



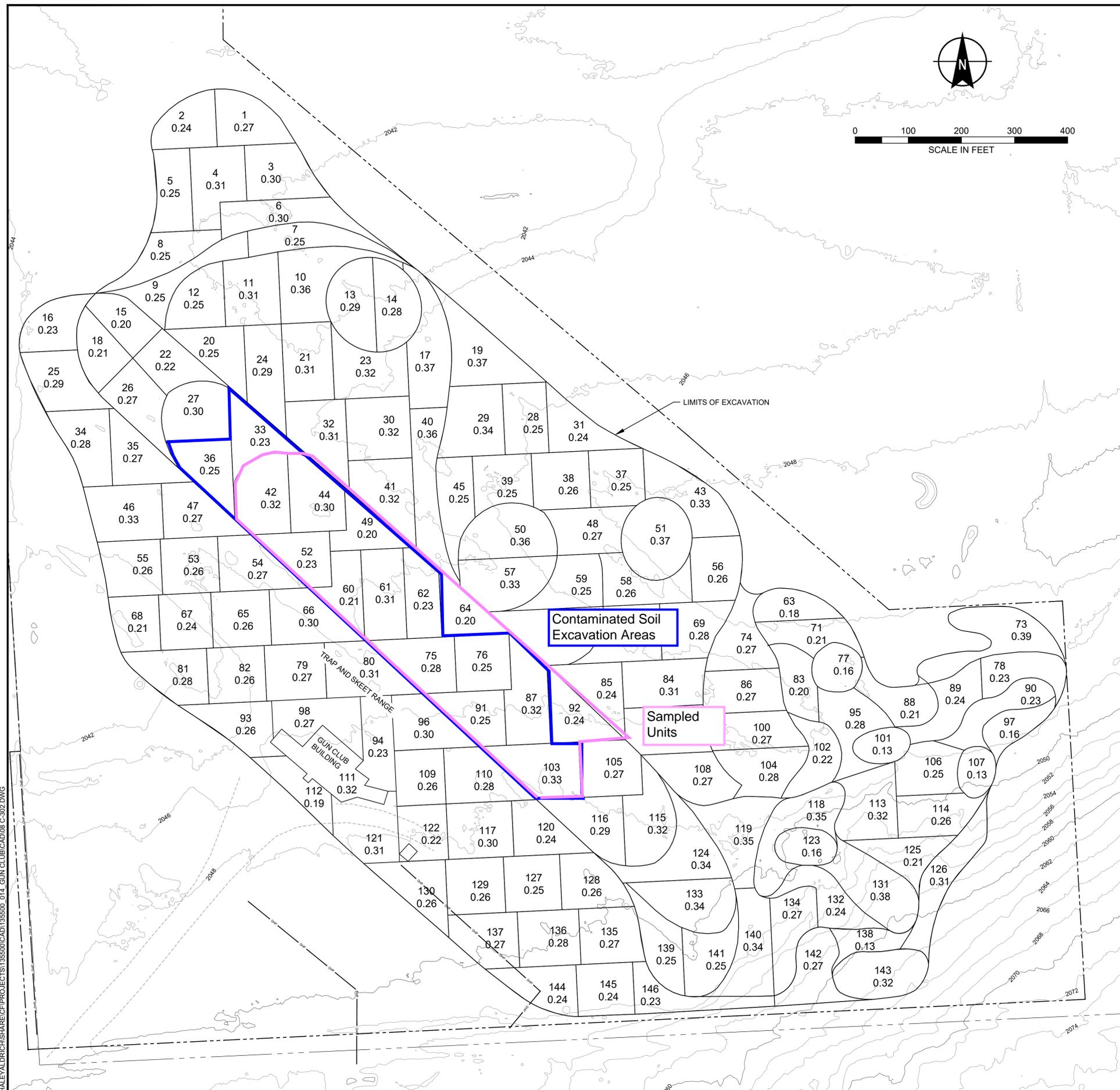
**NOTES**

1. CONTRACTOR IS RESPONSIBLE FOR SURVEYING AND DELINEATING THE LIMITS OF THE SAMPLE UNITS SHOWN, AS NECESSARY TO COMPLETE THE WORK.
2. CONTRACTOR SHALL NOT BACKFILL WITHIN THE LIMITS OF ANY INDIVIDUAL SAMPLING UNTIL RECEIVING APPROVAL BY THE ENGINEER.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR CONFIRMATION SAMPLING AT LEAST 2 WORKING DAYS IN ADVANCE FOR EACH SAMPLING UNIT.
4. ALLOW UP TO 5 DAYS FOR THE ENGINEER TO COLLECT CONFIRMATION SAMPLES FOLLOWING IMPACTED SOIL EXCAVATION AND 10 TO 15 DAYS FOR ANALYTICAL RESULTS. CONFIRMATION SAMPLING RESULTS ARE EXPECTED TO TAKE BETWEEN 10 AND 15 DAYS, POSSIBLY LONGER. THE EXACT NUMBER OF DAYS REQUIRED WILL NOT BE KNOWN UNTIL THE FIRST SAMPLES ARE PROCESSED AND COULD VARY BETWEEN SAMPLING UNITS DEPENDING ON SHIPPING AND MOISTURE CONTENT. THE CONTRACTOR SHALL PLAN THE WORK ACCORDINGLY.
5. ONCE A SAMPLING UNIT IS DESIGNATED FOR CONFIRMATION SAMPLING IMPACTED SOILS SHALL NO LONGER BE TRANSPORTED THROUGH THAT SAMPLING UNIT.
6. CLEAN BACKFILL FROM THE REPOSITORY CAN BE STOCKPILED ADJACENT TO SAMPLING UNITS OUTSIDE THE LIMITS OF EXCAVATION IN LOCATIONS APPROVED BY THE ENGINEER.

**LEGEND**

- 73 SAMPLE UNIT ID
- 0.39 AREA (ACRES)

UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)
1	0.27	59	0.25	117	0.30
2	0.24	60	0.21	118	0.35
3	0.30	61	0.31	119	0.35
4	0.31	62	0.23	120	0.24
5	0.25	63	0.18	121	0.31
6	0.30	64	0.20	122	0.22
7	0.25	65	0.26	123	0.16
8	0.25	66	0.30	124	0.34
9	0.25	67	0.24	125	0.21
10	0.36	68	0.21	126	0.31
11	0.31	69	0.28	127	0.25
12	0.25	70	0.36	128	0.26
13	0.29	71	0.21	129	0.26
14	0.28	72	0.30	130	0.26
15	0.20	73	0.39	131	0.38
16	0.23	74	0.27	132	0.24
17	0.37	75	0.28	133	0.34
18	0.21	76	0.25	134	0.27
19	0.37	77	0.16	135	0.27
20	0.25	78	0.23	136	0.28
21	0.31	79	0.27	137	0.27
22	0.22	80	0.31	138	0.13
23	0.32	81	0.28	139	0.25
24	0.29	82	0.26	140	0.34
25	0.29	83	0.20	141	0.25
26	0.27	84	0.31	142	0.27
27	0.30	85	0.24	143	0.32
28	0.25	86	0.27	144	0.24
29	0.34	87	0.32	145	0.24
30	0.32	88	0.21	146	0.23
31	0.24	89	0.24	TOTAL	39.42
32	0.31	90	0.23		
33	0.23	91	0.25		
34	0.28	92	0.24		
35	0.27	93	0.26		
36	0.25	94	0.23		
37	0.25	95	0.28		
38	0.26	96	0.30		
39	0.25	97	0.16		
40	0.36	98	0.27		
41	0.32	99	0.30		
42	0.32	100	0.27		
43	0.33	101	0.13		
44	0.30	102	0.22		
45	0.25	103	0.33		
46	0.33	104	0.28		
47	0.27	105	0.27		
48	0.27	106	0.25		
49	0.20	107	0.13		
50	0.36	108	0.27		
51	0.37	109	0.26		
52	0.23	110	0.28		
53	0.26	111	0.32		
54	0.27	112	0.19		
55	0.26	113	0.32		
56	0.26	114	0.26		
57	0.33	115	0.32		
58	0.26	116	0.29		



Contaminated Soil Excavation Areas

Sampled Units

TRAP AND SHEET RANGE

GUN CLUB BUILDING

Saved by: MCCANNELL  
 Date: 10/24/2023 9:59 AM  
 Sheet: 07 of 21  
 Project: 10155000 CAD133206\_014\_GUN CLUB CLEANUP C-302.DWG

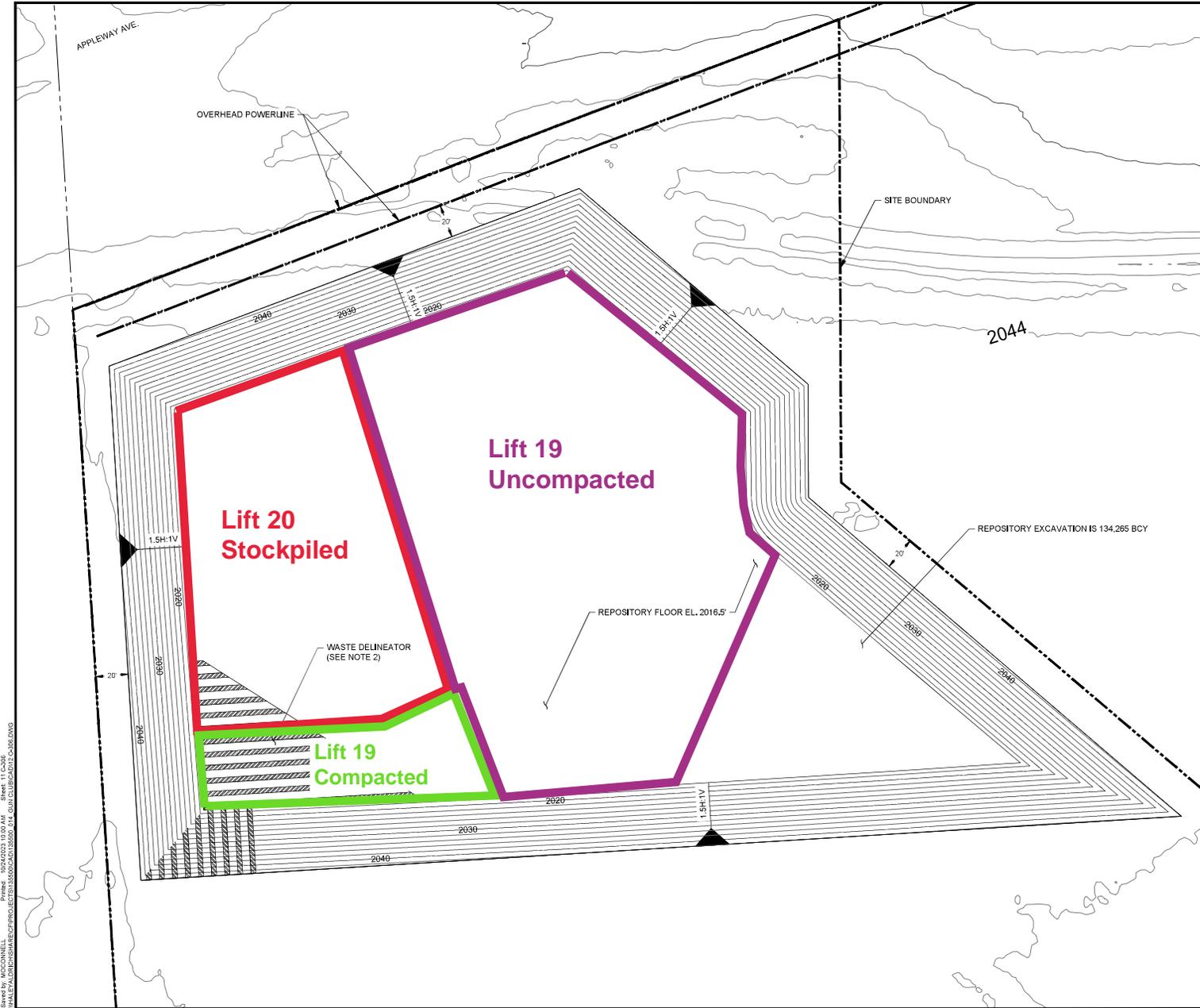
Project No.:	202349-001
Scale:	SHOWN
Date:	10/17/2023
Drawn By:	ZS/MO
Designed By:	BD
Checked By:	KH
Approved By:	JH/KH
Stamp:	

1	ISSUED FOR ECOLOGY	BD	05/18/23
0	ISSUED FOR BID	BD	10/18/23
Rev.	Description	By	Date

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE. #9656  
SPOKANE VALLEY,  
WASHINGTON

**CONFIRMATION SAMPLING PLAN**

**C-302**



**NOTES**

- PRIOR TO EXCAVATION TOPSOIL SHALL BE STRIPPED AND STOCKPILED.
- A VISUAL REFERENCE FOR THE DELINEATION BETWEEN NATIVE SOIL AND MATERIAL PLACED IN THE REPOSITORY IS REQUIRED. REFERRED TO HEREIN AS A WASTE DELINEATOR.
- ORANGE SILT FENCE IN ROLLS 5 FEET WIDE (OR AND APPROVED EQUAL) IS REQUIRED TO BE PLACED 8 FEET O.C. WITH A SPACING BETWEEN THE FABRIC OF 5 FEET IN THE BOTTOM AND ALONG THE CUT SLOPES OF THE REPOSITORY AS A WASTE DELINEATOR.
- THE ORIENTATION OF THE WASTE DELINEATOR CAN VARY ACROSS THE BOTTOM OF THE REPOSITORY EXCAVATION AS APPROVED BY THE ENGINEER.
- IMPACTED SOILS SHALL BE PLACED IN THE REPOSITORY IN HORIZONTAL LIFTS NOT TO EXCEED 1.5 FEET IN TOTAL THICKNESS AND COMPACTED TO AT LEAST 90% PER MODIFIED PROCTOR ASTM D 1557/ASTM TO 1.180.
- CONCRETE AND OTHER DEMOLITION DEBRIS APPROVED BY THE ENGINEER SHALL BE PLACED 10 OR MORE FEET BELOW THE LINER.
- CONTRACTOR SHALL STOCKPILE BOULDERS WITH GREATEST DIMENSIONS LARGER THAN 24 INCHES IN THE STOCKPILE LOCATION SHOWN ON SHEET C-301 OR AS APPROVED BY THE ENGINEER.
- WHEN PLACING BOULDERS OR COBBLES DO NOT NEST THEM SUCH THAT VOIDS ARE CREATED. BOULDERS AND COBBLES SHALL BE SPREAD OUT UNIFORMLY SO SOIL FILLS AROUND THEM.
- PLACEMENT OF OVERSEED MATERIALS (12 - 24 INCHES) SHALL ALLOW COMPACTION EQUIPMENT TO COMPACT AROUND THE SIDES WITHOUT BEING IN CONTACT WITH NEARBY OVERSIZE MATERIAL THAT PRECLUDES UNIFORM COMPACTION.
- CONCRETE BROKEN INTO PIECES 12 TO 24 INCHES SHALL BE TREATED THE SAME AS OVERSIZE MATERIAL.
- CONCRETE SLABS CAN BE INCORPORATED INTO FILL WITHOUT PROCESSING IF THEY ARE PLACED ON A LEVEL SURFACE (E.G. NOT DUMPED), SUCH THAT THEY ARE FIRMLY SEATED AND BACKFILLED WITH SAND AND GRAVEL. CONCRETE SLABS SHALL NOT BE STACKED NESTED OR OTHERWISE PLACED SUCH THAT VOIDS ARE CREATED.
- CONTRACTOR SHALL PROVIDE AN EXCAVATION PLAN WHICH INCLUDES BOTH THE REPOSITORY EXCAVATION AND BACKFILLING AND THE EXCAVATION OF IMPACTED SOILS.



HALEY & ALDRICH  
505 W. RIVERSIDE AVE, SUITE 205  
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Project No.	202349-001
Scale	SHOWN
Date	10/17/2023
Drawn By	ZSM/CT
Designed By	BD
Checked By	KH
Approved By	JHK/KC
Stamp	



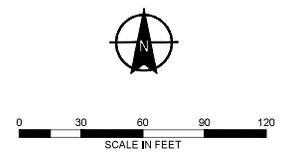
1	ISSUED FOR ECOLOGY	BD	05/16/23
0	ISSUED FOR BE	BD	10/16/23
Rev.	Description	By	Date

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE, #9656  
SPOKANE VALLEY,  
WASHINGTON

REPOSITORY  
SUBGRADE  
EXCAVATION PLAN

**C-306**

Sheet 11 of 21





<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	60
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	10 February 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 2
<b>Contractor</b>	Halme Construction, Inc.	<b>File No.</b>	0202349-002
<b>Weather</b>	Sunny	<b>Temperature</b>	2-25°F

**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: Halme began over excavating the northwestern portion of the 7-foot cut at approximately Sampling Unit 26. This material was transported directly into the repository.
- b. Confirmation Sampling: Confirmation samples collected today.

Table 1. Confirmation Sampling Information				
Sample Name	Date Sampled	Time Sampled	Analysis	Lab
C_26_5_1	02-10-2025	13:15	CPAHs, Pb, As	Eurofins
C_26_5_2	02-10-2025	13:15	CPAHs, Pb, As	Eurofins
C_26_5_3	02-10-2025	13:15	CPAHs, Pb, As	Eurofins
C_26_5_4	02-10-2025	13:15	CPAHs, Pb, As	Eurofins

Samples collected today were held by Haley & Aldrich, Inc. (H&A) for submittal to the lab the following day.

- c. Backfill: H&A observed scarifying and recompacting of the remaining uncovered portions of Lift No. 19.

**II. DUST MONITORING:**

Dust Monitors (DMs) with telemetry capabilities were deployed in advance of backfill today and operated for the length of the excavation day. Samsara DM 47181 was positioned upwind of Site work and DM 49913 was positioned downwind of Site work. The relative humidity in the morning was approximately 86% and the wind was from east to west.

Dust levels did not exceed the threshold of 2.5 milligrams per square meter (mg/m<sup>3</sup>) total particulates at the downwind property boundary, while they temporarily exceeded the threshold of 0.025 mg/m<sup>3</sup> PM<sub>10</sub> 120-minute rolling average at the downwind property boundary. This exceedance can be attributed to humidity based on readings from both upwind and downwind monitors being similar in value. Site observations indicated that dust was controlled effectively due to freezing conditions and residual snowfall.

**III. COMPACTION TESTING:**

H&A utilized a Troxler E-Gauge 4590 for compaction testing. Areas demonstrating failing compaction values areas were either recompacted or scarified and recompacted, respectively, based on H&A instruction. Due to Halme’s sheep foot roller being broken due to a mechanical issue, wheel packing was utilized with haul trucks. This compaction method was not sufficient to provide passing compaction testing. Only two passing tests were

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	60
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	10 February 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	2 of 2
<b>Contractor</b>	Halme Construction, Inc.	<b>File No.</b>	0202349-002
<b>Weather</b>	Sunny	<b>Temperature</b>	2-25°F

recorded today, with only the test in the southwest corner of the repository being deemed as representative. All other areas of Lift No. 19 will have to be scarified and recompact tomorrow. Halme will have a replacement roller used for compaction on-Site tomorrow (02-11-2025)

The follow compaction tests were performed today:

Table 2. Compaction Testing Results						
Test Location	Percent Proctor	Dry Density (pcf)	Wet Density (pcf)	Moisture	Percent Moisture	Test Result
19/1	90.9	121.8	124.8		2.4	Pass
19/2	90.1	120.8	123.2		2	Pass
19/3	86.5	115.9	118.7	2.9	2.5	Fail
19/4	84.8	113.6	115.5	1.9	1.7	Fail
19/5	86.4	115.8	118.5	2.8	2.4	Fail
19/6	84.1	112.7	115.8	3.1	2.8	Fail

The test proved two passing tests and four failed tests.

**Discussions:**

<u>Name</u>	<u>Topic</u>
Halme; H&A	H&A spoke with David of Halme throughout the Lift compaction process, issuing guidance on which areas needed to be scarified and/or recompact.

<u>Field Representative(s)</u>	<u>Time on site</u>	<u>Report/Travel/Other</u>	<u>Total</u>
Cameron Luckey	3.50 hours	1.50 hours	5.00 hours
Luke Peden	6.00 hours	0.75 hours	6.75 hours

**Distribution:**

CVSD; Attn: Jay Rowell  
OAC Services, Inc.; Attn: Jeff Jurgensen

**Attachments:**

- Attachment A – Photolog
- Attachment B – Dust Monitoring Data
- Attachment C – Confirmation Sampling Plan
- Attachment D – Repository Subgrade Excavation Plan



Haley & Aldrich, Inc.



Photo 01. Repository backfill progress (view looking northwest).



Photo 02. Repository backfill progress (view looking northwest).

**Site Photographs – 10 February 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA



**Attachment A**



Photo 03. Sample Unit 26 being over excavated by Halme Construction, Inc. (view looking west).

**Site Photographs – 10 February 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA

**HALEY  
ALDRICH**

**Attachment A**

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
<b>Upwind</b>								
Modem 47181	2/10/2025 18:35	2/10/2025 18:45	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/10/2025 18:25	2/10/2025 18:35	0.002	0.002	0.002	0.003	0.003	0.004
Modem 47181	2/10/2025 18:15	2/10/2025 18:25	0.001	0.002	0.002	0.002	0.002	0.003
Modem 47181	2/10/2025 18:05	2/10/2025 18:15	0.002	0.002	0.002	0.002	0.002	0.003
Modem 47181	2/10/2025 17:55	2/10/2025 18:05	0.002	0.002	0.002	0.002	0.002	0.003
Modem 47181	2/10/2025 17:45	2/10/2025 17:55	0.002	0.002	0.002	0.002	0.002	0.003
Modem 47181	2/10/2025 17:35	2/10/2025 17:45	0.002	0.002	0.002	0.002	0.002	0.003
Modem 47181	2/10/2025 17:25	2/10/2025 17:35	0.002	0.002	0.002	0.002	0.002	0.003
Modem 47181	2/10/2025 17:15	2/10/2025 17:25	0.002	0.002	0.002	0.003	0.003	0.004
Modem 47181	2/10/2025 17:05	2/10/2025 17:15	0.002	0.002	0.002	0.002	0.002	0.004
Modem 47181	2/10/2025 16:55	2/10/2025 17:05	0.002	0.002	0.003	0.003	0.003	0.004
Modem 47181	2/10/2025 16:45	2/10/2025 16:55	0.002	0.002	0.002	0.003	0.003	0.004
Modem 47181	2/10/2025 16:35	2/10/2025 16:45	0.002	0.002	0.002	0.002	0.002	0.004
Modem 47181	2/10/2025 16:25	2/10/2025 16:35	0.003	0.003	0.003	0.004	0.004	0.005
Modem 47181	2/10/2025 16:15	2/10/2025 16:25	0.002	0.002	0.003	0.003	0.003	0.004
Modem 47181	2/10/2025 16:05	2/10/2025 16:15	0.003	0.003	0.003	0.003	0.003	0.004
Modem 47181	2/10/2025 15:55	2/10/2025 16:05	0.003	0.003	0.003	0.003	0.003	0.007
Modem 47181	2/10/2025 15:45	2/10/2025 15:55	0.003	0.003	0.003	0.003	0.003	0.008
Modem 47181	2/10/2025 15:35	2/10/2025 15:45	0.003	0.003	0.003	0.004	0.004	0.011
Modem 47181	2/10/2025 15:25	2/10/2025 15:35	0.003	0.003	0.004	0.004	0.004	0.014
Modem 47181	2/10/2025 15:15	2/10/2025 15:25	0.004	0.004	0.004	0.004	0.004	0.014
Modem 47181	2/10/2025 15:05	2/10/2025 15:15	0.004	0.004	0.004	0.005	0.005	0.014
Modem 47181	2/10/2025 14:55	2/10/2025 15:05	0.004	0.004	0.005	0.005	0.005	0.014
Modem 47181	2/10/2025 14:45	2/10/2025 14:55	0.004	0.004	0.005	0.005	0.005	0.013
Modem 47181	2/10/2025 14:35	2/10/2025 14:45	0.004	0.004	0.004	0.005	0.005	0.012
Modem 47181	2/10/2025 14:25	2/10/2025 14:35	0.004	0.004	0.005	0.005	0.005	0.012
Modem 47181	2/10/2025 14:15	2/10/2025 14:25	0.004	0.004	0.004	0.004	0.004	0.011
Modem 47181	2/10/2025 14:05	2/10/2025 14:15	0.004	0.004	0.004	0.004	0.004	0.010
Modem 47181	2/10/2025 13:55	2/10/2025 14:05	0.008	0.009	0.009	0.01	0.01	0.013
Modem 47181	2/10/2025 13:45	2/10/2025 13:55	0.012	0.012	0.012	0.013	0.013	0.016
Modem 47181	2/10/2025 13:35	2/10/2025 13:45	0.017	0.017	0.018	0.018	0.018	0.017
Modem 47181	2/10/2025 13:25	2/10/2025 13:35	0.021	0.021	0.022	0.023	0.023	0.022
Modem 47181	2/10/2025 13:15	2/10/2025 13:25	0.021	0.022	0.022	0.023	0.023	0.024
Modem 47181	2/10/2025 13:05	2/10/2025 13:15	0.021	0.022	0.022	0.022	0.022	0.025
Modem 47181	2/10/2025 12:55	2/10/2025 13:05	0.021	0.021	0.022	0.022	0.022	0.022
Modem 47181	2/10/2025 12:45	2/10/2025 12:55	0.02	0.02	0.021	0.021	0.021	0.023
Modem 47181	2/10/2025 12:35	2/10/2025 12:45	0.018	0.019	0.019	0.019	0.019	0.013
Modem 47181	2/10/2025 12:25	2/10/2025 12:35	0.017	0.018	0.018	0.018	0.018	0.012
Modem 47181	2/10/2025 12:15	2/10/2025 12:25	0.018	0.018	0.018	0.018	0.018	0.012
Modem 47181	2/10/2025 12:05	2/10/2025 12:15	0.016	0.016	0.016	0.016	0.016	
Modem 47181	2/10/2025 11:55	2/10/2025 12:05	0.015	0.015	0.016	0.016	0.016	
Modem 47181	2/10/2025 11:45	2/10/2025 11:55	0.018	0.018	0.018	0.018	0.018	
Modem 47181	2/10/2025 11:35	2/10/2025 11:45	0.016	0.016	0.016	0.016	0.016	
Modem 47181	2/10/2025 11:25	2/10/2025 11:35	0.021	0.021	0.021	0.021	0.021	
Modem 47181	2/10/2025 11:15	2/10/2025 11:25	0.024	0.024	0.024	0.024	0.024	
Modem 47181	2/10/2025 11:05	2/10/2025 11:15	0.026	0.027	0.027	0.027	0.027	
Modem 47181	2/10/2025 10:55	2/10/2025 11:05	0.022	0.022	0.022	0.022	0.022	
Modem 47181	2/10/2025 10:45	2/10/2025 10:55	0.023	0.023	0.024	0.024	0.025	

HALEY & ALDRICH, INC.

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT  
 SPOKANE VALLEY, WASHINGTON  
 FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
Modem 47181	2/10/2025 10:35	2/10/2025 10:45	0.006	0.006	0.006	0.006	0.006	
Modem 47181	2/10/2025 10:25	2/10/2025 10:35	0.006	0.006	0.006	0.006	0.006	
Modem 47181	2/10/2025 10:15	2/10/2025 10:25	0.006	0.006	0.006	0.006	0.006	
<b>Downwind</b>								
Modem 49913	2/10/2025 18:35	2/10/2025 18:45	0	0	0	0.001	0.001	0.001
Modem 49913	2/10/2025 18:25	2/10/2025 18:35	0	0	0	0	0	0.002
Modem 49913	2/10/2025 18:15	2/10/2025 18:25	0	0	0	0	0	0.001
Modem 49913	2/10/2025 18:05	2/10/2025 18:15	0	0	0	0	0	0.003
Modem 49913	2/10/2025 17:55	2/10/2025 18:05	0	0	0	0	0	0.001
Modem 49913	2/10/2025 17:45	2/10/2025 17:55	0	0	0	0	0	0.001
Modem 49913	2/10/2025 17:35	2/10/2025 17:45	0	0	0	0	0	0.001
Modem 49913	2/10/2025 17:25	2/10/2025 17:35	0	0	0	0	0	0.001
Modem 49913	2/10/2025 17:15	2/10/2025 17:25	0	0	0	0	0	0.001
Modem 49913	2/10/2025 17:05	2/10/2025 17:15	0	0	0	0	0	0.002
Modem 49913	2/10/2025 16:55	2/10/2025 17:05	0	0	0	0	0	0.002
Modem 49913	2/10/2025 16:45	2/10/2025 16:55	0	0	0	0	0	0.001
Modem 49913	2/10/2025 16:35	2/10/2025 16:45	0	0	0.001	0.001	0.001	0.002
Modem 49913	2/10/2025 16:25	2/10/2025 16:35	0.002	0.002	0.002	0.003	0.003	0.003
Modem 49913	2/10/2025 16:15	2/10/2025 16:25	0	0	0	0.001	0.001	0.005
Modem 49913	2/10/2025 16:05	2/10/2025 16:15	0.004	0.004	0.004	0.004	0.005	0.006
Modem 49913	2/10/2025 15:55	2/10/2025 16:05	0	0	0	0.001	0.001	0.004
Modem 49913	2/10/2025 15:45	2/10/2025 15:55	0	0	0	0.001	0.001	0.004
Modem 49913	2/10/2025 15:35	2/10/2025 15:45	0.001	0.001	0.001	0.001	0.001	0.005
Modem 49913	2/10/2025 15:25	2/10/2025 15:35	0.001	0.001	0.001	0.001	0.001	0.009
Modem 49913	2/10/2025 15:15	2/10/2025 15:25	0.001	0.001	0.001	0.001	0.001	0.010
Modem 49913	2/10/2025 15:05	2/10/2025 15:15	0.002	0.003	0.003	0.004	0.004	0.012
Modem 49913	2/10/2025 14:55	2/10/2025 15:05	0.002	0.002	0.003	0.003	0.003	0.013
Modem 49913	2/10/2025 14:45	2/10/2025 14:55	0.001	0.001	0.002	0.002	0.002	0.011
Modem 49913	2/10/2025 14:35	2/10/2025 14:45	0.002	0.002	0.002	0.002	0.002	0.011
Modem 49913	2/10/2025 14:25	2/10/2025 14:35	0.001	0.001	0.002	0.002	0.002	0.010
Modem 49913	2/10/2025 14:15	2/10/2025 14:25	0.008	0.008	0.008	0.008	0.008	0.014
Modem 49913	2/10/2025 14:05	2/10/2025 14:15	0.005	0.006	0.006	0.006	0.006	0.012
Modem 49913	2/10/2025 13:55	2/10/2025 14:05	0.005	0.005	0.005	0.006	0.006	0.010
Modem 49913	2/10/2025 13:45	2/10/2025 13:55	0.006	0.007	0.007	0.007	0.007	0.011
Modem 49913	2/10/2025 13:35	2/10/2025 13:45	0.008	0.008	0.009	0.009	0.009	0.012
Modem 49913	2/10/2025 13:25	2/10/2025 13:35	0.015	0.015	0.016	0.017	0.017	0.017
Modem 49913	2/10/2025 13:15	2/10/2025 13:25	0.018	0.019	0.019	0.019	0.019	0.019
Modem 49913	2/10/2025 13:05	2/10/2025 13:15	0.019	0.019	0.02	0.02	0.02	0.020
Modem 49913	2/10/2025 12:55	2/10/2025 13:05	0.021	0.021	0.022	0.023	0.023	0.024
Modem 49913	2/10/2025 12:45	2/10/2025 12:55	0.019	0.019	0.019	0.019	0.019	0.030
Modem 49913	2/10/2025 12:35	2/10/2025 12:45	0.02	0.02	0.02	0.02	0.02	0.029
Modem 49913	2/10/2025 12:25	2/10/2025 12:35	0.017	0.017	0.017	0.017	0.017	0.011
Modem 49913	2/10/2025 12:15	2/10/2025 12:25	0.019	0.019	0.019	0.019	0.019	0.012
Modem 49913	2/10/2025 12:05	2/10/2025 12:15	0.016	0.016	0.016	0.016	0.017	0.017
Modem 49913	2/10/2025 11:55	2/10/2025 12:05	0.014	0.014	0.014	0.014	0.014	
Modem 49913	2/10/2025 11:45	2/10/2025 11:55	0.014	0.014	0.014	0.014	0.014	
Modem 49913	2/10/2025 11:35	2/10/2025 11:45	0.014	0.014	0.014	0.014	0.014	
Modem 49913	2/10/2025 11:25	2/10/2025 11:35	0.016	0.017	0.017	0.017	0.017	
Modem 49913	2/10/2025 11:15	2/10/2025 11:25	0.019	0.019	0.019	0.019	0.019	

HALEY & ALDRICH, INC.

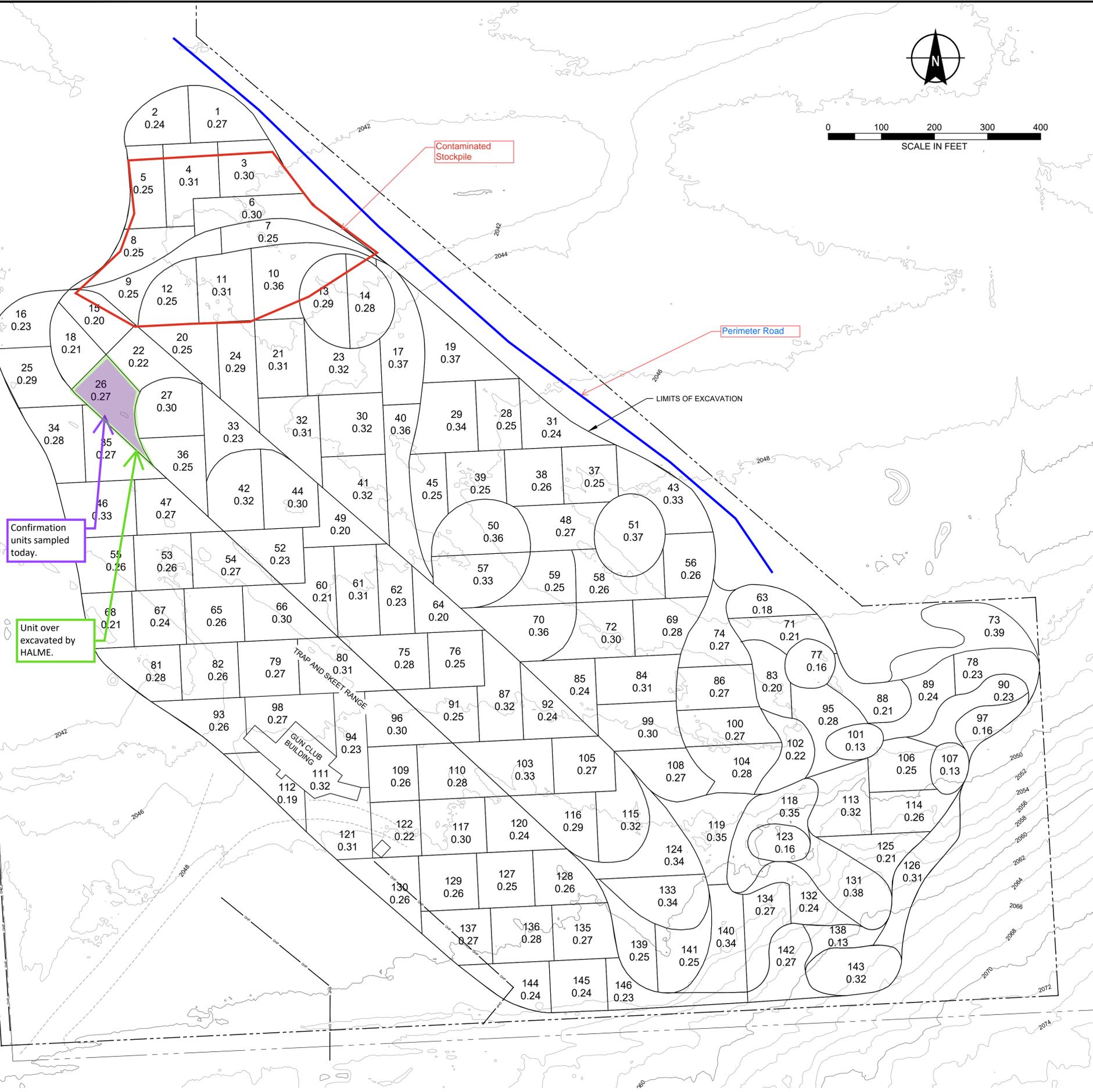
**DUST MONITORING DATA**

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
Modem 49913	2/10/2025 11:05	2/10/2025 11:15	0.02	0.02	0.02	0.02	0.02	
Modem 49913	2/10/2025 10:55	2/10/2025 11:05	0.024	0.025	0.025	0.025	0.025	
Modem 49913	2/10/2025 10:45	2/10/2025 10:55	0.041	0.041	0.041	0.041	0.041	
Modem 49913	2/10/2025 10:35	2/10/2025 10:45	0.036	0.036	0.036	0.037	0.037	
Modem 49913	2/10/2025 10:25	2/10/2025 10:35	0.004	0.004	0.004	0.004	0.004	
Modem 49913	2/10/2025 10:15	2/10/2025 10:25	0.004	0.004	0.004	0.004	0.004	



**NOTES**

1. CONTRACTOR IS RESPONSIBLE FOR SURVEYING AND DELINEATING THE LIMITS OF THE SAMPLE UNITS SHOWN, AS NECESSARY TO COMPLETE THE WORK.
2. CONTRACTOR SHALL NOT BACKFILL WITHIN THE LIMITS OF ANY INDIVIDUAL SAMPLING UNTIL RECEIVING APPROVAL BY THE ENGINEER.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR CONFIRMATION SAMPLING AT LEAST 2 WORKING DAYS IN ADVANCE FOR EACH SAMPLING UNIT.
4. ALLOW UP TO 5 DAYS FOR THE ENGINEER TO COLLECT CONFIRMATION SAMPLES FOLLOWING IMPACTED SOIL EXCAVATION AND 10 TO 15 DAYS FOR ANALYTICAL RESULTS. CONFIRMATION SAMPLING RESULTS ARE EXPECTED TO TAKE BETWEEN 10 AND 15 DAYS, POSSIBLY LONGER. THE EXACT NUMBER OF DAYS REQUIRED WILL NOT BE KNOWN UNTIL THE FIRST SAMPLES ARE PROCESSED AND COULD VARY BETWEEN SAMPLING UNITS DEPENDING ON SHIPPING AND MOISTURE CONTENT. THE CONTRACTOR SHALL PLAN THE WORK ACCORDINGLY.
5. ONCE A SAMPLING UNIT IS DESIGNATED FOR CONFIRMATION SAMPLING IMPACTED SOILS SHALL NO LONGER BE TRANSPORTED THROUGH THAT SAMPLING UNIT.
6. CLEAN BACKFILL FROM THE REPOSITORY CAN BE STOCKPILED ADJACENT TO SAMPLING UNITS OUTSIDE THE LIMITS OF EXCAVATION IN LOCATIONS APPROVED BY THE ENGINEER.

**LEGEND**

- 73 SAMPLE UNIT ID
- 0.39 AREA (ACRES)

UNIT ID	AREA (AC.)
1	0.27
2	0.24
3	0.30
4	0.31
5	0.25
6	0.30
7	0.25
8	0.25
9	0.25
10	0.36
11	0.31
12	0.25
13	0.29
14	0.28
15	0.20
16	0.23
17	0.37
18	0.21
19	0.37
20	0.25
21	0.31
22	0.22
23	0.32
24	0.29
25	0.29
26	0.27
27	0.30
28	0.25
29	0.34
30	0.32
31	0.24
32	0.31
33	0.23
34	0.28
35	0.27
36	0.25
37	0.25
38	0.26
39	0.25
40	0.36
41	0.32
42	0.32
43	0.33
44	0.30
45	0.25
46	0.33
47	0.27
48	0.27
49	0.20
50	0.36
51	0.37
52	0.23
53	0.26
54	0.27
55	0.26
56	0.26
57	0.33
58	0.26
59	0.25
60	0.21
61	0.31
62	0.23
63	0.18
64	0.20
65	0.26
66	0.30
67	0.24
68	0.21
69	0.28
70	0.36
71	0.21
72	0.30
73	0.39
74	0.27
75	0.28
76	0.25
77	0.16
78	0.23
79	0.27
80	0.31
81	0.28
82	0.26
83	0.20
84	0.31
85	0.24
86	0.27
87	0.32
88	0.21
89	0.24
90	0.23
91	0.25
92	0.24
93	0.26
94	0.23
95	0.28
96	0.30
97	0.16
98	0.27
99	0.30
100	0.27
101	0.13
102	0.22
103	0.33
104	0.28
105	0.27
106	0.25
107	0.13
108	0.27
109	0.26
110	0.28
111	0.32
112	0.19
113	0.32
114	0.26
115	0.32
116	0.29
117	0.30
118	0.35
119	0.35
120	0.24
121	0.31
122	0.22
123	0.16
124	0.34
125	0.21
126	0.31
127	0.25
128	0.26
129	0.26
130	0.26
131	0.38
132	0.24
133	0.34
134	0.27
135	0.27
136	0.28
137	0.27
138	0.13
139	0.25
140	0.34
141	0.25
142	0.27
143	0.32
144	0.24
145	0.24
146	0.23

UNIT ID	AREA (AC.)
59	0.25
60	0.21
61	0.31
62	0.23
63	0.18
64	0.20
65	0.26
66	0.30
67	0.24
68	0.21
69	0.28
70	0.36
71	0.21
72	0.30
73	0.39
74	0.27
75	0.28
76	0.25
77	0.16
78	0.23
79	0.27
80	0.31
81	0.28
82	0.26
83	0.20
84	0.31
85	0.24
86	0.27
87	0.32
88	0.21
89	0.24
90	0.23
91	0.25
92	0.24
93	0.26
94	0.23
95	0.28
96	0.30
97	0.16
98	0.27
99	0.30
100	0.27
101	0.13
102	0.22
103	0.33
104	0.28
105	0.27
106	0.25
107	0.13
108	0.27
109	0.26
110	0.28
111	0.32
112	0.19
113	0.32
114	0.26
115	0.32
116	0.29

UNIT ID	AREA (AC.)
117	0.30
118	0.35
119	0.35
120	0.24
121	0.31
122	0.22
123	0.16
124	0.34
125	0.21
126	0.31
127	0.25
128	0.26
129	0.26
130	0.26
131	0.38
132	0.24
133	0.34
134	0.27
135	0.27
136	0.28
137	0.27
138	0.13
139	0.25
140	0.34
141	0.25
142	0.27
143	0.32
144	0.24
145	0.24
146	0.23
TOTAL	39.42

Excavation Plan  
Markup CAL 10 Feb  
2025

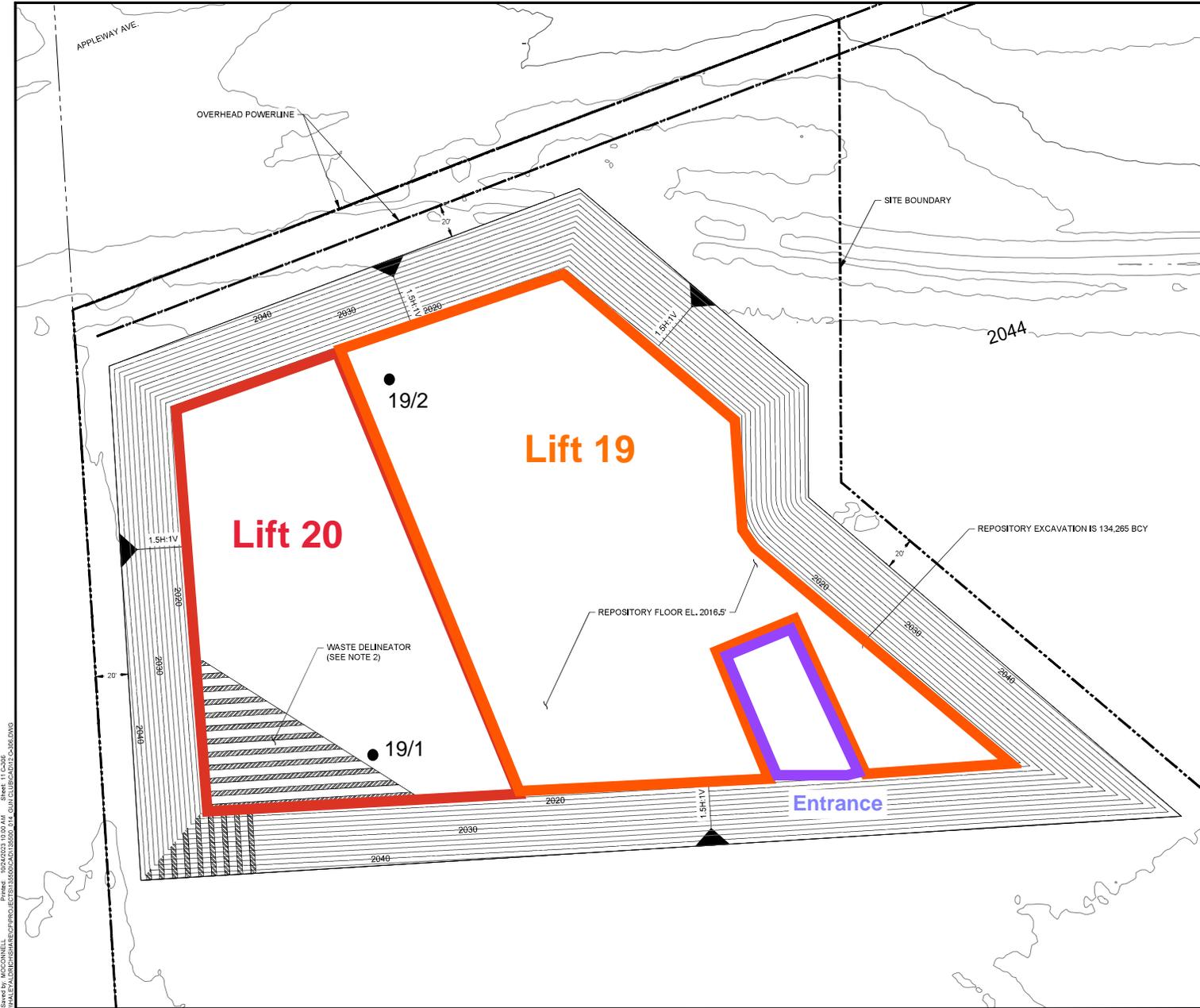
Project No.:	202349-001
Scale:	SHOWN
Date:	10/17/2023
Drawn By:	ZS/MO
Designed By:	BD
Checked By:	KH
Approved By:	JH/KH
Stamp:	

1	ISSUED FOR ECOLOGY	BD	05/18/23
0	ISSUED FOR BID	BD	10/18/23
Rev.	Description	By	Date

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE. #9656  
SPOKANE VALLEY,  
WASHINGTON

**CONFIRMATION  
SAMPLING PLAN**

**C-302**



**NOTES**

- PRIOR TO EXCAVATION TOPSOIL SHALL BE STRIPPED AND STOCKPILED.
- A VISUAL REFERENCE FOR THE DELINEATION BETWEEN NATIVE SOIL AND MATERIAL PLACED IN THE REPOSITORY IS REQUIRED. REFERRED TO HEREIN AS A WASTE DELINEATOR.
- ORANGE SILT FENCE IN ROLLS 5 FEET WIDE (OR AND APPROVED EQUAL) IS REQUIRED TO BE PLACED 8 FEET O.C. WITH A SPACING BETWEEN THE FABRIC OF 5 FEET IN THE BOTTOM AND ALONG THE CUT SLOPES OF THE REPOSITORY AS A WASTE DELINEATOR.
- THE ORIENTATION OF THE WASTE DELINEATOR CAN VARY ACROSS THE BOTTOM OF THE REPOSITORY EXCAVATION AS APPROVED BY THE ENGINEER.
- IMPACTED SOILS SHALL BE PLACED IN THE REPOSITORY IN HORIZONTAL LIFTS NOT TO EXCEED 1.5 FEET IN TOTAL THICKNESS AND COMPACTED TO AT LEAST 90% PER MODIFIED PROCTOR ASTM D 1557/ANSI TO 1.180.
- CONCRETE AND OTHER DEMOLITION DEBRIS APPROVED BY THE ENGINEER SHALL BE PLACED 10 OR MORE FEET BELOW THE LINER.
- CONTRACTOR SHALL STOCKPILE BOULDERS WITH GREATEST DIMENSIONS LARGER THAN 24 INCHES IN THE STOCKPILE LOCATION SHOWN ON SHEET C-301 OR AS APPROVED BY THE ENGINEER.
- WHEN PLACING BOULDERS OR COBBLES DO NOT NEST THEM SUCH THAT VOIDS ARE CREATED. BOULDERS AND COBBLES SHALL BE SPREAD OUT UNIFORMLY SO SOIL FILLS AROUND THEM.
- PLACEMENT OF OVERSEED MATERIALS (12 - 24 INCHES SHALL ALLOW COMPACTION EQUIPMENT TO COMPACT AROUND THE SIDES WITHOUT BEING IN CONTACT WITH NEARBY OVERSIZE MATERIAL THAT PRECLUDES UNIFORM COMPACTION.
- CONCRETE BROKEN INTO PIECES 12 TO 24 INCHES SHALL BE TREATED THE SAME AS OVERSIZE MATERIAL.
- CONCRETE SLABS CAN BE INCORPORATED INTO FILL WITHOUT PROCESSING IF THEY ARE PLACED ON A LEVEL SURFACE (E.G. NOT DUMPED), SUCH THAT THEY ARE FIRMLY SEATED AND BACKFILLED WITH SAND AND GRAVEL. CONCRETE SLABS SHALL NOT BE STACKED NESTED OR OTHERWISE PLACED SUCH THAT VOIDS ARE CREATED.
- CONTRACTOR SHALL PROVIDE AN EXCAVATION PLAN WHICH INCLUDES BOTH THE REPOSITORY EXCAVATION AND BACKFILLING AND THE EXCAVATION OF IMPACTED SOILS.



