03/12/25 14:55	NMI	EET SPK
Total/NA	Prep	3550C			15.16 g	5 mL	52804	03/11/25 12:37	M1M	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	52794	03/12/25 06:31	NMI	EET SPK

Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 590-29779-1
Project/Site: CVSD Gun Club/0202349-002

Laboratory References:

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

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Job ID: 590-29779-1
Project/Site: CVSD Gun Club/0202349-002

Laboratory: Eurofins Spokane

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C569	01-06-26

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

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

Method Summary

Client: Haley & Aldrich, Inc.
Job ID: 590-29779-1
Project/Site: CVSD Gun Club/0202349-002

Method	Method Description	Protocol	Laboratory
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC/MS)	NWTPH	EET SPK
8270E SIM	Semivolatile Organic Compounds (GC/MS SIM)	SW846	EET SPK
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	EET SPK
Moisture	Percent Moisture	EPA	EET SPK
3550C	Ultrasonic Extraction	SW846	EET SPK
5035	Closed System Purge and Trap	SW846	EET SPK

Protocol References:

EPA = US Environmental Protection Agency

NWTPH = Northwest Total Petroleum Hydrocarbon

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

Laboratory References:

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

CHAIN OF CUSTODY RECORD

HALEY ALDRICH

Haley & Aldrich, Inc.
505 W Riverside,
Suite 450,
Spokane WA, 99201

Phone (617) 886-7400
Fax (617) 886-7600
Page 1 of 1

H&A FILE NO.	0202349-002	LABORATORY	Eurofins	DELIVERY DATE	3 10 25
PROJECT NAME	CUSD Gun Club	ADDRESS		TURNAROUND TIME	ASAP
H&A CONTACT	Breeyn Career	CONTACT		PROJECT MANAGER	Breeyn Career

Sample No.	Date	Time	Depth	Type	Analysis Requested: NWTPHDX	NWTPH-Gx	EPA 8270 PAHs SIM										Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)
UST_SWE_15	3-10-25	15:30	15	Soil	X	X	X										3	Laboratory to use applicable DEP CAM methods, unless otherwise directed. Naphthalenes only
UST_SWN_15	3-10-25	15:15			X	X	X											
UST_SWS_15		15:25			X	X	X											
UST_SWW_15		15:00			X	X	X											
UST_BW_15		16:00			X	X	X	LL										
UST_BW_30	3-10-25	16.00	30		X	X	X											

14.6, 150 torr IR006

Sampled and Relinquished by	Received by
Sign	Sign
Print Cameron McKay	Print Carson Desmore
Firm HA	Firm ETSPO
Date 3-10-25 Time 16:45	Date 3/10/25 Time 16:45
Relinquished by	**Received by**
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time
Relinquished by	**Received by**
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time

LIQUID	SOLID
VOA Vial	VOA Vial
Amber Glass	Amber Glass
Plastic Bottle	Clear Glass
Preservative	Preservative
Volume	Volume

PRESERVATION KEY

A Sample chilled	C NaOH	E H_2SO_4	G Methanol
B Sample filtered	D HNO_3	F HCL	H Water/NaHSO4 (circle)

Sampling Comments

590-29779 Chain of Custody

Evidence samples were tampered with? YES NO
If YES, please explain in section below.

Presumptive Certainty Data Package (Laboratory to use applicable DEP CAM methods)

If Presumptive Certainty Data Package is needed, initial all sections:

_____ The required minimum field QC samples, as designated in BWSC CAM-VII have been or will be collected, as appropriate, to meet the requirements of Presumptive Certainty.

_____ Matrix Spike (MS) samples for MCP Metals and/or Cyanide are included and identified herein.

_____ This Chain of Custody Record (specify) _____ includes _____ does not include samples defined as Drinking Water Samples.

_____ If this Chain of Custody Record identifies samples defined as Drinking Water Samples, Trip Blanks and Field Duplicates are included and identified and analysis of TICs are required, as appropriate. Laboratory should (specify if applicable) _____ analyze

Required Reporting Limits and Data Quality Objectives

☐ RC-S1 ☐ S1 ☐ GW1
☐ RC-S2 ☐ S2 ☐ GW2
☐ RC-GW1 ☐ S3 ☐ GW3
☐ RC-GW2

WHITE Laboratory CANARY Project Manager PINK Haley & Aldrich Laboratory

FEBRUARY 2016

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 590-29779-1

Login Number: 29779

List Source: Eurofins Spokane

List Number: 1

Creator: Desimone, Carson

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