HALEY & ALDRICH  
505 W. RIVERSIDE AVE, SUITE 205  
SPOKANE, WA 99201  
TEL: 509-363-7447  
WWW.HALEYALDRICH.COM

Project No.	202349-001
Scale	SHOWN
Date	10/17/2023
Drawn By	ZSM/2
Designed By	BD
Checked By	KH
Approved By	JHK/KC
Stamp	



1	ISSUED FOR ECOLOGY	BD	05/16/23
0	ISSUED FOR BE	BD	10/16/23
Rev.	Description	By	Date

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE, #9656  
SPOKANE VALLEY,  
WASHINGTON

**REPOSITORY  
SUBGRADE  
EXCAVATION PLAN**

**C-306**

Sheet 11 of 21

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	61
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	11 February 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 3
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Sunny	<b>Temperature</b>	0-18°F

**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: Halme began over excavating northwestern portion of the 7-foot cut at approximately Sampling Units 18, 27, 15, and 22. This material was transported directly into the repository.
- b. Backfill: Haley & Aldrich, Inc. (H&A) observed scarifying and recompacting of the remaining uncovered portions of Lift No. 19 and backfilling of Lift No. 20. H&A utilized a Troxler E-Gauge 4590 for compaction testing. Areas demonstrating failing compaction values areas were either recompacted or scarified and recompacted, respectively, based on H&A instruction. Halme utilized a new roller today on site. Compaction utilized a CAT CS-563E vibrating roller. This roller is smaller than the previously utilized CAT 825C roller. Due to the smaller and lighter weight roller significant effort was needed to achieve passing compaction values. Approximately 10 passes were needed to achieve acceptable compaction values. Compaction locations 19/1-19/7 were all conducted at approximately test number 19/31 location on the attached Repository Subgrade Excavation Plan. Locations 19/8-19/11 are noted on the attached Excavation Plan.

**II. DUST MONITORING:**

Dust Monitors (DMs) with telemetry capabilities were deployed in advance of backfill today and operated for the length of the excavation day. Samsara DM 47181 was positioned downwind of Site work and DM 49913 was positioned upwind of Site work. The relative humidity in the morning was approximately 81% and the wind was from west to east.

Dust levels did not exceed the threshold of 2.5 milligrams per square meter (mg/m<sup>3</sup>) total particulates at the downwind property boundary, while they temporarily exceeded the threshold of 0.025 mg/m<sup>3</sup> PM<sub>10</sub> 120-minute rolling average at the downwind property boundary. This exceedance can be attributed to humidity based on readings from both upwind and downwind monitors being similar in value. Site observations indicated that dust was controlled effectively due to freezing conditions and residual snowfall.

**III. COMPACTION TESTING:**

The follow compaction tests were performed today:

Table 1. Compaction Testing Results						
Test Location	% Proctor	Dry Density (pcf)	Wet Density (pcf)	Moisture	% Moisture	Test Result
19/1	88.9	119.2	121.1	2.0	1.7	Fail
19/2	83.5	83.5	114.6	2.7	2.4	Fail
19/3	82.6	82.6	112.8	2.1	1.9	Fail
19/4	86.4	86.4	118.0	2.2	1.9	Fail
19/5	85.9	85.9	117.2	2.1	1.8	Fail

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	61
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	11 February 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	2 of 3
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Sunny	<b>Temperature</b>	0-18°F

Table 1. Compaction Testing Results						
Test Location	% Proctor	Dry Density (pcf)	Wet Density (pcf)	Moisture	% Moisture	Test Result
19/6	85.0	85.0	116.2	2.3	2.0	Fail
19/7	82.6	82.6	113.1	2.4	2.2	Fail
19/8	92.6	92.6	126.7	2.5	2.0	Pass
19/9	94.9	94.9	129.5	2.3	2.3	Pass
19/10	90.4	90.4	123.9	2.8	2.3	Pass
19/11	98.0	131.3	133.7	2.4	1.8	Pass

The test proved three passing tests and seven failed tests.

**IV. CONFIRMATION SAMPLING:**

Confirmation samples collected today are described in the Table below, and samples collected today and yesterday (02-10-2025) were submitted to Eurofins today.

Table 2. Confirmation Sampling Information			
Sample Name	Date Sampled	Time Sampled	Analysis
C_27_6_1	02-10-2025	14:05	CPAHs, Pb, As
C_27_6_2	02-10-2025	14:10	CPAHs, Pb, As
C_27_6_3	02-10-2025	14:15	CPAHs, Pb, As
C_27_6_4	02-10-2025	14:20	CPAHs, Pb, As
C_18_5_1	02-10-2025	14:30	CPAHs, Pb, As
C_18_5_2	02-10-2025	14:35	CPAHs, Pb, As
C_18_5_3	02-10-2025	14:40	CPAHs, Pb, As
C_18_5_4	02-10-2025	14:45	CPAHs, Pb, As
C_15_5_1	02-10-2025	14:50	CPAHs, Pb, As
C_15_5_2	02-10-2025	14:55	CPAHs, Pb, As
C_15_5_3	02-10-2025	15:00	CPAHs, Pb, As
C_15_5_4	02-10-2025	15:55	CPAHs, Pb, As
C_22_5_1	02-10-2025	15:10	CPAHs, Pb, As
C_22_5_2	02-10-2025	15:15	CPAHs, Pb, As
C_22_5_3	02-10-2025	15:20	CPAHs, Pb, As
C_22_5_4	02-10-2025	15:25	CPAHs, Pb, As

**DAILY FIELD REPORT**

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<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	61
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	11 February 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	3 of 3
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Sunny	<b>Temperature</b>	0-18°F

---

**Discussions:**

<b><u>Name</u></b>	<b><u>Topic</u></b>
Halme; H&A	H&A spoke with David of Halme throughout the Lift compaction process, issuing guidance on which areas needed to be scarified and/or recompacted.

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<b><u>Field Representative(s)</u></b>	<b><u>Time on site</u></b>	<b><u>Report/Travel/Other</u></b>	<b><u>Total</u></b>
Cameron Luckey	9.75 hours	1.70 hours	11.45 hours

**Distribution:**

CVSD; Attn: Jay Rowell  
OAC Services, Inc.; Attn: Jeff Jurgensen

**Attachments:**

Attachment A – Photolog  
Attachment B – Dust Monitoring Data  
Attachment C – Chain of Custody Record  
Attachment D – Confirmation Sampling Plan  
Attachment E – Repository Subgrade Excavation Plan



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Haley & Aldrich, Inc.

[https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/02 - February/02\\_11\\_25\\_CAL\\_DFR\\_61/02\\_11\\_25\\_CAL\\_DFR.docx](https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/02 - February/02_11_25_CAL_DFR_61/02_11_25_CAL_DFR.docx)



Photo 01. Roller delivered on-site by Halme Construction, Inc..



Photo 02. Compaction progress and ripping of Lift No. 19 (view looking west).

**Site Photographs – 11 February 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA



**Attachment A**



Photo 03. Repository progress; photo taken at the beginning of the day (view looking northwest).

**Site Photographs – 11 February 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA



**Attachment A**

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
			Latest	Latest	Latest	Latest	Latest	
Downwind								
Modem 47181	2/11/2025 17:20	2/11/2025 17:30	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/11/2025 17:10	2/11/2025 17:20	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/11/2025 17:00	2/11/2025 17:10	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/11/2025 16:50	2/11/2025 17:00	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/11/2025 16:40	2/11/2025 16:50	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/11/2025 16:30	2/11/2025 16:40	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/11/2025 16:20	2/11/2025 16:30	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/11/2025 16:10	2/11/2025 16:20	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/11/2025 16:00	2/11/2025 16:10	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/11/2025 15:50	2/11/2025 16:00	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/11/2025 15:40	2/11/2025 15:50	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/11/2025 15:30	2/11/2025 15:40	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/11/2025 15:20	2/11/2025 15:30	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/11/2025 15:10	2/11/2025 15:20	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/11/2025 15:00	2/11/2025 15:10	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/11/2025 14:50	2/11/2025 15:00	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/11/2025 14:40	2/11/2025 14:50	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/11/2025 14:30	2/11/2025 14:40	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/11/2025 14:20	2/11/2025 14:30	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/11/2025 14:10	2/11/2025 14:20	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/11/2025 14:00	2/11/2025 14:10	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/11/2025 13:50	2/11/2025 14:00	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/11/2025 13:40	2/11/2025 13:50	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/11/2025 13:30	2/11/2025 13:40	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/11/2025 13:20	2/11/2025 13:30	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/11/2025 13:10	2/11/2025 13:20	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/11/2025 13:00	2/11/2025 13:10	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/11/2025 12:50	2/11/2025 13:00	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/11/2025 12:40	2/11/2025 12:50	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/11/2025 12:30	2/11/2025 12:40	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/11/2025 12:20	2/11/2025 12:30	0.001	0.001	0.001	0.001	0.001	0.0005
Modem 47181	2/11/2025 12:10	2/11/2025 12:20	0.001	0.001	0.001	0.001	0.001	0.0005
Modem 47181	2/11/2025 12:00	2/11/2025 12:10	0.001	0.001	0.001	0.001	0.001	0.002
Modem 47181	2/11/2025 11:50	2/11/2025 12:00	0.001	0.001	0.001	0.001	0.001	0.002
Modem 47181	2/11/2025 11:40	2/11/2025 11:50	0.001	0.001	0.001	0.001	0.001	0.002
Modem 47181	2/11/2025 11:30	2/11/2025 11:40	0.001	0.001	0.001	0.001	0.001	0.002
Modem 47181	2/11/2025 11:20	2/11/2025 11:30	0.001	0.001	0.001	0.001	0.001	0.002
Modem 47181	2/11/2025 11:10	2/11/2025 11:20	0.001	0.001	0.001	0.001	0.001	0.002
Modem 47181	2/11/2025 11:00	2/11/2025 11:10	0.001	0.001	0.001	0.001	0.001	0.002
Modem 47181	2/11/2025 10:50	2/11/2025 11:00	0.001	0.001	0.001	0.001	0.001	0.002
Modem 47181	2/11/2025 10:40	2/11/2025 10:50	0.001	0.001	0.001	0.001	0.001	0.002
Modem 47181	2/11/2025 10:30	2/11/2025 10:40	0.001	0.001	0.001	0.001	0.001	0.002
Modem 47181	2/11/2025 10:20	2/11/2025 10:30	0	0	0	0	0	0.0015
Modem 47181	2/11/2025 10:10	2/11/2025 10:20	0	0	0	0	0	0.0015
Modem 47181	2/11/2025 10:00	2/11/2025 10:10	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 9:50	2/11/2025 10:00	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 9:40	2/11/2025 9:50	0.003	0.003	0.003	0.003	0.003	0.003

HALEY & ALDRICH, INC.

[https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/02 - February/02\\_11\\_25\\_CAL\\_DFR\\_61/2-11-25 Dust Data](https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/02 - February/02_11_25_CAL_DFR_61/2-11-25 Dust Data)

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
	Modem 47181	2/11/2025 9:30	2/11/2025 9:40	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 9:20	2/11/2025 9:30	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 9:10	2/11/2025 9:20	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 9:00	2/11/2025 9:10	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 8:50	2/11/2025 9:00	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 8:40	2/11/2025 8:50	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 8:30	2/11/2025 8:40	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 8:20	2/11/2025 8:30	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 8:10	2/11/2025 8:20	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 8:00	2/11/2025 8:10	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 7:50	2/11/2025 8:00	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 7:40	2/11/2025 7:50	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 7:30	2/11/2025 7:40	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 7:20	2/11/2025 7:30	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 7:10	2/11/2025 7:20	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 7:00	2/11/2025 7:10	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 6:50	2/11/2025 7:00	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 6:40	2/11/2025 6:50	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 6:30	2/11/2025 6:40	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 6:20	2/11/2025 6:30	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 6:10	2/11/2025 6:20	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 6:00	2/11/2025 6:10	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 5:50	2/11/2025 6:00	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 5:40	2/11/2025 5:50	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 5:30	2/11/2025 5:40	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 5:20	2/11/2025 5:30	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 5:10	2/11/2025 5:20	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 5:00	2/11/2025 5:10	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 4:50	2/11/2025 5:00	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 4:40	2/11/2025 4:50	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 4:30	2/11/2025 4:40	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 4:20	2/11/2025 4:30	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 4:10	2/11/2025 4:20	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 4:00	2/11/2025 4:10	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 3:50	2/11/2025 4:00	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 3:40	2/11/2025 3:50	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 3:30	2/11/2025 3:40	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 3:20	2/11/2025 3:30	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 3:10	2/11/2025 3:20	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 3:00	2/11/2025 3:10	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 2:50	2/11/2025 3:00	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 2:40	2/11/2025 2:50	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 2:30	2/11/2025 2:40	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 2:20	2/11/2025 2:30	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 2:10	2/11/2025 2:20	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 2:00	2/11/2025 2:10	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 1:50	2/11/2025 2:00	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 1:40	2/11/2025 1:50	0.003	0.003	0.003	0.003	0.003	0.003

HALEY & ALDRICH, INC.

[https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/02 - February/02\\_11\\_25\\_CAL\\_DFR\\_61/2-11-25 Dust Data](https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/02 - February/02_11_25_CAL_DFR_61/2-11-25 Dust Data)

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
	Modem 47181	2/11/2025 1:30	2/11/2025 1:40	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 1:20	2/11/2025 1:30	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 1:10	2/11/2025 1:20	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 1:00	2/11/2025 1:10	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 0:50	2/11/2025 1:00	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 0:40	2/11/2025 0:50	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 0:30	2/11/2025 0:40	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 0:20	2/11/2025 0:30	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 0:10	2/11/2025 0:20	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/11/2025 0:00	2/11/2025 0:10	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/10/2025 23:50	2/11/2025 0:00	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/10/2025 23:40	2/10/2025 23:50	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/10/2025 23:30	2/10/2025 23:40	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/10/2025 23:20	2/10/2025 23:30	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/10/2025 23:10	2/10/2025 23:20	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/10/2025 23:00	2/10/2025 23:10	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/10/2025 22:50	2/10/2025 23:00	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/10/2025 22:40	2/10/2025 22:50	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/10/2025 22:30	2/10/2025 22:40	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/10/2025 22:20	2/10/2025 22:30	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/10/2025 22:10	2/10/2025 22:20	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/10/2025 22:00	2/10/2025 22:10	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/10/2025 21:50	2/10/2025 22:00	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/10/2025 21:40	2/10/2025 21:50	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/10/2025 21:30	2/10/2025 21:40	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/10/2025 21:20	2/10/2025 21:30	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/10/2025 21:10	2/10/2025 21:20	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/10/2025 21:00	2/10/2025 21:10	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/10/2025 20:50	2/10/2025 21:00	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/10/2025 20:40	2/10/2025 20:50	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/10/2025 20:30	2/10/2025 20:40	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/10/2025 20:20	2/10/2025 20:30	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/10/2025 20:10	2/10/2025 20:20	0.003	0.003	0.003	0.003	0.003	0.0025
Modem 47181	2/10/2025 20:00	2/10/2025 20:10	0.003	0.003	0.003	0.003	0.003	0.0025
Modem 47181	2/10/2025 19:50	2/10/2025 20:00	0.003	0.003	0.003	0.003	0.003	0.0025
Modem 47181	2/10/2025 19:40	2/10/2025 19:50	0.003	0.003	0.003	0.003	0.003	0.0025
Modem 47181	2/10/2025 19:30	2/10/2025 19:40	0.003	0.003	0.003	0.003	0.003	0.0025
Modem 47181	2/10/2025 19:20	2/10/2025 19:30	0.003	0.003	0.003	0.003	0.003	0.0025
Modem 47181	2/10/2025 19:10	2/10/2025 19:20	0.003	0.003	0.003	0.003	0.003	0.0025
Modem 47181	2/10/2025 19:00	2/10/2025 19:10	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/10/2025 18:50	2/10/2025 19:00	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/10/2025 18:40	2/10/2025 18:50	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/10/2025 18:30	2/10/2025 18:40	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	2/10/2025 18:20	2/10/2025 18:30	0.002	0.002	0.003	0.003	0.003	0.003
Modem 47181	2/10/2025 18:10	2/10/2025 18:20	0.002	0.002	0.002	0.002	0.002	0.003
Modem 47181	2/10/2025 18:00	2/10/2025 18:10	0.002	0.002	0.002	0.002	0.002	0.0025
Modem 47181	2/10/2025 17:50	2/10/2025 18:00	0.002	0.002	0.002	0.002	0.002	0.0025
Modem 47181	2/10/2025 17:40	2/10/2025 17:50	0.002	0.002	0.002	0.002	0.002	0.003

HALEY & ALDRICH, INC.

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DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT  
 SPOKANE VALLEY, WASHINGTON  
 FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
	Modem 47181	2/10/2025 17:30	2/10/2025 17:40	0.002	0.002	0.002	0.002	0.002
Modem 47181	2/10/2025 17:20	2/10/2025 17:30	0.002	0.002	0.002	0.002	0.002	0.0035
Modem 47181	2/10/2025 17:10	2/10/2025 17:20	0.002	0.002	0.002	0.002	0.002	0.0035
Modem 47181	2/10/2025 17:00	2/10/2025 17:10	0.002	0.002	0.003	0.003	0.003	0.0045
Modem 47181	2/10/2025 16:50	2/10/2025 17:00	0.002	0.002	0.002	0.003	0.003	0.004
Modem 47181	2/10/2025 16:40	2/10/2025 16:50	0.002	0.002	0.002	0.003	0.003	0.0045
Modem 47181	2/10/2025 16:30	2/10/2025 16:40	0.002	0.002	0.003	0.003	0.003	0.004
Modem 47181	2/10/2025 16:20	2/10/2025 16:30	0.002	0.003	0.003	0.003	0.003	0.004
Modem 47181	2/10/2025 16:10	2/10/2025 16:20	0.003	0.003	0.003	0.004	0.004	0.0045
Modem 47181	2/10/2025 16:00	2/10/2025 16:10	0.003	0.003	0.003	0.003	0.003	0.004
Modem 47181	2/10/2025 15:50	2/10/2025 16:00	0.002	0.002	0.002	0.003	0.003	0.0075
Modem 47181	2/10/2025 15:40	2/10/2025 15:50	0.003	0.003	0.003	0.004	0.004	0.0105
Modem 47181	2/10/2025 15:30	2/10/2025 15:40	0.003	0.003	0.003	0.003	0.003	0.0115
Modem 47181	2/10/2025 15:20	2/10/2025 15:30	0.004	0.004	0.004	0.005	0.005	0.014
Modem 47181	2/10/2025 15:10	2/10/2025 15:20	0.004	0.004	0.004	0.005	0.005	0.014
Modem 47181	2/10/2025 15:00	2/10/2025 15:10	0.004	0.005	0.005	0.005	0.006	0.014
Modem 47181	2/10/2025 14:50	2/10/2025 15:00	0.004	0.005	0.005	0.005	0.005	0.013
Modem 47181	2/10/2025 14:40	2/10/2025 14:50	0.005	0.005	0.005	0.006	0.006	0.013
Modem 47181	2/10/2025 14:30	2/10/2025 14:40	0.004	0.004	0.005	0.005	0.005	0.0115
Modem 47181	2/10/2025 14:20	2/10/2025 14:30	0.004	0.004	0.004	0.005	0.005	0.011
Modem 47181	2/10/2025 14:10	2/10/2025 14:20	0.004	0.004	0.005	0.005	0.005	0.0105
Modem 47181	2/10/2025 14:00	2/10/2025 14:10	0.005	0.005	0.005	0.005	0.005	0.0105
Modem 47181	2/10/2025 13:50	2/10/2025 14:00	0.011	0.011	0.011	0.012	0.012	0.014
Modem 47181	2/10/2025 13:40	2/10/2025 13:50	0.015	0.016	0.016	0.017	0.017	0.017
Modem 47181	2/10/2025 13:30	2/10/2025 13:40	0.018	0.019	0.019	0.02	0.02	0.019
Modem 47181	2/10/2025 13:20	2/10/2025 13:30	0.022	0.022	0.023	0.023	0.023	0.0225
Modem 47181	2/10/2025 13:10	2/10/2025 13:20	0.021	0.022	0.022	0.023	0.023	0.024
Modem 47181	2/10/2025 13:00	2/10/2025 13:10	0.021	0.021	0.021	0.022	0.022	0.027
Modem 47181	2/10/2025 12:50	2/10/2025 13:00	0.02	0.02	0.021	0.021	0.021	0.022
Modem 47181	2/10/2025 12:40	2/10/2025 12:50	0.02	0.02	0.02	0.02	0.02	0.013
Modem 47181	2/10/2025 12:30	2/10/2025 12:40	0.018	0.018	0.018	0.018	0.018	0.012
Modem 47181	2/10/2025 12:20	2/10/2025 12:30	0.016	0.017	0.017	0.017	0.017	0.0115
Modem 47181	2/10/2025 12:10	2/10/2025 12:20	0.016	0.016	0.016	0.016	0.016	0.011
Modem 47181	2/10/2025 12:00	2/10/2025 12:10	0.016	0.016	0.016	0.016	0.016	
Modem 47181	2/10/2025 11:50	2/10/2025 12:00	0.016	0.016	0.016	0.016	0.016	
Modem 47181	2/10/2025 11:40	2/10/2025 11:50	0.017	0.017	0.017	0.017	0.017	
Modem 47181	2/10/2025 11:30	2/10/2025 11:40	0.018	0.018	0.018	0.018	0.018	
Modem 47181	2/10/2025 11:20	2/10/2025 11:30	0.022	0.022	0.022	0.022	0.022	
Modem 47181	2/10/2025 11:10	2/10/2025 11:20	0.025	0.025	0.025	0.025	0.025	
Modem 47181	2/10/2025 11:00	2/10/2025 11:10	0.031	0.031	0.031	0.031	0.032	
Modem 47181	2/10/2025 10:50	2/10/2025 11:00	0.022	0.022	0.022	0.022	0.023	
Modem 47181	2/10/2025 10:40	2/10/2025 10:50	0.006	0.006	0.006	0.006	0.006	
Modem 47181	2/10/2025 10:30	2/10/2025 10:40	0.006	0.006	0.006	0.006	0.006	
Modem 47181	2/10/2025 10:20	2/10/2025 10:30	0.006	0.006	0.006	0.006	0.006	
Modem 47181	2/10/2025 10:10	2/10/2025 10:20	0.006	0.006	0.006	0.006	0.006	
<b>Upwind</b>								
Modem 49913	2/11/2025 17:30	2/11/2025 17:40	0.003	0.003*	0.003*	0.003	0.003	0.0035
Modem 49913	2/11/2025 17:20	2/11/2025 17:30	0.003	0.003	0.003	0.003	0.003	0.0035

HALEY & ALDRICH, INC.

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DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT  
 SPOKANE VALLEY, WASHINGTON  
 FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
	Modem 49913	2/11/2025 17:10	2/11/2025 17:20	0.003	0.003	0.003	0.003	0.003
Modem 49913	2/11/2025 17:00	2/11/2025 17:10	0.003	0.003	0.003	0.003	0.003	0.0035
Modem 49913	2/11/2025 16:50	2/11/2025 17:00	0.003	0.003	0.003	0.003	0.003	0.003
Modem 49913	2/11/2025 16:40	2/11/2025 16:50	0.003	0.003	0.003	0.003	0.003	0.003
Modem 49913	2/11/2025 16:30	2/11/2025 16:40	0.002	0.002	0.002	0.002	0.002	0.003
Modem 49913	2/11/2025 16:20	2/11/2025 16:30	0.002	0.002	0.002	0.002	0.002	0.003
Modem 49913	2/11/2025 16:10	2/11/2025 16:20	0.002	0.002	0.002	0.002	0.002	0.0025
Modem 49913	2/11/2025 16:00	2/11/2025 16:10	0.003	0.003	0.003	0.003	0.003	0.0025
Modem 49913	2/11/2025 15:50	2/11/2025 16:00	0.003	0.003	0.003	0.003	0.003	0.003
Modem 49913	2/11/2025 15:40	2/11/2025 15:50	0.004	0.004	0.004	0.004	0.004	0.004
Modem 49913	2/11/2025 15:30	2/11/2025 15:40	0.004	0.004	0.004	0.004	0.004	0.0075
Modem 49913	2/11/2025 15:20	2/11/2025 15:30	0.004	0.004	0.004	0.004	0.004	0.008
Modem 49913	2/11/2025 15:10	2/11/2025 15:20	0.003	0.003	0.003	0.003	0.003	0.008
Modem 49913	2/11/2025 15:00	2/11/2025 15:10	0.004	0.004	0.004	0.004	0.004	0.009
Modem 49913	2/11/2025 14:50	2/11/2025 15:00	0.003	0.003	0.003	0.003	0.003	0.0095
Modem 49913	2/11/2025 14:40	2/11/2025 14:50	0.003	0.003	0.003	0.003	0.003	0.012
Modem 49913	2/11/2025 14:30	2/11/2025 14:40	0.004	0.004	0.004	0.004	0.004	0.0125
Modem 49913	2/11/2025 14:20	2/11/2025 14:30	0.003	0.004	0.004	0.004	0.004	0.0085
Modem 49913	2/11/2025 14:10	2/11/2025 14:20	0.003	0.003	0.003	0.003	0.003	0.009
Modem 49913	2/11/2025 14:00	2/11/2025 14:10	0.002	0.002	0.002	0.002	0.002	0.0095
Modem 49913	2/11/2025 13:50	2/11/2025 14:00	0.003	0.003	0.003	0.003	0.003	0.011
Modem 49913	2/11/2025 13:40	2/11/2025 13:50	0.004	0.004	0.004	0.004	0.004	0.0175
Modem 49913	2/11/2025 13:30	2/11/2025 13:40	0.01	0.01	0.01	0.011	0.011	0.0165
Modem 49913	2/11/2025 13:20	2/11/2025 13:30	0.012	0.012	0.012	0.012	0.012	0.0165
Modem 49913	2/11/2025 13:10	2/11/2025 13:20	0.012	0.013	0.013	0.013	0.013	0.018
Modem 49913	2/11/2025 13:00	2/11/2025 13:10	0.013	0.014	0.014	0.014	0.014	0.0145
Modem 49913	2/11/2025 12:50	2/11/2025 13:00	0.016	0.016	0.016	0.016	0.016	0.019
Modem 49913	2/11/2025 12:40	2/11/2025 12:50	0.019	0.02	0.02	0.021	0.021	0.0195
Modem 49913	2/11/2025 12:30	2/11/2025 12:40	0.02	0.021	0.021	0.021	0.021	0.0185
Modem 49913	2/11/2025 12:20	2/11/2025 12:30	0.013	0.013	0.013	0.013	0.013	0.0225
Modem 49913	2/11/2025 12:10	2/11/2025 12:20	0.015	0.015	0.015	0.015	0.015	0.016
Modem 49913	2/11/2025 12:00	2/11/2025 12:10	0.017	0.017	0.017	0.017	0.017	0.0165
Modem 49913	2/11/2025 11:50	2/11/2025 12:00	0.018	0.019	0.019	0.019	0.019	0.012
Modem 49913	2/11/2025 11:40	2/11/2025 11:50	0.03	0.03	0.03	0.031	0.031	0.018
Modem 49913	2/11/2025 11:30	2/11/2025 11:40	0.022	0.022	0.022	0.022	0.022	0.0135
Modem 49913	2/11/2025 11:20	2/11/2025 11:30	0.02	0.021	0.021	0.021	0.021	0.013
Modem 49913	2/11/2025 11:10	2/11/2025 11:20	0.023	0.023	0.023	0.023	0.023	0.014
Modem 49913	2/11/2025 11:00	2/11/2025 11:10	0.015	0.015	0.015	0.015	0.015	0.01
Modem 49913	2/11/2025 10:50	2/11/2025 11:00	0.021	0.021	0.021	0.022	0.022	0.0135
Modem 49913	2/11/2025 10:40	2/11/2025 10:50	0.018	0.018	0.018	0.018	0.018	0.0115
Modem 49913	2/11/2025 10:30	2/11/2025 10:40	0.016	0.016	0.016	0.016	0.016	0.0105
Modem 49913	2/11/2025 10:20	2/11/2025 10:30	0.03	0.031	0.031	0.032	0.032	0.0185
Modem 49913	2/11/2025 10:10	2/11/2025 10:20	0.017	0.017	0.017	0.017	0.017	0.011
Modem 49913	2/11/2025 10:00	2/11/2025 10:10	0.015	0.015	0.016	0.016	0.016	0.0105
Modem 49913	2/11/2025 9:50	2/11/2025 10:00	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 9:40	2/11/2025 9:50	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 9:30	2/11/2025 9:40	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 9:20	2/11/2025 9:30	0.002	0.002	0.002	0.004	0.005	0.005

HALEY & ALDRICH, INC.

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DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
	Modem 49913	2/11/2025 9:10	2/11/2025 9:20	0.002	0.002	0.002	0.004	0.005
Modem 49913	2/11/2025 9:00	2/11/2025 9:10	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 8:50	2/11/2025 9:00	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 8:40	2/11/2025 8:50	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 8:30	2/11/2025 8:40	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 8:20	2/11/2025 8:30	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 8:10	2/11/2025 8:20	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 8:00	2/11/2025 8:10	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 7:50	2/11/2025 8:00	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 7:40	2/11/2025 7:50	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 7:30	2/11/2025 7:40	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 7:20	2/11/2025 7:30	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 7:10	2/11/2025 7:20	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 7:00	2/11/2025 7:10	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 6:50	2/11/2025 7:00	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 6:40	2/11/2025 6:50	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 6:30	2/11/2025 6:40	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 6:20	2/11/2025 6:30	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 6:10	2/11/2025 6:20	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 6:00	2/11/2025 6:10	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 5:50	2/11/2025 6:00	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 5:40	2/11/2025 5:50	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 5:30	2/11/2025 5:40	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 5:20	2/11/2025 5:30	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 5:10	2/11/2025 5:20	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 5:00	2/11/2025 5:10	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 4:50	2/11/2025 5:00	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 4:40	2/11/2025 4:50	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 4:30	2/11/2025 4:40	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 4:20	2/11/2025 4:30	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 4:10	2/11/2025 4:20	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 4:00	2/11/2025 4:10	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 3:50	2/11/2025 4:00	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 3:40	2/11/2025 3:50	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 3:30	2/11/2025 3:40	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 3:20	2/11/2025 3:30	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 3:10	2/11/2025 3:20	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 3:00	2/11/2025 3:10	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 2:50	2/11/2025 3:00	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 2:40	2/11/2025 2:50	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 2:30	2/11/2025 2:40	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 2:20	2/11/2025 2:30	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 2:10	2/11/2025 2:20	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 2:00	2/11/2025 2:10	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 1:50	2/11/2025 2:00	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 1:40	2/11/2025 1:50	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 1:30	2/11/2025 1:40	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 1:20	2/11/2025 1:30	0.002	0.002	0.002	0.004	0.005	0.005

HALEY & ALDRICH, INC.

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DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
	Modem 49913	2/11/2025 1:10	2/11/2025 1:20	0.002	0.002	0.002	0.004	0.005
Modem 49913	2/11/2025 1:00	2/11/2025 1:10	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 0:50	2/11/2025 1:00	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 0:40	2/11/2025 0:50	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 0:30	2/11/2025 0:40	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 0:20	2/11/2025 0:30	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 0:10	2/11/2025 0:20	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/11/2025 0:00	2/11/2025 0:10	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/10/2025 23:50	2/11/2025 0:00	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/10/2025 23:40	2/10/2025 23:50	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/10/2025 23:30	2/10/2025 23:40	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/10/2025 23:20	2/10/2025 23:30	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/10/2025 23:10	2/10/2025 23:20	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/10/2025 23:00	2/10/2025 23:10	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/10/2025 22:50	2/10/2025 23:00	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/10/2025 22:40	2/10/2025 22:50	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/10/2025 22:30	2/10/2025 22:40	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/10/2025 22:20	2/10/2025 22:30	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/10/2025 22:10	2/10/2025 22:20	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/10/2025 22:00	2/10/2025 22:10	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/10/2025 21:50	2/10/2025 22:00	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/10/2025 21:40	2/10/2025 21:50	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/10/2025 21:30	2/10/2025 21:40	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/10/2025 21:20	2/10/2025 21:30	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/10/2025 21:10	2/10/2025 21:20	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/10/2025 21:00	2/10/2025 21:10	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/10/2025 20:50	2/10/2025 21:00	0.002	0.002	0.002	0.004	0.005	0.005
Modem 49913	2/10/2025 20:40	2/10/2025 20:50	0.002	0.002	0.002	0.004	0.005	0.003
Modem 49913	2/10/2025 20:30	2/10/2025 20:40	0.002	0.002	0.002	0.004	0.005	0.003
Modem 49913	2/10/2025 20:20	2/10/2025 20:30	0.002	0.002	0.002	0.004	0.005	0.0025
Modem 49913	2/10/2025 20:10	2/10/2025 20:20	0.002	0.002	0.002	0.004	0.005	0.0025
Modem 49913	2/10/2025 20:00	2/10/2025 20:10	0.002	0.002	0.002	0.004	0.005	0.0025
Modem 49913	2/10/2025 19:50	2/10/2025 20:00	0.002	0.002	0.002	0.004	0.005	0.0025
Modem 49913	2/10/2025 19:40	2/10/2025 19:50	0.002	0.002	0.002	0.004	0.005	0.0025
Modem 49913	2/10/2025 19:30	2/10/2025 19:40	0.002	0.002	0.002	0.004	0.005	0.0025
Modem 49913	2/10/2025 19:20	2/10/2025 19:30	0.002	0.002	0.002	0.004	0.005	0.0025
Modem 49913	2/10/2025 19:10	2/10/2025 19:20	0.002	0.002	0.002	0.004	0.005	0.0045
Modem 49913	2/10/2025 19:00	2/10/2025 19:10	0.002	0.002	0.002	0.004	0.005	0.0025
Modem 49913	2/10/2025 18:50	2/10/2025 19:00	0.002	0.002	0.002	0.004	0.005	0.0025
Modem 49913	2/10/2025 18:40	2/10/2025 18:50	0	0	0	0.001	0.001	0.0005
Modem 49913	2/10/2025 18:30	2/10/2025 18:40	0	0	0.001	0.001	0.001	0.0005
Modem 49913	2/10/2025 18:20	2/10/2025 18:30	0	0	0	0	0	0.0005
Modem 49913	2/10/2025 18:10	2/10/2025 18:20	0	0	0	0	0	0.0005
Modem 49913	2/10/2025 18:00	2/10/2025 18:10	0	0	0	0	0	0.0005
Modem 49913	2/10/2025 17:50	2/10/2025 18:00	0	0	0	0	0	0.0005
Modem 49913	2/10/2025 17:40	2/10/2025 17:50	0	0	0	0	0	0.0005
Modem 49913	2/10/2025 17:30	2/10/2025 17:40	0	0	0	0	0	0.0005
Modem 49913	2/10/2025 17:20	2/10/2025 17:30	0	0	0	0	0	0.001

HALEY & ALDRICH, INC.

[https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/02 - February/02\\_11\\_25\\_CAL\\_DFR\\_61/2-11-25 Dust Data](https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/02 - February/02_11_25_CAL_DFR_61/2-11-25 Dust Data)

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT  
 SPOKANE VALLEY, WASHINGTON  
 FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
	Modem 49913	2/10/2025 17:10	2/10/2025 17:20	0.003	0.003	0.004	0.004	0.004
Modem 49913	2/10/2025 17:00	2/10/2025 17:10	0	0	0	0	0	0.0015
Modem 49913	2/10/2025 16:50	2/10/2025 17:00	0	0	0	0	0	0.001
Modem 49913	2/10/2025 16:40	2/10/2025 16:50	0	0	0	0	0	0.001
Modem 49913	2/10/2025 16:30	2/10/2025 16:40	0	0	0	0	0	0.003
Modem 49913	2/10/2025 16:20	2/10/2025 16:30	0.001	0.001	0.001	0.001	0.001	0.0015
Modem 49913	2/10/2025 16:10	2/10/2025 16:20	0	0.001	0.001	0.001	0.001	0.005
Modem 49913	2/10/2025 16:00	2/10/2025 16:10	0	0	0.001	0.001	0.001	0.002
Modem 49913	2/10/2025 15:50	2/10/2025 16:00	0	0	0	0.001	0.001	0.005
Modem 49913	2/10/2025 15:40	2/10/2025 15:50	0	0	0	0.001	0.001	0.004
Modem 49913	2/10/2025 15:30	2/10/2025 15:40	0	0	0	0.001	0.001	0.006
Modem 49913	2/10/2025 15:20	2/10/2025 15:30	0.002	0.002	0.002	0.002	0.002	0.011
Modem 49913	2/10/2025 15:10	2/10/2025 15:20	0.005	0.005	0.005	0.006	0.006	0.0135
Modem 49913	2/10/2025 15:00	2/10/2025 15:10	0.002	0.003	0.003	0.003	0.003	0.0115
Modem 49913	2/10/2025 14:50	2/10/2025 15:00	0.001	0.001	0.002	0.002	0.002	0.0115
Modem 49913	2/10/2025 14:40	2/10/2025 14:50	0.002	0.002	0.002	0.002	0.002	0.0105
Modem 49913	2/10/2025 14:30	2/10/2025 14:40	0.005	0.005	0.005	0.006	0.006	0.012
Modem 49913	2/10/2025 14:20	2/10/2025 14:30	0.002	0.002	0.002	0.002	0.002	0.011
Modem 49913	2/10/2025 14:10	2/10/2025 14:20	0.007	0.007	0.008	0.009	0.009	0.013
Modem 49913	2/10/2025 14:00	2/10/2025 14:10	0.003	0.003	0.003	0.003	0.003	0.0085
Modem 49913	2/10/2025 13:50	2/10/2025 14:00	0.008	0.009	0.009	0.009	0.009	0.0115
Modem 49913	2/10/2025 13:40	2/10/2025 13:50	0.007	0.007	0.007	0.007	0.007	0.0105
Modem 49913	2/10/2025 13:30	2/10/2025 13:40	0.011	0.011	0.011	0.011	0.011	0.013
Modem 49913	2/10/2025 13:20	2/10/2025 13:30	0.018	0.019	0.019	0.02	0.02	0.0195
Modem 49913	2/10/2025 13:10	2/10/2025 13:20	0.02	0.02	0.02	0.021	0.021	0.0205
Modem 49913	2/10/2025 13:00	2/10/2025 13:10	0.019	0.019	0.019	0.02	0.02	0.021
Modem 49913	2/10/2025 12:50	2/10/2025 13:00	0.02	0.02	0.021	0.021	0.021	0.027
Modem 49913	2/10/2025 12:40	2/10/2025 12:50	0.019	0.019	0.019	0.019	0.019	0.025
Modem 49913	2/10/2025 12:30	2/10/2025 12:40	0.017	0.017	0.017	0.018	0.018	0.0265
Modem 49913	2/10/2025 12:20	2/10/2025 12:30	0.019	0.019	0.019	0.02	0.02	0.012
Modem 49913	2/10/2025 12:10	2/10/2025 12:20	0.017	0.017	0.017	0.017	0.017	0.0105
Modem 49913	2/10/2025 12:00	2/10/2025 12:10	0.014	0.014	0.014	0.014	0.014	
Modem 49913	2/10/2025 11:50	2/10/2025 12:00	0.014	0.014	0.014	0.014	0.014	
Modem 49913	2/10/2025 11:40	2/10/2025 11:50	0.014	0.014	0.014	0.014	0.014	
Modem 49913	2/10/2025 11:30	2/10/2025 11:40	0.015	0.015	0.015	0.015	0.015	
Modem 49913	2/10/2025 11:20	2/10/2025 11:30	0.019	0.019	0.019	0.019	0.019	
Modem 49913	2/10/2025 11:10	2/10/2025 11:20	0.02	0.02	0.02	0.02	0.02	
Modem 49913	2/10/2025 11:00	2/10/2025 11:10	0.021	0.022	0.022	0.022	0.022	
Modem 49913	2/10/2025 10:50	2/10/2025 11:00	0.033	0.033	0.033	0.033	0.033	
Modem 49913	2/10/2025 10:40	2/10/2025 10:50	0.031	0.031	0.031	0.031	0.031	
Modem 49913	2/10/2025 10:30	2/10/2025 10:40	0.034	0.034	0.034	0.035	0.035	
Modem 49913	2/10/2025 10:20	2/10/2025 10:30	0.004	0.004	0.004	0.004	0.004	
Modem 49913	2/10/2025 10:10	2/10/2025 10:20	0.004	0.004	0.004	0.004	0.004	

**CHAIN OF CUSTODY RECORD**

H&A FILE NO. 0207349-002  
PROJECT NAME CVSD-Gun Club  
H&A CONTACT Breeyn Greer

LABORATORY Eurofins  
ADDRESS \_\_\_\_\_  
CONTACT \_\_\_\_\_

DELIVERY DATE 02/11/25  
TURNAROUND TIME 02/21/25  
PROJECT MANAGER \_\_\_\_\_

Sample No.	Date	Time	Depth	Type	Analysis Requested										Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)	
					PB EPA 6020	As EPA 6020	CPA Hg Project Specific List										
C-27-6-1	2/11/25	1405	6 ft	Soil	X	X	X									1	Laboratory to use applicable DEP CAM methods, unless otherwise directed.  Hold all samples not selected for analysis  4.2. 4.16 corr 1 page
C-27-6-2	2/11/25	1410	6 ft	Soil	X	X	X									1	
C-27-6-3	2/11/25	1415	6 ft	Soil												1	
C-27-6-4	2/11/25	1420	6 ft	Soil												1	
C-18-5-1	2/11/25	1430	5 ft	Soil	X	X	X									1	
C-18-5-2	2/11/25	1435	5 ft	Soil	X	X	X									1	
C-18-5-3	2/11/25	1440	5 ft	Soil												1	
C-18-5-4	2/11/25	1445	5 ft	Soil												1	
C-15-5-1	2/11/25	1450	5 ft	Soil	X	X	X									1	
C-15-5-2	2/11/25	1455	5 ft	Soil	X	X	X									1	

Sampled and Relinquished by  
Sign: [Signature]  
Print: Erick Cash/Mod 5/1  
Firm: HA  
Date: 2/11/25 Time: 1630

Received by  
Sign: [Signature]  
Print: Maakay Williams  
Firm: EFT SPD  
Date: 2/11/25 Time: 11030

LIQUID	
VOA Vial	
Amber Glass	
Plastic Bottle	
Preservative	
Volume	

Sampling Comments

Relinquished by  
Sign: \_\_\_\_\_  
Print: \_\_\_\_\_  
Firm: \_\_\_\_\_  
Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received by  
Sign: \_\_\_\_\_  
Print: \_\_\_\_\_  
Firm: \_\_\_\_\_  
Date: \_\_\_\_\_ Time: \_\_\_\_\_

SOLID	
VOA Vial	
Amber Glass	
Clear Glass	
Preservative	
Volume	

Evidence samples were tampered with? YES NO  
If YES, please explain in section below.

Relinquished by  
Sign: \_\_\_\_\_  
Print: \_\_\_\_\_  
Firm: \_\_\_\_\_  
Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received by  
Sign: \_\_\_\_\_  
Print: \_\_\_\_\_  
Firm: \_\_\_\_\_  
Date: \_\_\_\_\_ Time: \_\_\_\_\_

PRESERVATION KEY			
A Sample chilled	C NaOH	E H <sub>2</sub> SO <sub>4</sub>	G Methanol
B Sample filtered	D HNO <sub>3</sub>	F HCL	H Water/NaHSO <sub>4</sub> (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**

<input type="checkbox"/> RC-S1	<input type="checkbox"/> S1	<input type="checkbox"/> GW1
<input type="checkbox"/> RC-S2	<input type="checkbox"/> S2	<input type="checkbox"/> GW2
<input type="checkbox"/> RC-GW1	<input type="checkbox"/> S3	<input type="checkbox"/> GW3
<input type="checkbox"/> RC-GW2		

**CHAIN OF CUSTODY RECORD**

H&A FILE NO. 0202349-002 LABORATORY Eurofins DELIVERY DATE 02/11/25  
PROJECT NAME CVSD-Gunclub ADDRESS \_\_\_\_\_ TURNAROUND TIME 02/11/25  
H&A CONTACT Breeyn Greet CONTACT \_\_\_\_\_ PROJECT MANAGER \_\_\_\_\_

Sample No.	Date	Time	Depth	Type	Analysis Requested										Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)	
					Pb EPA 6070	As EPA 6020	Mo EPA 6020	PAHs Total	Spec: Pb List								
C-15-5-3	2/11/25	1500	5 ft	Soil													Laboratory to use applicable DEP CAM methods, unless otherwise directed.  Hold all samples not selected for analysis  4.2.4. Lecor Reel
C-15-5-4	2/11/25	1505	5 ft	Soil													
C-22-5-1	2/11/25	1510	5 ft	Soil	X	X	X										
C-22-5-2	2/11/25	1515	5 ft	Soil	X	X	X										
C-22-5-3	2/11/25	1520	5 ft	Soil													
C-22-5-4	2/11/25	1525	5 ft	Soil													
C-26-5-1	2/10/25	1515	5 ft	Soil	X	X	X										
C-26-5-2	2/10/25	1515	5 ft	Soil	X	X	X										
C-26-5-3	2/10/25	1515	5 ft	Soil													
C-26-5-4	2/10/25	1515	5 ft	Soil													

Sampled and Relinquished by		Received by		LIQUID										Sampling Comments			
Sign <u>[Signature]</u>	Sign <u>[Signature]</u>																
Print <u>Jack Casillo</u>	Print <u>Mackey Morris</u>																
Firm <u>HA</u>	Firm <u>EEL SPO</u>																
Date <u>2/11/25</u> Time <u>1630</u>	Date <u>2/11/25</u> Time <u>1630</u>																
Relinquished by		Received by		SOLID										Evidence samples were tampered with? YES NO			
Sign _____	Sign _____																If YES, please explain in section below.
Print _____	Print _____																
Firm _____	Firm _____																
Date _____ Time _____	Date _____ Time _____																
Relinquished by		Received by		PRESERVATION KEY													
Sign _____	Sign _____																
Print _____	Print _____																
Firm _____	Firm _____																
Date _____ Time _____	Date _____ Time _____																

**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.

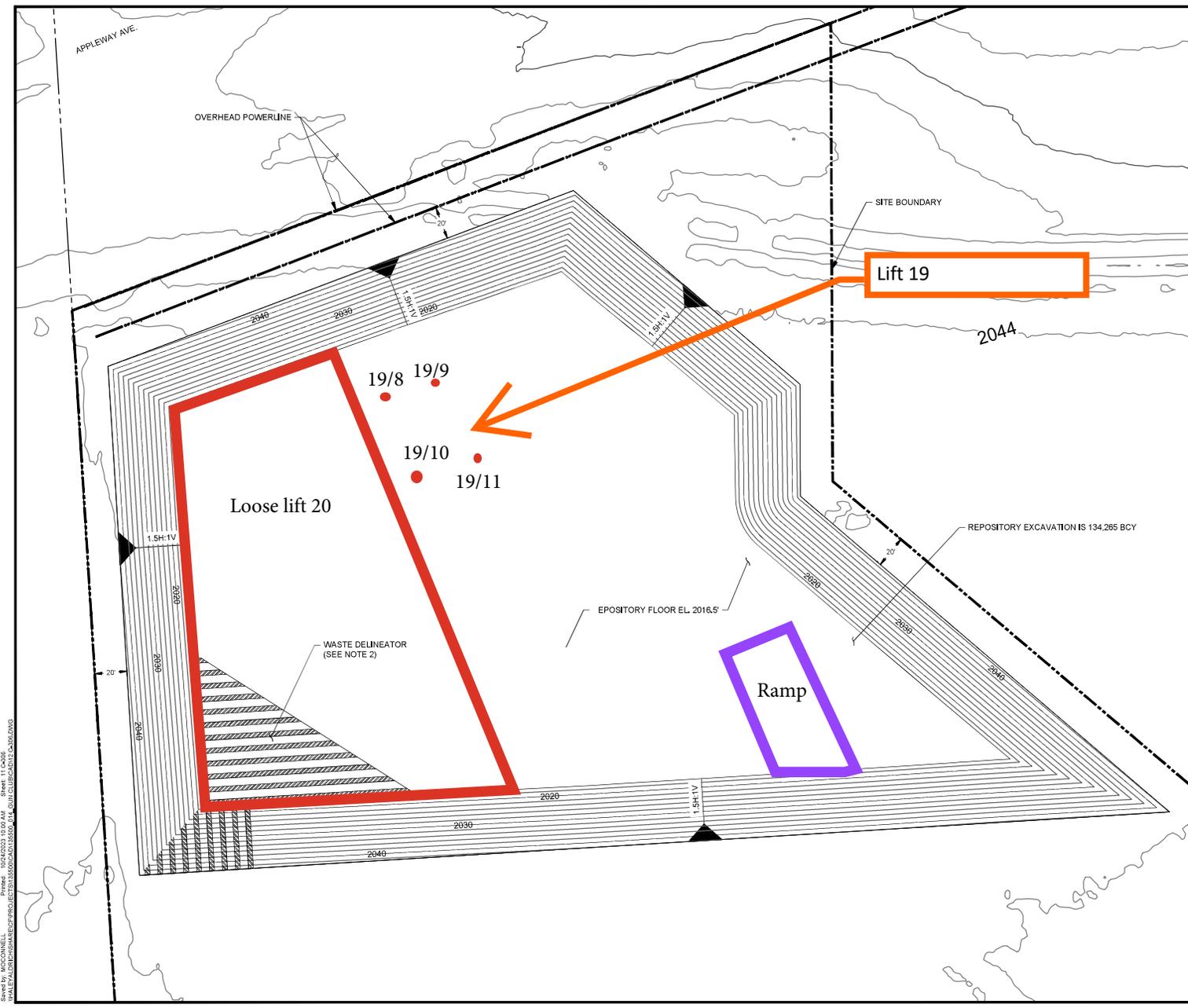
This Chain of Custody Record (specify) \_\_\_\_\_ includes \_\_\_\_\_ does not include samples defined as Drinking Water Samples.

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**

<input type="checkbox"/> RC-S1	<input type="checkbox"/> S1	<input type="checkbox"/> GW1
<input type="checkbox"/> RC-S2	<input type="checkbox"/> S2	<input type="checkbox"/> GW2
<input type="checkbox"/> RC-GW1	<input type="checkbox"/> S3	<input type="checkbox"/> GW3
<input type="checkbox"/> RC-GW2		





**NOTES**

1. PRIOR TO EXCAVATION TOPSOIL SHALL BE STRIPPED AND STOCKPILED.
2. A VISUAL REFERENCE FOR THE DELINEATION BETWEEN NATIVE SOIL AND MATERIAL PLACED IN THE REPOSITORY IS REQUIRED, REFERRED TO HEREIN AS A WASTE DELINEATOR.
3. ORANGE SILT FENCE IN ROLLS 5 FEET WIDE (OR AND APPROVED EQUAL) IS REQUIRED TO BE PLACED 8 FEET O.C. WITH A SPACING BETWEEN THE FABRIC OF 5 FEET IN THE BOTTOM AND ALONG THE CUT SLOPES OF THE REPOSITORY AS A WASTE DELINEATOR.
4. THE ORIENTATION OF THE WASTE DELINEATOR CAN VARY ACROSS THE BOTTOM OF THE REPOSITORY EXCAVATION AS APPROVED BY THE ENGINEER.
5. IMPACTED SOILS SHALL BE PLACED IN THE REPOSITORY IN HORIZONTAL LIFTS NOT TO EXCEED 1.5 FEET IN TOTAL THICKNESS AND COMPACTED TO AT LEAST 90% PER MODIFIED PROCTOR ASTM D 1557/ANSI TO T 180.
6. CONCRETE AND OTHER DEMOLITION DEBRIS APPROVED BY THE ENGINEER SHALL BE PLACED 10 OR MORE FEET BELOW THE LINER.
7. CONTRACTOR SHALL STOCKPILE BOULDERS WITH GREATEST DIMENSIONS LARGER THAN 24 INCHES IN THE STOCKPILE LOCATION SHOWN ON SHEET C-301 OR AS APPROVED BY THE ENGINEER.
8. WHEN PLACING BOULDERS OR COBBLES DO NOT NEST THEM SUCH THAT VOIDS ARE CREATED. BOULDERS AND COBBLES SHALL BE SPREAD OUT UNIFORMLY SO SOIL FILLS AROUND THEM.
9. PLACEMENT OF OVERSIZE MATERIALS (12 - 24 INCHES) SHALL ALLOW COMPACTION EQUIPMENT TO COMPACT AROUND THE SIDES WITHOUT BEING IN CONTACT WITH NEARBY OVERSIZE MATERIAL THAT PRECLUDES UNIFORM COMPACTION.
10. CONCRETE BROKEN INTO PIECES 12 TO 24 INCHES SHALL BE TREATED THE SAME AS OVERSIZE MATERIAL.
11. CONCRETE SLABS CAN BE INCORPORATED INTO FILL WITHOUT PROCESSING IF THEY ARE PLACED ON A LEVEL SURFACE (E.G. NOT DUMPED), SUCH THAT THEY ARE FIRMLY SEATED AND BACKFILLED WITH SAND AND GRAVEL. CONCRETE SLABS SHALL NOT BE STACKED NESTED OR OTHERWISE PLACED SUCH THAT VOIDS ARE CREATED.
12. CONTRACTOR SHALL PROVIDE AN EXCAVATION PLAN WHICH INCLUDES BOTH THE REPOSITORY EXCAVATION AND BACKFILLING AND THE EXCAVATION OF IMPACTED SOILS.

**HALEY ALDRICH**  
 HALEY & ALDRICH  
 505 W. RIVERSIDE AVE, SUITE 205  
 SPOKANE, WA 99201  
 TEL: 509.303.7447  
 WWW.HALEYALDRICH.COM

Project No.	202349-001
Scale	SHOWN
Date	10/17/2023
Drawn By	ZSM/CG
Designed By	BD
Checked By	KH
Approved By	JH/KH
Stamp	

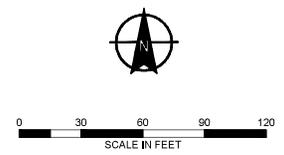


Rev.	Description	By	Date
1	ISSUED FOR ECOLOGY	BD	05/16/23
0	ISSUED FOR PER	BD	10/10/23

CVSD GUN CLUB  
 CLEANUP PROJECT  
 19615 E. SPRAGUE AVE, #9656  
 SPOKANE VALLEY,  
 WASHINGTON

**REPOSITORY  
 SUBGRADE  
 EXCAVATION PLAN**

**C-306**  
 Sheet 11 of 21



Shared by: MCDONNELL  
 HALEYALDRICH\BANKEN\PROJECTS\1556000\01\050500\04\GUN CLUB\CAD\0112\C-306.rvt  
 Printed: 10/24/2023 10:50 AM Sheet: 11 of 26

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	62
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	12 February 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 3
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Sunny	<b>Temperature</b>	0-17°F

**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: Halme did not excavate contaminated soil today.
- b. Confirmation Sampling: Confirmation sampling was conducted on-Site today. Halme assisted in sampling today by using an excavator to scarify frozen layers of soil allowing Haley & Aldrich, Inc. (H&A) to sample more effectively. A total of seven Sampling Units were sampled today. These locations are shown in the attached Confirmation Sampling Plan.
- c. Backfill: H&A observed scarifying and recompacting of the remaining uncovered portions of Lift No. 19 and backfilling of Lift No. 20. H&A utilized a Troxler E-Gauge 4590 for compaction testing. Areas demonstrating failing compaction values areas were either recompacted or scarified and recompacted, respectively, based on H&A instruction. Halme utilized a CAT CS-563E vibrating roller for compaction today; this roller is smaller than the previously utilized CAT 825C roller. Due to the smaller and lighter weight roller, significant effort was needed to achieve passing compaction values. Approximately 10 passes were needed to achieve acceptable compaction values; this caused compaction progress to be slowed. By the end of the day Lift No. 19 had been verified for compaction and covered by Lift No. 20.

**II. DUST MONITORING:**

Dust Monitors (DMs) with telemetry capabilities were deployed in advance of excavation and backfill today and operated from 07:20 to 15:00. Samsara DM 47181 was positioned upwind of Site work and DM 49913 was positioned downwind of Site work. The relative humidity in the morning was approximately 80% and the wind was to the west-east.

Dust levels did not exceed the threshold of 2.5 milligrams per square meter (mg/m<sup>3</sup>) total particulates at the property boundary. However, the threshold of 0.025 mg/m<sup>3</sup> PM<sub>10</sub> 120-minute rolling average at the downwind property boundary was exceeded for a short period of time. Haley & Aldrich believe this is due to humidity based on observations that exceedances were observed at roughly the same time for both upwind and downwind monitors. Site observations indicated that dust was well-controlled. Dust monitoring data is attached.

**III. COMPACTION TESTING**

The Troxler E-Gauge 4590 was utilized for compaction testing, with a density greater than or equal to 90% of the 134.0 pounds per square foot (lbs./ft<sup>3</sup>) proctor indicating adequate compaction. Areas demonstrating non-compliance due to inadequate compaction were either recompacted or scarified and recompacted, respectively, based on H&A instruction.

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	62
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	12 February 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	2 of 3
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Sunny	<b>Temperature</b>	0-17°F

The follow compaction tests were performed today:

Table 1. Compaction Testing Results						
Test Location	% Proctor	Dry Density (pcf)	Wet Density (pcf)	Moisture	% Moisture	Test Result
19/1	91.9	123.2	125.5	2.3	1.9	Pass
19/2	89.0	119.3	121.8	3.5	2.9	Fail
19/3	87.1	116.8	118.9	2.1	1.8	Fail
19/4	86.8	116.4	119.3	3.0	2.6	Fail
19/5	89.4	119.8	122.8	3.0	2.5	Fail
19/6	90.6	121.4	124.2	2.8	2.3	Pass
19/7	88.7	118.8	121.4	2.6	2.2	Fail
19/8	94.4	126.4	129.1	2.7	2.1	Pass
19/9	83.3	111.7	114.1	2.4	2.2	Fail
19/10	91.9	123.2	126.4	3.2	2.6	Pass
19/11	81.7	109.4	111.6	2.2	2.0	Fail
19/12	92.9	124.5	127.4	2.9	2.3	Pass
19/13	92.5	124.0	127.4	3.3	2.7	Pass
19/14	93.1	124.8	128.4	3.6	2.9	Pass
19/15	95.4	127.8	131.5	3.7	2.9	Pass
20/1	82.2	110.1	112.1	2.0	1.8	Fail

Compaction testing Lift No. 19 resulted in eight passing tests and seven failing tests. This compaction testing cleared the entire Lift No. 19 which was then backfilled by Lift No. 20, closing out Lift No. 19. Passing test locations for Lift No. 19 are shown in the attached Repository Subgrade Excavation Plan. Lift No. 20 was compaction tested in one location, but failed this compaction test.

**IV. CONFIRMATION SAMPLING**

Samples collected today are shown in the attached Chain of Custody (COC) Record.

**Discussions:**

<b><u>Name</u></b>	<b><u>Topic</u></b>
Halme; H&A	H&A spoke with David of Halme throughout the Lift compaction process, issuing guidance on which areas needed to be scarified and/or recompacted.

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	62
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	12 February 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	3 of 3
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Sunny	<b>Temperature</b>	0-17°F

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<u>Field Representative(s)</u>	<u>Time on site</u>	<u>Report/Travel/Other</u>	<u>Total</u>
Cameron Luckey	9.5 hours	1.5 hours	11.0 hours

**Distribution:**

CVSD; Attn: Jay Rowell  
OAC Services, Inc.; Attn: Jeff Jurgensen

**Attachments:**

Attachment A – Photolog  
Attachment B – Dust Monitoring Data  
Attachment C – Chain of Custody Record  
Attachment D – Confirmation Sampling Plan  
Attachment E – Repository Subgrade Excavation Plan



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Haley & Aldrich, Inc.

[https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/02 - February/02\\_12\\_25\\_CAL\\_DFR\\_62/02\\_12\\_25\\_CAL\\_DFR.docx](https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/02 - February/02_12_25_CAL_DFR_62/02_12_25_CAL_DFR.docx)



Photo 01. Repository progress end of day (view looking northwest).



Photo 02. Compaction progress at end of day (view looking north).

**Site Photographs – 12 February 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA



**Attachment A**



Photo 03. Example of Halme Construction, Inc. opening up areas with an excavator bucket for sampling (view looking northwest).



Photo 04. Portion of the northern contaminated stockpile that was removed and deposited into the repository today (view looking east).

**Site Photographs – 12 February 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA



**Attachment A**

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT  
 SPOKANE VALLEY, WASHINGTON  
 FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
<b>Upwind</b>								
Modem 47181	2/12/2025 18:53	2/12/2025 19:00	0.012	0.012	0.012	0.013	0.013	0.0145
Modem 47181	2/12/2025 18:43	2/12/2025 18:53	0.012	0.013	0.013	0.013	0.013	0.0165
Modem 47181	2/12/2025 18:33	2/12/2025 18:43	0.011	0.011	0.011	0.012	0.012	0.016
Modem 47181	2/12/2025 18:23	2/12/2025 18:33	0.01	0.01	0.01	0.01	0.01	0.015
Modem 47181	2/12/2025 18:13	2/12/2025 18:23	0.009	0.009	0.009	0.009	0.009	0.0145
Modem 47181	2/12/2025 18:03	2/12/2025 18:13	0.01	0.01	0.011	0.011	0.011	0.016
Modem 47181	2/12/2025 17:53	2/12/2025 18:03	0.009	0.009	0.009	0.009	0.009	0.0165
Modem 47181	2/12/2025 17:43	2/12/2025 17:53	0.012	0.013	0.013	0.013	0.013	0.0175
Modem 47181	2/12/2025 17:33	2/12/2025 17:43	0.013	0.013	0.014	0.014	0.014	0.018
Modem 47181	2/12/2025 17:23	2/12/2025 17:33	0.014	0.014	0.014	0.014	0.015	0.0205
Modem 47181	2/12/2025 17:13	2/12/2025 17:23	0.015	0.015	0.016	0.016	0.016	0.0215
Modem 47181	2/12/2025 17:03	2/12/2025 17:13	0.014	0.014	0.014	0.014	0.014	0.021
Modem 47181	2/12/2025 16:53	2/12/2025 17:03	0.015	0.015	0.016	0.016	0.016	0.023
Modem 47181	2/12/2025 16:43	2/12/2025 16:53	0.019	0.019	0.019	0.02	0.02	0.0255
Modem 47181	2/12/2025 16:33	2/12/2025 16:43	0.019	0.019	0.019	0.02	0.02	0.0265
Modem 47181	2/12/2025 16:23	2/12/2025 16:33	0.019	0.019	0.02	0.02	0.02	0.0275
Modem 47181	2/12/2025 16:13	2/12/2025 16:23	0.019	0.019	0.019	0.02	0.02	0.0275
Modem 47181	2/12/2025 16:03	2/12/2025 16:13	0.021	0.021	0.021	0.021	0.021	0.0285
Modem 47181	2/12/2025 15:53	2/12/2025 16:03	0.022	0.022	0.023	0.023	0.024	0.0285
Modem 47181	2/12/2025 15:43	2/12/2025 15:53	0.022	0.022	0.022	0.022	0.022	0.0275
Modem 47181	2/12/2025 15:33	2/12/2025 15:43	0.022	0.022	0.022	0.022	0.022	0.0275
Modem 47181	2/12/2025 15:23	2/12/2025 15:33	0.025	0.026	0.026	0.026	0.026	0.0305
Modem 47181	2/12/2025 15:13	2/12/2025 15:23	0.027	0.027	0.027	0.027	0.027	0.031
Modem 47181	2/12/2025 15:03	2/12/2025 15:13	0.028	0.028	0.028	0.028	0.028	0.032
Modem 47181	2/12/2025 14:53	2/12/2025 15:03	0.029	0.029	0.029	0.03	0.03	0.0335
Modem 47181	2/12/2025 14:43	2/12/2025 14:53	0.03	0.03	0.03	0.031	0.031	0.034
Modem 47181	2/12/2025 14:33	2/12/2025 14:43	0.032	0.032	0.032	0.033	0.033	0.035
Modem 47181	2/12/2025 14:23	2/12/2025 14:33	0.034	0.034	0.035	0.035	0.035	0.0365
Modem 47181	2/12/2025 14:13	2/12/2025 14:23	0.035	0.035	0.035	0.035	0.035	0.034
Modem 47181	2/12/2025 14:03	2/12/2025 14:13	0.034	0.035	0.035	0.036	0.036	0.0345
Modem 47181	2/12/2025 13:53	2/12/2025 14:03	0.032	0.032	0.033	0.033	0.033	0.0325
Modem 47181	2/12/2025 13:43	2/12/2025 13:53	0.031	0.032	0.032	0.033	0.033	0.03
Modem 47181	2/12/2025 13:33	2/12/2025 13:43	0.033	0.033	0.033	0.033	0.033	0.03
Modem 47181	2/12/2025 13:23	2/12/2025 13:33	0.035	0.035	0.035	0.035	0.035	0.0375
Modem 47181	2/12/2025 13:13	2/12/2025 13:23	0.034	0.034	0.035	0.035	0.035	0.0315
Modem 47181	2/12/2025 13:03	2/12/2025 13:13	0.035	0.036	0.036	0.036	0.036	0.03
Modem 47181	2/12/2025 12:53	2/12/2025 13:03	0.036	0.036	0.036	0.037	0.037	0.029
Modem 47181	2/12/2025 12:43	2/12/2025 12:53	0.036	0.037	0.037	0.037	0.037	0.032
Modem 47181	2/12/2025 12:33	2/12/2025 12:43	0.037	0.037	0.037	0.037	0.037	0.032
Modem 47181	2/12/2025 12:23	2/12/2025 12:33	0.037	0.037	0.037	0.038	0.038	0.038
Modem 47181	2/12/2025 12:13	2/12/2025 12:23	0.033	0.033	0.033	0.033	0.033	0.0335
Modem 47181	2/12/2025 12:03	2/12/2025 12:13	0.032	0.032	0.032	0.033	0.033	
Modem 47181	2/12/2025 11:53	2/12/2025 12:03	0.031	0.031	0.031	0.032	0.032	
Modem 47181	2/12/2025 11:43	2/12/2025 11:53	0.027	0.027	0.027	0.027	0.027	
Modem 47181	2/12/2025 11:33	2/12/2025 11:43	0.027	0.027	0.027	0.027	0.027	
Modem 47181	2/12/2025 11:23	2/12/2025 11:33	0.039	0.039	0.04	0.04	0.04	

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
Modem 47181	2/12/2025 11:13	2/12/2025 11:23	0.028	0.028	0.028	0.028	0.028	
Modem 47181	2/12/2025 11:03	2/12/2025 11:13	0.024	0.024	0.024	0.024	0.024	
Modem 47181	2/12/2025 10:53	2/12/2025 11:03	0.021	0.021	0.021	0.021	0.021	
Modem 47181	2/12/2025 10:43	2/12/2025 10:53	0.027	0.027	0.027	0.027	0.027	
Modem 47181	2/12/2025 10:33	2/12/2025 10:43	0.027	0.027	0.027	0.027	0.027	
Modem 47181	2/12/2025 10:23	2/12/2025 10:33	0.038	0.038	0.038	0.038	0.038	
Modem 47181	2/12/2025 10:13	2/12/2025 10:23	0.034	0.034	0.034	0.034	0.034	
<b>Downwind</b>								
Modem 49913	2/12/2025 18:53	2/12/2025 19:00	0.007	0.007	0.007	0.008	0.008	0.009
Modem 49913	2/12/2025 18:43	2/12/2025 18:53	0.006	0.006	0.006	0.006	0.006	0.0105
Modem 49913	2/12/2025 18:33	2/12/2025 18:43	0.005	0.005	0.005	0.006	0.006	0.0105
Modem 49913	2/12/2025 18:23	2/12/2025 18:33	0.005	0.005	0.005	0.005	0.005	0.011
Modem 49913	2/12/2025 18:13	2/12/2025 18:23	0.006	0.006	0.006	0.007	0.007	0.013
Modem 49913	2/12/2025 18:03	2/12/2025 18:13	0.005	0.005	0.005	0.005	0.005	0.012
Modem 49913	2/12/2025 17:53	2/12/2025 18:03	0.006	0.006	0.006	0.006	0.006	0.012
Modem 49913	2/12/2025 17:43	2/12/2025 17:53	0.008	0.008	0.008	0.008	0.008	0.013
Modem 49913	2/12/2025 17:33	2/12/2025 17:43	0.009	0.009	0.009	0.009	0.009	0.0135
Modem 49913	2/12/2025 17:23	2/12/2025 17:33	0.011	0.011	0.011	0.012	0.012	0.0185
Modem 49913	2/12/2025 17:13	2/12/2025 17:23	0.011	0.011	0.011	0.012	0.012	0.019
Modem 49913	2/12/2025 17:03	2/12/2025 17:13	0.011	0.012	0.012	0.012	0.012	0.0195
Modem 49913	2/12/2025 16:53	2/12/2025 17:03	0.01	0.01	0.01	0.01	0.01	0.019
Modem 49913	2/12/2025 16:43	2/12/2025 16:53	0.014	0.014	0.014	0.015	0.015	0.0225
Modem 49913	2/12/2025 16:33	2/12/2025 16:43	0.015	0.015	0.015	0.015	0.015	0.0235
Modem 49913	2/12/2025 16:23	2/12/2025 16:33	0.016	0.016	0.017	0.017	0.017	0.0255
Modem 49913	2/12/2025 16:13	2/12/2025 16:23	0.018	0.018	0.018	0.019	0.019	0.0265
Modem 49913	2/12/2025 16:03	2/12/2025 16:13	0.019	0.019	0.019	0.019	0.019	0.0255
Modem 49913	2/12/2025 15:53	2/12/2025 16:03	0.018	0.018	0.018	0.018	0.018	0.0245
Modem 49913	2/12/2025 15:43	2/12/2025 15:53	0.017	0.017	0.018	0.018	0.018	0.0245
Modem 49913	2/12/2025 15:33	2/12/2025 15:43	0.018	0.018	0.018	0.018	0.018	0.0255
Modem 49913	2/12/2025 15:23	2/12/2025 15:33	0.024	0.024	0.024	0.025	0.025	0.0295
Modem 49913	2/12/2025 15:13	2/12/2025 15:23	0.025	0.025	0.025	0.025	0.026	0.03
Modem 49913	2/12/2025 15:03	2/12/2025 15:13	0.026	0.026	0.027	0.027	0.027	0.0315
Modem 49913	2/12/2025 14:53	2/12/2025 15:03	0.028	0.028	0.028	0.028	0.028	0.0325
Modem 49913	2/12/2025 14:43	2/12/2025 14:53	0.03	0.03	0.03	0.03	0.03	0.034
Modem 49913	2/12/2025 14:33	2/12/2025 14:43	0.032	0.032	0.032	0.032	0.032	0.035
Modem 49913	2/12/2025 14:23	2/12/2025 14:33	0.033	0.033	0.033	0.034	0.034	0.0355
Modem 49913	2/12/2025 14:13	2/12/2025 14:23	0.033	0.033	0.033	0.034	0.034	0.035
Modem 49913	2/12/2025 14:03	2/12/2025 14:13	0.03	0.03	0.031	0.031	0.032	0.033
Modem 49913	2/12/2025 13:53	2/12/2025 14:03	0.031	0.031	0.031	0.031	0.031	0.032
Modem 49913	2/12/2025 13:43	2/12/2025 13:53	0.03	0.031	0.031	0.031	0.031	0.0285
Modem 49913	2/12/2025 13:33	2/12/2025 13:43	0.032	0.033	0.033	0.033	0.033	0.0305
Modem 49913	2/12/2025 13:23	2/12/2025 13:33	0.033	0.033	0.033	0.034	0.034	0.03
Modem 49913	2/12/2025 13:13	2/12/2025 13:23	0.034	0.034	0.034	0.034	0.034	0.0305
Modem 49913	2/12/2025 13:03	2/12/2025 13:13	0.035	0.035	0.035	0.035	0.036	0.031
Modem 49913	2/12/2025 12:53	2/12/2025 13:03	0.036	0.036	0.036	0.037	0.037	0.0295
Modem 49913	2/12/2025 12:43	2/12/2025 12:53	0.038	0.038	0.038	0.038	0.038	0.031
Modem 49913	2/12/2025 12:33	2/12/2025 12:43	0.038	0.038	0.038	0.038	0.038	0.0245

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
Modem 49913	2/12/2025 12:23	2/12/2025 12:33	0.036	0.037	0.037	0.037	0.037	0.024
Modem 49913	2/12/2025 12:13	2/12/2025 12:23	0.035	0.035	0.035	0.036	0.036	0.0235
Modem 49913	2/12/2025 12:03	2/12/2025 12:13	0.034	0.034	0.034	0.034	0.034	
Modem 49913	2/12/2025 11:53	2/12/2025 12:03	0.033	0.033	0.033	0.033	0.033	
Modem 49913	2/12/2025 11:43	2/12/2025 11:53	0.026	0.026	0.026	0.026	0.026	
Modem 49913	2/12/2025 11:33	2/12/2025 11:43	0.027	0.027	0.027	0.028	0.028	
Modem 49913	2/12/2025 11:23	2/12/2025 11:33	0.026	0.026	0.026	0.026	0.026	
Modem 49913	2/12/2025 11:13	2/12/2025 11:23	0.027	0.027	0.027	0.027	0.027	
Modem 49913	2/12/2025 11:03	2/12/2025 11:13	0.026	0.026	0.026	0.026	0.026	
Modem 49913	2/12/2025 10:53	2/12/2025 11:03	0.022	0.022	0.022	0.022	0.022	
Modem 49913	2/12/2025 10:43	2/12/2025 10:53	0.023	0.023	0.023	0.024	0.024	
Modem 49913	2/12/2025 10:33	2/12/2025 10:43	0.01	0.01	0.01	0.011	0.011	
Modem 49913	2/12/2025 10:23	2/12/2025 10:33	0.01	0.01	0.01	0.011	0.011	
Modem 49913	2/12/2025 10:13	2/12/2025 10:23	0.01	0.01	0.01	0.011	0.011	



Haley & Aldrich, Inc.  
505 W. Riverside,  
Suite 450,  
Spokane WA, 99201

# CHAIN OF CUSTODY RECORD

Phone (617) 886-7400  
Fax (617) 886-7600

Page 1 of 3

H&A FILE NO. 0202349-002  
PROJECT NAME CUSD Gun Club  
H&A CONTACT Breeyn Greer

LABORATORY Eurofins  
ADDRESS \_\_\_\_\_  
CONTACT \_\_\_\_\_

DELIVERY DATE 02/12/25  
TURNAROUND TIME 2/24/25  
PROJECT MANAGER Breeyn Greer

Sample No.	Date	Time	Depth ft	Type	Analysis Requested										Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)	
					PBEPA 6020	AS EPA 6020	EPA6 Project Specific List										
C-140-2-1	2/12/25	0900	2 ft	Soil	X	X	X									1	Laboratory to use applicable DEP CAM methods, unless otherwise directed.  Hold all samples not Selected for analysis  1.4, 1.8 con HCO <sub>3</sub>
C-140-2-2	2/12/25	0905	2		X	X	X									1	
C-140-2-3	2/12/25	0910	2													1	
C-140-2-4	2/12/25	0915	2													1	
C-134-2-1	2/12/25	0915	2		X	X	X									1	
C-134-2-2	2/12/25	0920	2		X	X	X									1	
C-134-2-3	2/12/25	0925	2													1	
C-134-2-4	2/12/25	0930	2													1	
C-119-2-1	2/12/25	1050	2		X	X	X									1	
C-119-2-2	2/12/25	1055	2		X	X	X									1	

Sampled and Relinquished by \_\_\_\_\_  
Received by \_\_\_\_\_  
Sign \_\_\_\_\_  
Print Zack Castillo  
Firm HA  
Date 2/12/25 Time 1413

LIQUID  
VOA Vial  
Amber Glass  
Plastic Bottle  
Preservative  
Volume

Sampling Comments

Relinquished by \_\_\_\_\_  
Received by \_\_\_\_\_  
Sign \_\_\_\_\_  
Print \_\_\_\_\_  
Firm \_\_\_\_\_  
Date \_\_\_\_\_ Time \_\_\_\_\_

SOLID  
VOA Vial  
Amber Glass  
Clear Glass  
Preservative  
Volume

Evidence samples were tampered with? YES NO  
If YES, please explain in section below.

Relinquished by \_\_\_\_\_  
Received by \_\_\_\_\_  
Sign \_\_\_\_\_  
Print \_\_\_\_\_  
Firm \_\_\_\_\_  
Date \_\_\_\_\_ Time \_\_\_\_\_

PRESERVATION KEY  
A Sample chilled    C NaOH    E H<sub>2</sub>SO<sub>4</sub>    G Methanol  
B Sample filtered    D HNO<sub>3</sub>    F HCL    H Water/NaHSO<sub>4</sub> (circle)

Evidence samples were tampered with? YES NO  
If YES, please explain in section below.

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

Presumptive Certainty Data Package (Laboratory to use applicable DEP CAM methods)

Required Reporting Limits and Data Quality Objectives

RC-S1                       S1                       GW1  
 RC-S2                       S2                       GW2  
 RC-GW1                       S3                       GW3  
 RC-GW2



Haley & Aldrich, Inc.  
505 W. Riverside,  
Suite 450,  
Spokane WA, 99201

# CHAIN OF CUSTODY RECORD

Phone (617) 886-7400  
Fax (617) 886-7600

Page 2 of 3

H&A FILE NO. 0202349-002  
PROJECT NAME CUSD GunClub  
H&A CONTACT Breeyn Greer

LABORATORY EuroFins  
ADDRESS \_\_\_\_\_  
CONTACT \_\_\_\_\_

DELIVERY DATE 02/12/25  
TURNAROUND TIME 2/24/25  
PROJECT MANAGER Breeyn Greer

Sample No.	Date	Time	Depth ft	Type	Analysis Requested										Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)		
					Pb EPA 6020	As EPA 6020	Cd EPA 6020	Cu EPA 6020	Cr EPA 6020	Mn EPA 6020	Ni EPA 6020	Se EPA 6020	Ag EPA 6020	Hg EPA 6020			Co EPA 6020	Specialist
C-119-2-3	2/12/25	1100	2	Soil														
C-119-2-4		1105	2															
C-108-1-1		1130	1		X	X	X											
C-108-1-2		1135	1		X	X	X											
C-108-1-3		1140	1															
C-108-1-4		1145	1															
C-104-1-1		1210	1		X	X	X											
C-104-1-2		1215	1		X	X	X											
C-104-1-3		1220	1															
C-104-1-4		1225	1															

Laboratory to use applicable DEP CAM methods, unless otherwise directed.

Hold all samples not selected for analysis

1.4, 1.8 com keep

Sampled and Relinquished by  
Sign [Signature]  
Print Zack Castillo de Silva  
Firm HA  
Date 2/12/25 Time 1413

Received by  
Sign [Signature]  
Print Wacky Morris  
Firm EuroFins  
Date 2/12/25 Time 1413

LIQUID


Sampling Comments

Relinquished by  
Sign \_\_\_\_\_  
Print \_\_\_\_\_  
Firm \_\_\_\_\_  
Date \_\_\_\_\_ Time \_\_\_\_\_

Received by  
Sign \_\_\_\_\_  
Print \_\_\_\_\_  
Firm \_\_\_\_\_  
Date \_\_\_\_\_ Time \_\_\_\_\_

SOLID


Evidence samples were tampered with? YES NO  
If YES, please explain in section below.

Relinquished by  
Sign \_\_\_\_\_  
Print \_\_\_\_\_  
Firm \_\_\_\_\_  
Date \_\_\_\_\_ Time \_\_\_\_\_

Received by  
Sign \_\_\_\_\_  
Print \_\_\_\_\_  
Firm \_\_\_\_\_  
Date \_\_\_\_\_ Time \_\_\_\_\_

PRESERVATION KEY

- A Sample chilled      C NaOH      E H<sub>2</sub>SO<sub>4</sub>      G Methanol
- B Sample filtered      D HNO<sub>3</sub>      F HCL      H Water/NaHSO<sub>4</sub> (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
- |                                 |                             |                              |
|---------------------------------|-----------------------------|------------------------------|
| <input type="checkbox"/> RC-S1  | <input type="checkbox"/> S1 | <input type="checkbox"/> GW1 |
| <input type="checkbox"/> RC-S2  | <input type="checkbox"/> S2 | <input type="checkbox"/> GW2 |
| <input type="checkbox"/> RC-GW1 | <input type="checkbox"/> S3 | <input type="checkbox"/> GW3 |
| <input type="checkbox"/> RC-GW2 |                             |                              |

# CHAIN OF CUSTODY RECORD

H&A FILE NO. 0202349-002  
PROJECT NAME CUSD Gun club  
H&A CONTACT Breeyn Greer

LABORATORY Eurofins  
ADDRESS \_\_\_\_\_  
CONTACT \_\_\_\_\_

DELIVERY DATE 2/12/25  
TURNAROUND TIME 2/24/25  
PROJECT MANAGER Breeyn Greer

Sample No.	Date	Time	Depth ft	Type	Analysis Requested										Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)	
					PEPA 6020	AsEPA 6020	CPAHs Project Specific List										
C-118-5-1	2/12/25	1230	5	Soil	X	X	X										Laboratory to use applicable DEP CAM methods, unless otherwise directed.  <i>Hold all samples not selected for analysis</i>
C-118-5-2		1235	5		X	X	X										
C-118-5-3		1240	5														
C-118-5-4		1245	5														
C-123-10-1		1255	10		X	X	X										
C-123-10-2		1300	10		X	X	X										
C-123-10-3		1305	10														
C-123-10-4		1310	10														

Sampled and Relinquished by  
Sign [Signature]  
Print Zach Costello, S.I.  
Firm HA  
Date 2/12/25 Time 1413

Received by  
Sign [Signature]  
Print Mackey Morris  
Firm ETSPO  
Date 2/12/25 Time 1413

LIQUID  
VOA Vial  
Amber Glass  
Plastic Bottle  
Preservative  
Volume

1.4, 1.8 com IPCCU  
Sampling Comments

Relinquished by  
Sign \_\_\_\_\_  
Print \_\_\_\_\_  
Firm \_\_\_\_\_  
Date \_\_\_\_\_ Time \_\_\_\_\_

Received by  
Sign \_\_\_\_\_  
Print \_\_\_\_\_  
Firm \_\_\_\_\_  
Date \_\_\_\_\_ Time \_\_\_\_\_

SOLID  
VOA Vial  
Amber Glass  
Clear Glass  
Preservative  
Volume

Evidence samples were tampered with? YES NO  
(if YES, please explain in section below.)

Relinquished by  
Sign \_\_\_\_\_  
Print \_\_\_\_\_  
Firm \_\_\_\_\_  
Date \_\_\_\_\_ Time \_\_\_\_\_

Received by  
Sign \_\_\_\_\_  
Print \_\_\_\_\_  
Firm \_\_\_\_\_  
Date \_\_\_\_\_ Time \_\_\_\_\_

PRESERVATION KEY  
A Sample chilled    C NaOH    E H<sub>2</sub>SO<sub>4</sub>    G Methanol  
B Sample filtered    D HNO<sub>3</sub>    F HCL    H Water/NaHSO<sub>4</sub> (circle)

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

**NOTES**

1. CONTRACTOR IS RESPONSIBLE FOR SURVEYING AND DELINEATING THE LIMITS OF THE SAMPLE UNITS SHOWN, AS NECESSARY TO COMPLETE THE WORK.
2. CONTRACTOR SHALL NOT BACKFILL WITHIN THE LIMITS OF ANY INDIVIDUAL SAMPLING UNTIL RECEIVING APPROVAL BY THE ENGINEER.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR CONFIRMATION SAMPLING AT LEAST 2 WORKING DAYS IN ADVANCE FOR EACH SAMPLING UNIT.
4. ALLOW UP TO 5 DAYS FOR THE ENGINEER TO COLLECT CONFIRMATION SAMPLES FOLLOWING IMPACTED SOIL EXCAVATION AND 10 TO 15 DAYS FOR ANALYTICAL RESULTS. CONFIRMATION SAMPLING RESULTS ARE EXPECTED TO TAKE BETWEEN 10 AND 15 DAYS, POSSIBLY LONGER. THE EXACT NUMBER OF DAYS REQUIRED WILL NOT BE KNOWN UNTIL THE FIRST SAMPLES ARE PROCESSED AND COULD VARY BETWEEN SAMPLING UNITS DEPENDING ON SHIPPING AND MOISTURE CONTENT. THE CONTRACTOR SHALL PLAN THE WORK ACCORDINGLY.
5. ONCE A SAMPLING UNIT IS DESIGNATED FOR CONFIRMATION SAMPLING IMPACTED SOILS SHALL NO LONGER BE TRANSPORTED THROUGH THAT SAMPLING UNIT.
6. CLEAN BACKFILL FROM THE REPOSITORY CAN BE STOCKPILED ADJACENT TO SAMPLING UNITS OUTSIDE THE LIMITS OF EXCAVATION IN LOCATIONS APPROVED BY THE ENGINEER.

**LEGEND**

73	SAMPLE UNIT ID
0.39	AREA (ACRES)

UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)
1	0.27	59	0.25	117	0.30
2	0.24	60	0.21	118	0.35
3	0.30	61	0.31	119	0.35
4	0.31	62	0.23	120	0.24
5	0.25	63	0.18	121	0.31
6	0.30	64	0.20	122	0.22
7	0.25	65	0.26	123	0.16
8	0.25	66	0.30	124	0.34
9	0.25	67	0.24	125	0.21
10	0.36	68	0.21	126	0.31
11	0.31	69	0.28	127	0.25
12	0.25	70	0.36	128	0.26
13	0.29	71	0.21	129	0.26
14	0.28	72	0.30	130	0.26
15	0.20	73	0.39	131	0.38
16	0.23	74	0.27	132	0.24
17	0.37	75	0.28	133	0.34
18	0.21	76	0.25	134	0.27
19	0.37	77	0.16	135	0.27
20	0.25	78	0.23	136	0.28
21	0.31	79	0.27	137	0.27
22	0.22	80	0.31	138	0.13
23	0.32	81	0.28	139	0.25
24	0.29	82	0.26	140	0.34
25	0.29	83	0.20	141	0.25
26	0.27	84	0.31	142	0.27
27	0.30	85	0.24	143	0.32
28	0.25	86	0.27	144	0.24
29	0.34	87	0.32	145	0.24
30	0.32	88	0.21	146	0.23
31	0.24	89	0.24	TOTAL	39.42
32	0.31	90	0.23		
33	0.23	91	0.25		
34	0.28	92	0.24		
35	0.27	93	0.26		
36	0.25	94	0.23		
37	0.25	95	0.28		
38	0.26	96	0.30		
39	0.25	97	0.16		
40	0.36	98	0.27		
41	0.32	99	0.30		
42	0.32	100	0.27		
43	0.33	101	0.13		
44	0.30	102	0.22		
45	0.25	103	0.33		
46	0.33	104	0.28		
47	0.27	105	0.27		
48	0.27	106	0.25		
49	0.20	107	0.13		
50	0.36	108	0.27		
51	0.37	109	0.26		
52	0.23	110	0.28		
53	0.26	111	0.32		
54	0.27	112	0.19		
55	0.26	113	0.32		
56	0.26	114	0.26		
57	0.33	115	0.32		
58	0.26	116	0.29		

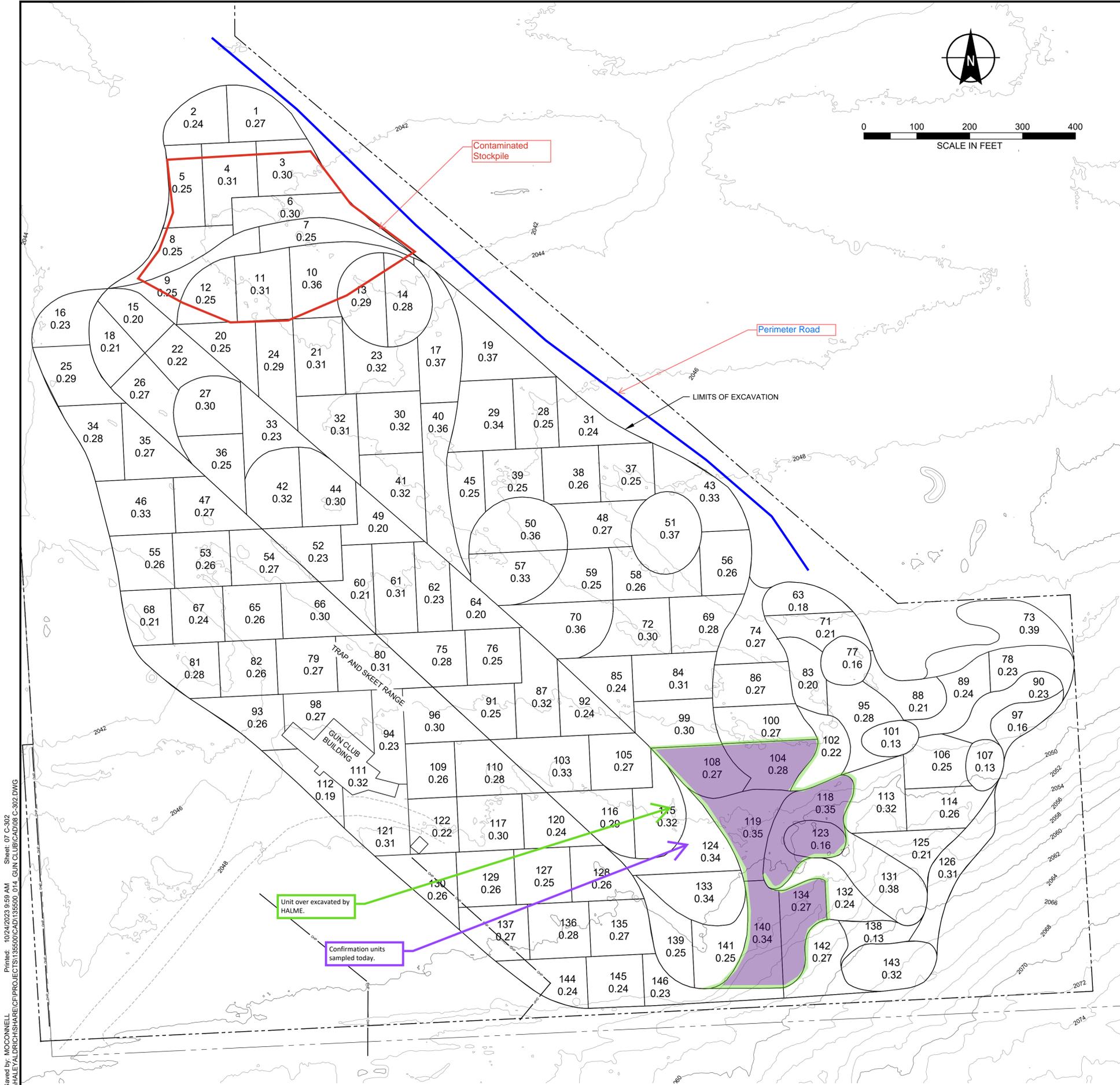
Project No.:	202349-001
Scale:	SHOWN
Date:	10/17/2023
Drawn By:	ZS/MO
Designed By:	BD
Checked By:	KH
Approved By:	JH/KH
Stamp:	

1	ISSUED FOR ECOLOGY	BD	05/18/23
0	ISSUED FOR BID	BD	10/18/23
Rev.	Description	By	Date

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE. #9656  
SPOKANE VALLEY,  
WASHINGTON

**CONFIRMATION SAMPLING PLAN**

**C-302**



Excavation  
Plan Markup  
CAL 12 Feb  
2025

Lift 19 Passing results.  
Failing results were received in the same locations with less compaction effort.

**NOTES**

1. PRIOR TO EXCAVATION TOPSOIL SHALL BE STRIPPED AND STOCKPILED.
2. A VISUAL REFERENCE FOR THE DELINEATION BETWEEN NATIVE SOIL AND MATERIAL PLACED IN THE REPOSITORY IS REQUIRED, REFERRED TO HEREIN AS A WASTE DELINEATOR.
3. ORANGE SILT FENCE IN ROLLS 5 FEET WIDE (OR AND APPROVED EQUAL) IS REQUIRED TO BE PLACED 8 FEET O.C. WITH A SPACING BETWEEN THE FABRIC OF 5 FEET IN THE BOTTOM AND ALONG THE CUT SLOPES OF THE REPOSITORY AS A WASTE DELINEATOR.
4. THE ORIENTATION OF THE WASTE DELINEATOR CAN VARY ACROSS THE BOTTOM OF THE REPOSITORY EXCAVATION AS APPROVED BY THE ENGINEER.
5. IMPACTED SOILS SHALL BE PLACED IN THE REPOSITORY IN HORIZONTAL LIFTS NOT TO EXCEED 15 FEET IN TOTAL THICKNESS AND COMPACTED TO AT LEAST 90% PER MODIFIED PROCTOR ASTM D 1557/ANSI TO T 150.
6. CONCRETE AND OTHER DEMOLITION DEBRIS APPROVED BY THE ENGINEER SHALL BE PLACED 10 OR MORE FEET BELOW THE LINER.
7. CONTRACTOR SHALL STOCKPILE BOULDERS WITH GREATEST DIMENSIONS LARGER THAN 24 INCHES IN THE STOCKPILE LOCATION SHOWN ON SHEET C-301 OR AS APPROVED BY THE ENGINEER.
8. WHEN PLACING BOULDERS OR COBBLES DO NOT NEST THEM SUCH THAT VOIDS ARE CREATED. BOULDERS AND COBBLES SHALL BE SPREAD OUT UNIFORMLY SO SOIL FILLS AROUND THEM.
9. PLACEMENT OF OVERSIZE MATERIALS (12 - 24 INCHES SHALL ALLOW COMPACTION EQUIPMENT TO COMPACT AROUND THE SIDES WITHOUT BEING IN CONTACT WITH NEARBY OVERSIZE MATERIAL THAT PRECLUDES UNIFORM COMPACTION.
10. CONCRETE BROKEN INTO PIECES 12 TO 24 INCHES SHALL BE TREATED THE SAME AS OVERSIZE MATERIAL.
11. CONCRETE SLABS CAN BE INCORPORATED INTO FILL WITHOUT PROCESSING IF THEY ARE PLACED ON A LEVEL SURFACE (E.G. NOT DUMPED), SUCH THAT THEY ARE FIRMLY SEATED AND BACKFILLED WITH SAND AND GRAVEL. CONCRETE SLABS SHALL NOT BE STACKED NESTED OR OTHERWISE PLACED SUCH THAT VOIDS ARE CREATED.
12. CONTRACTOR SHALL PROVIDE AN EXCAVATION PLAN WHICH INCLUDES BOTH THE REPOSITORY EXCAVATION AND BACKFILLING AND THE EXCAVATION OF IMPACTED SOILS.



HALEY & ALDRICH  
505 W. RIVERSIDE AVE, SUITE 205  
SPOKANE, WA 99201  
TEL: 509.303.7447  
WWW.HALEYALDRICH.COM

Project No.	202349-001
Scale	SHOWN
Date	10/17/2023
Drawn By	ZSM/CG
Designed By	BD
Checked By	KH
Approved By	JHK/KC
Stamp	



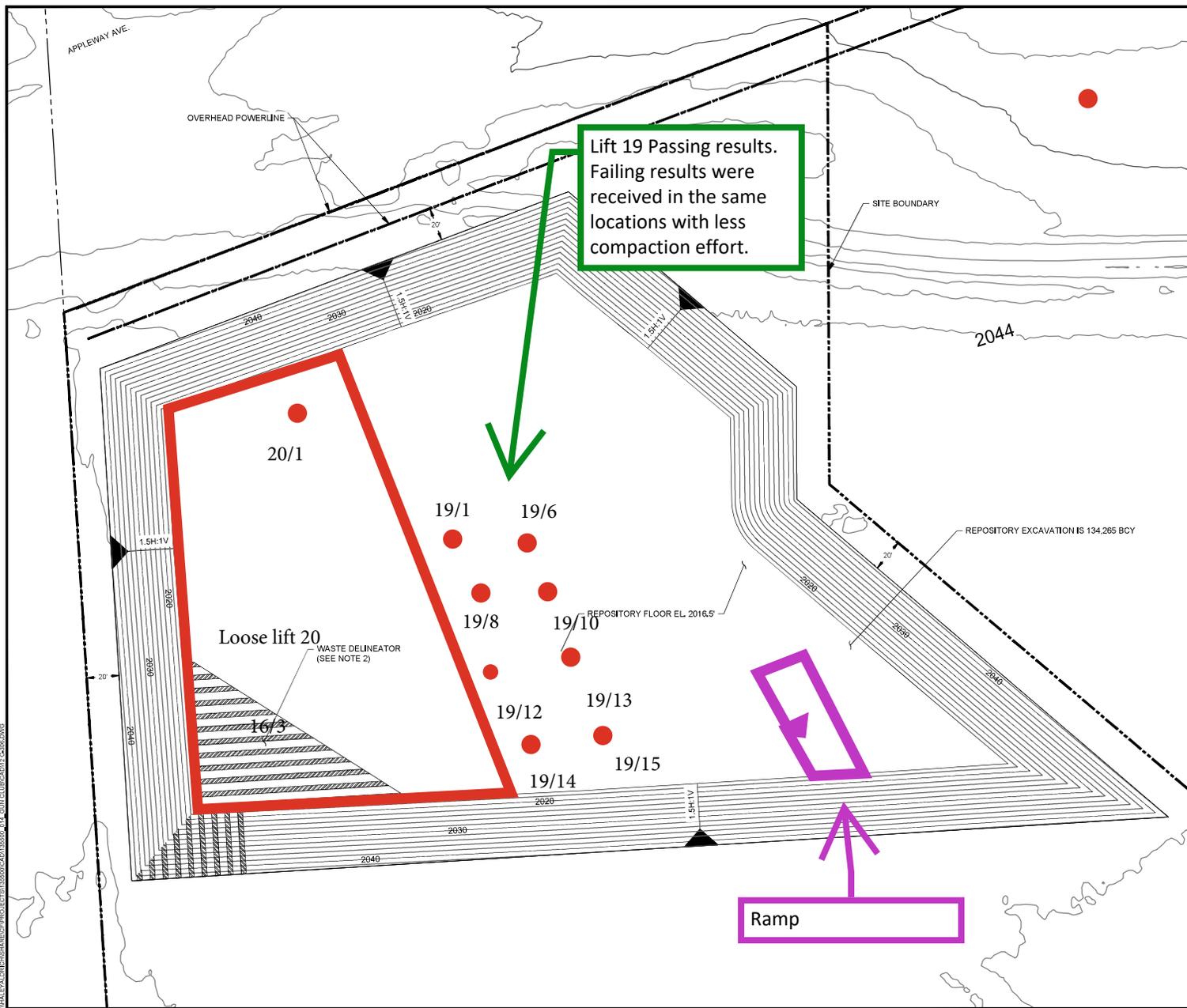
1	ISSUED FOR ECOLOGY	BD	05/16/23
0	ISSUED FOR PERMITS	BD	10/16/23
Rev.	Description	By	Date

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE, #9656  
SPOKANE VALLEY,  
WASHINGTON

**REPOSITORY  
SUBGRADE  
EXCAVATION PLAN**

**C-306**

Sheet 11 of 21



Shared by: MCDONNELL  
 Printed: 10/24/2023 10:50 AM  
 Sheet: 11 of 26  
 \\HALEYALDRICH\BNA\ENR\PROJECTS\1556000\40150500\04\_CAD\CAD\BNA\011\_C-306.dwg

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	63
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	13-14 February 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 1
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Intermittent Snow, Strong Wind	<b>Temperature</b>	0-20°F

**I. BACKFILL:**

Halme was not on-site for the duration of these days; therefore, no backfill operations were conducted.

**II. DUST MONITORING:**

Halme was not on-site for the duration of these days; therefore, no dust monitoring was conducted.

**III. COMPACTION TESTING:**

Halme was not on-site for the duration of these days; therefore, no compaction testing was conducted.

**IV. CONFIRMATION SAMPLING:**

Confirmation samples were collected yesterday (13 February) and today (14 February). Haley & Aldrich, Inc. (Haley & Aldrich) utilized sampling locations scarified by Halme previously in the week. Not all sampling units received all four individual sampling locations. Haley & Aldrich collected samples from the sampling locations scarified due to the frozen ground conditions this week.

Units sampled are shown within the attached Chain of Custody (COC) and Confirmation Sampling Plan.

**Discussions:**

<u>Name</u>	<u>Topic</u>
N/A	

**ATTACHMENTS:** Attachment A – COC  
Attachment B – Confirmation Sampling Plan

<u>Field Representative(s)</u>	<u>Time on site</u>	<u>Report/Travel/Other</u>	<u>Total</u>
Cameron Luckey	10.25 hours	6.00 hours	16.25 hours

**Distribution:**

CVSD; Attn: Jay Rowell  
OAC; Attn: Jeff Jurgensen



Haley & Aldrich, Inc.

**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 1 of 3

H&A FILE NO. 0202349-002  
PROJECT NAME CUSD Gunclub  
H&A CONTACT Breeyn Greer

LABORATORY Eurofins  
ADDRESS \_\_\_\_\_  
CONTACT \_\_\_\_\_

DELIVERY DATE 2-14-25  
TURNAROUND TIME STD  
PROJECT MANAGER Breeyn Greer

Sample No.	Date	Time	Depth	Type	Analysis Requested										Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)		
					Cd	Pb	As	Cr	Cu	Mn	Ni	Pb	Se	Tl			V	Zn
C-113-2-1	2-13	15:20	3	Soil	X	X	X											Laboratory to use applicable DEP CAM methods, unless otherwise directed.  Hold all samples not selected for analysis
C-113-2-2					X	X	X											
C-113-2-3					X	X	X											
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					X	X	X											
C-106-2-4																		
C-89-1-1		14:45	1		X	X	X											
C-89-1-2		14:45	1		X	X	X											

Sampled and Relinquished by  
Sign [Signature]  
Print Cameron Luckey  
Firm \_\_\_\_\_  
Date 2-14-25 Time 10:30

Received by  
Sign [Signature]  
Print [Signature]  
Firm \_\_\_\_\_  
Date 2/14/25 Time 10:30

LIQUID  
VOA Vial  
Amber Glass  
Plastic Bottle  
Preservative  
Volume

Relinquished by  
Sign \_\_\_\_\_  
Print \_\_\_\_\_  
Firm \_\_\_\_\_  
Date \_\_\_\_\_ Time \_\_\_\_\_

SOLID  
VOA Vial  
Amber Glass  
Clear Glass  
Preservative  
Volume

Sampling Comments  
2.1, 3.2  
[Signature]

Relinquished by  
Sign \_\_\_\_\_  
Print \_\_\_\_\_  
Firm \_\_\_\_\_  
Date \_\_\_\_\_ Time \_\_\_\_\_

Received by  
Sign \_\_\_\_\_  
Print \_\_\_\_\_  
Firm \_\_\_\_\_  
Date \_\_\_\_\_ Time \_\_\_\_\_

Evidence samples were tampered with? YES NO  
If YES, please explain in section below.

PRESERVATION KEY  
A Sample chilled C NaOH E H<sub>2</sub>SO<sub>4</sub> G Methanol  
B Sample filtered D HNO<sub>3</sub> F HCL H Water/NaHSO<sub>4</sub> (circle)

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

**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 2 of 3

H&A FILE NO. 0202349-002  
PROJECT NAME CUSD Cyn Club  
H&A CONTACT Breeyn GreerLABORATORY Eurofins  
ADDRESS \_\_\_\_\_  
CONTACT \_\_\_\_\_DELIVERY DATE 2-14-25  
TURNAROUND TIME STD  
PROJECT MANAGER Breeyn Greer

Sample No.	Date	Time	Depth	Type	Analysis Requested										Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)		
					3013	3014	3015	3016	3017	3018	3019	3020	3021	3022			3023	
C-89-1-3	2-13	14:45	1	Soil														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 Cameron Mackey Sign [Signature]  
 Print Cameron Mackey Print [Signature]  
 Firm \_\_\_\_\_ Firm \_\_\_\_\_  
 Date 2-14-25 Time 10:30 Date 030 Time 2/14/25

LIQUID									

Sampling Comments  
3.1, 3.2  
[Signature]

Relinquished by \_\_\_\_\_  
 Received by \_\_\_\_\_  
 Sign \_\_\_\_\_ Sign \_\_\_\_\_  
 Print \_\_\_\_\_ Print \_\_\_\_\_  
 Firm \_\_\_\_\_ Firm \_\_\_\_\_  
 Date \_\_\_\_\_ Time \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

SOLID									

Evidence samples were tampered with? YES NO  
 If YES, please explain in section below.

Relinquished by \_\_\_\_\_  
 Received by \_\_\_\_\_  
 Sign \_\_\_\_\_ Sign \_\_\_\_\_  
 Print \_\_\_\_\_ Print \_\_\_\_\_  
 Firm \_\_\_\_\_ Firm \_\_\_\_\_  
 Date \_\_\_\_\_ Time \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

PRESERVATION KEY			
A Sample chilled	C NaOH	E H <sub>2</sub> SO <sub>4</sub>	G Methanol
B Sample filtered	D HNO <sub>3</sub>	F HCL	H Water/NaHSO <sub>4</sub> (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**

<input type="checkbox"/> RC-S1	<input type="checkbox"/> S1	<input type="checkbox"/> GW1
<input type="checkbox"/> RC-S2	<input type="checkbox"/> S2	<input type="checkbox"/> GW2
<input type="checkbox"/> RC-GW1	<input type="checkbox"/> S3	<input type="checkbox"/> GW3
<input type="checkbox"/> RC-GW2		

**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 Cwn Club  
H&A CONTACT Breeyn GreerLABORATORY Parotias  
ADDRESS \_\_\_\_\_  
CONTACT \_\_\_\_\_DELIVERY DATE 2-14-25  
TURNAROUND TIME gTD  
PROJECT MANAGER Breeyn Greer

Sample No.	Date	Time	Depth	Type	Analysis Requested											Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)
					CHAHS Project Special List	Pb	Pb PPA	As	As EFA	As EFA back							
C-101-3-1	2-13	11:45	3	Soil	X	X	X										Laboratory to use applicable DEP CAM methods, unless otherwise directed.  Hold all samples not selected for analysis
C-101-3-2					X	X	X										
C-101-3-3																	
C-101-3-4																	

Sampled and Relinquished by  
 Sign [Signature]  
 Print Cameron Leakey  
 Firm [Signature]  
 Date 2-14-25 Time 10:30

Received by  
 Sign [Signature]  
 Print Madison  
 Firm \_\_\_\_\_  
 Date 1030 Time 2/14/25

**LIQUID**

VOA Vial  
 Amber Glass  
 Plastic Bottle  
 Preservative  
 Volume

Sampling Comments  
3.1, 3.2  
2025

Relinquished by  
 Sign \_\_\_\_\_  
 Print \_\_\_\_\_  
 Firm \_\_\_\_\_  
 Date \_\_\_\_\_ Time \_\_\_\_\_

Received by  
 Sign \_\_\_\_\_  
 Print \_\_\_\_\_  
 Firm \_\_\_\_\_  
 Date \_\_\_\_\_ Time \_\_\_\_\_

**SOLID**

VOA Vial  
 Amber Glass  
 Clear Glass  
 Preservative  
 Volume

**PRESERVATION KEY**

A Sample chilled    C NaOH    E H<sub>2</sub>SO<sub>4</sub>    G Methanol  
 B Sample filtered    D HNO<sub>3</sub>    F HCL    H Water/NaHSO<sub>4</sub> (circle)

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.

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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



# CHAIN OF CUSTODY RECORD

H&A FILE NO. 0202349-002 LABORATORY Eurofins DELIVERY DATE 2-17-25  
 PROJECT NAME CVSD Gun Club ADDRESS \_\_\_\_\_ TURNAROUND TIME STD  
 H&A CONTACT Breeyn Greer CONTACT \_\_\_\_\_ PROJECT MANAGER Breeyn Greer

Sample No.	Date	Time	Depth	Type	Analysis Requested										Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)	
					CPAHs	Project-1st	Pb 6020	As 6020									
C-132-3-1	2-14	13:10	3	Soil	X	X	X									1	Laboratory to use applicable DEP CAM methods, unless otherwise directed.  Hold all samples not selected for analysis  2.1: 2.5: IR006
C-132-3-2		1	1		X	X	X									1	
C-125-2-1		13:00	3		X	X	X										
C-125-2-2		13:00	1		X	X	X										

<b>Sampled and Relinquished by</b> Sign: <u>[Signature]</u> Print: <u>Cameron Wekey</u> Firm: <u>H&amp;A</u> Date: <u>2-17-25</u> Time: <u>11:25</u>	<b>Received by</b> Sign: <u>[Signature]</u> Print: <u>Breyn Greer</u> Firm: <u>CVSD</u> Date: <u>2/17/25</u> Time: <u>1:25</u>	<b>LIQUID</b>	<b>Sampling Comments</b>
<b>Relinquished by</b> Sign: _____ Print: _____ Firm: _____ Date: _____ Time: _____	<b>Received by</b> Sign: _____ Print: _____ Firm: _____ Date: _____ Time: _____	<b>SOLID</b>	Evidence samples were tampered with? YES NO If YES, please explain in section below.
<b>Relinquished by</b> Sign: _____ Print: _____ Firm: _____ Date: _____ Time: _____	<b>Received by</b> Sign: _____ Print: _____ Firm: _____ Date: _____ Time: _____	<b>PRESERVATION KEY</b> A Sample chilled    C NaOH    E H <sub>2</sub> SO <sub>4</sub> G Methanol B Sample filtered    D HNO <sub>3</sub> F HCL    H Water/NaHSO <sub>4</sub> (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

**NOTES**

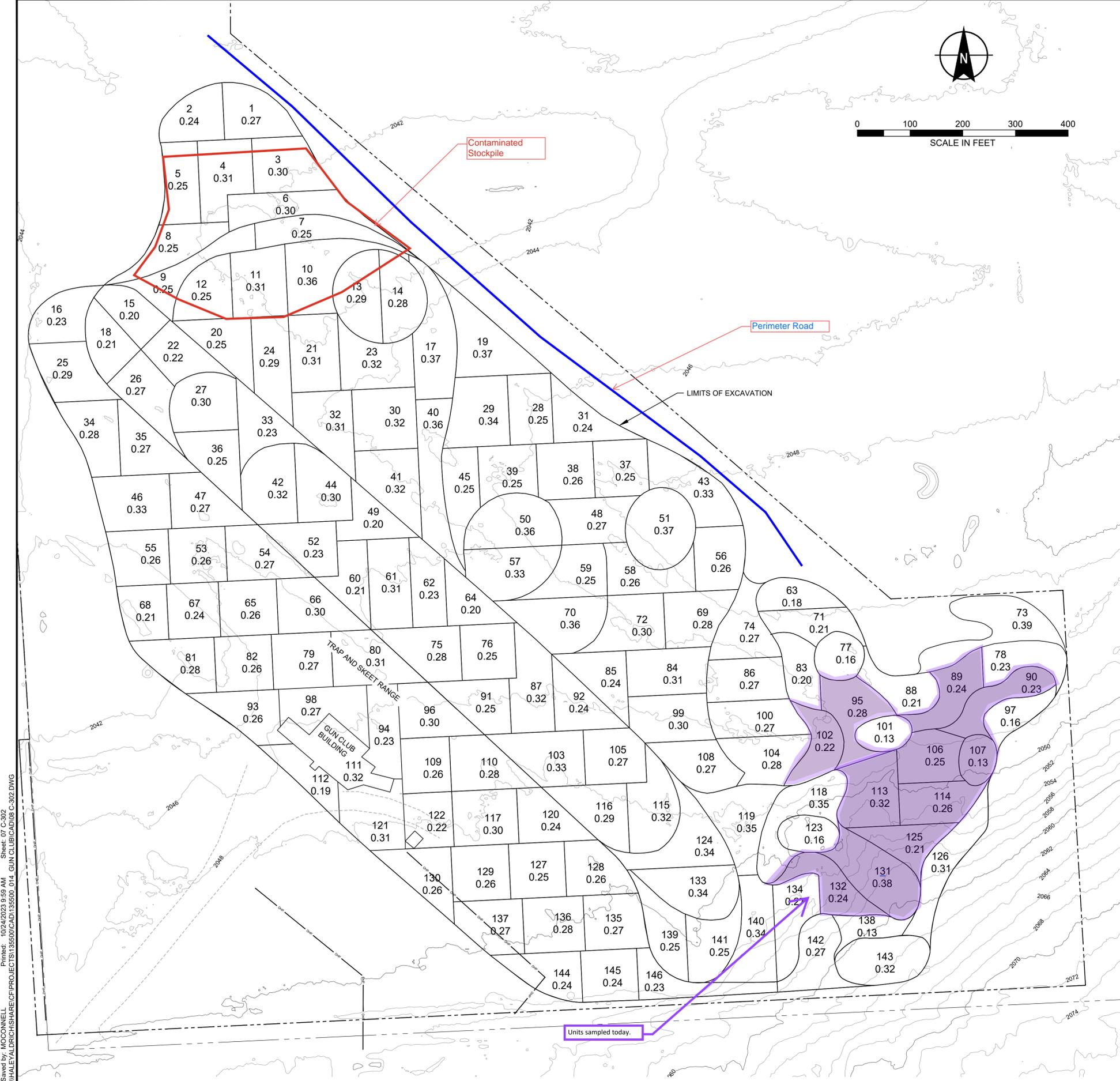
1. CONTRACTOR IS RESPONSIBLE FOR SURVEYING AND DELINEATING THE LIMITS OF THE SAMPLE UNITS SHOWN, AS NECESSARY TO COMPLETE THE WORK.
2. CONTRACTOR SHALL NOT BACKFILL WITHIN THE LIMITS OF ANY INDIVIDUAL SAMPLING UNTIL RECEIVING APPROVAL BY THE ENGINEER.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR CONFIRMATION SAMPLING AT LEAST 2 WORKING DAYS IN ADVANCE FOR EACH SAMPLING UNIT.
4. ALLOW UP TO 5 DAYS FOR THE ENGINEER TO COLLECT CONFIRMATION SAMPLES FOLLOWING IMPACTED SOIL EXCAVATION AND 10 TO 15 DAYS FOR ANALYTICAL RESULTS. CONFIRMATION SAMPLING RESULTS ARE EXPECTED TO TAKE BETWEEN 10 AND 15 DAYS, POSSIBLY LONGER. THE EXACT NUMBER OF DAYS REQUIRED WILL NOT BE KNOWN UNTIL THE FIRST SAMPLES ARE PROCESSED AND COULD VARY BETWEEN SAMPLING UNITS DEPENDING ON SHIPPING AND MOISTURE CONTENT. THE CONTRACTOR SHALL PLAN THE WORK ACCORDINGLY.
5. ONCE A SAMPLING UNIT IS DESIGNATED FOR CONFIRMATION SAMPLING IMPACTED SOILS SHALL NO LONGER BE TRANSPORTED THROUGH THAT SAMPLING UNIT.
6. CLEAN BACKFILL FROM THE REPOSITORY CAN BE STOCKPILED ADJACENT TO SAMPLING UNITS OUTSIDE THE LIMITS OF EXCAVATION IN LOCATIONS APPROVED BY THE ENGINEER.

**LEGEND**

- 73 SAMPLE UNIT ID
- 0.39 AREA (ACRES)

UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)
1	0.27	59	0.25	117	0.30
2	0.24	60	0.21	118	0.35
3	0.30	61	0.31	119	0.35
4	0.31	62	0.23	120	0.24
5	0.25	63	0.18	121	0.31
6	0.30	64	0.20	122	0.22
7	0.25	65	0.26	123	0.16
8	0.25	66	0.30	124	0.34
9	0.25	67	0.24	125	0.21
10	0.36	68	0.21	126	0.31
11	0.31	69	0.28	127	0.25
12	0.25	70	0.36	128	0.26
13	0.29	71	0.21	129	0.26
14	0.28	72	0.30	130	0.26
15	0.20	73	0.39	131	0.38
16	0.23	74	0.27	132	0.24
17	0.37	75	0.28	133	0.34
18	0.21	76	0.25	134	0.27
19	0.37	77	0.16	135	0.27
20	0.25	78	0.23	136	0.28
21	0.31	79	0.27	137	0.27
22	0.22	80	0.31	138	0.13
23	0.32	81	0.28	139	0.25
24	0.29	82	0.26	140	0.34
25	0.29	83	0.20	141	0.25
26	0.27	84	0.31	142	0.27
27	0.30	85	0.24	143	0.32
28	0.25	86	0.27	144	0.24
29	0.34	87	0.32	145	0.24
30	0.32	88	0.21	146	0.23
31	0.24	89	0.24	TOTAL	39.42
32	0.31	90	0.23		
33	0.23	91	0.25		
34	0.28	92	0.24		
35	0.27	93	0.26		
36	0.25	94	0.23		
37	0.25	95	0.28		
38	0.26	96	0.30		
39	0.25	97	0.16		
40	0.36	98	0.27		
41	0.32	99	0.30		
42	0.32	100	0.27		
43	0.33	101	0.13		
44	0.30	102	0.22		
45	0.25	103	0.33		
46	0.33	104	0.28		
47	0.27	105	0.27		
48	0.27	106	0.25		
49	0.20	107	0.13		
50	0.36	108	0.27		
51	0.37	109	0.26		
52	0.23	110	0.28		
53	0.26	111	0.32		
54	0.27	112	0.19		
55	0.26	113	0.32		
56	0.26	114	0.26		
57	0.33	115	0.32		
58	0.26	116	0.29		

Excavation  
Plan  
Markup CAL  
13-14 Feb  
2025



Saved by: MCCANNELL  
 Date: 10/24/2023 9:59 AM  
 Sheet: 07 of 21  
 Project: 10155000 CAD133206\_014\_GUN CLUB CLEANUP C-302.DWG

Project No.:	202349-001
Scale:	SHOWN
Date:	10/17/2023
Drawn By:	ZS/MO
Designed By:	BD
Checked By:	KH
Approved By:	JH/KH
Stamp:	

1	ISSUED FOR ECOLOGY	BD	05/18/23
0	ISSUED FOR BID	BD	10/18/23
Rev.	Description	By	Date

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE. #9656  
SPOKANE VALLEY,  
WASHINGTON

**CONFIRMATION  
SAMPLING PLAN**

**C-302**

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	64
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	19 February 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 1
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Intermittent Snow, Strong Wind	<b>Temperature</b>	25-32°F

**I. BACKFILL:**

Halme was not on-site today; therefore, no backfill operations were conducted.

**II. DUST MONITORING**

Halme was not on-site today; therefore, no dust monitoring was conducted.

**III. COMPACTION TESTING**

Halme was not on-site today; therefore, no compaction testing was conducted.

**IV. CONFIRMATION SAMPLING**

Haley & Aldrich, Inc. (Haley & Aldrich) collected samples of the two outstanding Units that had been previously prepared for sampling. Confirmation samples were collected from Sampling Units 33 and 36 and delivered to Eurofins Environment Testing today (19 February). Units sampled are shown within the attached Chain of Custody (COC) and Confirmation Sampling Plan.

**Discussions:**

<u>Name</u>	<u>Topic</u>
N/A	

**ATTACHMENTS:** Attachment A – COC  
Attachment B – Confirmation Sampling Plan

<u>Field Representative(s)</u>	<u>Time on site</u>	<u>Report/Travel/Other</u>	<u>Total</u>
Cameron Luckey	3.0 hours	1.5 hours	4.5 hours

**Distribution:**

CVSD; Attn: Jay Rowell  
OAC; Attn: Jeff Jurgensen



Haley & Aldrich, Inc.

**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 1 of 1

H&amp;A FILE NO. 0202349-002

PROJECT NAME CUSD Gun Club

H&amp;A CONTACT Breeyn Creeper

LABORATORY Eurofins

ADDRESS

CONTACT

DELIVERY DATE 2-19-25

TURNAROUND TIME STD

PROJECT MANAGER Breeyn Creeper

Sample No.	Date	Time	Depth	Type	Analysis Requested										Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)	
					CAMs	Pig at 1.5t	Hb 6020	AS 6020									
C-36-6-1	2-19-25	1000	6	Soil	X	X	X										Laboratory to use applicable DEP CAM methods, unless otherwise directed. Add all samples not selected for analysis.  -0.2, 0.2 cor (Rec'd)
C-36-6-2					X	X	X										
C-36-6-3																	
C-36-6-4																	
C-33-6-1		10:20	6		X	V	X										
C-33-6-2					X	X	X										
C-33-6-3																	
C-33-6-4																	

Sampled and Relinquished by

Received by

LIQUID

Sampling Comments

Sign *[Signature]*  
Print Cameron Luckey  
Firm H&A  
Date 2-19-25 Time 11:15Sign *[Signature]*  
Print Madhy Morris  
Firm ETSPO  
Date 2/19/25 Time 11:15VOA Vial  
Amber Glass  
Plastic Bottle  
Preservative  
Volume

Relinquished by

Received by

SOLID

Sign  
Print  
Firm  
Date TimeSign  
Print  
Firm  
Date TimeVOA Vial  
Amber Glass  
Clear Glass  
Preservative  
Volume

Relinquished by

Received by

Sign  
Print  
Firm  
Date TimeSign  
Print  
Firm  
Date Time

## PRESERVATION KEY

A Sample chilled C NaOH E H<sub>2</sub>SO<sub>4</sub> G MethanolB Sample filtered D HNO<sub>3</sub> F HCL H Water/NaHSO<sub>4</sub> (circle)Evidence samples were tampered with? YES NO  
If YES, please explain in section below.

## 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.

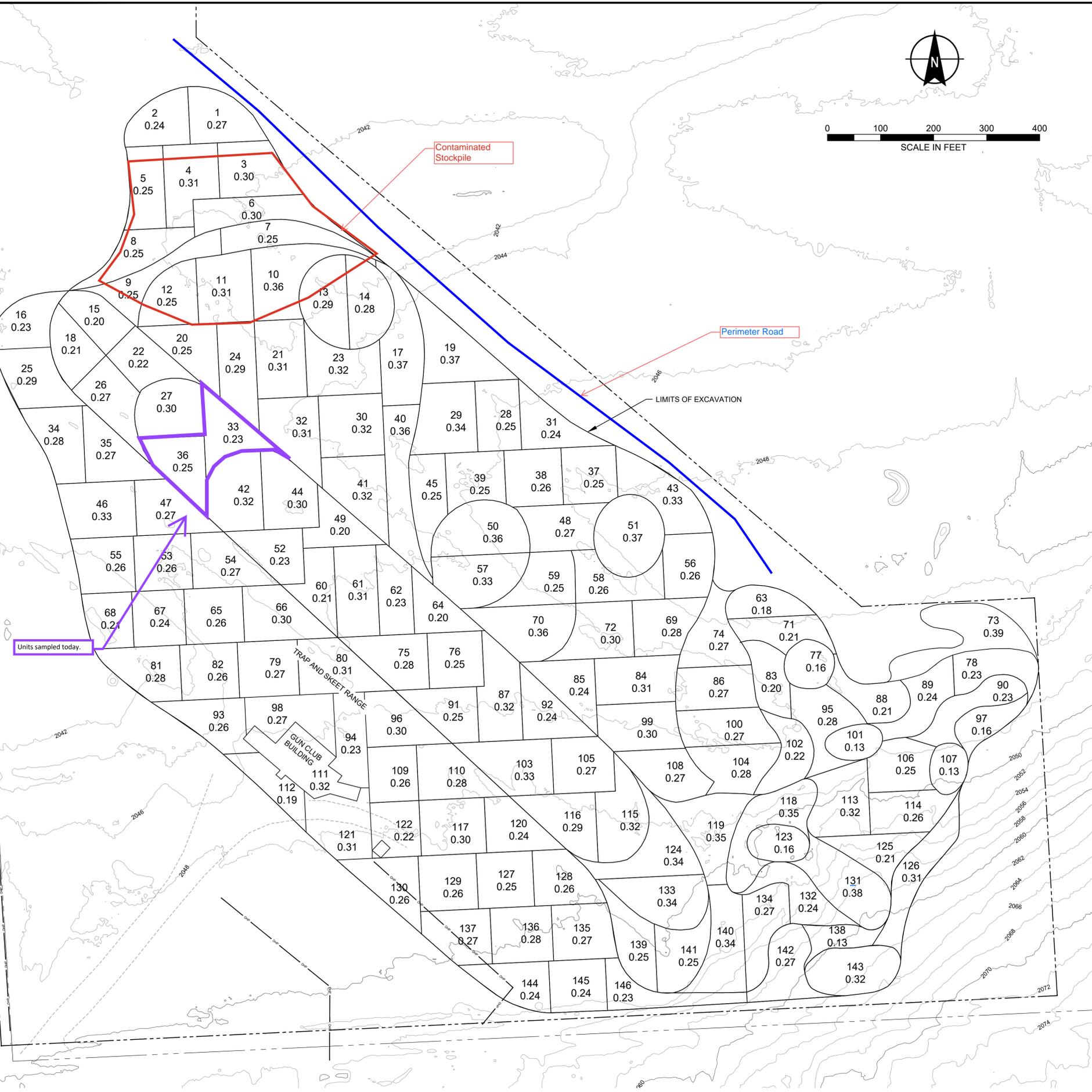
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## Required Reporting Limits and Data Quality Objectives

- |                                 |                             |                              |
|---------------------------------|-----------------------------|------------------------------|
| <input type="checkbox"/> RC-S1  | <input type="checkbox"/> S1 | <input type="checkbox"/> GW1 |
| <input type="checkbox"/> RC-S2  | <input type="checkbox"/> S2 | <input type="checkbox"/> GW2 |
| <input type="checkbox"/> RC-GW1 | <input type="checkbox"/> S3 | <input type="checkbox"/> GW3 |
| <input type="checkbox"/> RC-GW2 |                             |                              |



**NOTES**

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**LEGEND**

- 73 SAMPLE UNIT ID
- 0.39 AREA (ACRES)

UNIT ID	AREA (AC.)
1	0.27
2	0.24
3	0.30
4	0.31
5	0.25
6	0.30
7	0.25
8	0.25
9	0.25
10	0.36
11	0.31
12	0.25
13	0.29
14	0.28
15	0.20
16	0.23
17	0.37
18	0.21
19	0.37
20	0.25
21	0.31
22	0.22
23	0.32
24	0.29
25	0.29
26	0.27
27	0.30
28	0.25
29	0.34
30	0.32
31	0.24
32	0.31
33	0.23
34	0.28
35	0.27
36	0.25
37	0.25
38	0.26
39	0.25
40	0.36
41	0.32
42	0.32
43	0.33
44	0.30
45	0.25
46	0.33
47	0.27
48	0.27
49	0.20
50	0.36
51	0.37
52	0.23
53	0.26
54	0.27
55	0.26
56	0.26
57	0.33
58	0.26
59	0.25
60	0.21
61	0.31
62	0.23
63	0.18
64	0.20
65	0.26
66	0.30
67	0.24
68	0.21
69	0.28
70	0.36
71	0.21
72	0.30
73	0.39
74	0.27
75	0.28
76	0.25
77	0.16
78	0.23
79	0.27
80	0.31
81	0.28
82	0.26
83	0.20
84	0.31
85	0.24
86	0.27
87	0.32
88	0.21
89	0.24
90	0.23
91	0.25
92	0.24
93	0.26
94	0.23
95	0.28
96	0.30
97	0.16
98	0.27
99	0.30
100	0.27
101	0.13
102	0.22
103	0.33
104	0.28
105	0.27
106	0.25
107	0.13
108	0.27
109	0.26
110	0.28
111	0.32
112	0.19
113	0.32
114	0.26
115	0.32
116	0.29
117	0.30
118	0.35
119	0.35
120	0.24
121	0.31
122	0.22
123	0.16
124	0.34
125	0.21
126	0.31
127	0.25
128	0.26
129	0.26
130	0.26
131	0.38
132	0.24
133	0.34
134	0.27
135	0.27
136	0.28
137	0.27
138	0.13
139	0.25
140	0.34
141	0.25
142	0.27
143	0.32
144	0.24
145	0.24
146	0.23

UNIT ID	AREA (AC.)
59	0.25
60	0.21
61	0.31
62	0.23
63	0.18
64	0.20
65	0.26
66	0.30
67	0.24
68	0.21
69	0.28
70	0.36
71	0.21
72	0.30
73	0.39
74	0.27
75	0.28
76	0.25
77	0.16
78	0.23
79	0.27
80	0.31
81	0.28
82	0.26
83	0.20
84	0.31
85	0.24
86	0.27
87	0.32
88	0.21
89	0.24
90	0.23
91	0.25
92	0.24
93	0.26
94	0.23
95	0.28
96	0.30
97	0.16
98	0.27
99	0.30
100	0.27
101	0.13
102	0.22
103	0.33
104	0.28
105	0.27
106	0.25
107	0.13
108	0.27
109	0.26
110	0.28
111	0.32
112	0.19
113	0.32
114	0.26
115	0.32
116	0.29

UNIT ID	AREA (AC.)
117	0.30
118	0.35
119	0.35
120	0.24
121	0.31
122	0.22
123	0.16
124	0.34
125	0.21
126	0.31
127	0.25
128	0.26
129	0.26
130	0.26
131	0.38
132	0.24
133	0.34
134	0.27
135	0.27
136	0.28
137	0.27
138	0.13
139	0.25
140	0.34
141	0.25
142	0.27
143	0.32
144	0.24
145	0.24
146	0.23
TOTAL	39.42

Excavation  
Plan  
Markup CAL  
19 Feb 2025

Project No.:	202349-001
Scale:	SHOWN
Date:	10/17/2023
Drawn By:	ZS/MO
Designed By:	BD
Checked By:	KH
Approved By:	JH/KH
Stamp:	

1	ISSUED FOR ECOLOGY	BD	05/18/23
0	ISSUED FOR BID	BD	10/18/23
Rev.	Description	By	Date

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE. #9656  
SPOKANE VALLEY,  
WASHINGTON

**CONFIRMATION  
SAMPLING PLAN**

**C-302**

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	65
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	24 February 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Partly Cloudy	<b>Temperature</b>	36-50°F

**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: No contaminated soil was excavated today.
- b. Contaminated Unit Sampling: No contaminated unit sampling occurred today.
- c. Backfill: Haley & Aldrich, Inc. (Haley & Aldrich) observed partial compaction of Lift No. 20 and partial backfilling of Lift No. 21 within the repository today. Halme leveled and graded the entire Lift No. 20. A small portion of Lift No. 20 was compacted by Halme. After compaction was verified for this portion of Lift No. 20, Lift No. 21 was placed on this area.

**II. DUST MONITORING:**

No dust monitoring was conducted on-site today.

**III. COMPACTION TESTING:**

The Troxler E-Gauge 4590 was the utilized method of compaction testing, with a density greater than or equal to 90 percent of the 134.0 pounds per square foot (lbs./ft<sup>3</sup>) proctor indicating adequate compaction. All eight compaction tests conducted by Haley & Aldrich today passed. Testing locations are noted within the attached Repository Subgrade Excavation Plan.

The following compaction tests were performed today with the E-Gauge:

Table 1. E-Gauge Compaction Test Results						
Test Number	Test Depth	Dry Density (pcf)	Wet Density (pcf)	% Moisture	% Proctor	Test Result
20/1	8"	126.7	133.4	6.7	94.6	Pass
20/2	8"	129.4	141.0	11.7	96.5	Pass
20/3	4"	133.8	141.7	7.9	99.8	Pass
20/4	8"	134.4	143.6	9.2	100.3	Pass
20/5	8"	137.6	145.6	7.9	102.7	Pass
20/6	8"	132.1	140.4	8.3	98.6	Pass
20/7	8"	131.3	136.5	5.2	98	Pass
20/8	8"	135.3	140.8	5.6	101	Pass

**Discussions:**

<u>Name</u>	<u>Topic</u>
Halme; Haley & Aldrich	Haley & Aldrich spoke with Casey of Halme throughout the Lift No. 20 compaction process.

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	65
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	24 February 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	2 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Partly Cloudy	<b>Temperature</b>	36-50°F

---

<u>Field Representative(s)</u>	<u>Time on site</u>	<u>Report/Travel/Other</u>	<u>Total</u>
Cameron Luckey	4.75 hours	2.00 hours	6.75 hours

**Distribution:**

CVSD; Attn: Jay Rowell

OAC Services, Inc.; Attn: Jeff Jurgensen

**Attachments:**

Attachment A – Photolog

Attachment B – Repository Subgrade Excavation Plan



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Haley & Aldrich, Inc.

[https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/02 - February/02\\_24\\_25\\_CAL\\_DFR\\_65/02\\_24\\_25\\_CAL\\_DFR.docx](https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/02 - February/02_24_25_CAL_DFR_65/02_24_25_CAL_DFR.docx)



Photo 01. Repository backfilling process (view looking northeast).



Photo 02. Northern contaminated stockpile being pushed into the repository Halme (view looking east).

**Site Photographs – 24 February 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA



**Attachment A**



Photo 03. Repository backfilling process (view looking north).



Photo 4. Repository backfilling process (view looking northwest).

**Site Photographs – 24 February 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA



**Attachment A**



<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	66
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	25 February 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 3
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Intermittent Rain	<b>Temperature</b>	40-50°F

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**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: Halme utilized a Dozer for contaminated soil excavation. Units along the northwestern excavation border were partially over excavated. Halme over excavated units by pushing contaminated soil to the eastern border of the respective contaminated units to be loaded into haul trucks and transported into the repository. These over excavated units appear to be only partially over excavated and pending a final clean up by Halme. Approximate over excavated sample unit locations are noted in the attached Confirmation Sampling Plan.
- b. Contaminated Unit Sampling: No contaminated unit sampling occurred today.
- c. Backfill: Haley & Aldrich, Inc. (Haley & Aldrich) observed compaction of Lift No. 20 and partial backfilling of Lift No. 21 within the repository today. Lift No. 20 was compacted and tested. After passing compaction values, Lift No. 21 was placed on a portion of Lift No. 20 on the east and west borders of the repository. The material was pushed by dozer into the repository as well as transported by a haul truck. All material added to the repository today was sourced from the northern contaminated stockpile.

**II. DUST MONITORING:**

Dust Monitors (DMs) with telemetry capabilities were deployed in advance of excavation and backfill today and operated from 07:40 to 17:00. Samsara DM 47181 was positioned upwind of Site work and DM 49913 was positioned downwind of Site work. The relative humidity in the morning was approximately 79 percent, and the wind was from the southwest to northeast.

Dust levels did not exceed the threshold of 2.5 milligrams per square meter (mg/m<sup>3</sup>) total particulates, nor the threshold of 0.025 mg/m<sup>3</sup> PM<sub>10</sub> 120-minute rolling average at the downwind property boundary. Site observations indicated that dust was well-controlled. Dust monitoring data is attached.

**III. COMPACTION TESTING:**

The Troxler E-Gauge 4590 was used for compaction testing, with a density greater than or equal to 90 percent of the 134.0 pounds per square foot (lbs./ft<sup>3</sup>) proctor indicating adequate compaction. Lift No. 20 provided passing compaction test values with the exception of one small area that will be addressed by Halme tomorrow. The first six compaction test values utilized a proctor value of 134. Based on soil observation and compaction results being greater than 100 percent, Haley & Aldrich used professional judgement to apply a proctor value of 137 lbs./ft<sup>3</sup>. Testing locations are noted within the attached Repository Subgrade Excavation Plan.

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	66
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	25 February 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	2 of 3
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Intermittent Rain	<b>Temperature</b>	40-50°F

The following compaction tests were performed today with the E-Gauge:

Table 1. E-Gauge Compaction Test Results							
Test Number	% Proctor	Dry Density (pcf)	Wet Density (pcf)	Moisture	% Moisture	Pass/Fail	Proctor Value
20/1	101.4	135.9	140.6	4.7	3.5	P	134
20/2	100.2	134.3	139.3	5.1	3.8	P	134
20/3	97.9	131.3	135.3	4.0	3.1	P	134
20/4	102.3	137	141.5	4.4	3.2	P	134
20/5	107.7	137.6	140.7	3.1	2.2	P	134
20/6	97.0	132.9	141.8	8.9	6.7	P	134
20/7	101	138.3	145.4	7.1	5.1	P	137
20/8	99.5	136.4	140.4	4.	3.0	P	137
20/9	97.8	133.9	137.3	3.3	2.5	P	137
20/10	100.2	137.3	142.1	4.7	3.4	P	137
20/11	106.2	145.8	151.8	6.3	4.3	P	137
20/12	95.3	130.6	139.7	9.2	7.0	P	137
20/13	98.2	134.5	140.5	6.0	4.5	P	137
20/14	93.8	128.5	133.9	5.4	4.2	P	137
20/15	98.5	134.9	140.2	5.3	4.0	P	137
20/16	97	132.9	136.2	3.3	2.5	P	137
20/17	93.2	127.6	133.2	5.6	4.4	P	137
20/18	91.8	125.7	138.1	12.4	9.9	P	137
20/19	To be tested 02/26/25	-	-	-	-	-	-
20/20	99.9	136.8	145.9	9.0	6.6	P	137
20/21	94.9	130.1	136.8	6.8	5.2	P	137

**Discussions:**

<b>Name</b>	<b>Topic</b>
Halme; Haley & Aldrich	Haley & Aldrich spoke with Casey of Halme throughout the Lift No. 20 compaction process.

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	66
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	25 February 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	3 of 3
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Intermittent Rain	<b>Temperature</b>	40-50°F

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<u>Field Representative(s)</u>	<u>Time on site</u>	<u>Report/Travel/Other</u>	<u>Total</u>
Cameron Luckey	10.25 hours	1.00 hour	11.25 hours

**Distribution:**

CVSD; Attn: Jay Rowell  
OAC Services, Inc.; Attn: Jeff Jurgensen

**Attachments:**

Attachment A – Photolog  
Attachment B – Repository Subgrade Excavation Plan  
Attachment C - Dust Data  
Attachment D - Confirmation Sampling Plan

[https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/02 - February/02\\_25\\_25\\_CAL\\_DFR\\_66/02\\_25\\_25\\_CAL\\_DFR.docx](https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/02 - February/02_25_25_CAL_DFR_66/02_25_25_CAL_DFR.docx)



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Haley & Aldrich, Inc.



Photo 01. Repository backfilling process (view looking northwest).



Photo 02. Repository backfilling process (view looking north).

**Site Photographs – 25 February 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA



**Attachment A**



Photo 03. Area over excavated by Halme (view looking southeast).



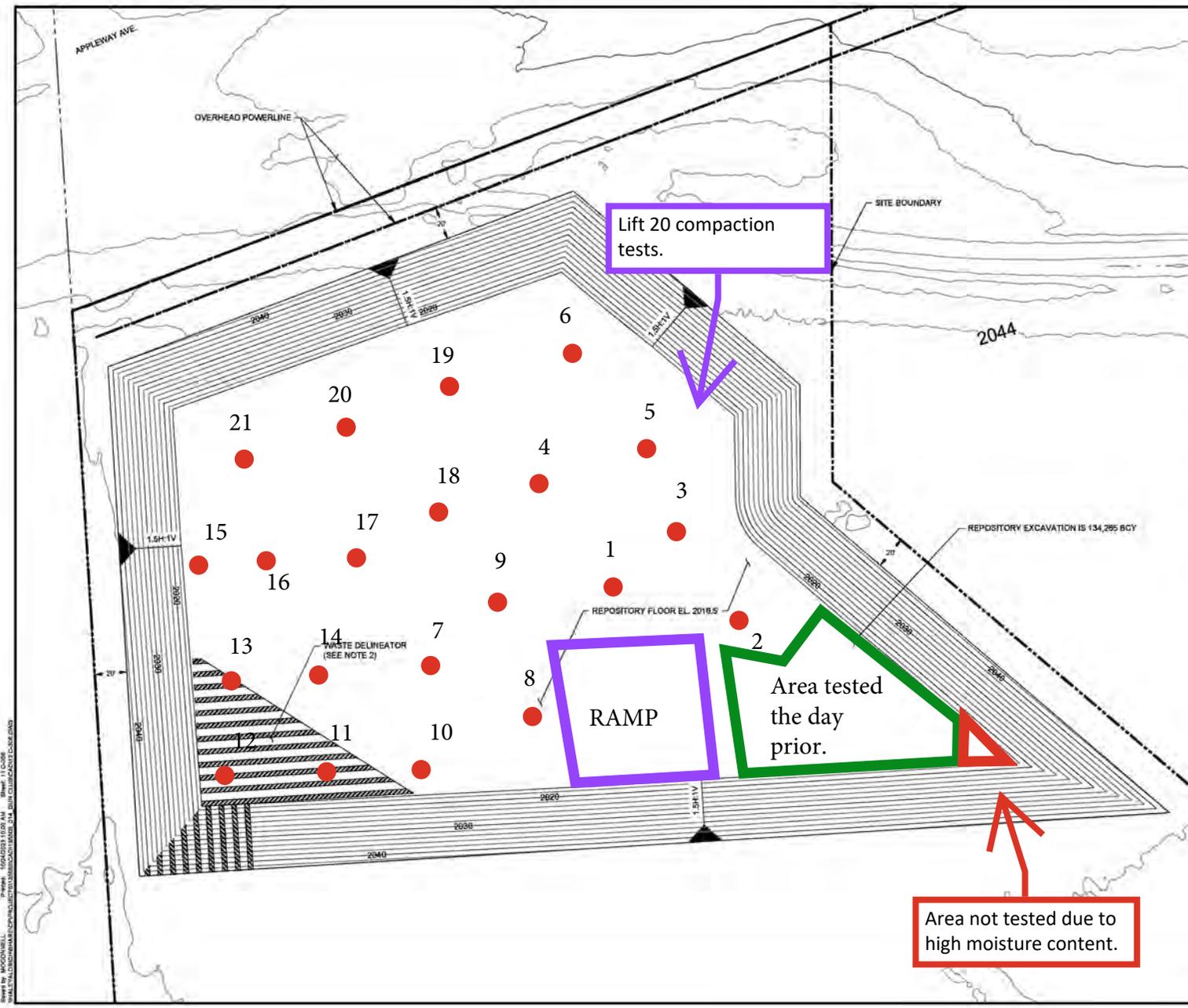
Photo 4. The current state of the northern contaminated stockpile (view looking north).

**Site Photographs – 25 February 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA



**Attachment A**



**NOTES**

1. PRIOR TO EXCAVATION TOPSOIL SHALL BE STRIPPED AND STOCKPILED.
2. A VISUAL REFERENCE FOR THE DELINEATION BETWEEN NATIVE SOIL AND MATERIAL PLACED IN THE REPOSITORY IS REQUIRED; REFERRED TO HEREIN AS A WASTE DELINEATOR.
3. ORANGE SILT FENCE IN ROLLS 3 FEET WIDE (OR APPROVED EQUAL) IS REQUIRED TO BE PLACED 8 FEET O.C. WITH A SPACING BETWEEN THE FABRIC OF 5 FEET IN THE BOTTOM AND ALONG THE CUT SLOPES OF THE REPOSITORY AS A WASTE DELINEATOR.
4. THE ORIENTATION OF THE WASTE DELINEATOR CAN VARY ACROSS THE BOTTOM OF THE REPOSITORY EXCAVATION AS APPROVED BY THE ENGINEER.
5. IMPACTED SOILS SHALL BE PLACED IN THE REPOSITORY IN HORIZONTAL LIFTS NOT TO EXCEED 1.5 FEET IN TOTAL THICKNESS AND COMPACTED TO AT LEAST 90% PER MOOPED PROCTOR ASTM D 1557 (MASHED TO 1.8%).
6. CONCRETE AND OTHER DEMOLITION DEBRIS APPROVED BY THE ENGINEER SHALL BE PLACED 10 OR MORE FEET BELOW THE LINEAR.
7. CONTRACTOR SHALL STOCKPILE BOULDER WITH GREATEST DIMENSIONS LARGER THAN 24 INCHES IN THE STOCKPILE LOCATION SHOWN ON SHEET C-301 OR AS APPROVED BY THE ENGINEER.
8. WHEN PLACING BOULDERS OR COMBLES DO NOT NEST THEM SUCH THAT VOIDS ARE CREATED. BOULDERS AND COMBLES SHALL BE SPREAD OUT UNIFORMLY SO SOIL FILLS AROUND THEM.
9. PLACEMENT OF OVERSIZE MATERIALS (12-24 INCHES) SHALL ALLOW COMPACTION EQUIPMENT TO COMPACT AROUND THE SIDES WITHOUT BEING IN CONTACT WITH HEAVY OVERSIZE MATERIAL THAT PRECLUDES UNIFORM COMPACTION.
10. CONCRETE BROKEN INTO PIECES 12 TO 24 INCHES SHALL BE TREATED THE SAME AS OVERSIZE MATERIAL.
11. CONCRETE SLABS CAN BE INCORPORATED INTO FILL WITHOUT PROCESSING IF THEY ARE PLACED ON A LEVEL SURFACE (E.G. NOT DUMPED) SUCH THAT THEY ARE FIRMLY SEATED AND BACKFILLED WITH SAND AND GRAVEL. CONCRETE SLABS SHALL NOT BE STACKED NESTED OR OTHERWISE PLACED SUCH THAT VOIDS ARE CREATED.
12. CONTRACTOR SHALL PROVIDE AN EXCAVATION PLAN WHICH INCLUDES BOTH THE REPOSITORY EXCAVATION AND BACKFILLING AND THE EXCAVATION OF IMPACTED SOILS.

**HALEY ALDRICH**  
 HALEY & ALDRICH  
 505 W RIVERSIDE AVE. SUITE 205  
 SPOKANE, WA 99201  
 TEL. 800.960.7447  
 WWW.HALEYALDRICH.COM

Project No.	2021M001
Scale	AS SHOWN
Date	10/17/2021
Drawn by	ZS/MG
Checked by	BC
Approved by	KH
Client	JH/AN



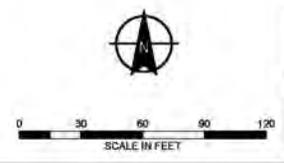
1	ISSUED FOR GEOLOGY	BD	05/14/21
2	ISSUED FOR BLDG	BD	12/14/21
Rev.	Description	By	Date

CVSD GUN CLUB  
 CLEANUP PROJECT  
 19615 E. SPRAGUE AVE. #9005  
 SPOKANE VALLEY,  
 WASHINGTON

REPOSITORY  
 SUBGRADE  
 EXCAVATION PLAN

**C-306**  
 Sheet 11 of 21

CAL  
 February 25 2025



Drawn by: MOONWELL  
 Project: 10242021 10:00 AM  
 Sheet: 11 of 21  
 H:\PROJECTS\2021\10242021\10242021\_11A\_SUB\_GUNCLUB\_CLEANUP\_PLAN.dwg

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
<b>Upwind</b>								
Modem 47181	2/25/2025 19:50	2/25/2025 20:00	0	0	0.001	0.001	0.001	0.002
Modem 47181	2/25/2025 19:40	2/25/2025 19:50	0	0.001	0.001	0.001	0.001	0.002
Modem 47181	2/25/2025 19:30	2/25/2025 19:40	0	0	0.001	0.001	0.001	0.0015
Modem 47181	2/25/2025 19:20	2/25/2025 19:30	0	0	0	0.001	0.001	0.001
Modem 47181	2/25/2025 19:10	2/25/2025 19:20	0	0	0.001	0.001	0.001	0.001
Modem 47181	2/25/2025 19:00	2/25/2025 19:10	0	0.001	0.001	0.001	0.002	0.0015
Modem 47181	2/25/2025 18:50	2/25/2025 19:00	0	0.001	0.001	0.001	0.002	0.0015
Modem 47181	2/25/2025 18:40	2/25/2025 18:50	0.001	0.001	0.001	0.002	0.002	0.0015
Modem 47181	2/25/2025 18:30	2/25/2025 18:40	0.001	0.001	0.001	0.002	0.002	0.0015
Modem 47181	2/25/2025 18:20	2/25/2025 18:30	0.001	0.001	0.001	0.002	0.002	0.0015
Modem 47181	2/25/2025 18:10	2/25/2025 18:20	0.001	0.001	0.001	0.002	0.002	0.0015
Modem 47181	2/25/2025 18:00	2/25/2025 18:10	0.001	0.001	0.001	0.002	0.002	0.0015
Modem 47181	2/25/2025 17:50	2/25/2025 18:00	0.001	0.001	0.002	0.003	0.003	0.002
Modem 47181	2/25/2025 17:40	2/25/2025 17:50	0.001	0.001	0.001	0.002	0.003	0.002
Modem 47181	2/25/2025 17:30	2/25/2025 17:40	0.001	0.001	0.001	0.002	0.002	0.0015
Modem 47181	2/25/2025 17:20	2/25/2025 17:30	0	0	0.001	0.001	0.001	0.001
Modem 47181	2/25/2025 17:10	2/25/2025 17:20	0	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/25/2025 17:00	2/25/2025 17:10	0	0	0.001	0.001	0.001	0.001
Modem 47181	2/25/2025 16:50	2/25/2025 17:00	0	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/25/2025 16:40	2/25/2025 16:50	0	0.001	0.001	0.001	0.001	0.0005
Modem 47181	2/25/2025 16:30	2/25/2025 16:40	0	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/25/2025 16:20	2/25/2025 16:30	0	0.001	0.001	0.001	0.001	0.0005
Modem 47181	2/25/2025 16:10	2/25/2025 16:20	0	0	0.001	0.001	0.001	0.0005
Modem 47181	2/25/2025 16:00	2/25/2025 16:10	0	0.001	0.001	0.001	0.001	0.0005
Modem 47181	2/25/2025 15:50	2/25/2025 16:00	0	0.001	0.001	0.001	0.001	0.0005
Modem 47181	2/25/2025 15:40	2/25/2025 15:50	0	0.001	0.001	0.001	0.001	0.0005
Modem 47181	2/25/2025 15:30	2/25/2025 15:40	0	0	0.001	0.001	0.001	0.0005
Modem 47181	2/25/2025 15:20	2/25/2025 15:30	0	0	0	0.001	0.001	0.0005
Modem 47181	2/25/2025 15:10	2/25/2025 15:20	0	0	0	0.001	0.001	0.0005
Modem 47181	2/25/2025 15:00	2/25/2025 15:10	0	0	0	0.001	0.001	0.0005
Modem 47181	2/25/2025 14:50	2/25/2025 15:00	0	0	0	0.001	0.001	0.001
Modem 47181	2/25/2025 14:40	2/25/2025 14:50	0	0	0	0	0	0
Modem 47181	2/25/2025 14:30	2/25/2025 14:40	0	0	0	0.001	0.001	0.0005
Modem 47181	2/25/2025 14:20	2/25/2025 14:30	0	0	0	0	0	0
Modem 47181	2/25/2025 14:10	2/25/2025 14:20	0	0	0	0	0	0
Modem 47181	2/25/2025 14:00	2/25/2025 14:10	0	0	0	0	0	0
Modem 47181	2/25/2025 13:50	2/25/2025 14:00	0	0	0	0	0	0
Modem 47181	2/25/2025 13:40	2/25/2025 13:50	0	0	0	0	0	0.0005
Modem 47181	2/25/2025 13:30	2/25/2025 13:40	0	0	0	0	0	0.0005
Modem 47181	2/25/2025 13:20	2/25/2025 13:30	0	0	0	0	0	0
Modem 47181	2/25/2025 13:10	2/25/2025 13:20	0	0	0	0	0	0.0005
Modem 47181	2/25/2025 13:00	2/25/2025 13:10	0	0	0	0	0	0
Modem 47181	2/25/2025 12:50	2/25/2025 13:00	0	0	0	0	0.001	0.0005
Modem 47181	2/25/2025 12:40	2/25/2025 12:50	0	0	0	0	0	0
Modem 47181	2/25/2025 12:30	2/25/2025 12:40	0	0	0	0	0	0

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
Modem 47181	2/25/2025 12:20	2/25/2025 12:30	0	0	0	0	0	
Modem 47181	2/25/2025 12:10	2/25/2025 12:20	0	0	0	0	0	
Modem 47181	2/25/2025 12:00	2/25/2025 12:10	0	0	0	0	0	
Modem 47181	2/25/2025 11:50	2/25/2025 12:00	0	0	0	0	0	
Modem 47181	2/25/2025 11:40	2/25/2025 11:50	0	0	0	0	0.001	
Modem 47181	2/25/2025 11:30	2/25/2025 11:40	0	0	0	0.001	0.001	
Modem 47181	2/25/2025 11:20	2/25/2025 11:30	0	0	0	0	0	
Modem 47181	2/25/2025 11:10	2/25/2025 11:20	0.001	0.001	0.001	0.001	0.001	
Modem 47181	2/25/2025 11:00	2/25/2025 11:10	0	0	0	0	0	
Modem 47181	2/25/2025 10:50	2/25/2025 11:00	0	0	0	0	0	
Modem 47181	2/25/2025 10:40	2/25/2025 10:50	0	0	0	0	0	
Modem 47181	2/25/2025 10:30	2/25/2025 10:40	0	0	0	0	0.001	
<b>Downwind</b>								
Modem 49913	2/25/2025 19:50	2/25/2025 20:00	0	0	0	0	0	0.0005
Modem 49913	2/25/2025 19:40	2/25/2025 19:50	0	0	0	0.001	0.001	0.0005
Modem 49913	2/25/2025 19:30	2/25/2025 19:40	0	0	0	0	0	0.0095
Modem 49913	2/25/2025 19:20	2/25/2025 19:30	0.021	0.022	0.023	0.025	0.026	0.013
Modem 49913	2/25/2025 19:10	2/25/2025 19:20	0	0	0	0	0	0
Modem 49913	2/25/2025 19:00	2/25/2025 19:10	0	0	0	0	0	0.0015
Modem 49913	2/25/2025 18:50	2/25/2025 19:00	0	0	0	0	0	0
Modem 49913	2/25/2025 18:40	2/25/2025 18:50	0	0	0	0	0	0
Modem 49913	2/25/2025 18:30	2/25/2025 18:40	0	0	0	0	0	0
Modem 49913	2/25/2025 18:20	2/25/2025 18:30	0	0	0	0	0	0
Modem 49913	2/25/2025 18:10	2/25/2025 18:20	0	0	0	0	0	0
Modem 49913	2/25/2025 18:00	2/25/2025 18:10	0	0	0	0	0	0.001
Modem 49913	2/25/2025 17:50	2/25/2025 18:00	0	0	0	0.001	0.001	0.0005
Modem 49913	2/25/2025 17:40	2/25/2025 17:50	0	0	0	0	0	0
Modem 49913	2/25/2025 17:30	2/25/2025 17:40	0.017	0.017	0.018	0.018	0.019	0.0155
Modem 49913	2/25/2025 17:20	2/25/2025 17:30	0	0	0	0	0	0
Modem 49913	2/25/2025 17:10	2/25/2025 17:20	0	0	0	0	0	0
Modem 49913	2/25/2025 17:00	2/25/2025 17:10	0.002	0.002	0.002	0.003	0.003	0.0015
Modem 49913	2/25/2025 16:50	2/25/2025 17:00	0	0	0	0	0	0
Modem 49913	2/25/2025 16:40	2/25/2025 16:50	0	0	0	0	0	0
Modem 49913	2/25/2025 16:30	2/25/2025 16:40	0	0	0	0	0	0.0145
Modem 49913	2/25/2025 16:20	2/25/2025 16:30	0	0	0	0	0	-0.0005
Modem 49913	2/25/2025 16:10	2/25/2025 16:20	0	0	0	0	0	-0.0005
Modem 49913	2/25/2025 16:00	2/25/2025 16:10	0.002	0.002	0.002	0.002	0.002	0.0005
Modem 49913	2/25/2025 15:50	2/25/2025 16:00	0	0	0	0	0	-0.0005
Modem 49913	2/25/2025 15:40	2/25/2025 15:50	0	0	0	0	0	0
Modem 49913	2/25/2025 15:30	2/25/2025 15:40	0.011	0.011	0.011	0.012	0.012	0.006
Modem 49913	2/25/2025 15:20	2/25/2025 15:30	0	0	0	0	0	-0.0005
Modem 49913	2/25/2025 15:10	2/25/2025 15:20	0	0	0	0	0	-0.0005
Modem 49913	2/25/2025 15:00	2/25/2025 15:10	0	0	0	0	0	0
Modem 49913	2/25/2025 14:50	2/25/2025 15:00	0	0	0	0	0	0
Modem 49913	2/25/2025 14:40	2/25/2025 14:50	-0.001	0	0	0	0	0
Modem 49913	2/25/2025 14:30	2/25/2025 14:40	0.028	0.028	0.029	0.029	0.029	0.0175

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
Modem 49913	2/25/2025 14:20	2/25/2025 14:30	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	2/25/2025 14:10	2/25/2025 14:20	-0.001	-0.001	-0.001	-0.001	-0.001	0
Modem 49913	2/25/2025 14:00	2/25/2025 14:10	-0.001	-0.001	-0.001	-0.001	-0.001	0.0065
Modem 49913	2/25/2025 13:50	2/25/2025 14:00	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	2/25/2025 13:40	2/25/2025 13:50	-0.001	-0.001	-0.001	0	0	0
Modem 49913	2/25/2025 13:30	2/25/2025 13:40	0	0	0	0	0	0.001
Modem 49913	2/25/2025 13:20	2/25/2025 13:30	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	2/25/2025 13:10	2/25/2025 13:20	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	2/25/2025 13:00	2/25/2025 13:10	-0.001	-0.001	0	0	0	0
Modem 49913	2/25/2025 12:50	2/25/2025 13:00	0	0	0	0	0	0
Modem 49913	2/25/2025 12:40	2/25/2025 12:50	0	0	0	0	0	0
Modem 49913	2/25/2025 12:30	2/25/2025 12:40	0.005	0.005	0.005	0.006	0.006	0.003
Modem 49913	2/25/2025 12:20	2/25/2025 12:30	0	0	0	0	0	
Modem 49913	2/25/2025 12:10	2/25/2025 12:20	0.001	0.001	0.001	0.001	0.001	
Modem 49913	2/25/2025 12:00	2/25/2025 12:10	0.012	0.013	0.013	0.014	0.014	
Modem 49913	2/25/2025 11:50	2/25/2025 12:00	0	0	0	0	0	
Modem 49913	2/25/2025 11:40	2/25/2025 11:50	0	0	0	0	0	
Modem 49913	2/25/2025 11:30	2/25/2025 11:40	0.001	0.001	0.001	0.002	0.002	
Modem 49913	2/25/2025 11:20	2/25/2025 11:30	0	0	0	0	0	
Modem 49913	2/25/2025 11:10	2/25/2025 11:20	0	0	0	0	0	
Modem 49913	2/25/2025 11:00	2/25/2025 11:10	0	0	0	0	0	
Modem 49913	2/25/2025 10:50	2/25/2025 11:00	0	0	0	0	0	
Modem 49913	2/25/2025 10:40	2/25/2025 10:50	0	0	0	0	0	
Modem 49913	2/25/2025 10:30	2/25/2025 10:40	0	0	0	0	0	



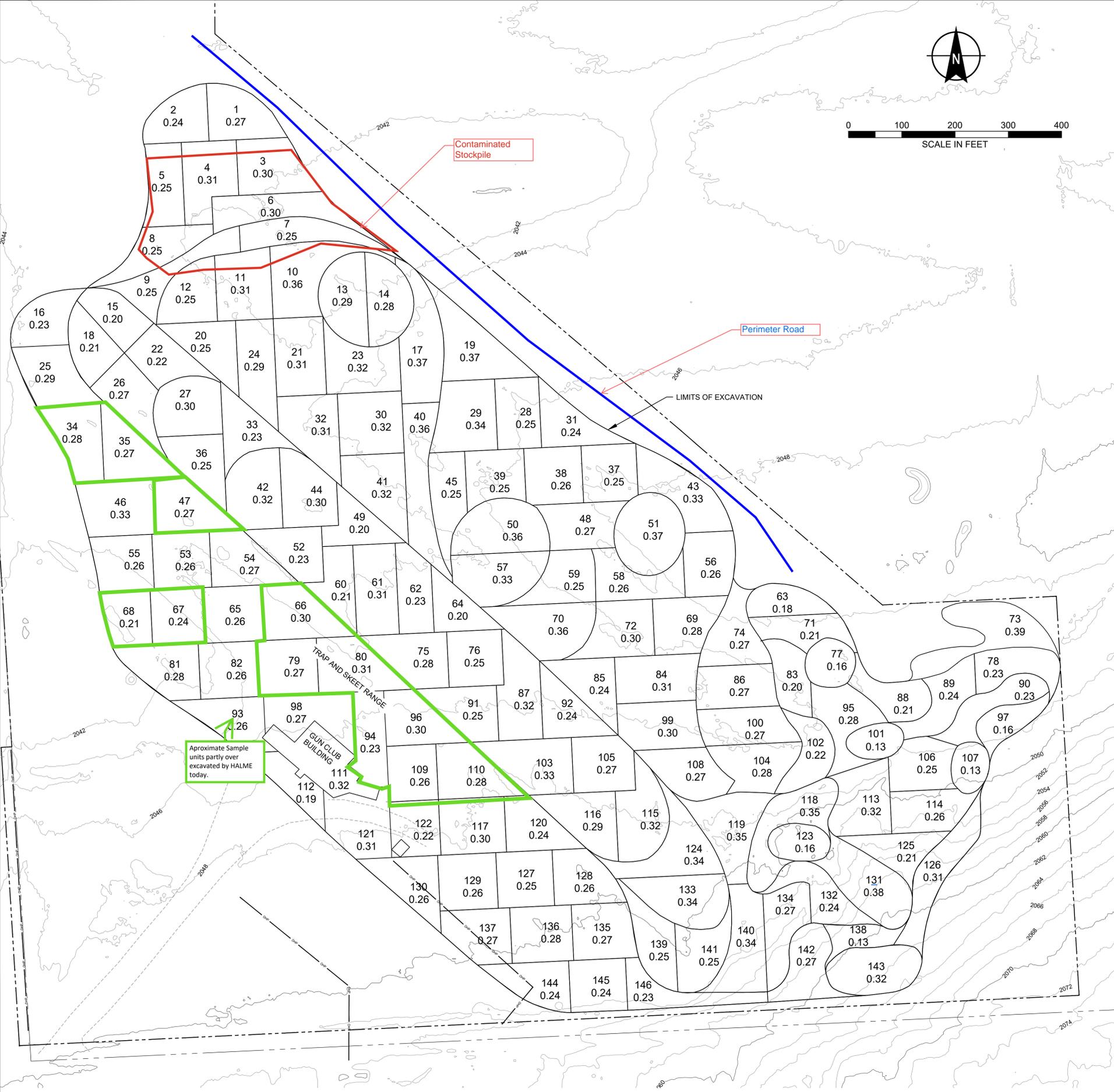
**NOTES**

1. CONTRACTOR IS RESPONSIBLE FOR SURVEYING AND DELINEATING THE LIMITS OF THE SAMPLE UNITS SHOWN, AS NECESSARY TO COMPLETE THE WORK.
2. CONTRACTOR SHALL NOT BACKFILL WITHIN THE LIMITS OF ANY INDIVIDUAL SAMPLING UNTIL RECEIVING APPROVAL BY THE ENGINEER.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR CONFIRMATION SAMPLING AT LEAST 2 WORKING DAYS IN ADVANCE FOR EACH SAMPLING UNIT.
4. ALLOW UP TO 5 DAYS FOR THE ENGINEER TO COLLECT CONFIRMATION SAMPLES FOLLOWING IMPACTED SOIL EXCAVATION AND 10 TO 15 DAYS FOR ANALYTICAL RESULTS. CONFIRMATION SAMPLING RESULTS ARE EXPECTED TO TAKE BETWEEN 10 AND 15 DAYS, POSSIBLY LONGER. THE EXACT NUMBER OF DAYS REQUIRED WILL NOT BE KNOWN UNTIL THE FIRST SAMPLES ARE PROCESSED AND COULD VARY BETWEEN SAMPLING UNITS DEPENDING ON SHIPPING AND MOISTURE CONTENT. THE CONTRACTOR SHALL PLAN THE WORK ACCORDINGLY.
5. ONCE A SAMPLING UNIT IS DESIGNATED FOR CONFIRMATION SAMPLING IMPACTED SOILS SHALL NO LONGER BE TRANSPORTED THROUGH THAT SAMPLING UNIT.
6. CLEAN BACKFILL FROM THE REPOSITORY CAN BE STOCKPILED ADJACENT TO SAMPLING UNITS OUTSIDE THE LIMITS OF EXCAVATION IN LOCATIONS APPROVED BY THE ENGINEER.

**LEGEND**

- 73 SAMPLE UNIT ID
- 0.39 AREA (ACRES)

UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)
1	0.27	59	0.25	117	0.30
2	0.24	60	0.21	118	0.35
3	0.30	61	0.31	119	0.35
4	0.31	62	0.23	120	0.24
5	0.25	63	0.18	121	0.31
6	0.30	64	0.20	122	0.22
7	0.25	65	0.26	123	0.16
8	0.25	66	0.30	124	0.34
9	0.25	67	0.24	125	0.21
10	0.36	68	0.21	126	0.31
11	0.31	69	0.28	127	0.25
12	0.25	70	0.36	128	0.26
13	0.29	71	0.21	129	0.26
14	0.28	72	0.30	130	0.26
15	0.20	73	0.39	131	0.38
16	0.23	74	0.27	132	0.24
17	0.37	75	0.28	133	0.34
18	0.21	76	0.25	134	0.27
19	0.37	77	0.16	135	0.27
20	0.25	78	0.23	136	0.28
21	0.31	79	0.27	137	0.27
22	0.22	80	0.31	138	0.13
23	0.32	81	0.28	139	0.25
24	0.29	82	0.26	140	0.34
25	0.29	83	0.20	141	0.25
26	0.27	84	0.31	142	0.27
27	0.30	85	0.24	143	0.32
28	0.25	86	0.27	144	0.24
29	0.34	87	0.32	145	0.24
30	0.32	88	0.21	146	0.23
31	0.24	89	0.24	TOTAL	39.42
32	0.31	90	0.23		
33	0.23	91	0.25		
34	0.28	92	0.24		
35	0.27	93	0.26		
36	0.25	94	0.23		
37	0.25	95	0.28		
38	0.26	96	0.30		
39	0.25	97	0.16		
40	0.36	98	0.27		
41	0.32	99	0.30		
42	0.32	100	0.27		
43	0.33	101	0.13		
44	0.30	102	0.22		
45	0.25	103	0.33		
46	0.33	104	0.28		
47	0.27	105	0.27		
48	0.27	106	0.25		
49	0.20	107	0.13		
50	0.36	108	0.27		
51	0.37	109	0.26		
52	0.23	110	0.28		
53	0.26	111	0.32		
54	0.27	112	0.19		
55	0.26	113	0.32		
56	0.26	114	0.26		
57	0.33	115	0.32		
58	0.26	116	0.29		



Saved by: MCCANNELL  
 Date: 10/24/2023 9:59 AM  
 Sheet: 07 of 21  
 Project: 10155000 CAD133206\_014\_GUN CLUB CLEANUP C-302.DWG

Project No.:	202349-001
Scale:	SHOWN
Date:	10/17/2023
Drawn By:	ZS/MO
Designed By:	BD
Checked By:	KH
Approved By:	JH/KH
Stamp:	

1	ISSUED FOR ECOLOGY	BD	05/18/23
0	ISSUED FOR BID	BD	10/18/23
Rev.	Description	By	Date

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE. #9656  
SPOKANE VALLEY,  
WASHINGTON

**CONFIRMATION SAMPLING PLAN**

**C-302**

Excavation  
Plan  
Markup CAL  
25 Feb 2025

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	67
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	26 February 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Sunny	<b>Temperature</b>	32-50°F

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**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: Halme utilized a Dozer for contaminated soil excavation of units along the southwestern excavation border. Halme partially over excavated units by pushing contaminated soil to the eastern border of the respective contaminated units to be loaded into haul trucks and transported into the repository. These over excavated units are only partially over excavated and pending a final clean up by Halme. Approximate over excavated sample unit locations are noted in the attached Confirmation Sampling Plan.
- b. Contaminated Unit Sampling: No contaminated unit sampling occurred today.
- c. Backfill: Haley & Aldrich, Inc. (Haley & Aldrich) observed compaction of Lift No. 21 and partial backfilling of Lift No. 21 within the repository today. At this point, Lift No. 20 is completely compaction tested. Lift No. 21 backfilling continued today. Haley & Aldrich compaction tested areas of Lift No. 21 as they were completed by Halme.

**II. DUST MONITORING:**

Dust Monitors (DMs) with telemetry capabilities were deployed in advance of excavation and backfill today and operated from 07:40 to 17:00. Samsara DM 47181 was positioned upwind of Site work and DM 49913 was positioned downwind of Site work. The relative humidity in the morning was approximately 93 percent, and the wind was from the northeast to southwest.

Dust levels did not exceed the threshold of 2.5 milligrams per square meter ( $\text{mg}/\text{m}^3$ ) total particulates, nor the threshold of  $0.025 \text{ mg}/\text{m}^3$   $\text{PM}_{10}$  120-minute rolling average at the downwind property boundary. Site observations indicated that dust was well-controlled. Dust monitoring data is attached.

**III. COMPACTION TESTING:**

The Troxler E-Gauge 4590 was the utilized method of compaction testing, with a density greater than or equal to 90 percent of the 134.0 pounds per square foot ( $\text{lbs.}/\text{ft}^3$ ) proctor indicating adequate compaction. The remaining compaction testing location left over from yesterday (25 February) was recompacted this morning and provided passing results. Lift No. 21 was compaction tested by Haley & Aldrich in areas prepared and compacted by Halme. Lift No. 21 was partly compacted today in areas adjacent to the ramp into the repository and along the eastern border. Compaction test locations are attached in the Repository Subgrade Excavation Plan. After the final compaction test for Lift No. 20, Haley & Aldrich deemed changing the proctor value back to 134 appropriate based on compaction values, visual observations, and professional judgement of material being used for Lift No. 21.

**DAILY FIELD REPORT**

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	67
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	26 February 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	2 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Sunny	<b>Temperature</b>	32-50°F

The following compaction tests were performed today with the E-Gauge:

Table 1. E-Gauge Compaction Test Results							
Test Number	% Proctor	Dry Density (pcf)	Wet Density (pcf)	Moisture	% Moisture	Pass/Fail	Proctor Value
20/1	92.8	127.2	140.9	13.7	10.8	P	137
21/1	90.7	121.6	126.6	5.0	4.1	P	134
21/2	96.8	129.8	134.9	5.1	3.9	P	134
21/3	95.6	128.2	135	6.9	5.4	P	134
21/4	91.5	122.5	127.6	5.0	4.1	P	134
21/5	90.6	121.4	125.6	4.2	3.4	P	134
21/6	90.6	121.3	126.6	5.2	4.3	P	134
21/7	89.6	120	126.2	6.2	5.2	F	134
21/8	92.7	124.2	127.5	3.4	2.7	P	134
21/9	93.1	12.8	129.2	4.4	3.5	P	134
21/10	78.3	105	110.9	5.9	5.6	F	134
21/11	91.4	122.4	128	5.5	4.5	P	134

Test 21/7 that failed was retested as 21/11 and Test 21/10 will be retested after additional compaction tomorrow (27 February).

**Discussions:**

<u>Name</u>	<u>Topic</u>
Halme; Haley & Aldrich	Haley & Aldrich spoke with Casey of Halme throughout the Lift No. 21 compaction process.

<u>Field Representative(s)</u>	<u>Time on site</u>	<u>Report/Travel/Other</u>	<u>Total</u>
Cameron Luckey	10.25 hours	1.00 hour	11.25 hours

**Distribution:**

CVSD; Attn: Jay Rowell  
 OAC Services, Inc.; Attn: Jeff Jurgensen

**Attachments:**

- Attachment A – Photolog
- Attachment B – Repository Subgrade Excavation Plan
- Attachment C - Dust Data
- Attachment D - Confirmation Sampling Plan



Haley & Aldrich, Inc.



Photo 01. Repository backfilling process (view looking north).



Photo 02. Repository backfilling process (view looking northwest).

**Site Photographs – 26 February 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA



**Attachment A**



Photo 03. Units over excavated by Halme (view looking northwest).



Photo 04. Units over excavated by Halme (view looking southwest).

**Site Photographs – 26 February 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA



**Attachment A**



DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
<b>Upwind</b>								
Modem 47181	2/26/2025 19:50	2/26/2025 20:00	0.002	0.002	0.003	0.003	0.003	0.0025
Modem 47181	2/26/2025 19:40	2/26/2025 19:50	0.003	0.003	0.003	0.004	0.004	0.0025
Modem 47181	2/26/2025 19:30	2/26/2025 19:40	0.002	0.002	0.002	0.003	0.003	0.0025
Modem 47181	2/26/2025 19:20	2/26/2025 19:30	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	2/26/2025 19:10	2/26/2025 19:20	0.002	0.002	0.002	0.003	0.003	0.003
Modem 47181	2/26/2025 19:00	2/26/2025 19:10	0.001	0.002	0.002	0.002	0.002	0.002
Modem 47181	2/26/2025 18:50	2/26/2025 19:00	0.002	0.002	0.002	0.003	0.003	0.0025
Modem 47181	2/26/2025 18:40	2/26/2025 18:50	0.002	0.002	0.002	0.003	0.003	0.0025
Modem 47181	2/26/2025 18:30	2/26/2025 18:40	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	2/26/2025 18:20	2/26/2025 18:30	0.001	0.001	0.002	0.002	0.002	0.002
Modem 47181	2/26/2025 18:10	2/26/2025 18:20	0.001	0.001	0.001	0.001	0.001	0.0015
Modem 47181	2/26/2025 18:00	2/26/2025 18:10	0.001	0.001	0.002	0.002	0.002	0.002
Modem 47181	2/26/2025 17:50	2/26/2025 18:00	0.001	0.002	0.002	0.002	0.002	0.002
Modem 47181	2/26/2025 17:40	2/26/2025 17:50	0.001	0.001	0.001	0.001	0.001	0.0015
Modem 47181	2/26/2025 17:30	2/26/2025 17:40	0.001	0.001	0.001	0.002	0.002	0.002
Modem 47181	2/26/2025 17:20	2/26/2025 17:30	0.001	0.001	0.001	0.002	0.002	0.002
Modem 47181	2/26/2025 17:10	2/26/2025 17:20	0.002	0.002	0.002	0.002	0.003	0.0025
Modem 47181	2/26/2025 17:00	2/26/2025 17:10	0.001	0.002	0.002	0.002	0.002	0.002
Modem 47181	2/26/2025 16:50	2/26/2025 17:00	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	2/26/2025 16:40	2/26/2025 16:50	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	2/26/2025 16:30	2/26/2025 16:40	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	2/26/2025 16:20	2/26/2025 16:30	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	2/26/2025 16:10	2/26/2025 16:20	0.002	0.002	0.002	0.002	0.002	0.0025
Modem 47181	2/26/2025 16:00	2/26/2025 16:10	0.002	0.002	0.002	0.002	0.002	0.0025
Modem 47181	2/26/2025 15:50	2/26/2025 16:00	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	2/26/2025 15:40	2/26/2025 15:50	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	2/26/2025 15:30	2/26/2025 15:40	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	2/26/2025 15:20	2/26/2025 15:30	0.002	0.002	0.002	0.002	0.002	0.0015
Modem 47181	2/26/2025 15:10	2/26/2025 15:20	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	2/26/2025 15:00	2/26/2025 15:10	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	2/26/2025 14:50	2/26/2025 15:00	0.002	0.002	0.002	0.002	0.002	0.003
Modem 47181	2/26/2025 14:40	2/26/2025 14:50	0.002	0.002	0.002	0.002	0.002	0.003
Modem 47181	2/26/2025 14:30	2/26/2025 14:40	0.002	0.002	0.002	0.002	0.002	0.003
Modem 47181	2/26/2025 14:20	2/26/2025 14:30	0.002	0.002	0.002	0.002	0.002	0.003
Modem 47181	2/26/2025 14:10	2/26/2025 14:20	0.002	0.002	0.002	0.003	0.003	0.0035
Modem 47181	2/26/2025 14:00	2/26/2025 14:10	0.002	0.002	0.002	0.003	0.003	0.003
Modem 47181	2/26/2025 13:50	2/26/2025 14:00	0.002	0.002	0.002	0.002	0.002	0.0025
Modem 47181	2/26/2025 13:40	2/26/2025 13:50	0.002	0.002	0.002	0.002	0.002	0.0025
Modem 47181	2/26/2025 13:30	2/26/2025 13:40	0.001	0.002	0.002	0.002	0.002	0.003
Modem 47181	2/26/2025 13:20	2/26/2025 13:30	0.001	0.001	0.001	0.001	0.001	0.0025
Modem 47181	2/26/2025 13:10	2/26/2025 13:20	0.002	0.002	0.002	0.002	0.002	0.0035
Modem 47181	2/26/2025 13:00	2/26/2025 13:10	0.002	0.002	0.002	0.002	0.002	0.004
Modem 47181	2/26/2025 12:50	2/26/2025 13:00	0.003	0.003	0.003	0.004	0.004	0.0065
Modem 47181	2/26/2025 12:40	2/26/2025 12:50	0.004	0.004	0.004	0.004	0.004	0.007
Modem 47181	2/26/2025 12:30	2/26/2025 12:40	0.003	0.003	0.003	0.004	0.004	0.0065
Modem 47181	2/26/2025 12:20	2/26/2025 12:30	0.003	0.003	0.003	0.004	0.004	
Modem 47181	2/26/2025 12:10	2/26/2025 12:20	0.003	0.004	0.004	0.004	0.004	
Modem 47181	2/26/2025 12:00	2/26/2025 12:10	0.003	0.003	0.003	0.003	0.003	
Modem 47181	2/26/2025 11:50	2/26/2025 12:00	0.003	0.003	0.003	0.003	0.003	
Modem 47181	2/26/2025 11:40	2/26/2025 11:50	0.003	0.003	0.003	0.003	0.003	

HALEY & ALDRICH, INC.

[https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/02 - February/02\\_26\\_25\\_CAL\\_DFR\\_67/02-26-25 Dust Dat](https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/02 - February/02_26_25_CAL_DFR_67/02-26-25 Dust Dat)

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
Modem 47181	2/26/2025 11:30	2/26/2025 11:40	0.003	0.004	0.004	0.004	0.004	
Modem 47181	2/26/2025 11:20	2/26/2025 11:30	0.004	0.004	0.004	0.004	0.004	
Modem 47181	2/26/2025 11:10	2/26/2025 11:20	0.004	0.005	0.005	0.005	0.005	
Modem 47181	2/26/2025 11:00	2/26/2025 11:10	0.006	0.006	0.006	0.006	0.006	
Modem 47181	2/26/2025 10:50	2/26/2025 11:00	0.008	0.008	0.008	0.009	0.009	
Modem 47181	2/26/2025 10:40	2/26/2025 10:50	0.009	0.009	0.009	0.01	0.01	
Modem 47181	2/26/2025 10:30	2/26/2025 10:40	0.008	0.009	0.009	0.009	0.009	
<b>Downwind</b>								
Modem 49913	2/26/2025 19:50	2/26/2025 20:00	0	0	0	0	0	0
Modem 49913	2/26/2025 19:40	2/26/2025 19:50	0	0	0	0	0	0
Modem 49913	2/26/2025 19:30	2/26/2025 19:40	0	0	0	0	0	0
Modem 49913	2/26/2025 19:20	2/26/2025 19:30	0	0	0	0	0	0.0005
Modem 49913	2/26/2025 19:10	2/26/2025 19:20	0	0	0	0.001	0.001	0.0015
Modem 49913	2/26/2025 19:00	2/26/2025 19:10	0.002	0.003	0.003	0.003	0.003	0.0015
Modem 49913	2/26/2025 18:50	2/26/2025 19:00	0	0	0	0	0	0.0025
Modem 49913	2/26/2025 18:40	2/26/2025 18:50	0.001	0.001	0.001	0.001	0.001	0.0005
Modem 49913	2/26/2025 18:30	2/26/2025 18:40	0	0	0	0	0	0
Modem 49913	2/26/2025 18:20	2/26/2025 18:30	0	0	0	0	0	0
Modem 49913	2/26/2025 18:10	2/26/2025 18:20	0	0	0	0	0	0
Modem 49913	2/26/2025 18:00	2/26/2025 18:10	0	0	0	0	0	0
Modem 49913	2/26/2025 17:50	2/26/2025 18:00	0	0	0	0	0	0
Modem 49913	2/26/2025 17:40	2/26/2025 17:50	0	0	0	0	0	0
Modem 49913	2/26/2025 17:30	2/26/2025 17:40	0	0	0	0	0	0.0005
Modem 49913	2/26/2025 17:20	2/26/2025 17:30	0	0	0	0.001	0.001	0.0005
Modem 49913	2/26/2025 17:10	2/26/2025 17:20	0.001	0.001	0.001	0.001	0.002	0.001
Modem 49913	2/26/2025 17:00	2/26/2025 17:10	0	0	0	0	0	0
Modem 49913	2/26/2025 16:50	2/26/2025 17:00	0.003	0.003	0.003	0.004	0.005	0.0025
Modem 49913	2/26/2025 16:40	2/26/2025 16:50	0	0	0	0	0	0
Modem 49913	2/26/2025 16:30	2/26/2025 16:40	0	0	0	0	0	0
Modem 49913	2/26/2025 16:20	2/26/2025 16:30	0	0	0	0	0	0
Modem 49913	2/26/2025 16:10	2/26/2025 16:20	0	0	0	0	0	0
Modem 49913	2/26/2025 16:00	2/26/2025 16:10	0	0	0	0	0	0.0005
Modem 49913	2/26/2025 15:50	2/26/2025 16:00	0	0	0	0	0	0.003
Modem 49913	2/26/2025 15:40	2/26/2025 15:50	0	0	0	0	0	0.001
Modem 49913	2/26/2025 15:30	2/26/2025 15:40	0	0	0	0.001	0.001	0.003
Modem 49913	2/26/2025 15:20	2/26/2025 15:30	0	0	0	0	0	0.0005
Modem 49913	2/26/2025 15:10	2/26/2025 15:20	0	0	0	0	0	0.0035
Modem 49913	2/26/2025 15:00	2/26/2025 15:10	0	0	0	0	0	0.0005
Modem 49913	2/26/2025 14:50	2/26/2025 15:00	0	0	0	0	0	0.0005
Modem 49913	2/26/2025 14:40	2/26/2025 14:50	0	0	0	0	0	0.001
Modem 49913	2/26/2025 14:30	2/26/2025 14:40	0	0	0	0	0	0.0005
Modem 49913	2/26/2025 14:20	2/26/2025 14:30	0	0	0	0	0	0.0005
Modem 49913	2/26/2025 14:10	2/26/2025 14:20	0	0	0	0	0	0.0005
Modem 49913	2/26/2025 14:00	2/26/2025 14:10	0	0	0.001	0.001	0.001	0.0005
Modem 49913	2/26/2025 13:50	2/26/2025 14:00	0.005	0.005	0.005	0.006	0.006	0.0035
Modem 49913	2/26/2025 13:40	2/26/2025 13:50	0.001	0.002	0.002	0.002	0.002	0.0015
Modem 49913	2/26/2025 13:30	2/26/2025 13:40	0.004	0.004	0.004	0.005	0.005	0.003
Modem 49913	2/26/2025 13:20	2/26/2025 13:30	0.001	0.001	0.001	0.001	0.001	0.0015
Modem 49913	2/26/2025 13:10	2/26/2025 13:20	0.006	0.006	0.006	0.007	0.007	0.005
Modem 49913	2/26/2025 13:00	2/26/2025 13:10	0.001	0.001	0.001	0.001	0.001	0.003
Modem 49913	2/26/2025 12:50	2/26/2025 13:00	0.001	0.001	0.001	0.001	0.001	0.004

HALEY & ALDRICH, INC.

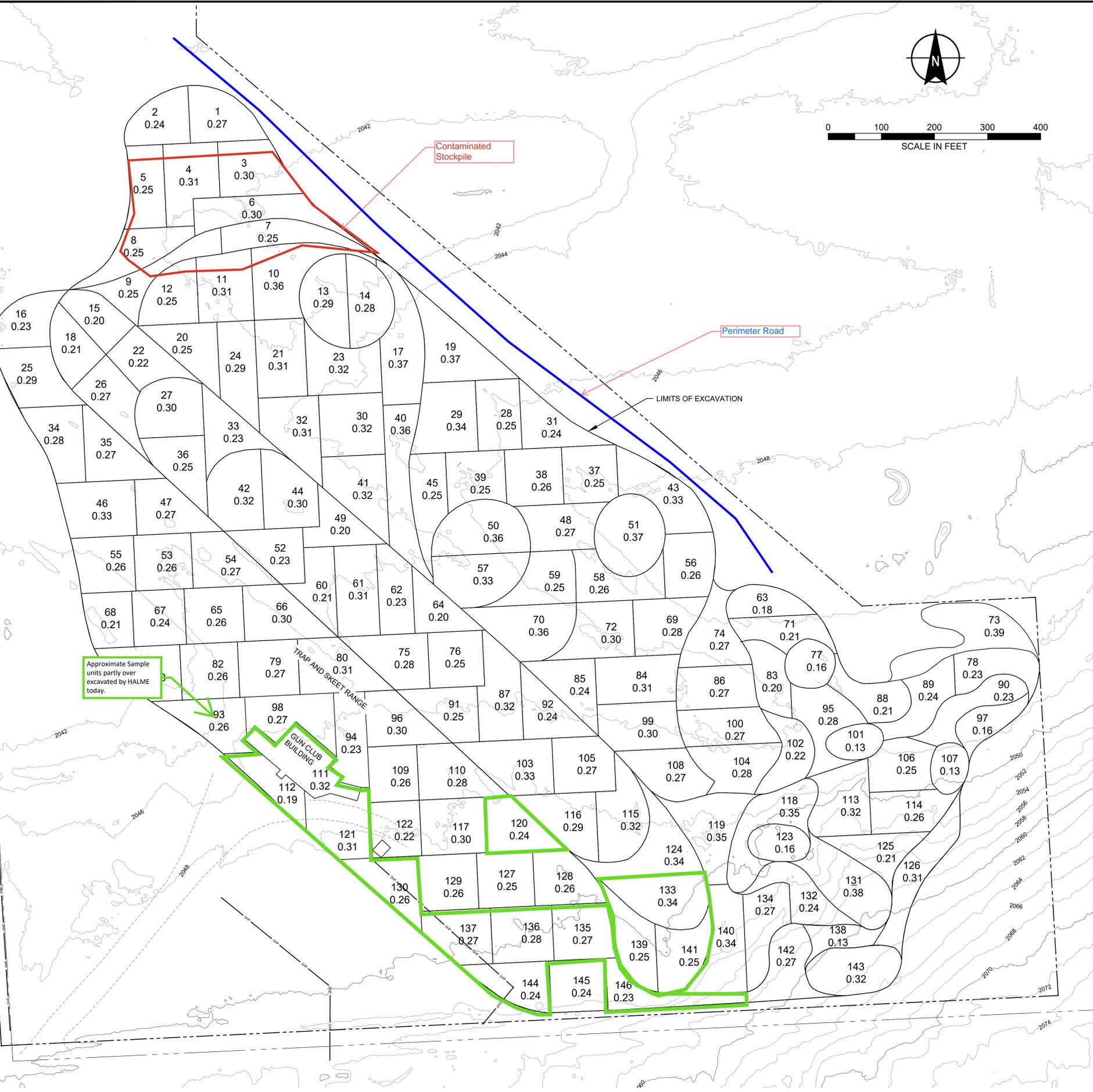
DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
Modem 49913	2/26/2025 12:40	2/26/2025 12:50	0.001	0.001	0.002	0.002	0.002	0.005
Modem 49913	2/26/2025 12:30	2/26/2025 12:40	0.001	0.001	0.001	0.001	0.001	0.0045
Modem 49913	2/26/2025 12:20	2/26/2025 12:30	0	0.001	0.001	0.001	0.001	
Modem 49913	2/26/2025 12:10	2/26/2025 12:20	0.001	0.001	0.001	0.001	0.001	
Modem 49913	2/26/2025 12:00	2/26/2025 12:10	0	0	0	0	0	
Modem 49913	2/26/2025 11:50	2/26/2025 12:00	0	0	0	0.001	0.001	
Modem 49913	2/26/2025 11:40	2/26/2025 11:50	0.001	0.001	0.001	0.001	0.001	
Modem 49913	2/26/2025 11:30	2/26/2025 11:40	0.001	0.001	0.001	0.001	0.001	
Modem 49913	2/26/2025 11:20	2/26/2025 11:30	0.002	0.002	0.002	0.002	0.002	
Modem 49913	2/26/2025 11:10	2/26/2025 11:20	0.002	0.003	0.003	0.003	0.003	
Modem 49913	2/26/2025 11:00	2/26/2025 11:10	0.005	0.005	0.005	0.005	0.005	
Modem 49913	2/26/2025 10:50	2/26/2025 11:00	0.007	0.007	0.007	0.007	0.007	
Modem 49913	2/26/2025 10:40	2/26/2025 10:50	0.008	0.008	0.008	0.008	0.008	
Modem 49913	2/26/2025 10:30	2/26/2025 10:40	0.008	0.008	0.008	0.008	0.008	



**NOTES**

1. CONTRACTOR IS RESPONSIBLE FOR SURVEYING AND DELINEATING THE LIMITS OF THE SAMPLE UNITS SHOWN, AS NECESSARY TO COMPLETE THE WORK.
2. CONTRACTOR SHALL NOT BACKFILL WITHIN THE LIMITS OF ANY INDIVIDUAL SAMPLING UNTIL RECEIVING APPROVAL BY THE ENGINEER.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR CONFIRMATION SAMPLING AT LEAST 2 WORKING DAYS IN ADVANCE FOR EACH SAMPLING UNIT.
4. ALLOW UP TO 5 DAYS FOR THE ENGINEER TO COLLECT CONFIRMATION SAMPLES FOLLOWING IMPACTED SOIL EXCAVATION AND 10 TO 15 DAYS FOR ANALYTICAL RESULTS. CONFIRMATION SAMPLING RESULTS ARE EXPECTED TO TAKE BETWEEN 10 AND 15 DAYS, POSSIBLY LONGER. THE EXACT NUMBER OF DAYS REQUIRED WILL NOT BE KNOWN UNTIL THE FIRST SAMPLES ARE PROCESSED AND COULD VARY BETWEEN SAMPLING UNITS DEPENDING ON SHIPPING AND MOISTURE CONTENT. THE CONTRACTOR SHALL PLAN THE WORK ACCORDINGLY.
5. ONCE A SAMPLING UNIT IS DESIGNATED FOR CONFIRMATION SAMPLING IMPACTED SOILS SHALL NO LONGER BE TRANSPORTED THROUGH THAT SAMPLING UNIT.
6. CLEAN BACKFILL FROM THE REPOSITORY CAN BE STOCKPILED ADJACENT TO SAMPLING UNITS OUTSIDE THE LIMITS OF EXCAVATION IN LOCATIONS APPROVED BY THE ENGINEER.

**LEGEND**

- 73 SAMPLE UNIT ID
- 0.39 AREA (ACRES)

UNIT ID	AREA (AC.)
1	0.27
2	0.24
3	0.30
4	0.31
5	0.25
6	0.30
7	0.25
8	0.25
9	0.25
10	0.36
11	0.31
12	0.25
13	0.29
14	0.28
15	0.20
16	0.23
17	0.37
18	0.21
19	0.37
20	0.25
21	0.31
22	0.22
23	0.32
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25	0.29
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27	0.30
28	0.25
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59	0.25
60	0.21
61	0.31
62	0.23
63	0.18
64	0.20
65	0.26
66	0.30
67	0.24
68	0.21
69	0.28
70	0.36
71	0.21
72	0.30
73	0.39
74	0.27
75	0.28
76	0.25
77	0.16
78	0.23
79	0.27
80	0.31
81	0.28
82	0.26
83	0.20
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125	0.21
126	0.31
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<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	68
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	27 February 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Foggy to Sunny	<b>Temperature</b>	30-56°F

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**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: Haley & Aldrich, Inc. (Haley & Aldrich) observed excavation of units on the west side of the Site, which were sampled the same day. Soil was also removed from a small, contaminated stockpile located on the southwest portion of the Site. The soil from these areas was then taken directly to the repository as fill for Lift No. 21.
- b. Confirmation Sampling: A total of seven Units were sampled today (Units 35, 34, 47, 133, 124, 68, and 67), with each Unit being divided into four quadrants. A discrete sample was collected from the approximate center of each Quadrant, resulting in four samples per Unit and a total of 28 samples overall. The Chain of Custody (COC) for these samples is attached.
- c. Backfill: Haley & Aldrich observed compacting of Lift Nos. 21 and 22 and placement of Lift Nos. 21, 22, and 23 in the repository. As these different areas of the repository were verified as adequately compacted, Halme brought in fill to the repository for Lift No. 21, depositing this soil in small stockpiles, and Lift Nos. 22 and 23, by pushing this soil from an adjacent contaminated stockpile.

**II. DUST MONITORING:**

Dust Monitors (DMs) with telemetry capabilities were deployed in advance of excavation and backfill today and operated from 07:15 to 16:30. Samsara DM 47181 was positioned upwind of Site work and DM 49913 was positioned downwind of Site work. The relative humidity in the morning was approximately 94 percent and the wind was to the southwest.

Dust levels did not exceed the threshold of 2.5 milligrams per cubic meter (mg/m<sup>3</sup>) total particulates nor the threshold of 0.025 mg/m<sup>3</sup> PM<sub>10</sub> 120-minute rolling average at the downwind property boundary. Site observations indicated that dust was well-controlled. Dust monitoring data is attached.

**III. COMPACTION TESTING:**

The Troxler E-Gauge 4590 was used for compaction testing, with a density greater than or equal to 90 percent of the 134.0 pounds per square foot (lbs./ft<sup>3</sup>) proctor indicating adequate compaction. Areas demonstrating non-compliance due to inadequate compaction were recompacted based on Haley & Aldrich instruction.

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	68
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	27 February 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	2 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Foggy to Sunny	<b>Temperature</b>	30-56°F

The following compaction tests were performed today with the E-Gauge:

Table 2. E-Gauge Compaction Test Results								
Test Number	Test Area	Test Time	Test Depth	Dry Density (pcf)	Wet Density (pcf)	% Moisture	% Proctor	Test Result
22/1	East Edge	10:00	8"	122.0	127.1	4.2	91.0	Pass
22/2	East Edge	10:30	10"	122.6	128.5	4.8	91.5	Pass
22/2	East Edge	10:45	10"	132.5	137.5	3.8	98.8	Pass
22/4	East Edge	11:00	8"	128.7	134.1	4.2	96.0	Pass
22/5	East Edge	11:15	10"	126.2	132.5	5.1	94.2	Pass
22/6	SE Arm	11:30	10"	126.1	131.4	4.2	94.1	Pass
22/7	SE Arm	11:45	8"	123.5	128.3	4.0	92.1	Pass
22/8	SE Arm	12:00	8"	121.1	126.6	4.5	90.4	Pass
21/1	Centerline East	14:00	8"	132.1	136.6	3.4	98.6	Pass
21/2	Centerline East	14:30	8"	126.0	131.0	4.0	94.0	Pass

These tests yielded a total of 10 passing results across the sections of Lift Nos. 21 and 22 listed above.

**Discussions:**

<u>Name</u>	<u>Topic</u>
Halme; Haley & Aldrich	Haley & Aldrich spoke with Matt of Halme throughout the Lift No. 21 and Lift No. 22 compaction process, issuing guidance on which areas needed to be recompacted.

<u>Field Representative(s)</u>	<u>Time on Site</u>	<u>Report/Travel/Other</u>	<u>Total</u>
Luke Peden	10.25 hours	1.25 hour	11.50 hours
Zackery Castillo da Silva	2.50 hours	0.00 hours	2.50 hours

**Distribution:**

CVSD; Attn: Jay Rowell  
 OAC Services, Inc.; Attn: Jeff Jurgensen

**Attachments:**

- Attachment A – Photo Log
- Attachment B – Dust Data
- Attachment C – Chain of Custody (COC)
- Attachment D – Confirmation Sampling Plan
- Attachment E – Repository Subgrade Excavation Plan (Markup)
- Attachment F – Repository Subgrade Excavation Plan (Sections)

Haley & Aldrich, Inc.



Photo 01. Lift No. 20 of the repository (previously compacted), facing northwest.



Photo 02. Excavation of contaminated units on the west side of the site, facing southwest.

**Site Photographs – 27 February 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA



**Attachment A**



Photo 03. Compaction testing of Lift No. 22 of the repository, facing northwest.



Photo 04. Haul truck driving after scraping the primary haul road, facing southeast.

**Site Photographs – 27 February 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA



**Attachment A**

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM 10 120 min Avg.
	(Eastern)	(Eastern)	(mg/m <sup>3</sup> )					
<b>Upwind</b>								
Modem 47181	2/27/2025 19:50	2/27/2025 20:00	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/27/2025 19:40	2/27/2025 19:50	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/27/2025 19:30	2/27/2025 19:40	0.000	0.000	0.001	0.001	0.001	0.001
Modem 47181	2/27/2025 19:20	2/27/2025 19:30	0.000	0.000	0.000	0.000	0.000	0.001
Modem 47181	2/27/2025 19:10	2/27/2025 19:20	0.000	0.000	0.000	0.001	0.001	0.001
Modem 47181	2/27/2025 19:00	2/27/2025 19:10	0.000	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/27/2025 18:50	2/27/2025 19:00	0.000	0.000	0.001	0.001	0.001	0.001
Modem 47181	2/27/2025 18:40	2/27/2025 18:50	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/27/2025 18:30	2/27/2025 18:40	0.000	0.000	0.001	0.001	0.001	0.001
Modem 47181	2/27/2025 18:20	2/27/2025 18:30	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/27/2025 18:10	2/27/2025 18:20	0.000	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/27/2025 18:00	2/27/2025 18:10	0.000	0.000	0.000	0.001	0.001	0.001
Modem 47181	2/27/2025 17:50	2/27/2025 18:00	0.000	0.000	0.000	0.001	0.001	0.001
Modem 47181	2/27/2025 17:40	2/27/2025 17:50	0.000	0.000	0.000	0.001	0.001	0.001
Modem 47181	2/27/2025 17:30	2/27/2025 17:40	0.000	0.000	0.000	0.000	0.000	0.001
Modem 47181	2/27/2025 17:20	2/27/2025 17:30	0.000	0.000	0.000	0.001	0.001	0.001
Modem 47181	2/27/2025 17:10	2/27/2025 17:20	0.000	0.000	0.000	0.001	0.001	0.001
Modem 47181	2/27/2025 17:00	2/27/2025 17:10	0.000	0.001	0.001	0.001	0.001	0.001
Modem 47181	2/27/2025 16:50	2/27/2025 17:00	0.000	0.000	0.000	0.001	0.001	0.001
Modem 47181	2/27/2025 16:40	2/27/2025 16:50	0.000	0.000	0.001	0.001	0.001	0.001
Modem 47181	2/27/2025 16:30	2/27/2025 16:40	0.000	0.000	0.000	0.001	0.001	0.002
Modem 47181	2/27/2025 16:20	2/27/2025 16:30	0.000	0.001	0.001	0.001	0.001	0.002
Modem 47181	2/27/2025 16:10	2/27/2025 16:20	0.000	0.000	0.000	0.000	0.000	0.002
Modem 47181	2/27/2025 16:00	2/27/2025 16:10	0.001	0.001	0.001	0.001	0.001	0.002
Modem 47181	2/27/2025 15:50	2/27/2025 16:00	0.001	0.001	0.001	0.002	0.002	0.003
Modem 47181	2/27/2025 15:40	2/27/2025 15:50	0.001	0.001	0.001	0.001	0.001	0.003
Modem 47181	2/27/2025 15:30	2/27/2025 15:40	0.001	0.001	0.001	0.001	0.001	0.003
Modem 47181	2/27/2025 15:20	2/27/2025 15:30	0.002	0.002	0.002	0.002	0.002	0.003
Modem 47181	2/27/2025 15:10	2/27/2025 15:20	0.002	0.002	0.002	0.002	0.002	0.003
Modem 47181	2/27/2025 15:00	2/27/2025 15:10	0.002	0.002	0.002	0.002	0.002	0.003
Modem 47181	2/27/2025 14:50	2/27/2025 15:00	0.003	0.003	0.003	0.003	0.003	0.004
Modem 47181	2/27/2025 14:40	2/27/2025 14:50	0.002	0.002	0.002	0.002	0.002	0.004
Modem 47181	2/27/2025 14:30	2/27/2025 14:40	0.003	0.003	0.003	0.003	0.003	0.004
Modem 47181	2/27/2025 14:20	2/27/2025 14:30	0.003	0.003	0.003	0.003	0.003	0.004
Modem 47181	2/27/2025 14:10	2/27/2025 14:20	0.004	0.004	0.004	0.005	0.005	0.004
Modem 47181	2/27/2025 14:00	2/27/2025 14:10	0.003	0.004	0.004	0.004	0.004	0.004
Modem 47181	2/27/2025 13:50	2/27/2025 14:00	0.003	0.004	0.004	0.004	0.004	0.005
Modem 47181	2/27/2025 13:40	2/27/2025 13:50	0.003	0.003	0.004	0.004	0.004	0.005
Modem 47181	2/27/2025 13:30	2/27/2025 13:40	0.003	0.003	0.003	0.003	0.003	0.005
Modem 47181	2/27/2025 13:20	2/27/2025 13:30	0.003	0.003	0.004	0.004	0.004	0.006
Modem 47181	2/27/2025 13:10	2/27/2025 13:20	0.003	0.003	0.004	0.004	0.004	0.006
Modem 47181	2/27/2025 13:00	2/27/2025 13:10	0.003	0.003	0.003	0.003	0.003	0.007
Modem 47181	2/27/2025 12:50	2/27/2025 13:00	0.004	0.004	0.004	0.004	0.004	0.007
Modem 47181	2/27/2025 12:40	2/27/2025 12:50	0.005	0.005	0.005	0.005	0.005	0.007
Modem 47181	2/27/2025 12:30	2/27/2025 12:40	0.005	0.005	0.006	0.006	0.006	0.007
Modem 47181	2/27/2025 12:20	2/27/2025 12:30	0.005	0.005	0.006	0.006	0.006	0.006

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM 10 120 min Avg.
	(Eastern)	(Eastern)	(mg/m <sup>3</sup> )					
Modem 47181	2/27/2025 12:10	2/27/2025 12:20	0.005	0.005	0.005	0.006	0.006	0.006
Modem 47181	2/27/2025 12:00	2/27/2025 12:10	0.005	0.005	0.005	0.005	0.005	0.006
Modem 47181	2/27/2025 11:50	2/27/2025 12:00	0.006	0.006	0.006	0.006	0.006	
Modem 47181	2/27/2025 11:40	2/27/2025 11:50	0.008	0.009	0.009	0.009	0.010	
Modem 47181	2/27/2025 11:30	2/27/2025 11:40	0.009	0.009	0.009	0.009	0.009	
Modem 47181	2/27/2025 11:20	2/27/2025 11:30	0.009	0.009	0.009	0.009	0.009	
Modem 47181	2/27/2025 11:10	2/27/2025 11:20	0.009	0.010	0.010	0.010	0.010	
Modem 47181	2/27/2025 11:00	2/27/2025 11:10	0.010	0.010	0.011	0.011	0.011	
Modem 47181	2/27/2025 10:50	2/27/2025 11:00	0.002	0.002	0.003	0.003	0.003	
Modem 47181	2/27/2025 10:40	2/27/2025 10:50	0.002	0.002	0.003	0.003	0.003	
Modem 47181	2/27/2025 10:30	2/27/2025 10:40	0.002	0.002	0.003	0.003	0.003	
Modem 47181	2/27/2025 10:20	2/27/2025 10:30	0.002	0.002	0.003	0.003	0.003	
Modem 47181	2/27/2025 10:10	2/27/2025 10:20	0.002	0.002	0.003	0.003	0.003	
Modem 47181	2/27/2025 10:00	2/27/2025 10:10	0.002	0.002	0.003	0.003	0.003	
<b>Downwind</b>								
Modem 49913	2/27/2025 19:50	2/27/2025 20:00	0.001	0.001	0.001	0.005	0.006	-0.001
Modem 49913	2/27/2025 19:40	2/27/2025 19:50	-0.001	-0.001	-0.001	0.000	0.000	-0.001
Modem 49913	2/27/2025 19:30	2/27/2025 19:40	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Modem 49913	2/27/2025 19:20	2/27/2025 19:30	-0.002	-0.002	-0.002	-0.001	-0.001	-0.001
Modem 49913	2/27/2025 19:10	2/27/2025 19:20	-0.001	-0.001	-0.001	-0.001	-0.001	-0.002
Modem 49913	2/27/2025 19:00	2/27/2025 19:10	-0.002	-0.002	-0.002	-0.001	-0.001	-0.002
Modem 49913	2/27/2025 18:50	2/27/2025 19:00	-0.002	-0.002	-0.001	-0.001	-0.001	-0.002
Modem 49913	2/27/2025 18:40	2/27/2025 18:50	-0.001	-0.001	-0.001	-0.001	-0.001	-0.002
Modem 49913	2/27/2025 18:30	2/27/2025 18:40	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
Modem 49913	2/27/2025 18:20	2/27/2025 18:30	-0.002	-0.002	-0.001	-0.001	-0.001	-0.002
Modem 49913	2/27/2025 18:10	2/27/2025 18:20	-0.002	-0.002	-0.001	-0.001	-0.001	-0.002
Modem 49913	2/27/2025 18:00	2/27/2025 18:10	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
Modem 49913	2/27/2025 17:50	2/27/2025 18:00	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
Modem 49913	2/27/2025 17:40	2/27/2025 17:50	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
Modem 49913	2/27/2025 17:30	2/27/2025 17:40	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
Modem 49913	2/27/2025 17:20	2/27/2025 17:30	-0.002	-0.002	-0.002	-0.002	-0.002	-0.001
Modem 49913	2/27/2025 17:10	2/27/2025 17:20	-0.002	-0.002	-0.002	-0.002	-0.002	-0.001
Modem 49913	2/27/2025 17:00	2/27/2025 17:10	-0.002	-0.002	-0.002	-0.002	-0.002	-0.001
Modem 49913	2/27/2025 16:50	2/27/2025 17:00	-0.002	-0.002	-0.002	-0.002	-0.002	-0.001
Modem 49913	2/27/2025 16:40	2/27/2025 16:50	-0.002	-0.002	-0.002	-0.002	-0.001	-0.001
Modem 49913	2/27/2025 16:30	2/27/2025 16:40	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Modem 49913	2/27/2025 16:20	2/27/2025 16:30	-0.002	-0.002	-0.002	-0.002	-0.002	0.000
Modem 49913	2/27/2025 16:10	2/27/2025 16:20	-0.002	-0.002	-0.002	-0.002	-0.002	0.000
Modem 49913	2/27/2025 16:00	2/27/2025 16:10	-0.002	-0.002	-0.002	-0.002	-0.002	0.000
Modem 49913	2/27/2025 15:50	2/27/2025 16:00	-0.001	-0.001	-0.001	-0.001	-0.001	0.000
Modem 49913	2/27/2025 15:40	2/27/2025 15:50	-0.001	-0.001	-0.001	-0.001	-0.001	0.000
Modem 49913	2/27/2025 15:30	2/27/2025 15:40	-0.001	-0.001	0.000	0.000	0.000	0.001
Modem 49913	2/27/2025 15:20	2/27/2025 15:30	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	2/27/2025 15:10	2/27/2025 15:20	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	2/27/2025 15:00	2/27/2025 15:10	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	2/27/2025 14:50	2/27/2025 15:00	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	2/27/2025 14:40	2/27/2025 14:50	0.001	0.001	0.001	0.001	0.001	0.001

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM 10 120 min Avg.
	(Eastern)	(Eastern)	(mg/m <sup>3</sup> )					
Modem 49913	2/27/2025 14:30	2/27/2025 14:40	0.000	0.000	0.000	0.000	0.000	0.002
Modem 49913	2/27/2025 14:20	2/27/2025 14:30	0.000	0.000	0.000	0.001	0.001	0.002
Modem 49913	2/27/2025 14:10	2/27/2025 14:20	0.000	0.001	0.001	0.001	0.001	0.002
Modem 49913	2/27/2025 14:00	2/27/2025 14:10	0.000	0.000	0.000	0.001	0.001	0.002
Modem 49913	2/27/2025 13:50	2/27/2025 14:00	0.000	0.000	0.001	0.001	0.001	0.002
Modem 49913	2/27/2025 13:40	2/27/2025 13:50	0.001	0.001	0.001	0.002	0.002	0.003
Modem 49913	2/27/2025 13:30	2/27/2025 13:40	0.001	0.001	0.001	0.001	0.001	0.003
Modem 49913	2/27/2025 13:20	2/27/2025 13:30	0.001	0.001	0.001	0.002	0.002	0.004
Modem 49913	2/27/2025 13:10	2/27/2025 13:20	0.002	0.002	0.002	0.002	0.002	0.004
Modem 49913	2/27/2025 13:00	2/27/2025 13:10	0.001	0.001	0.001	0.001	0.001	0.005
Modem 49913	2/27/2025 12:50	2/27/2025 13:00	0.002	0.002	0.002	0.002	0.002	0.005
Modem 49913	2/27/2025 12:40	2/27/2025 12:50	0.002	0.002	0.003	0.003	0.003	0.006
Modem 49913	2/27/2025 12:30	2/27/2025 12:40	0.003	0.003	0.003	0.003	0.003	0.007
Modem 49913	2/27/2025 12:20	2/27/2025 12:30	0.003	0.003	0.003	0.003	0.003	0.008
Modem 49913	2/27/2025 12:10	2/27/2025 12:20	0.003	0.003	0.003	0.003	0.003	0.007
Modem 49913	2/27/2025 12:00	2/27/2025 12:10	0.003	0.003	0.003	0.003	0.003	0.007
Modem 49913	2/27/2025 11:50	2/27/2025 12:00	0.004	0.004	0.004	0.004	0.004	
Modem 49913	2/27/2025 11:40	2/27/2025 11:50	0.006	0.006	0.006	0.006	0.006	
Modem 49913	2/27/2025 11:30	2/27/2025 11:40	0.006	0.007	0.007	0.007	0.007	
Modem 49913	2/27/2025 11:20	2/27/2025 11:30	0.008	0.008	0.008	0.008	0.009	
Modem 49913	2/27/2025 11:10	2/27/2025 11:20	0.008	0.008	0.008	0.008	0.008	
Modem 49913	2/27/2025 11:00	2/27/2025 11:10	0.009	0.009	0.009	0.009	0.009	
Modem 49913	2/27/2025 10:50	2/27/2025 11:00	0.009	0.009	0.009	0.009	0.009	
Modem 49913	2/27/2025 10:40	2/27/2025 10:50	0.013	0.013	0.013	0.013	0.013	
Modem 49913	2/27/2025 10:30	2/27/2025 10:40	0.014	0.014	0.014	0.014	0.014	
Modem 49913	2/27/2025 10:20	2/27/2025 10:30	0.010	0.011	0.011	0.011	0.011	
Modem 49913	2/27/2025 10:10	2/27/2025 10:20	0.000	0.000	0.000	0.000	0.000	
Modem 49913	2/27/2025 10:00	2/27/2025 10:10	0.000	0.000	0.000	0.000	0.000	







**NOTES**

1. CONTRACTOR IS RESPONSIBLE FOR SURVEYING AND DELINEATING THE LIMITS OF THE SAMPLE UNITS SHOWN, AS NECESSARY TO COMPLETE THE WORK.
2. CONTRACTOR SHALL NOT BACKFILL WITHIN THE LIMITS OF ANY INDIVIDUAL SAMPLING UNTIL RECEIVING APPROVAL BY THE ENGINEER.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR CONFIRMATION SAMPLING AT LEAST 2 WORKING DAYS IN ADVANCE FOR EACH SAMPLING UNIT.
4. ALLOW UP TO 5 DAYS FOR THE ENGINEER TO COLLECT CONFIRMATION SAMPLES FOLLOWING IMPACTED SOIL EXCAVATION AND 10 TO 15 DAYS FOR ANALYTICAL RESULTS. CONFIRMATION SAMPLING RESULTS ARE EXPECTED TO TAKE BETWEEN 10 AND 15 DAYS, POSSIBLY LONGER. THE EXACT NUMBER OF DAYS REQUIRED WILL NOT BE KNOWN UNTIL THE FIRST SAMPLES ARE PROCESSED AND COULD VARY BETWEEN SAMPLING UNITS DEPENDING ON SHIPPING AND MOISTURE CONTENT. THE CONTRACTOR SHALL PLAN THE WORK ACCORDINGLY.
5. ONCE A SAMPLING UNIT IS DESIGNATED FOR CONFIRMATION SAMPLING IMPACTED SOILS SHALL NO LONGER BE TRANSPORTED THROUGH THAT SAMPLING UNIT.
6. CLEAN BACKFILL FROM THE REPOSITORY CAN BE STOCKPILED ADJACENT TO SAMPLING UNITS OUTSIDE THE LIMITS OF EXCAVATION IN LOCATIONS APPROVED BY THE ENGINEER.

**LEGEND**

- 73 SAMPLE UNIT ID
- 0.39 AREA (ACRES)

UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)
1	0.27	59	0.25	117	0.30
2	0.24	60	0.21	118	0.35
3	0.30	61	0.31	119	0.35
4	0.31	62	0.23	120	0.24
5	0.25	63	0.18	121	0.31
6	0.30	64	0.20	122	0.22
7	0.25	65	0.26	123	0.16
8	0.25	66	0.30	124	0.34
9	0.25	67	0.24	125	0.21
10	0.36	68	0.21	126	0.31
11	0.31	69	0.28	127	0.25
12	0.25	70	0.36	128	0.26
13	0.29	71	0.21	129	0.26
14	0.28	72	0.30	130	0.26
15	0.20	73	0.39	131	0.38
16	0.23	74	0.27	132	0.24
17	0.37	75	0.28	133	0.34
18	0.21	76	0.25	134	0.27
19	0.37	77	0.16	135	0.27
20	0.25	78	0.23	136	0.28
21	0.31	79	0.27	137	0.27
22	0.22	80	0.31	138	0.13
23	0.32	81	0.28	139	0.25
24	0.29	82	0.26	140	0.34
25	0.29	83	0.20	141	0.25
26	0.27	84	0.31	142	0.27
27	0.30	85	0.24	143	0.32
28	0.25	86	0.27	144	0.24
29	0.34	87	0.32	145	0.24
30	0.32	88	0.21	146	0.23
31	0.24	89	0.24	TOTAL	39.42
32	0.31	90	0.23		
33	0.23	91	0.25		
34	0.28	92	0.24		
35	0.27	93	0.26		
36	0.25	94	0.23		
37	0.25	95	0.28		
38	0.26	96	0.30		
39	0.25	97	0.16		
40	0.36	98	0.27		
41	0.32	99	0.30		
42	0.32	100	0.27		
43	0.33	101	0.13		
44	0.30	102	0.22		
45	0.25	103	0.33		
46	0.33	104	0.28		
47	0.27	105	0.27		
48	0.27	106	0.25		
49	0.20	107	0.13		
50	0.36	108	0.27		
51	0.37	109	0.26		
52	0.23	110	0.28		
53	0.26	111	0.32		
54	0.27	112	0.19		
55	0.26	113	0.32		
56	0.26	114	0.26		
57	0.33	115	0.32		
58	0.26	116	0.29		

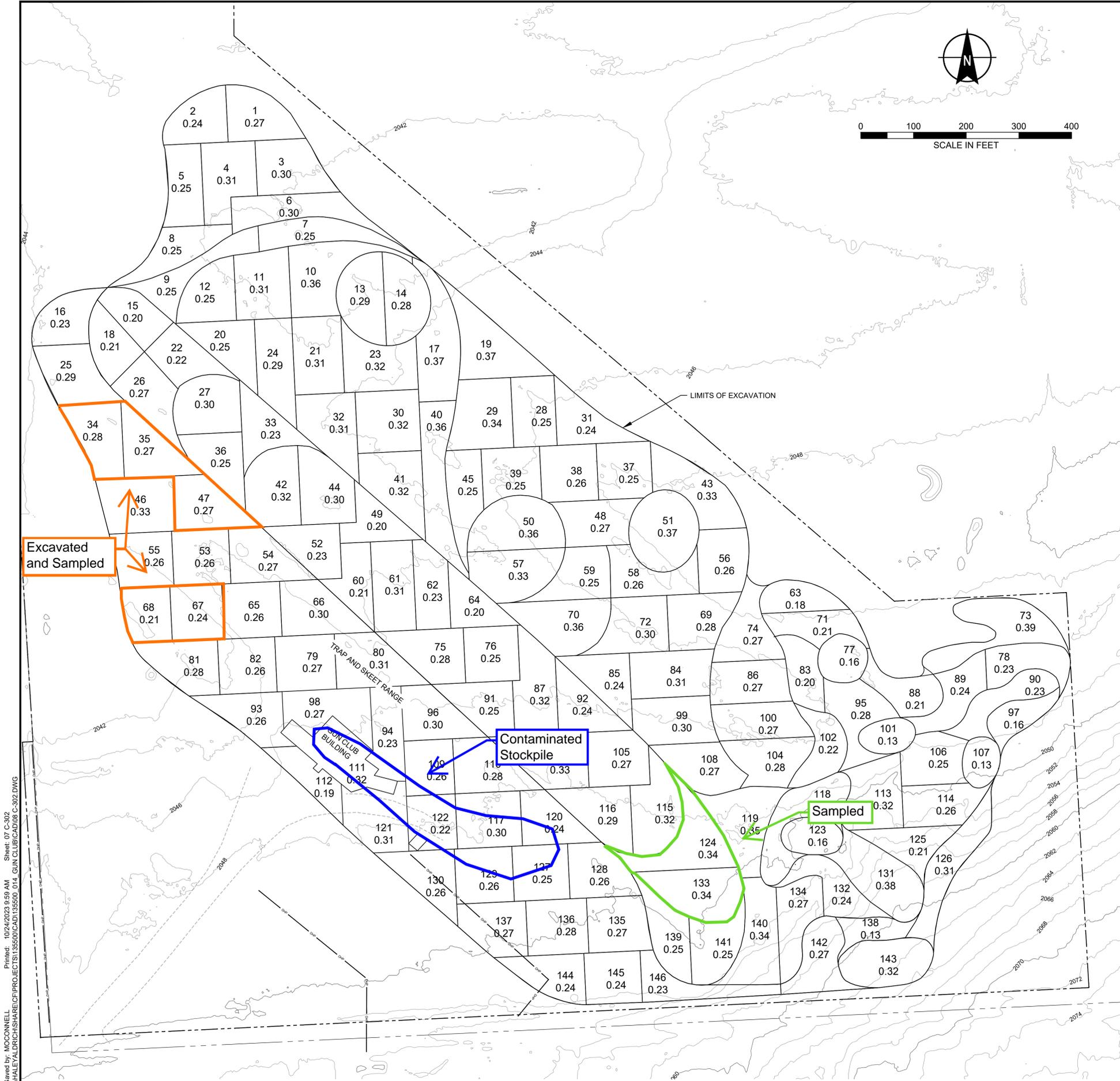
Project No.:	202349-001
Scale:	SHOWN
Date:	10/17/2023
Drawn By:	ZS/MO
Designed By:	BD
Checked By:	KH
Approved By:	JH/KH
Stamp:	

1	ISSUED FOR ECOLOGY	BD	05/18/23
0	ISSUED FOR BID	BD	10/18/23
Rev.	Description	By	Date

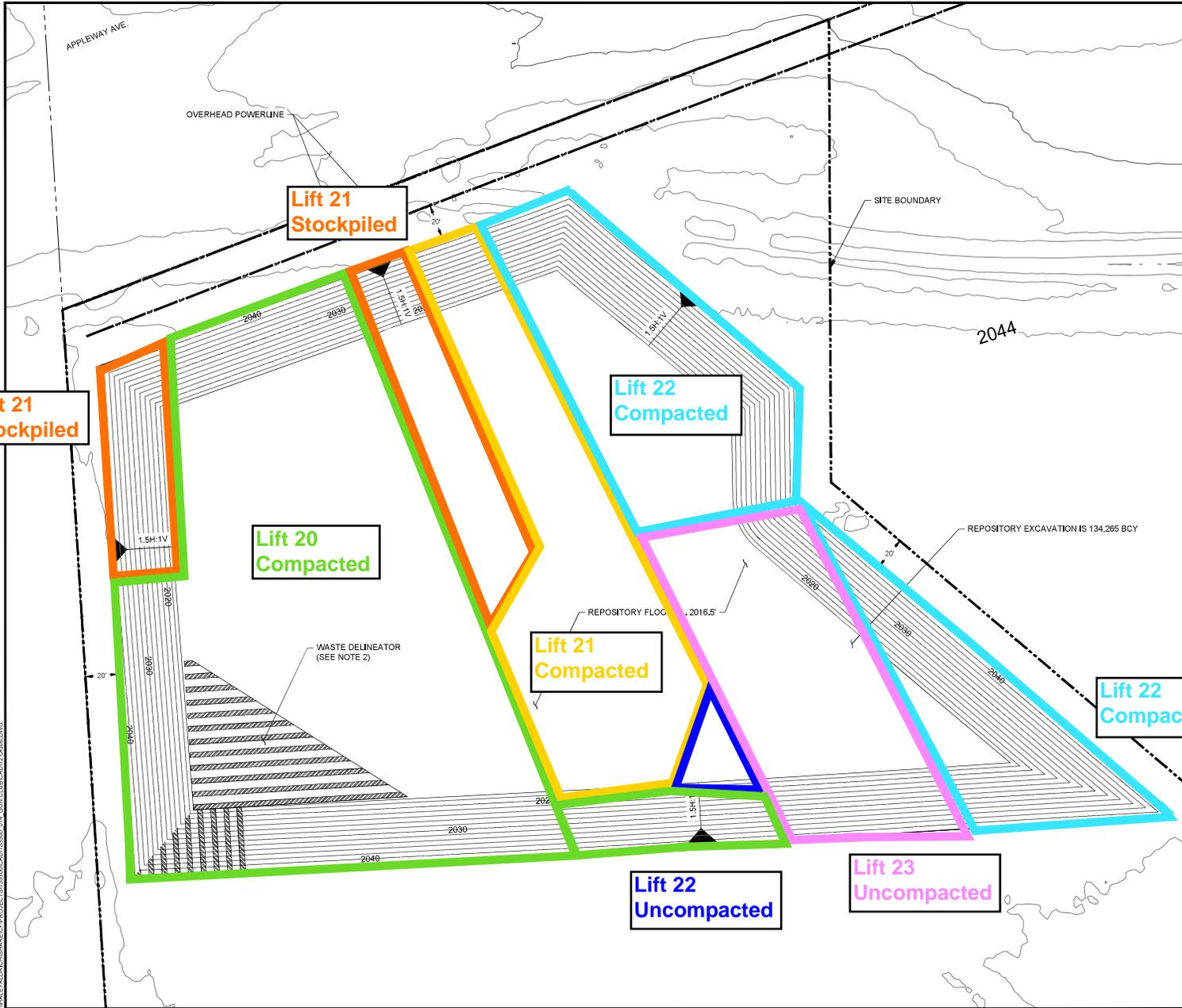
CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE. #9656  
SPOKANE VALLEY,  
WASHINGTON

**CONFIRMATION SAMPLING PLAN**

**C-302**



LWP  
February 27, 2025



**NOTES**

1. PRIOR TO EXCAVATION TOPSOIL SHALL BE STRIPPED AND STOCKPILED.
2. A VISUAL REFERENCE FOR THE DELINEATION BETWEEN NATIVE SOIL AND MATERIAL PLACED IN THE REPOSITORY IS REQUIRED, REFERRED TO HEREIN AS A WASTE DELINEATOR.
3. ORANGE SILT FENCE IN ROLLS 5 FEET WIDE (OR AND APPROVED EQUAL) IS REQUIRED TO BE PLACED 8 FEET O.C. WITH A SPACING BETWEEN THE FABRIC OF 5 FEET IN THE BOTTOM AND ALONG THE CUT SLOPES OF THE REPOSITORY AS A WASTE DELINEATOR.
4. THE ORIENTATION OF THE WASTE DELINEATOR CAN VARY ACROSS THE BOTTOM OF THE REPOSITORY EXCAVATION AS APPROVED BY THE ENGINEER.
5. IMPACTED SOILS SHALL BE PLACED IN THE REPOSITORY IN HORIZONTAL LIFTS NOT TO EXCEED 1.5 FEET IN TOTAL THICKNESS AND COMPACTED TO AT LEAST 90% PER MODIFIED PROCTOR ASTM D 1557/ASTM TO 1.180.
6. CONCRETE AND OTHER DEMOLITION DEBRIS APPROVED BY THE ENGINEER SHALL BE PLACED 10 OR MORE FEET BELOW THE LINER.
7. CONTRACTOR SHALL STOCKPILE BOULDERS WITH GREATEST DIMENSIONS LARGER THAN 24 INCHES IN THE STOCKPILE LOCATION SHOWN ON SHEET C-301 OR AS APPROVED BY THE ENGINEER.
8. WHEN PLACING BOULDERS OR COBBLES DO NOT NEST THEM SUCH THAT VOIDS ARE CREATED. BOULDERS AND COBBLES SHALL BE SPREAD OUT UNIFORMLY SO SOIL FILLS AROUND THEM.
9. PLACEMENT OF OVERSEED MATERIALS (12 - 24 INCHES) TO COMPACT AROUND THE SIDES WITHOUT BEING IN CONTACT WITH NEARBY OVERSIZE MATERIAL THAT PRECLUDES UNIFORM COMPACTION.
10. CONCRETE BROKEN INTO PIECES 12 TO 24 INCHES SHALL BE TREATED THE SAME AS OVERSIZE MATERIAL.
11. CONCRETE SLABS CAN BE INCORPORATED INTO FILL WITHOUT PROCESSING IF THEY ARE PLACED ON A LEVEL SURFACE (E.G. NOT DUMPED), SUCH THAT THEY ARE FIRMLY SEATED AND BACKFILLED WITH SAND AND GRAVEL. CONCRETE SLABS SHALL NOT BE STACKED NESTED OR OTHERWISE PLACED SUCH THAT VOIDS ARE CREATED.
12. CONTRACTOR SHALL PROVIDE AN EXCAVATION PLAN WHICH INCLUDES BOTH THE REPOSITORY EXCAVATION AND BACKFILLING AND THE EXCAVATION OF IMPACTED SOILS.



HALEY & ALDRICH  
505 W. RIVERSIDE AVE, SUITE 205  
SPOKANE, WA 99201  
TEL: 509.363.7447  
WWW.HALEYALDRICH.COM

Project No.	202349-001
Scale	SHOWN
Date	10/17/2023
Drawn By	ZSM/CG
Designed By	BD
Checked By	KH
Approved By	JHK/KL
Stamp	



1	ISSUED FOR ECOLOGY	BD	05/16/23
0	ISSUED FOR BE	BD	10/16/23
Rev.	Description	By	Date

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE, #9656  
SPOKANE VALLEY,  
WASHINGTON

REPOSITORY  
SUBGRADE  
EXCAVATION PLAN

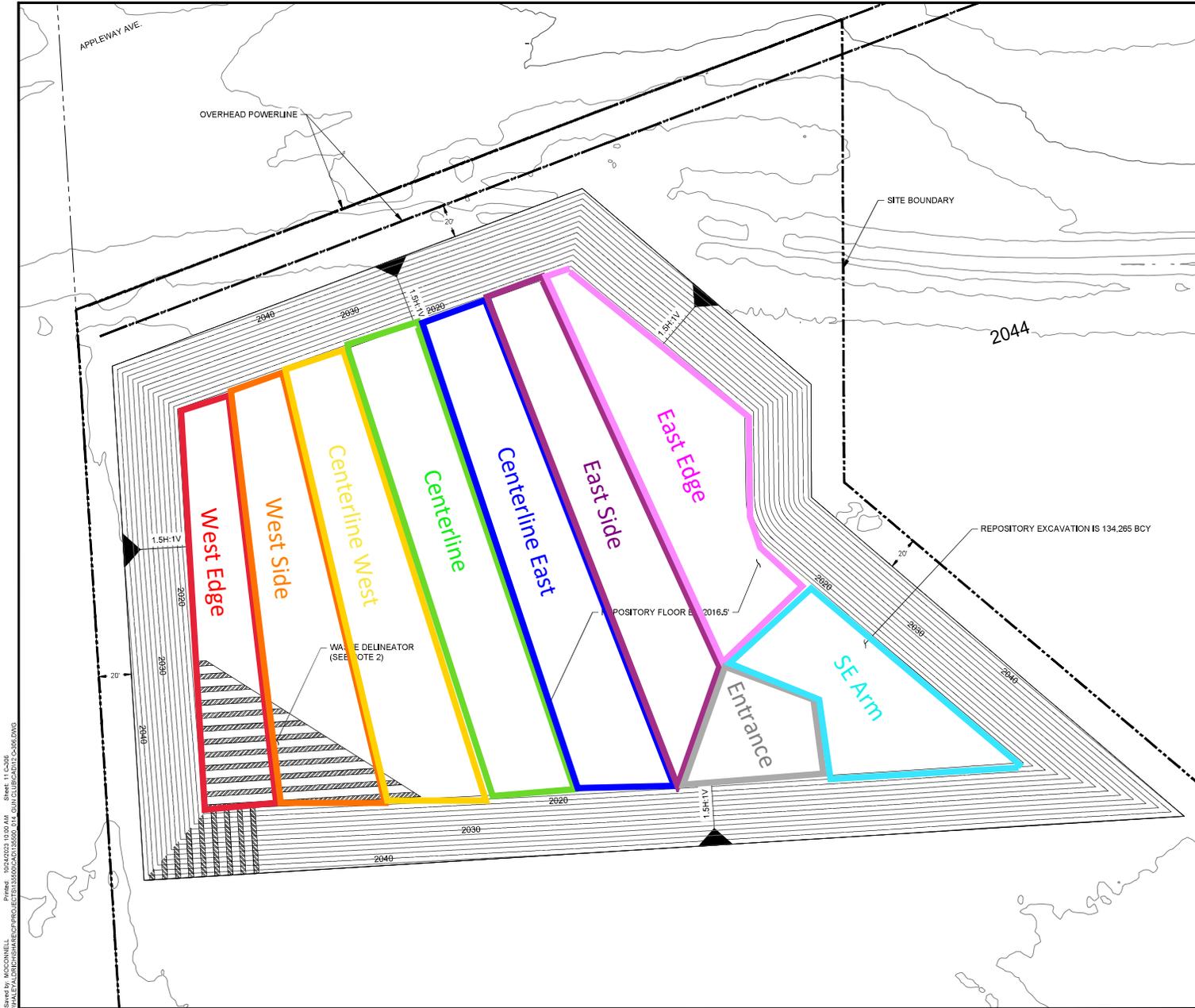
**C-306**

Sheet 11 of 21

**LWP**  
**27 February 2025**



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 Printed: 10/24/2023 10:50 AM  
 Sheet: 11 of 20  
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**NOTES**

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**LWP**  
**27 February 2025**

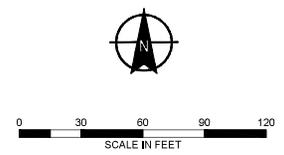
1	ISSUED FOR ECOLOGY	BD	05/16/23
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CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE, #9656  
SPOKANE VALLEY,  
WASHINGTON

REPOSITORY  
SUBGRADE  
EXCAVATION PLAN

**C-306**

Sheet 11 of 21



<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	69
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	28 February 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Sunny	<b>Temperature</b>	28-57°F

**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: Haley & Aldrich, Inc. (Haley & Aldrich) observed excavation of Units on both the north and south sides of the Site, which were sampled the same day. Soil from the north side of the Site was pushed into a nearby stockpile, while soil from the south side of the Site was taken directly to the repository as fill for Lift No. 21.
- b. Confirmation Sampling: A total of nine Units were sampled today (Units 38, 39, 48, 50, 29, 66, 79, 80, and 41). Each Unit was divided into four Quadrants and a discrete sample was collected from the approximate center of each Quadrant, resulting in four samples per Unit and a total of 36 samples overall. The Chain of Custody (COC) for these samples is attached.
- c. Backfill: Haley & Aldrich observed backfilling of Lift Nos. 21 and 23 in the repository. Halme brought in fill to the repository for Lift No. 21, depositing this soil in small stockpiles, and Lift No. 23, pushing this soil from an adjacent contaminated stockpile.

**II. DUST MONITORING:**

Dust Monitors (DMs) with telemetry capabilities were deployed in advance of excavation and backfill today and operated from 07:15 to 16:30. Samsara DM 47181 was positioned upwind of Site work and DM 49913 was positioned downwind of Site work. The relative humidity in the morning was approximately 97 percent and the wind was to the south-southwest.

Dust levels did not exceed the threshold of 2.5 milligrams per cubic meter (mg/m<sup>3</sup>) total particulates nor the threshold of 0.025 mg/m<sup>3</sup> PM<sub>10</sub> 120-minute rolling average at the downwind property boundary. Site observations indicated that dust was well-controlled. Dust monitoring data is attached.

**III. COMPACTION TESTING:**

No compaction tests were performed today.

**Discussions:**

<u>Name</u>	<u>Topic</u>
Halme; Haley & Aldrich	Haley & Aldrich spoke with Casey of Halme to request that repository Lifts be placed in a more linear fashion, as opposed to the patchwork placement carried out over the past few days. Halme agreed to not install any more Lifts above Lift No. 23 until all sections of the repository had reached this Lift and been fully compacted.

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	69
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	28 February 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	2 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Sunny	<b>Temperature</b>	28-57°F

---

<u>Field Representative(s)</u>	<u>Time on Site</u>	<u>Report/Travel/Other</u>	<u>Total</u>
Luke Peden	9.50 hours	1.00 hour	10.50 hours
Zackery Castillo da Silva	3.25 hours	0.00 hours	3.25 hours

**Distribution:**

CVSD; Attn: Jay Rowell  
OAC Services, Inc.; Attn: Jeff Jurgensen

**Attachments:**

Attachment A – Photo Log  
Attachment B – Dust Data  
Attachment C – Chain of Custody (COC)  
Attachment D – Confirmation Sampling Plan  
Attachment E – Repository Subgrade Excavation Plan



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Haley & Aldrich, Inc.

[https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/02 - February/02\\_28\\_25\\_LWP\\_DFR\\_69/02\\_28\\_25\\_LWP\\_DFR.docx](https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared%20Documents/0202349.Gun%20Club%20-%20Bid%20and%20Tech%20Support/-002%20Construction%20Support/Data/Field%20Data/DFR/2025/02%20-%20February/02_28_25_LWP_DFR_69/02_28_25_LWP_DFR.docx)



Photo 01. Pushing contaminated soil into repository (left) and into a small stockpile (right), facing north.



Photo 02. Repository Lift Nos. 21, 22, and 23, facing northeast.

**Site Photographs – 28 February 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA

**HALEY  
ALDRICH**

**Attachment A**



Photo 03. Excavation of Units 29, 38, 39, 48, and 50, facing east.



Photo 04. Excavation of Units 66, 79, and 80, facing east.

**Site Photographs –28 February 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA



**Attachment A**

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM 10 120 min Avg.
	(Eastern)	(Eastern)	(mg/m <sup>3</sup> )					
<b>Upwind</b>								
Modem 47181	2/28/2025 19:50	2/28/2025 20:00	0.006	0.006	0.006	0.008	0.008	0.006
Modem 47181	2/28/2025 19:40	2/28/2025 19:50	0.006	0.006	0.006	0.008	0.008	0.006
Modem 47181	2/28/2025 19:30	2/28/2025 19:40	0.006	0.006	0.006	0.008	0.008	0.006
Modem 47181	2/28/2025 19:20	2/28/2025 19:30	0.006	0.006	0.006	0.008	0.008	0.006
Modem 47181	2/28/2025 19:10	2/28/2025 19:20	0.006	0.006	0.006	0.008	0.008	0.005
Modem 47181	2/28/2025 19:00	2/28/2025 19:10	0.006	0.006	0.006	0.008	0.008	0.005
Modem 47181	2/28/2025 18:50	2/28/2025 19:00	0.004	0.004	0.004	0.005	0.005	0.006
Modem 47181	2/28/2025 18:40	2/28/2025 18:50	0.004	0.005	0.005	0.006	0.006	0.006
Modem 47181	2/28/2025 18:30	2/28/2025 18:40	0.004	0.004	0.004	0.005	0.005	0.005
Modem 47181	2/28/2025 18:20	2/28/2025 18:30	0.003	0.003	0.003	0.003	0.003	0.005
Modem 47181	2/28/2025 18:10	2/28/2025 18:20	0.003	0.003	0.003	0.004	0.004	0.006
Modem 47181	2/28/2025 18:00	2/28/2025 18:10	0.003	0.003	0.004	0.004	0.005	0.006
Modem 47181	2/28/2025 17:50	2/28/2025 18:00	0.004	0.004	0.004	0.004	0.004	0.006
Modem 47181	2/28/2025 17:40	2/28/2025 17:50	0.004	0.004	0.004	0.005	0.005	0.006
Modem 47181	2/28/2025 17:30	2/28/2025 17:40	0.004	0.004	0.004	0.005	0.005	0.006
Modem 47181	2/28/2025 17:20	2/28/2025 17:30	0.005	0.005	0.005	0.007	0.007	0.006
Modem 47181	2/28/2025 17:10	2/28/2025 17:20	0.005	0.005	0.005	0.006	0.006	0.006
Modem 47181	2/28/2025 17:00	2/28/2025 17:10	0.005	0.005	0.005	0.006	0.006	0.006
Modem 47181	2/28/2025 16:50	2/28/2025 17:00	0.006	0.007	0.008	0.011	0.012	0.006
Modem 47181	2/28/2025 16:40	2/28/2025 16:50	0.004	0.004	0.004	0.005	0.005	0.005
Modem 47181	2/28/2025 16:30	2/28/2025 16:40	0.004	0.004	0.004	0.004	0.004	0.005
Modem 47181	2/28/2025 16:20	2/28/2025 16:30	0.004	0.005	0.005	0.005	0.005	0.005
Modem 47181	2/28/2025 16:10	2/28/2025 16:20	0.005	0.005	0.005	0.006	0.006	0.005
Modem 47181	2/28/2025 16:00	2/28/2025 16:10	0.004	0.005	0.005	0.005	0.005	0.005
Modem 47181	2/28/2025 15:50	2/28/2025 16:00	0.004	0.004	0.004	0.004	0.004	0.005
Modem 47181	2/28/2025 15:40	2/28/2025 15:50	0.004	0.004	0.004	0.005	0.005	0.006
Modem 47181	2/28/2025 15:30	2/28/2025 15:40	0.004	0.004	0.004	0.005	0.005	0.006
Modem 47181	2/28/2025 15:20	2/28/2025 15:30	0.004	0.004	0.004	0.005	0.005	0.006
Modem 47181	2/28/2025 15:10	2/28/2025 15:20	0.005	0.005	0.005	0.006	0.006	0.006
Modem 47181	2/28/2025 15:00	2/28/2025 15:10	0.005	0.005	0.005	0.005	0.005	0.007
Modem 47181	2/28/2025 14:50	2/28/2025 15:00	0.004	0.004	0.004	0.005	0.005	0.007
Modem 47181	2/28/2025 14:40	2/28/2025 14:50	0.004	0.004	0.004	0.004	0.004	0.007
Modem 47181	2/28/2025 14:30	2/28/2025 14:40	0.005	0.005	0.006	0.006	0.006	0.008
Modem 47181	2/28/2025 14:20	2/28/2025 14:30	0.005	0.005	0.005	0.005	0.005	0.008
Modem 47181	2/28/2025 14:10	2/28/2025 14:20	0.006	0.006	0.006	0.006	0.006	0.008
Modem 47181	2/28/2025 14:00	2/28/2025 14:10	0.006	0.006	0.006	0.007	0.007	0.009
Modem 47181	2/28/2025 13:50	2/28/2025 14:00	0.006	0.007	0.007	0.008	0.008	0.009
Modem 47181	2/28/2025 13:40	2/28/2025 13:50	0.007	0.007	0.007	0.008	0.008	0.009
Modem 47181	2/28/2025 13:30	2/28/2025 13:40	0.007	0.007	0.007	0.008	0.008	0.009
Modem 47181	2/28/2025 13:20	2/28/2025 13:30	0.007	0.007	0.007	0.008	0.008	0.009
Modem 47181	2/28/2025 13:10	2/28/2025 13:20	0.007	0.007	0.007	0.007	0.007	0.010
Modem 47181	2/28/2025 13:00	2/28/2025 13:10	0.007	0.007	0.008	0.008	0.008	0.010
Modem 47181	2/28/2025 12:50	2/28/2025 13:00	0.008	0.009	0.009	0.010	0.010	0.011

HALEY & ALDRICH, INC.

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM 10 120 min Avg.
	(Eastern)	(Eastern)	(mg/m <sup>3</sup> )					
Modem 47181	2/28/2025 12:40	2/28/2025 12:50	0.008	0.008	0.009	0.009	0.009	0.011
Modem 47181	2/28/2025 12:30	2/28/2025 12:40	0.012	0.012	0.012	0.012	0.012	0.012
Modem 47181	2/28/2025 12:20	2/28/2025 12:30	0.008	0.008	0.008	0.009	0.010	0.011
Modem 47181	2/28/2025 12:10	2/28/2025 12:20	0.007	0.007	0.007	0.007	0.007	0.010
Modem 47181	2/28/2025 12:00	2/28/2025 12:10	0.008	0.008	0.008	0.009	0.009	0.010
Modem 47181	2/28/2025 11:50	2/28/2025 12:00	0.008	0.009	0.009	0.009	0.009	
Modem 47181	2/28/2025 11:40	2/28/2025 11:50	0.009	0.009	0.009	0.010	0.010	
Modem 47181	2/28/2025 11:30	2/28/2025 11:40	0.010	0.010	0.011	0.011	0.011	
Modem 47181	2/28/2025 11:20	2/28/2025 11:30	0.011	0.011	0.012	0.012	0.012	
Modem 47181	2/28/2025 11:10	2/28/2025 11:20	0.011	0.012	0.012	0.012	0.013	
Modem 47181	2/28/2025 11:00	2/28/2025 11:10	0.012	0.012	0.012	0.013	0.013	
Modem 47181	2/28/2025 10:50	2/28/2025 11:00	0.012	0.012	0.012	0.013	0.014	
Modem 47181	2/28/2025 10:40	2/28/2025 10:50	0.014	0.014	0.015	0.015	0.015	
Modem 47181	2/28/2025 10:30	2/28/2025 10:40	0.015	0.016	0.016	0.017	0.017	
Modem 47181	2/28/2025 10:20	2/28/2025 10:30	0.001	0.001	0.001	0.001	0.001	
Modem 47181	2/28/2025 10:10	2/28/2025 10:20	0.001	0.001	0.001	0.001	0.001	
Modem 47181	2/28/2025 10:00	2/28/2025 10:10	0.001	0.001	0.001	0.001	0.001	
<b>Downwind</b>								
Modem 49913	2/28/2025 19:50	2/28/2025 20:00	0.003	0.004	0.006	0.010	0.010	0.006
Modem 49913	2/28/2025 19:40	2/28/2025 19:50	0.003	0.004	0.006	0.010	0.010	0.005
Modem 49913	2/28/2025 19:30	2/28/2025 19:40	0.003	0.004	0.006	0.010	0.010	0.004
Modem 49913	2/28/2025 19:20	2/28/2025 19:30	0.003	0.004	0.006	0.010	0.010	0.003
Modem 49913	2/28/2025 19:10	2/28/2025 19:20	0.003	0.004	0.006	0.010	0.010	0.003
Modem 49913	2/28/2025 19:00	2/28/2025 19:10	0.001	0.001	0.001	0.003	0.003	0.002
Modem 49913	2/28/2025 18:50	2/28/2025 19:00	0.000	0.000	0.000	0.000	0.000	0.002
Modem 49913	2/28/2025 18:40	2/28/2025 18:50	0.003	0.004	0.006	0.012	0.012	0.002
Modem 49913	2/28/2025 18:30	2/28/2025 18:40	0.001	0.001	0.002	0.004	0.004	0.001
Modem 49913	2/28/2025 18:20	2/28/2025 18:30	0.000	0.000	0.000	0.002	0.002	0.001
Modem 49913	2/28/2025 18:10	2/28/2025 18:20	0.000	0.000	0.000	0.001	0.001	0.001
Modem 49913	2/28/2025 18:00	2/28/2025 18:10	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	2/28/2025 17:50	2/28/2025 18:00	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	2/28/2025 17:40	2/28/2025 17:50	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	2/28/2025 17:30	2/28/2025 17:40	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	2/28/2025 17:20	2/28/2025 17:30	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	2/28/2025 17:10	2/28/2025 17:20	0.000	0.000	0.001	0.002	0.002	0.001
Modem 49913	2/28/2025 17:00	2/28/2025 17:10	0.000	0.001	0.001	0.002	0.002	0.001
Modem 49913	2/28/2025 16:50	2/28/2025 17:00	0.000	0.000	0.000	0.001	0.001	0.001
Modem 49913	2/28/2025 16:40	2/28/2025 16:50	0.001	0.001	0.002	0.004	0.004	0.001
Modem 49913	2/28/2025 16:30	2/28/2025 16:40	0.000	0.000	0.001	0.001	0.001	0.001
Modem 49913	2/28/2025 16:20	2/28/2025 16:30	0.000	0.001	0.001	0.001	0.001	0.001
Modem 49913	2/28/2025 16:10	2/28/2025 16:20	0.000	0.000	0.000	0.001	0.001	0.001
Modem 49913	2/28/2025 16:00	2/28/2025 16:10	0.000	0.000	0.000	0.001	0.001	0.002
Modem 49913	2/28/2025 15:50	2/28/2025 16:00	0.001	0.001	0.001	0.002	0.002	0.002
Modem 49913	2/28/2025 15:40	2/28/2025 15:50	0.000	0.000	0.000	0.001	0.001	0.002

HALEY & ALDRICH, INC.

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM 10 120 min Avg.
	(Eastern)	(Eastern)	(mg/m <sup>3</sup> )					
Modem 49913	2/28/2025 15:30	2/28/2025 15:40	0.000	0.000	0.000	0.000	0.000	0.002
Modem 49913	2/28/2025 15:20	2/28/2025 15:30	0.002	0.002	0.002	0.002	0.002	0.003
Modem 49913	2/28/2025 15:10	2/28/2025 15:20	0.000	0.001	0.001	0.001	0.001	0.003
Modem 49913	2/28/2025 15:00	2/28/2025 15:10	0.000	0.000	0.001	0.001	0.001	0.004
Modem 49913	2/28/2025 14:50	2/28/2025 15:00	0.001	0.001	0.001	0.001	0.001	0.004
Modem 49913	2/28/2025 14:40	2/28/2025 14:50	0.003	0.003	0.003	0.003	0.003	0.005
Modem 49913	2/28/2025 14:30	2/28/2025 14:40	0.001	0.001	0.001	0.001	0.001	0.005
Modem 49913	2/28/2025 14:20	2/28/2025 14:30	0.002	0.002	0.002	0.003	0.003	0.006
Modem 49913	2/28/2025 14:10	2/28/2025 14:20	0.002	0.002	0.002	0.002	0.002	0.006
Modem 49913	2/28/2025 14:00	2/28/2025 14:10	0.003	0.003	0.003	0.004	0.004	0.006
Modem 49913	2/28/2025 13:50	2/28/2025 14:00	0.004	0.004	0.004	0.005	0.005	0.007
Modem 49913	2/28/2025 13:40	2/28/2025 13:50	0.004	0.004	0.004	0.004	0.004	0.007
Modem 49913	2/28/2025 13:30	2/28/2025 13:40	0.003	0.003	0.004	0.004	0.004	0.007
Modem 49913	2/28/2025 13:20	2/28/2025 13:30	0.004	0.004	0.004	0.005	0.005	0.008
Modem 49913	2/28/2025 13:10	2/28/2025 13:20	0.005	0.005	0.005	0.006	0.006	0.009
Modem 49913	2/28/2025 13:00	2/28/2025 13:10	0.007	0.007	0.007	0.008	0.008	0.009
Modem 49913	2/28/2025 12:50	2/28/2025 13:00	0.006	0.006	0.006	0.007	0.007	0.010
Modem 49913	2/28/2025 12:40	2/28/2025 12:50	0.010	0.010	0.010	0.011	0.011	0.010
Modem 49913	2/28/2025 12:30	2/28/2025 12:40	0.006	0.006	0.007	0.007	0.007	0.011
Modem 49913	2/28/2025 12:20	2/28/2025 12:30	0.005	0.005	0.005	0.006	0.006	0.011
Modem 49913	2/28/2025 12:10	2/28/2025 12:20	0.006	0.006	0.006	0.006	0.006	0.014
Modem 49913	2/28/2025 12:00	2/28/2025 12:10	0.006	0.007	0.007	0.007	0.007	0.014
Modem 49913	2/28/2025 11:50	2/28/2025 12:00	0.008	0.008	0.008	0.009	0.009	
Modem 49913	2/28/2025 11:40	2/28/2025 11:50	0.008	0.009	0.009	0.009	0.009	
Modem 49913	2/28/2025 11:30	2/28/2025 11:40	0.010	0.010	0.010	0.010	0.010	
Modem 49913	2/28/2025 11:20	2/28/2025 11:30	0.016	0.017	0.017	0.017	0.017	
Modem 49913	2/28/2025 11:10	2/28/2025 11:20	0.012	0.013	0.013	0.013	0.013	
Modem 49913	2/28/2025 11:00	2/28/2025 11:10	0.013	0.013	0.013	0.013	0.013	
Modem 49913	2/28/2025 10:50	2/28/2025 11:00	0.012	0.012	0.012	0.012	0.012	
Modem 49913	2/28/2025 10:40	2/28/2025 10:50	0.013	0.014	0.014	0.014	0.014	
Modem 49913	2/28/2025 10:30	2/28/2025 10:40	0.015	0.016	0.016	0.016	0.016	
Modem 49913	2/28/2025 10:20	2/28/2025 10:30	0.016	0.016	0.017	0.017	0.017	
Modem 49913	2/28/2025 10:10	2/28/2025 10:20	0.021	0.021	0.023	0.032	0.036	
Modem 49913	2/28/2025 10:00	2/28/2025 10:10	0.001	0.001	0.001	0.005	0.006	









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  
PROJECT NAME CVSD Gun Club  
H&A CONTACT Breelyn Green

LABORATORY Excelsior Spokane  
ADDRESS \_\_\_\_\_  
CONTACT Randee Arrington

DELIVERY DATE 2/28/25  
TURNAROUND TIME 10-Day  
PROJECT MANAGER Breelyn Green

Page 4 of 4

Sample No.	Date	Time	Depth	Type	Analysis Requested										Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)		
					CPAHS Per Spec 1.2	Pb EPA	Lead											
CP-80-3.25-3	2/28/25	14:35	3.25	Soil													1	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 Standard TAT
CP-80-3.25-4		14:40	3.25													1		
C-41-3.5-1		1345			X											1		
C-41-3.5-2		1350			X											1		
C-41-3.5-3		1355														1		
C-41-3.5-4		1400														1		

**Sampled and Relinquished by**

Sign [Signature]  
Print Erick Costello de S...  
Firm HA  
Date 2/28/25 Time 1500

**Received by**

Sign [Signature]  
Print Maackly Marie  
Firm EECS  
Date 2/28/25 Time 1500

LIQUID		VOA Vial	Amber Glass	Plastic Bottle	Preservative	Volume
SOLID		VOA Vial	Amber Glass	Clear Glass	Preservative	Volume

4.4 H. 8 cor 1R004

Sampling Comments

Evidence samples were tampered with? YES NO

If YES, please explain in section below.

**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.

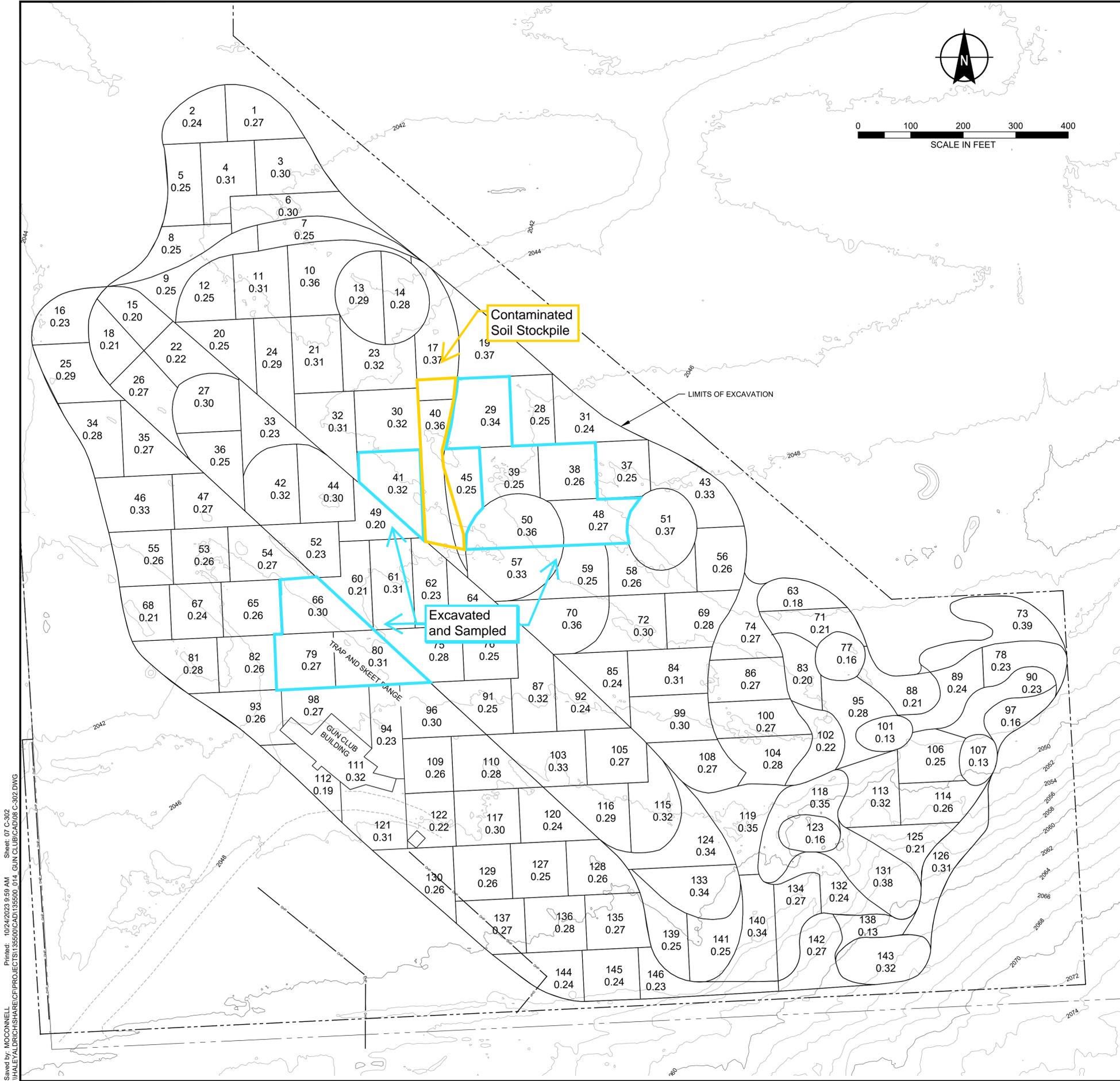
Matrix Spike (MS) samples for MCP Metals and/or Cyanide are included and identified herein.

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



**NOTES**

1. CONTRACTOR IS RESPONSIBLE FOR SURVEYING AND DELINEATING THE LIMITS OF THE SAMPLE UNITS SHOWN, AS NECESSARY TO COMPLETE THE WORK.
2. CONTRACTOR SHALL NOT BACKFILL WITHIN THE LIMITS OF ANY INDIVIDUAL SAMPLING UNTIL RECEIVING APPROVAL BY THE ENGINEER.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR CONFIRMATION SAMPLING AT LEAST 2 WORKING DAYS IN ADVANCE FOR EACH SAMPLING UNIT.
4. ALLOW UP TO 5 DAYS FOR THE ENGINEER TO COLLECT CONFIRMATION SAMPLES FOLLOWING IMPACTED SOIL EXCAVATION AND 10 TO 15 DAYS FOR ANALYTICAL RESULTS. CONFIRMATION SAMPLING RESULTS ARE EXPECTED TO TAKE BETWEEN 10 AND 15 DAYS, POSSIBLY LONGER. THE EXACT NUMBER OF DAYS REQUIRED WILL NOT BE KNOWN UNTIL THE FIRST SAMPLES ARE PROCESSED AND COULD VARY BETWEEN SAMPLING UNITS DEPENDING ON SHIPPING AND MOISTURE CONTENT. THE CONTRACTOR SHALL PLAN THE WORK ACCORDINGLY.
5. ONCE A SAMPLING UNIT IS DESIGNATED FOR CONFIRMATION SAMPLING IMPACTED SOILS SHALL NO LONGER BE TRANSPORTED THROUGH THAT SAMPLING UNIT.
6. CLEAN BACKFILL FROM THE REPOSITORY CAN BE STOCKPILED ADJACENT TO SAMPLING UNITS OUTSIDE THE LIMITS OF EXCAVATION IN LOCATIONS APPROVED BY THE ENGINEER.

**LEGEND**

- 73 SAMPLE UNIT ID
- 0.39 AREA (ACRES)

UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)
1	0.27	59	0.25	117	0.30
2	0.24	60	0.21	118	0.35
3	0.30	61	0.31	119	0.35
4	0.31	62	0.23	120	0.24
5	0.25	63	0.18	121	0.31
6	0.30	64	0.20	122	0.22
7	0.25	65	0.26	123	0.16
8	0.25	66	0.30	124	0.34
9	0.25	67	0.24	125	0.21
10	0.36	68	0.21	126	0.31
11	0.31	69	0.28	127	0.25
12	0.25	70	0.36	128	0.26
13	0.29	71	0.21	129	0.26
14	0.28	72	0.30	130	0.26
15	0.20	73	0.39	131	0.38
16	0.23	74	0.27	132	0.24
17	0.37	75	0.28	133	0.34
18	0.21	76	0.25	134	0.27
19	0.37	77	0.16	135	0.27
20	0.25	78	0.23	136	0.28
21	0.31	79	0.27	137	0.27
22	0.22	80	0.31	138	0.13
23	0.32	81	0.28	139	0.25
24	0.29	82	0.26	140	0.34
25	0.29	83	0.20	141	0.25
26	0.27	84	0.31	142	0.27
27	0.30	85	0.24	143	0.32
28	0.25	86	0.27	144	0.24
29	0.34	87	0.32	145	0.24
30	0.32	88	0.21	146	0.23
31	0.24	89	0.24	TOTAL	39.42
32	0.31	90	0.23		
33	0.23	91	0.25		
34	0.28	92	0.24		
35	0.27	93	0.26		
36	0.25	94	0.23		
37	0.25	95	0.28		
38	0.26	96	0.30		
39	0.25	97	0.16		
40	0.36	98	0.27		
41	0.32	99	0.30		
42	0.32	100	0.27		
43	0.33	101	0.13		
44	0.30	102	0.22		
45	0.25	103	0.33		
46	0.33	104	0.28		
47	0.27	105	0.27		
48	0.27	106	0.25		
49	0.20	107	0.13		
50	0.36	108	0.27		
51	0.37	109	0.26		
52	0.23	110	0.28		
53	0.26	111	0.32		
54	0.27	112	0.19		
55	0.26	113	0.32		
56	0.26	114	0.26		
57	0.33	115	0.32		
58	0.26	116	0.29		

LWP  
February 28 2025



HALEY & ALDRICH  
505 W. RIVERSIDE AVE. SUITE 205  
SPOKANE, WA 99201  
TEL: 509.960.7447  
WWW.HALEYALDRICH.COM

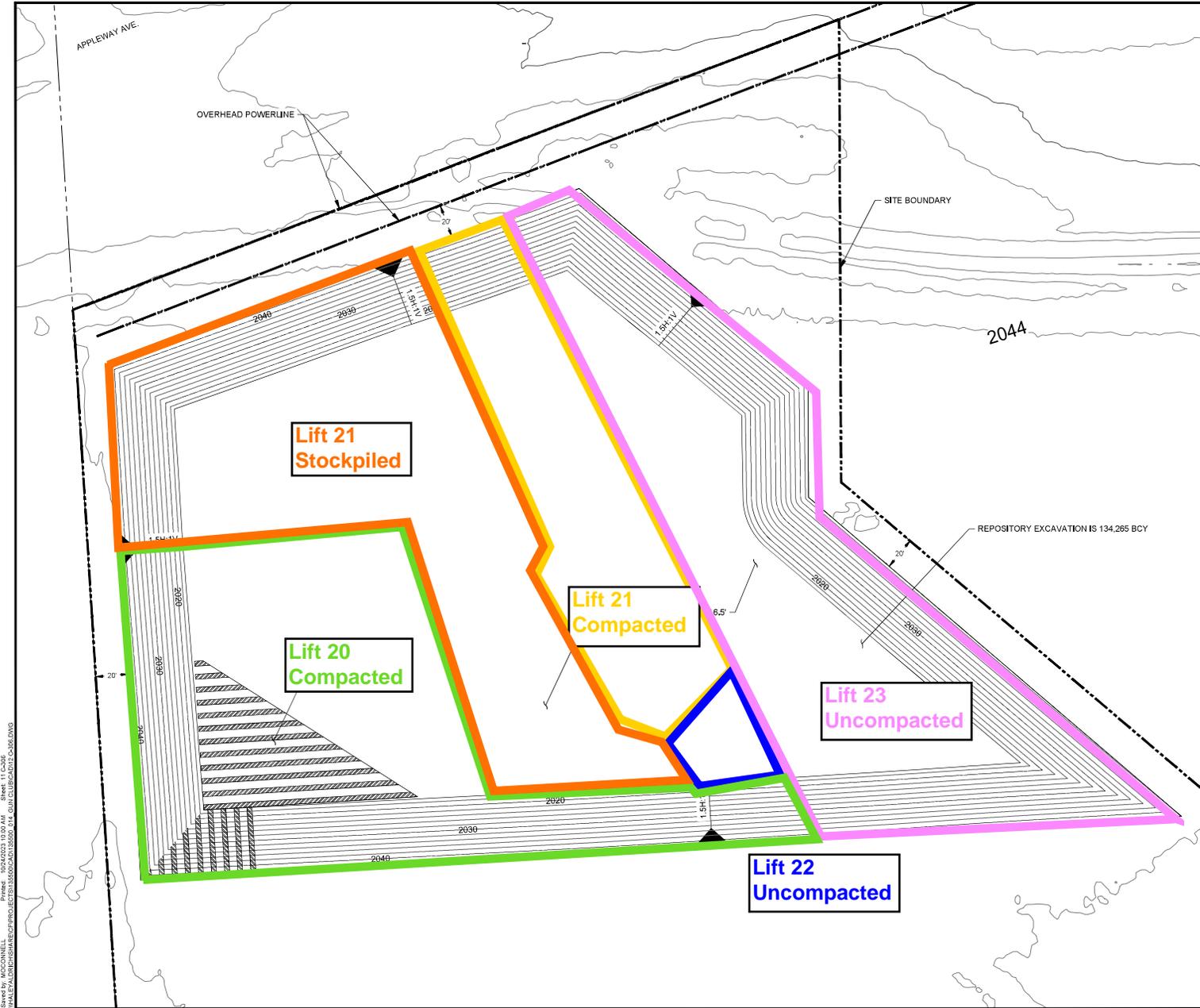
Project No.: 202349-001  
Scale: SHOWN  
Date: 10/17/2023  
Drawn By: ZS/MO  
Designed By: BD  
Checked By: KH  
Approved By: JH/KH  
Stamp:

1	ISSUED FOR ECOLOGY	BD	05/18/23
0	ISSUED FOR BID	BD	10/18/23
Rev.	Description	By	Date

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE. #9656  
SPOKANE VALLEY,  
WASHINGTON

**CONFIRMATION  
SAMPLING PLAN**

**C-302**



**NOTES**

- PRIOR TO EXCAVATION TOPSOIL SHALL BE STRIPPED AND STOCKPILED.
- A VISUAL REFERENCE FOR THE DELINEATION BETWEEN NATIVE SOIL AND MATERIAL PLACED IN THE REPOSITORY IS REQUIRED. REFERRED TO HEREIN AS A WASTE DELINEATOR.
- ORANGE SILT FENCE IN ROLLS 5 FEET WIDE (OR AND APPROVED EQUAL) IS REQUIRED TO BE PLACED 8 FEET O.C. WITH A SPACING BETWEEN THE FABRIC OF 5 FEET IN THE BOTTOM AND ALONG THE CUT SLOPES OF THE REPOSITORY AS A WASTE DELINEATOR.
- THE ORIENTATION OF THE WASTE DELINEATOR CAN VARY ACROSS THE BOTTOM OF THE REPOSITORY EXCAVATION AS APPROVED BY THE ENGINEER.
- IMPACTED SOILS SHALL BE PLACED IN THE REPOSITORY IN HORIZONTAL LIFTS NOT TO EXCEED 1.5 FEET IN TOTAL THICKNESS AND COMPACTED TO AT LEAST 90% PER MODIFIED PROCTOR ASTM D 1557/ANSI TO T 180.
- CONCRETE AND OTHER DEMOLITION DEBRIS APPROVED BY THE ENGINEER SHALL BE PLACED 10 OR MORE FEET BELOW THE LINER.
- CONTRACTOR SHALL STOCKPILE BOULDERS WITH GREATEST DIMENSIONS LARGER THAN 24 INCHES IN THE STOCKPILE LOCATION SHOWN ON SHEET C-301 OR AS APPROVED BY THE ENGINEER.
- WHEN PLACING BOULDERS OR COBBLES DO NOT NEST THEM SUCH THAT VOIDS ARE CREATED. BOULDERS AND COBBLES SHALL BE SPREAD OUT UNIFORMLY SO SOIL FILLS AROUND THEM.
- PLACEMENT OF OVERSEED MATERIALS (12 - 24 INCHES SHALL ALLOW COMPACTION EQUIPMENT TO COMPACT AROUND THE SIDES WITHOUT BEING IN CONTACT WITH NEARBY OVERSIZE MATERIAL THAT PRECLUDES UNIFORM COMPACTION.
- CONCRETE BROKEN INTO PIECES 12 TO 24 INCHES SHALL BE TREATED THE SAME AS OVERSIZE MATERIAL.
- CONCRETE SLABS CAN BE INCORPORATED INTO FILL WITHOUT PROCESSING IF THEY ARE PLACED ON A LEVEL SURFACE (E.G. NOT DUMPED), SUCH THAT THEY ARE FIRMLY SEATED AND BACKFILLED WITH SAND AND GRAVEL. CONCRETE SLABS SHALL NOT BE STACKED NESTED OR OTHERWISE PLACED SUCH THAT VOIDS ARE CREATED.
- CONTRACTOR SHALL PROVIDE AN EXCAVATION PLAN WHICH INCLUDES BOTH THE REPOSITORY EXCAVATION AND BACKFILLING AND THE EXCAVATION OF IMPACTED SOILS.



HALEY & ALDRICH  
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SPOKANE, WA 99201  
TEL: 509-363-7447  
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Project No.	202349-001
Scale	SHOWN
Date	10/17/2023
Drawn By	ZSM/CG
Designed By	BD
Checked By	KH
Approved By	JHK/KC
Stamp	



1	ISSUED FOR ECOLOGY	BD	05/16/23
0	ISSUED FOR BE	BD	10/16/23
Rev.	Description	By	Date

**LWP**  
**28 February 2025**



CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE, #9656  
SPOKANE VALLEY,  
WASHINGTON

REPOSITORY  
SUBGRADE  
EXCAVATION PLAN

**C-306**

Sheet 11 of 21

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	70
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	3 March 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Partly Cloudy	<b>Temperature</b>	40-50°F

---

**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: Haley & Aldrich, Inc. (Haley & Aldrich) observed further excavation of Units on both the east and west sides of the Site. Most of the Units on the west side of the Site were sampled the same day, while the Units on the east side of the Site were only partially excavated and therefore not ready to sample. Soil from both sides of the Site was taken directly to the repository as fill for Lift No. 21.
- b. Confirmation Sampling: A total of thirteen Units were sampled today (Units 93, 98, 96, 121, 94, 111, 112, 109, 110, 120, 128, 130, and 137), with most Units being divided into four Quadrants. However, Units 94 and 112 were only divided into two Quadrants to better accommodate their unusual geometry. A discrete sample was collected from the approximate center of each Quadrant, resulting in two or four samples per Unit and a total of 48 samples overall. The Chain of Custody (COC) for these samples is attached.
- c. Backfill: Haley & Aldrich observed backfilling of Lift Nos. 21 and 22 in the repository. Halme brought in fill to the repository for Lift No. 21, depositing this soil in small stockpiles, and Lift No. 22, pushing this soil from an adjacent contaminated stockpile.

**II. DUST MONITORING:**

Dust Monitors (DMs) with telemetry capabilities were deployed in advance of excavation and backfill today and operated from 07:15 to 15:30. Samsara DM 47181 was positioned upwind of Site work and DM 49913 was positioned downwind of Site work. The relative humidity in the morning was approximately 90 percent and the wind was to the north-northeast.

Dust levels did not exceed the threshold of 2.5 milligrams per cubic meter (mg/m<sup>3</sup>) total particulates nor the threshold of 0.025 mg/m<sup>3</sup> PM<sub>10</sub> 120-minute rolling average at the downwind property boundary. Site observations indicated that dust was well-controlled. Dust monitoring data is attached.

**III. COMPACTION TESTING:**

No compaction tests were performed today.

**DAILY FIELD REPORT**

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<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	70
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	3 March 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	2 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Partly Cloudy	<b>Temperature</b>	40-50°F

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<b><u>Field Representative(s)</u></b>	<b><u>Time on Site</u></b>	<b><u>Report/Travel/Other</u></b>	<b><u>Total</u></b>
Luke Peden	8.5 hours	2 hours	10.5 hours

**Distribution:**

CVSD; Attn: Jay Rowell  
OAC Services, Inc.; Attn: Jeff Jurgensen

**Attachments:**

Attachment A – Photo Log  
Attachment B – Dust Data  
Attachment C – Chain of Custody (COC)  
Attachment D – Confirmation Sampling Plan  
Attachment E – Repository Subgrade Excavation Plan



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Haley & Aldrich, Inc.

[https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/03 - March/03\\_03\\_25\\_LWP\\_DFR\\_70/03\\_03\\_25\\_LWP\\_DFR.docx](https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/03 - March/03_03_25_LWP_DFR_70/03_03_25_LWP_DFR.docx)



Photo 01. Stormwater runoff and sediment on tennis courts and small trench dug on north of Site to prevent additional stormwater runoff, facing northeast.



Photo 02. Excavation of Units on east side of Site, facing southwest.

**Site Photographs – 03 March 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA

**HALEY  
ALDRICH**

**Attachment A**



Photo 03. Fill being brought into the repository via haul trucks and scrapers, facing south.



Photo 04. Passageway dug through clean soil stockpile at entrance to Site, facing northeast.

**Site Photographs – 03 March 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA

**HALEY  
ALDRICH**

**Attachment A**

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM 10 120 min Avg.
	(Eastern)	(Eastern)	(mg/m <sup>3</sup> )					
<b>Upwind</b>								
Modem 47181	3/3/2025 18:50	3/3/2025 19:00	0.005	0.005	0.006	0.006	0.006	0.005
Modem 47181	3/3/2025 18:40	3/3/2025 18:50	0.005	0.005	0.006	0.006	0.006	0.005
Modem 47181	3/3/2025 18:30	3/3/2025 18:40	0.005	0.005	0.006	0.006	0.006	0.005
Modem 47181	3/3/2025 18:20	3/3/2025 18:30	0.005	0.005	0.006	0.006	0.006	0.005
Modem 47181	3/3/2025 18:10	3/3/2025 18:20	0.005	0.005	0.006	0.006	0.006	0.005
Modem 47181	3/3/2025 18:00	3/3/2025 18:10	0.005	0.005	0.005	0.006	0.006	0.005
Modem 47181	3/3/2025 17:50	3/3/2025 18:00	0.005	0.005	0.005	0.005	0.005	0.005
Modem 47181	3/3/2025 17:40	3/3/2025 17:50	0.004	0.005	0.005	0.005	0.005	0.005
Modem 47181	3/3/2025 17:30	3/3/2025 17:40	0.004	0.004	0.005	0.005	0.005	0.005
Modem 47181	3/3/2025 17:20	3/3/2025 17:30	0.004	0.004	0.005	0.005	0.005	0.005
Modem 47181	3/3/2025 17:10	3/3/2025 17:20	0.005	0.005	0.005	0.005	0.005	0.005
Modem 47181	3/3/2025 17:00	3/3/2025 17:10	0.004	0.004	0.004	0.004	0.004	0.005
Modem 47181	3/3/2025 16:50	3/3/2025 17:00	0.003	0.003	0.003	0.003	0.003	0.005
Modem 47181	3/3/2025 16:40	3/3/2025 16:50	0.004	0.004	0.004	0.004	0.004	0.005
Modem 47181	3/3/2025 16:30	3/3/2025 16:40	0.004	0.004	0.004	0.004	0.004	0.005
Modem 47181	3/3/2025 16:20	3/3/2025 16:30	0.004	0.004	0.004	0.004	0.004	0.006
Modem 47181	3/3/2025 16:10	3/3/2025 16:20	0.004	0.004	0.004	0.004	0.004	0.006
Modem 47181	3/3/2025 16:00	3/3/2025 16:10	0.006	0.006	0.006	0.009	0.009	0.006
Modem 47181	3/3/2025 15:50	3/3/2025 16:00	0.004	0.004	0.004	0.004	0.004	0.007
Modem 47181	3/3/2025 15:40	3/3/2025 15:50	0.004	0.004	0.004	0.004	0.004	0.007
Modem 47181	3/3/2025 15:30	3/3/2025 15:40	0.005	0.005	0.005	0.006	0.006	0.008
Modem 47181	3/3/2025 15:20	3/3/2025 15:30	0.005	0.005	0.005	0.005	0.005	0.008
Modem 47181	3/3/2025 15:10	3/3/2025 15:20	0.005	0.005	0.005	0.005	0.005	0.009
Modem 47181	3/3/2025 15:00	3/3/2025 15:10	0.005	0.005	0.005	0.006	0.006	0.009
Modem 47181	3/3/2025 14:50	3/3/2025 15:00	0.005	0.005	0.005	0.005	0.005	0.009
Modem 47181	3/3/2025 14:40	3/3/2025 14:50	0.006	0.006	0.006	0.006	0.006	0.009
Modem 47181	3/3/2025 14:30	3/3/2025 14:40	0.007	0.007	0.007	0.007	0.007	0.008
Modem 47181	3/3/2025 14:20	3/3/2025 14:30	0.008	0.008	0.008	0.009	0.009	0.008
Modem 47181	3/3/2025 14:10	3/3/2025 14:20	0.008	0.008	0.008	0.008	0.008	0.008
Modem 47181	3/3/2025 14:00	3/3/2025 14:10	0.008	0.008	0.008	0.009	0.009	0.008
Modem 47181	3/3/2025 13:50	3/3/2025 14:00	0.010	0.011	0.011	0.011	0.012	0.007
Modem 47181	3/3/2025 13:40	3/3/2025 13:50	0.011	0.011	0.011	0.012	0.012	0.007
Modem 47181	3/3/2025 13:30	3/3/2025 13:40	0.010	0.010	0.010	0.010	0.011	0.006
Modem 47181	3/3/2025 13:20	3/3/2025 13:30	0.013	0.013	0.013	0.014	0.014	0.006
Modem 47181	3/3/2025 13:10	3/3/2025 13:20	0.008	0.008	0.008	0.008	0.008	0.005
Modem 47181	3/3/2025 13:00	3/3/2025 13:10	0.008	0.008	0.008	0.008	0.008	0.005
Modem 47181	3/3/2025 12:50	3/3/2025 13:00	0.004	0.004	0.004	0.004	0.004	0.005
Modem 47181	3/3/2025 12:40	3/3/2025 12:50	0.004	0.004	0.004	0.004	0.004	0.005
Modem 47181	3/3/2025 12:30	3/3/2025 12:40	0.003	0.003	0.003	0.004	0.004	0.006
Modem 47181	3/3/2025 12:20	3/3/2025 12:30	0.004	0.004	0.004	0.004	0.004	0.006
Modem 47181	3/3/2025 12:10	3/3/2025 12:20	0.004	0.004	0.004	0.004	0.004	0.007
Modem 47181	3/3/2025 12:00	3/3/2025 12:10	0.005	0.005	0.005	0.005	0.005	0.007
Modem 47181	3/3/2025 11:50	3/3/2025 12:00	0.005	0.005	0.005	0.005	0.005	
Modem 47181	3/3/2025 11:40	3/3/2025 11:50	0.003	0.003	0.004	0.004	0.004	
Modem 47181	3/3/2025 11:30	3/3/2025 11:40	0.004	0.004	0.004	0.004	0.004	
Modem 47181	3/3/2025 11:20	3/3/2025 11:30	0.004	0.004	0.004	0.004	0.004	

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM 10 120 min Avg.
	(Eastern)	(Eastern)	(mg/m <sup>3</sup> )					
Modem 47181	3/3/2025 11:10	3/3/2025 11:20	0.006	0.006	0.006	0.006	0.006	
Modem 47181	3/3/2025 11:00	3/3/2025 11:10	0.006	0.006	0.006	0.006	0.006	
Modem 47181	3/3/2025 10:50	3/3/2025 11:00	0.009	0.009	0.009	0.009	0.009	
Modem 47181	3/3/2025 10:40	3/3/2025 10:50	0.011	0.011	0.011	0.012	0.012	
Modem 47181	3/3/2025 10:30	3/3/2025 10:40	0.012	0.012	0.012	0.012	0.012	
Modem 47181	3/3/2025 10:20	3/3/2025 10:30	0.006	0.006	0.006	0.008	0.008	
Modem 47181	3/3/2025 10:10	3/3/2025 10:20	0.006	0.006	0.006	0.008	0.008	
Modem 47181	3/3/2025 10:00	3/3/2025 10:10	0.006	0.006	0.006	0.008	0.008	
<b>Downwind</b>								
Modem 49913	3/3/2025 18:50	3/3/2025 19:00	0.004	0.005	0.006	0.008	0.008	0.005
Modem 49913	3/3/2025 18:40	3/3/2025 18:50	0.004	0.005	0.006	0.008	0.008	0.005
Modem 49913	3/3/2025 18:30	3/3/2025 18:40	0.004	0.005	0.006	0.008	0.008	0.004
Modem 49913	3/3/2025 18:20	3/3/2025 18:30	0.004	0.005	0.006	0.008	0.008	0.004
Modem 49913	3/3/2025 18:10	3/3/2025 18:20	0.004	0.005	0.006	0.008	0.008	0.003
Modem 49913	3/3/2025 18:00	3/3/2025 18:10	0.004	0.005	0.006	0.008	0.008	0.003
Modem 49913	3/3/2025 17:50	3/3/2025 18:00	0.003	0.004	0.004	0.004	0.004	0.003
Modem 49913	3/3/2025 17:40	3/3/2025 17:50	0.002	0.002	0.002	0.003	0.003	0.002
Modem 49913	3/3/2025 17:30	3/3/2025 17:40	0.002	0.002	0.002	0.003	0.003	0.002
Modem 49913	3/3/2025 17:20	3/3/2025 17:30	0.002	0.002	0.002	0.002	0.002	0.002
Modem 49913	3/3/2025 17:10	3/3/2025 17:20	0.002	0.002	0.003	0.003	0.003	0.003
Modem 49913	3/3/2025 17:00	3/3/2025 17:10	0.002	0.002	0.002	0.002	0.002	0.003
Modem 49913	3/3/2025 16:50	3/3/2025 17:00	0.002	0.002	0.002	0.002	0.002	0.003
Modem 49913	3/3/2025 16:40	3/3/2025 16:50	0.002	0.002	0.002	0.002	0.002	0.003
Modem 49913	3/3/2025 16:30	3/3/2025 16:40	0.002	0.002	0.002	0.002	0.002	0.003
Modem 49913	3/3/2025 16:20	3/3/2025 16:30	0.002	0.002	0.002	0.002	0.002	0.004
Modem 49913	3/3/2025 16:10	3/3/2025 16:20	0.002	0.003	0.003	0.004	0.004	0.005
Modem 49913	3/3/2025 16:00	3/3/2025 16:10	0.002	0.002	0.002	0.002	0.002	0.005
Modem 49913	3/3/2025 15:50	3/3/2025 16:00	0.002	0.002	0.002	0.002	0.002	0.006
Modem 49913	3/3/2025 15:40	3/3/2025 15:50	0.003	0.003	0.003	0.003	0.003	0.006
Modem 49913	3/3/2025 15:30	3/3/2025 15:40	0.003	0.003	0.003	0.003	0.003	0.007
Modem 49913	3/3/2025 15:20	3/3/2025 15:30	0.003	0.003	0.003	0.003	0.003	0.008
Modem 49913	3/3/2025 15:10	3/3/2025 15:20	0.003	0.003	0.003	0.003	0.003	0.008
Modem 49913	3/3/2025 15:00	3/3/2025 15:10	0.004	0.004	0.004	0.004	0.004	0.008
Modem 49913	3/3/2025 14:50	3/3/2025 15:00	0.004	0.004	0.005	0.005	0.005	0.009
Modem 49913	3/3/2025 14:40	3/3/2025 14:50	0.005	0.005	0.005	0.006	0.006	0.008
Modem 49913	3/3/2025 14:30	3/3/2025 14:40	0.006	0.006	0.006	0.006	0.006	0.008
Modem 49913	3/3/2025 14:20	3/3/2025 14:30	0.008	0.008	0.009	0.009	0.009	0.008
Modem 49913	3/3/2025 14:10	3/3/2025 14:20	0.008	0.008	0.008	0.009	0.009	0.008
Modem 49913	3/3/2025 14:00	3/3/2025 14:10	0.009	0.009	0.009	0.010	0.010	0.008
Modem 49913	3/3/2025 13:50	3/3/2025 14:00	0.010	0.010	0.011	0.011	0.011	0.008
Modem 49913	3/3/2025 13:40	3/3/2025 13:50	0.010	0.010	0.010	0.011	0.011	0.007
Modem 49913	3/3/2025 13:30	3/3/2025 13:40	0.009	0.010	0.010	0.010	0.010	0.007
Modem 49913	3/3/2025 13:20	3/3/2025 13:30	0.011	0.011	0.011	0.011	0.011	0.006
Modem 49913	3/3/2025 13:10	3/3/2025 13:20	0.007	0.008	0.008	0.008	0.008	0.006
Modem 49913	3/3/2025 13:00	3/3/2025 13:10	0.008	0.008	0.008	0.009	0.009	0.006
Modem 49913	3/3/2025 12:50	3/3/2025 13:00	0.007	0.007	0.007	0.007	0.007	0.006
Modem 49913	3/3/2025 12:40	3/3/2025 12:50	0.003	0.003	0.003	0.003	0.003	0.007

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM 10 120 min Avg.
	(Eastern)	(Eastern)	(mg/m <sup>3</sup> )					
Modem 49913	3/3/2025 12:30	3/3/2025 12:40	0.004	0.004	0.004	0.004	0.004	0.007
Modem 49913	3/3/2025 12:20	3/3/2025 12:30	0.005	0.005	0.005	0.005	0.005	0.008
Modem 49913	3/3/2025 12:10	3/3/2025 12:20	0.006	0.006	0.006	0.006	0.006	0.009
Modem 49913	3/3/2025 12:00	3/3/2025 12:10	0.005	0.005	0.006	0.006	0.006	0.009
Modem 49913	3/3/2025 11:50	3/3/2025 12:00	0.007	0.007	0.007	0.007	0.008	
Modem 49913	3/3/2025 11:40	3/3/2025 11:50	0.004	0.004	0.004	0.004	0.004	
Modem 49913	3/3/2025 11:30	3/3/2025 11:40	0.005	0.005	0.005	0.005	0.005	
Modem 49913	3/3/2025 11:20	3/3/2025 11:30	0.005	0.005	0.005	0.005	0.005	
Modem 49913	3/3/2025 11:10	3/3/2025 11:20	0.008	0.008	0.008	0.008	0.008	
Modem 49913	3/3/2025 11:00	3/3/2025 11:10	0.007	0.007	0.007	0.007	0.007	
Modem 49913	3/3/2025 10:50	3/3/2025 11:00	0.010	0.010	0.010	0.010	0.010	
Modem 49913	3/3/2025 10:40	3/3/2025 10:50	0.014	0.014	0.014	0.014	0.014	
Modem 49913	3/3/2025 10:30	3/3/2025 10:40	0.015	0.015	0.015	0.015	0.015	
Modem 49913	3/3/2025 10:20	3/3/2025 10:30	0.013	0.013	0.013	0.013	0.013	
Modem 49913	3/3/2025 10:10	3/3/2025 10:20	0.003	0.004	0.006	0.010	0.010	
Modem 49913	3/3/2025 10:00	3/3/2025 10:10	0.003	0.004	0.006	0.010	0.010	



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 DELIVERY DATE 3/4/2025  
PROJECT NAME CVSD Gun Club ADDRESS TURNAROUND TIME 10-Day  
H&A CONTACT Breeyn Greer CONTACT Rande Arrington PROJECT MANAGER Breeyn Greer

Sample No.	Date	Time	Depth	Type	Analysis Requested												HOLD	Number of Containers	Comments(special instructions, precautions, additional method numbers, etc.)	
					cPAHs Project Specific List															
CP_93_3.5_1	3/3/2025	9:40	3.5	Soil	X													X	1	Laboratory to use applicable DEP CAM methods, unless otherwise directed.  > cPAHs by Project Specific List          2.2, 2.6 I R006
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		
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		

Sampled and Relinquished by		Received by		LIQUID												Sampling Comments		
Sign <i>[Signature]</i>	Sign <i>[Signature]</i>																VOA Vial	
Print Luke Pedan	Print Colson Desjume																Amber Glass	
Firm Haley & Aldrich	Firm EBT SPO																Plastic Bottle	
Date 3/4/25 Time 8:45	Date 3/4/25 Time 9:50																Preservative	
Relinquished by		Received by		SOLID												Volume		
Sign	Sign																VOA Vial	
Print	Print																Amber Glass	
Firm	Firm																Clear Glass	
Date	Time	Date	Time														Preservative	
Relinquished by		Received by		PRESERVATION KEY												Evidence samples were tampered with? YES NO		
Sign	Sign															If YES, please explain in section below.		
Print	Print																	
Firm	Firm																	
Date	Time	Date	Time															

**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 ap

**Required Reporting Limits and Data Quality Objectives**

<input type="checkbox"/> RC-S1	<input type="checkbox"/> S1	<input type="checkbox"/> GW1
<input type="checkbox"/> RC-S2	<input type="checkbox"/> S2	<input type="checkbox"/> GW2
<input type="checkbox"/> RC-GW1	<input type="checkbox"/> S3	<input type="checkbox"/> GW3
<input type="checkbox"/> RC-GW2		





Haley & Aldrich, Inc.  
505 W Riverside Ave.,  
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Spokane, WA 99201-0513

# CHAIN OF CUSTODY RECORD

Phone (509) 960-7447  
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Page 3 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 Rande Arrington PROJECT MANAGER Breeyn Greer

Sample No.	Date	Time	Depth	Type	Analysis Requested										HOLD	Number of Containers	Comments(special instructions, precautions, additional method numbers, etc.)	
					cPAHs Project Specific List													
CP_111_3.5_3	3/3/2025	11:35	3.5	Soil												X	1	> cPAHs by Project Specific List  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	
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	LIQUID	Sampling Comments
Sign <i>[Signature]</i> Print Luke Peter Firm H&A Date 3/4/25 Time 8:45	Sign <i>[Signature]</i> Print Carson Desimone Firm B E T S P U Date 3/4/25 Time 8:50		VOA Vial Amber Glass Plastic Bottle Preservative Volume
Relinquished by	Received by	SOLID	
Sign Print Firm Date Time	Sign Print Firm Date Time		VOA Vial Amber Glass Clear Glass Preservative Volume
Relinquished by	Received by		Evidence samples were tampered with? YES NO If YES, please explain in section below.
Sign Print Firm Date Time	Sign Print Firm Date Time		

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 ap

Required Reporting Limits and Data Quality Objectives

RC-S1       S1       GW1  
 RC-S2       S2       GW2  
 RC-GW1       S3       GW3  
 RC-GW2





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 Rande Arrington PROJECT MANAGER Breeyn Greer

Sample No.	Date	Time	Depth	Type	Analysis Requested												HOLD	Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)	
					cPAHs Project Specific List															
CP_130_3_1	3/3/2025	14:05	3	Soil	X													X	1	Laboratory to use applicable DEP CAM methods, unless otherwise directed.  > cPAHs by Project Specific List
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	
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		LIQUID												Sampling Comments			
Sign <i>[Signature]</i>	Sign <i>[Signature]</i>																	VOA Vial	
Print Luke Peden	Print Carbon Des'mena																	Amber Glass	
Firm H&A	Firm BBTSP																	Plastic Bottle	
Date 3/4/25 Time 8:45	Date 3/4/25 Time 9:50																	Preservative	
Relinquished by		Received by		SOLID												Evidence samples were tampered with? YES NO			
Sign	Sign																	VOA Vial	
Print	Print																	Amber Glass	
Firm	Firm																	Clear Glass	
Date Time	Date Time																	Preservative	
Relinquished by		Received by		PRESERVATION KEY												If YES, please explain in section below.			
Sign	Sign	Sample chilled    C NaOH    E H <sub>2</sub> SO <sub>4</sub> G Methanol B Sample filtered    D HNO <sub>3</sub> F HCL    H Water/NaHSO <sub>4</sub> (circle)																	
Print	Print																		
Firm	Firm																		
Date Time	Date Time																		

**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 are

**Required Reporting Limits and Data Quality Objectives**

RC-S1                       S1                       GW1  
 RC-S2                       S2                       GW2  
 RC-GW1                       S3                       GW3  
 RC-GW2



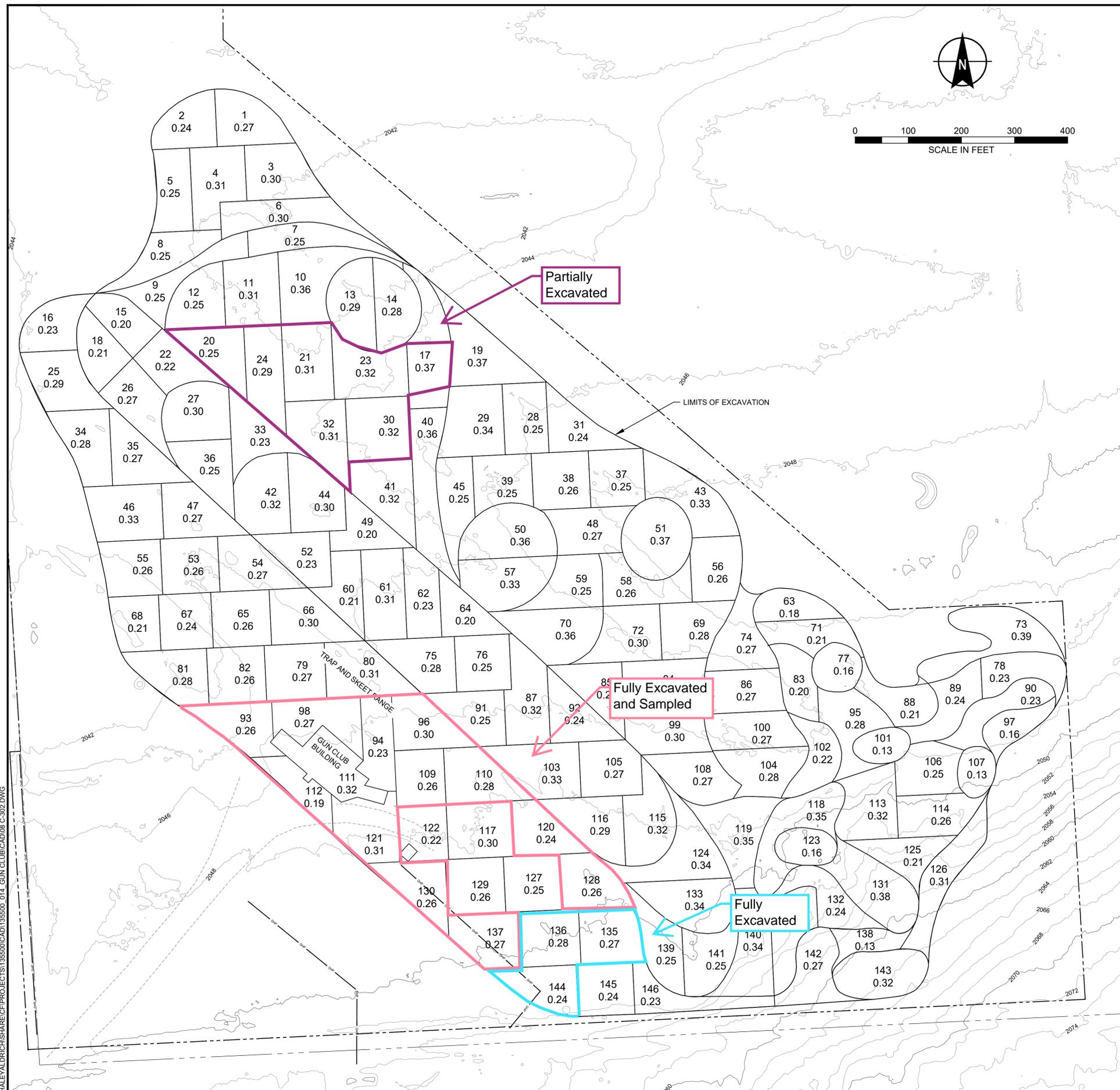
**NOTES**

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6. CLEAN BACKFILL FROM THE REPOSITORY CAN BE STOCKPILED ADJACENT TO SAMPLING UNITS OUTSIDE THE LIMITS OF EXCAVATION IN LOCATIONS APPROVED BY THE ENGINEER.

**LEGEND**

- 73 SAMPLE UNIT ID
- 0.39 AREA (ACRES)

UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)
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2	0.24	60	0.21	118	0.35
3	0.30	61	0.31	119	0.35
4	0.31	62	0.23	120	0.24
5	0.25	63	0.18	121	0.31
6	0.30	64	0.20	122	0.22
7	0.25	65	0.26	123	0.16
8	0.25	66	0.30	124	0.34
9	0.25	67	0.24	125	0.21
10	0.36	68	0.21	126	0.31
11	0.31	69	0.28	127	0.25
12	0.25	70	0.36	128	0.26
13	0.29	71	0.21	129	0.26
14	0.28	72	0.30	130	0.26
15	0.20	73	0.39	131	0.38
16	0.23	74	0.27	132	0.24
17	0.37	75	0.28	133	0.34
18	0.21	76	0.25	134	0.27
19	0.37	77	0.16	135	0.27
20	0.25	78	0.23	136	0.28
21	0.31	79	0.27	137	0.27
22	0.22	80	0.31	138	0.13
23	0.32	81	0.28	139	0.25
24	0.29	82	0.26	140	0.34
25	0.29	83	0.20	141	0.25
26	0.27	84	0.31	142	0.27
27	0.30	85	0.24	143	0.32
28	0.25	86	0.27	144	0.24
29	0.34	87	0.32	145	0.24
30	0.32	88	0.21	146	0.23
31	0.24	89	0.24	TOTAL	39.42
32	0.31	90	0.23		
33	0.23	91	0.25		
34	0.28	92	0.24		
35	0.27	93	0.26		
36	0.25	94	0.23		
37	0.25	95	0.28		
38	0.26	96	0.30		
39	0.25	97	0.16		
40	0.36	98	0.27		
41	0.32	99	0.30		
42	0.32	100	0.27		
43	0.33	101	0.13		
44	0.30	102	0.22		
45	0.25	103	0.33		
46	0.33	104	0.28		
47	0.27	105	0.27		
48	0.27	106	0.25		
49	0.20	107	0.13		
50	0.36	108	0.27		
51	0.37	109	0.26		
52	0.23	110	0.28		
53	0.26	111	0.32		
54	0.27	112	0.19		
55	0.26	113	0.32		
56	0.26	114	0.26		
57	0.33	115	0.32		
58	0.26	116	0.29		



LWP  
3 March 2025

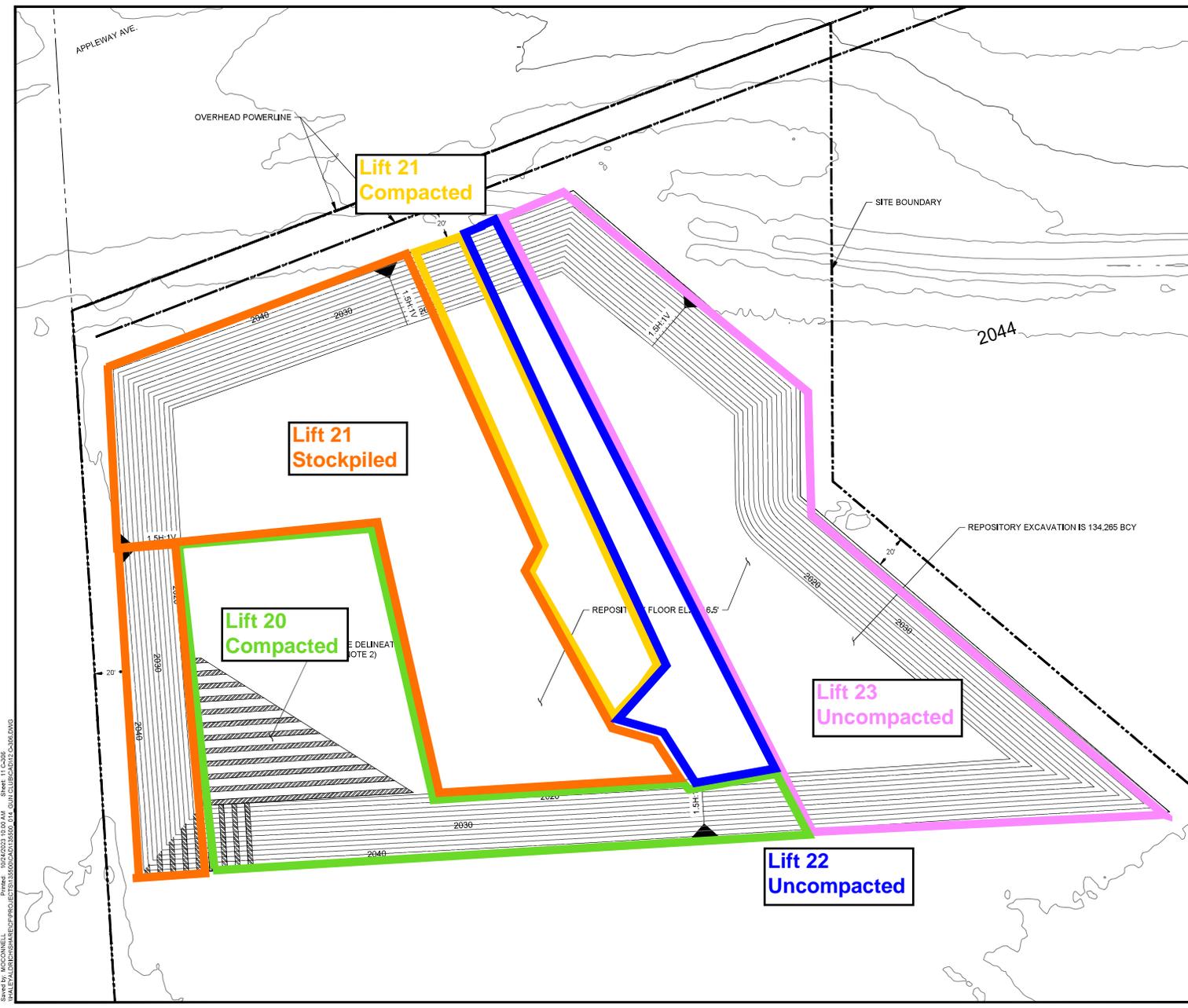
Project No.:	202349-001
Scale:	SHOWN
Date:	10/17/2023
Drawn By:	ZS/MO
Designed By:	BD
Checked By:	KH
Approved By:	JH/KH
Stamp:	

1	ISSUED FOR ECOLOGY	BD	05/18/23
0	ISSUED FOR BID	BD	10/18/23
Rev.	Description	By	Date

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE. #9656  
SPOKANE VALLEY,  
WASHINGTON

**CONFIRMATION  
SAMPLING PLAN**

**C-302**



**NOTES**

- PRIOR TO EXCAVATION TOPSOIL SHALL BE STRIPPED AND STOCKPILED.
- A VISUAL REFERENCE FOR THE DELINEATION BETWEEN NATIVE SOIL AND MATERIAL PLACED IN THE REPOSITORY IS REQUIRED. REFERRED TO HEREIN AS A WASTE DELINEATOR.
- ORANGE SILT FENCE IN ROLLS 5 FEET WIDE (OR AND APPROVED EQUAL) IS REQUIRED TO BE PLACED 8 FEET O.C. WITH A SPACING BETWEEN THE FABRIC OF 5 FEET IN THE BOTTOM AND ALONG THE CUT SLOPES OF THE REPOSITORY AS A WASTE DELINEATOR.
- THE ORIENTATION OF THE WASTE DELINEATOR CAN VARY ACROSS THE BOTTOM OF THE REPOSITORY EXCAVATION AS APPROVED BY THE ENGINEER.
- IMPACTED SOILS SHALL BE PLACED IN THE REPOSITORY IN HORIZONTAL LIFTS NOT TO EXCEED 1.5 FEET IN TOTAL THICKNESS AND COMPACTED TO AT LEAST 90% PER MODIFIED PROCTOR ASTM D 1557/ANSI TO 1.180.
- CONCRETE AND OTHER DEMOLITION DEBRIS APPROVED BY THE ENGINEER SHALL BE PLACED 10 OR MORE FEET BELOW THE LINER.
- CONTRACTOR SHALL STOCKPILE BOULDERS WITH GREATEST DIMENSIONS LARGER THAN 24 INCHES IN THE STOCKPILE LOCATION SHOWN ON SHEET C-301 OR AS APPROVED BY THE ENGINEER.
- WHEN PLACING BOULDERS OR COBBLES DO NOT NEST THEM SUCH THAT VOIDS ARE CREATED. BOULDERS AND COBBLES SHALL BE SPREAD OUT UNIFORMLY SO SOIL FILLS AROUND THEM.
- PLACEMENT OF OVERSEED MATERIALS (12 - 24 INCHES SHALL ALLOW COMPACTION EQUIPMENT TO COMPACT AROUND THE SIDES WITHOUT BEING IN CONTACT WITH NEARBY OVERSIZE MATERIAL THAT PRECLUDES UNIFORM COMPACTION.
- CONCRETE BROKEN INTO PIECES 12 TO 24 INCHES SHALL BE TREATED THE SAME AS OVERSIZE MATERIAL.
- CONCRETE SLABS CAN BE INCORPORATED INTO FILL WITHOUT PROCESSING IF THEY ARE PLACED ON A LEVEL SURFACE (E.G. NOT DUMPED), SUCH THAT THEY ARE FIRMLY SEATED AND BACKFILLED WITH SAND AND GRAVEL. CONCRETE SLABS SHALL NOT BE STACKED NESTED OR OTHERWISE PLACED SUCH THAT VOIDS ARE CREATED.
- CONTRACTOR SHALL PROVIDE AN EXCAVATION PLAN WHICH INCLUDES BOTH THE REPOSITORY EXCAVATION AND BACKFILLING AND THE EXCAVATION OF IMPACTED SOILS.



HALEY & ALDRICH  
505 W. RIVERSIDE AVE, SUITE 205  
SPOKANE, WA 99201  
TEL: 509-363-7447  
WWW.HALEYALDRICH.COM

Project No.	202349-001
Scale	SHOWN
Date	10/17/2023
Drawn By	ZSM/CG
Designed By	BD
Checked By	KH
Approved By	JHK/KC
Stamp	



1	ISSUED FOR ECOLOGY	BD	05/16/23
0	ISSUED FOR BE	BD	10/16/23
Rev.	Description	By	Date

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE, #9656  
SPOKANE VALLEY,  
WASHINGTON

REPOSITORY  
SUBGRADE  
EXCAVATION PLAN

**C-306**

Sheet 11 of 21

**LWP**  
**3 March 2025**



<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	71
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	04 March 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Sunny	<b>Temperature</b>	32-50°F

**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: Halme prepared the following sampling Units today to be sampled tomorrow (05 March 2025): 139, 141, 146, and 146. Halme also began the initial excavation for the removal of the Underground Storage Tank (UST) previously discovered on Site. The UST was removed from the Site today. Two PID readings were collected today from contaminated soil and recorded in the attached table below.

<b>Depth of Excavation (Feet)</b>	<b>Max PID Value (ppm)</b>
3.0	48.9
4.5	89.6

- b. Contaminated Soil Disposal: Contaminated soil was loaded via an excavator into a side dump tractor trailer to be transported to the Waste Management Graham Road landfill in Airway Heights, Washington. Three loads were disposed of today; disposal tickets are attached.
- c. Contaminated Unit Sampling: One initial soil sample (UST\_CS\_3\_030425) was collected from the UST area and delivered to Eurofins today by Haley & Aldrich for profiling of the petroleum product and the contaminated material to be disposed of.
- d. Backfill: Halme deposited contaminated material from over-excavated Units into the repository, but no compaction or compaction testing activities occurred on Site today.

**II. DUST MONITORING:**

Dust Monitors (DMs) with telemetry capabilities were deployed in advance of excavation and backfill today and operated from 07:30 to 18:00. Samsara DM 47181 was positioned downwind of Site work and DM 49913 was positioned upwind of Site work. The relative humidity in the morning was approximately 88 percent and the wind was from the east to west.

Dust levels did not exceed the threshold of 2.5 milligrams per square meter (mg/m<sup>3</sup>) total particulates at the property boundary today. However, the threshold of 0.025 mg/m<sup>3</sup> PM<sub>10</sub> 120-minute rolling average at the downwind property boundary did have two brief exceedances. This can be attributed to Halme operating a water truck in close proximity to this dust monitor. Haley & Aldrich believe that the use of this water truck to wash off the Ridgeline High School tennis courts caused this exceedance. Site observations indicated that dust was well-controlled. Dust monitoring data is attached.

**Discussions:**

**DAILY FIELD REPORT**

---

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	71
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	04 March 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	2 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Sunny	<b>Temperature</b>	32-50°F

---

<u>Name</u>	<u>Topic</u>
Halme; Haley & Aldrich	Haley & Aldrich spoke with Casey of Halme regarding sampling Units prepared today.

---

<u>Field Representative(s)</u>	<u>Time on Site</u>	<u>Report/Travel/Other</u>	<u>Total</u>
Cameron Luckey	3.75 hours	2.00 hours	5.75 hours

**Distribution:**

CVSD; Attn: Jay Rowell

OAC Services, Inc.; Attn: Jeff Jurgensen

**Attachments:**

Attachment A – Photolog

Attachment B – Confirmation Sampling Plan

Attachment C - Dust Monitoring Data

Attachment D – Waste Management Disposal Tickets



---

Haley & Aldrich, Inc.

[https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/03 - March/03\\_04\\_25\\_CAL\\_DFR\\_71/03\\_04\\_25\\_CAL\\_DFR.docx](https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared%20Documents/0202349.Gun%20Club%20-%20Bid%20and%20Tech%20Support/-002%20Construction%20Support/Data/Field%20Data/DFR/2025/03-March/03_04_25_CAL_DFR_71/03_04_25_CAL_DFR.docx)



Photo 01. Over excavation progress of contaminated Units (view looking northwest).



Photo 02. Over excavation progress of contaminated Units (view looking west).

**Site Photographs – 04 March 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA



**Attachment A**



Photo 03. Clean material stockpile that was excavated for the removal of the UST (view looking east).



Photo 4. Over excavation progress of southern Units (view looking south).

**Site Photographs – 04 March 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA

**HALEY  
ALDRICH**

**Attachment A**



Photo 05. 500-gallon former diesel UST that was disposed of today.



Photo 06. UST excavation in progress (view looking south).

**Site Photographs – 04 March 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA



**Attachment A**

**NOTES**

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27	0.30	85	0.24	143	0.32
28	0.25	86	0.27	144	0.24
29	0.34	87	0.32	145	0.24
30	0.32	88	0.21	146	0.23
31	0.24	89	0.24	TOTAL	39.42
32	0.31	90	0.23		
33	0.23	91	0.25		
34	0.28	92	0.24		
35	0.27	93	0.26		
36	0.25	94	0.23		
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44	0.30	102	0.22		
45	0.25	103	0.33		
46	0.33	104	0.28		
47	0.27	105	0.27		
48	0.27	106	0.25		
49	0.20	107	0.13		
50	0.36	108	0.27		
51	0.37	109	0.26		
52	0.23	110	0.28		
53	0.26	111	0.32		
54	0.27	112	0.19		
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56	0.26	114	0.26		
57	0.33	115	0.32		
58	0.26	116	0.29		

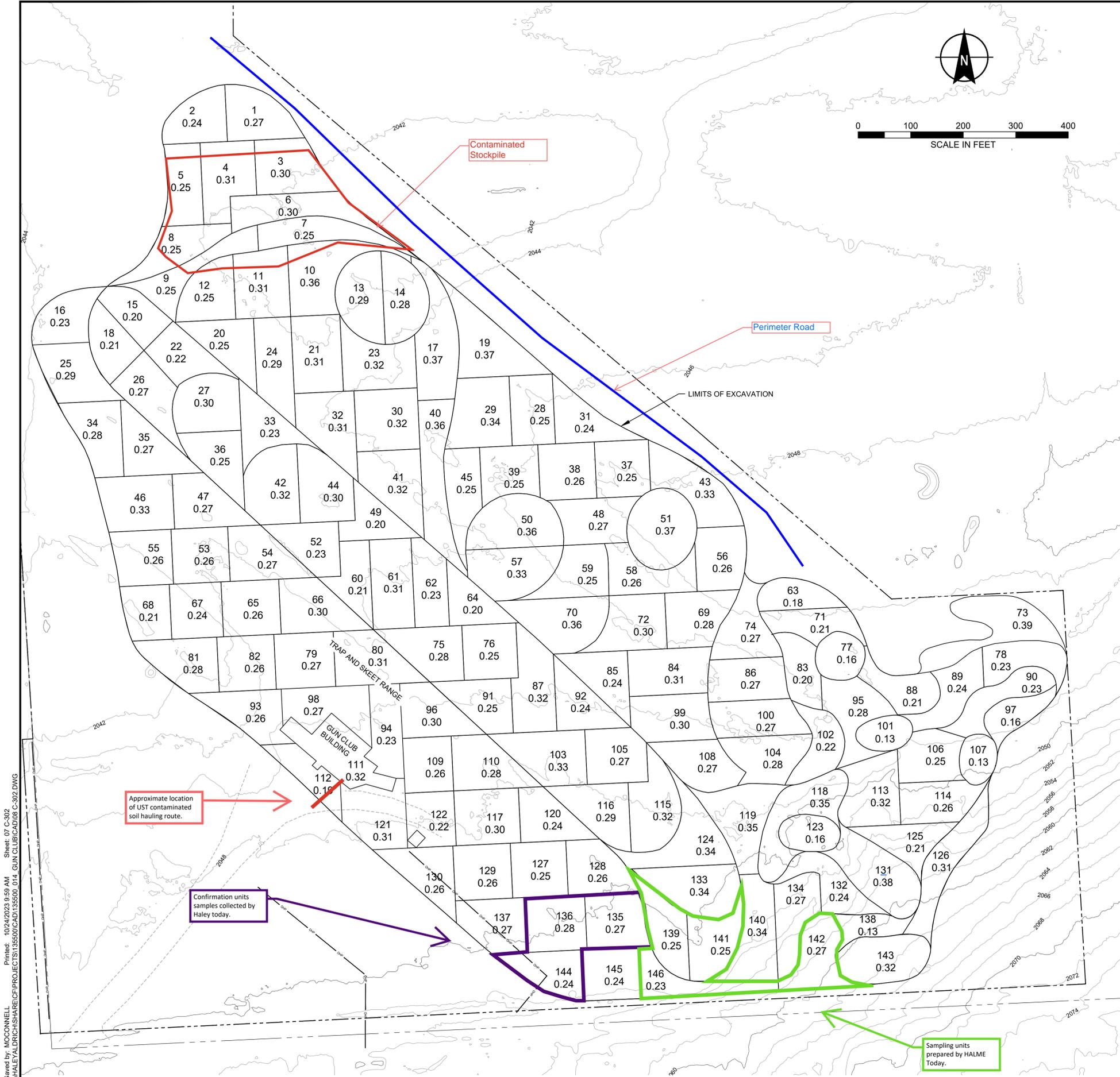
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Scale:	SHOWN
Date:	10/17/2023
Drawn By:	ZS/MO
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Approved By:	JH/KH
Stamp:	

1	ISSUED FOR ECOLOGY	BD	05/18/23
0	ISSUED FOR BID	BD	10/18/23
Rev.	Description	By	Date

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE. #9656  
SPOKANE VALLEY,  
WASHINGTON

**CONFIRMATION SAMPLING PLAN**

**C-302**



Saved by: MCCANNELL  
 Printed: 10/24/2023 9:59 AM  
 Sheet: 07 of 21  
 PROJECT: 15185500 CAD 133266\_014\_GUN CLUB CLEANUP C-302.DWG

Excavation Plan  
Markup CAL  
04 March 2025

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
<b>Downwind</b>			<i>Latest</i>	<i>Latest</i>	<i>Latest</i>	<i>Latest</i>	<i>Latest</i>	
Modem 47181	3/4/2025 17:50	3/4/2025 18:00	0.006	0.006	0.006	0.007	0.007	0.006
Modem 47181	3/4/2025 17:40	3/4/2025 17:50	0.006	0.006	0.006	0.007	0.007	0.006
Modem 47181	3/4/2025 17:30	3/4/2025 17:40	0.009	0.009	0.01	0.01	0.01	0.008
Modem 47181	3/4/2025 17:20	3/4/2025 17:30	0.007	0.007	0.007	0.007	0.007	0.004
Modem 47181	3/4/2025 17:10	3/4/2025 17:20	0.007	0.007	0.007	0.007	0.007	0.007
Modem 47181	3/4/2025 17:00	3/4/2025 17:10	0.006	0.006	0.006	0.006	0.006	0.006
Modem 47181	3/4/2025 16:50	3/4/2025 17:00	0.005	0.006	0.006	0.006	0.006	0.009
Modem 47181	3/4/2025 16:40	3/4/2025 16:50	0.006	0.006	0.006	0.006	0.006	0.011
Modem 47181	3/4/2025 16:30	3/4/2025 16:40	0.006	0.006	0.006	0.006	0.006	0.007
Modem 47181	3/4/2025 16:20	3/4/2025 16:30	0.006	0.006	0.006	0.007	0.007	0.009
Modem 47181	3/4/2025 16:10	3/4/2025 16:20	0.005	0.005	0.005	0.005	0.005	0.019
Modem 47181	3/4/2025 16:00	3/4/2025 16:10	0.005	0.005	0.005	0.006	0.006	0.010
Modem 47181	3/4/2025 15:50	3/4/2025 16:00	0.005	0.005	0.005	0.005	0.005	0.008
Modem 47181	3/4/2025 15:40	3/4/2025 15:50	0.004	0.004	0.004	0.005	0.005	0.021
Modem 47181	3/4/2025 15:30	3/4/2025 15:40	0.004	0.004	0.004	0.005	0.005	0.010
Modem 47181	3/4/2025 15:20	3/4/2025 15:30	0.005	0.005	0.005	0.005	0	0.010
Modem 47181	3/4/2025 15:10	3/4/2025 15:20	0.005	0.005	0.005	0.006	0.006	0.011
Modem 47181	3/4/2025 15:00	3/4/2025 15:10	0.005	0.005	0.005	0.006	0.006	0.010
Modem 47181	3/4/2025 14:50	3/4/2025 15:00	0.009	0.009	0.01	0.011	0.011	0.013
Modem 47181	3/4/2025 14:40	3/4/2025 14:50	0.01	0.011	0.013	0.016	0.016	0.017
Modem 47181	3/4/2025 14:30	3/4/2025 14:40	0.007	0.008	0.008	0.008	0.008	0.014
Modem 47181	3/4/2025 14:20	3/4/2025 14:30	0.009	0.009	0.01	0.01	0.01	0.015
Modem 47181	3/4/2025 14:10	3/4/2025 14:20	0.018	0.019	0.023	0.032	0.033	0.026
Modem 47181	3/4/2025 14:00	3/4/2025 14:10	0.012	0.012	0.012	0.013	0.013	0.017
Modem 47181	3/4/2025 13:50	3/4/2025 14:00	0.011	0.011	0.011	0.011	0.011	0.015
Modem 47181	3/4/2025 13:40	3/4/2025 13:50	0.021	0.022	0.025	0.036	0.037	0.031
Modem 47181	3/4/2025 13:30	3/4/2025 13:40	0.014	0.014	0.014	0.014	0.014	0.019
Modem 47181	3/4/2025 13:20	3/4/2025 13:30	0.017	0.017	0.018	0.019	0.019	0.021
Modem 47181	3/4/2025 13:10	3/4/2025 13:20	0.014	0.014	0.014	0.015	0.015	0.020
Modem 47181	3/4/2025 13:00	3/4/2025 13:10	0.013	0.013	0.013	0.014	0.014	0.019
Modem 47181	3/4/2025 12:50	3/4/2025 13:00	0.014	0.015	0.015	0.015	0.015	0.018
Modem 47181	3/4/2025 12:40	3/4/2025 12:50	0.016	0.016	0.016	0.017	0.017	0.018
Modem 47181	3/4/2025 12:30	3/4/2025 12:40	0.017	0.018	0.018	0.018	0.019	0.019
Modem 47181	3/4/2025 12:20	3/4/2025 12:30	0.019	0.019	0.019	0.02	0.02	
Modem 47181	3/4/2025 12:10	3/4/2025 12:20	0.018	0.018	0.018	0.019	0.019	
Modem 47181	3/4/2025 12:00	3/4/2025 12:10	0.02	0.02	0.02	0.02	0.02	
Modem 47181	3/4/2025 11:50	3/4/2025 12:00	0.019	0.019	0.019	0.019	0.019	
Modem 47181	3/4/2025 11:40	3/4/2025 11:50	0.023	0.023	0.024	0.025	0.025	
Modem 47181	3/4/2025 11:30	3/4/2025 11:40	0.023	0.023	0.023	0.024	0.024	
Modem 47181	3/4/2025 11:20	3/4/2025 11:30	0.022	0.022	0.023	0.023	0.023	
Modem 47181	3/4/2025 11:10	3/4/2025 11:20	0.023	0.023	0.023	0.024	0.024	
Modem 47181	3/4/2025 11:00	3/4/2025 11:10	0.022	0.023	0.023	0.023	0.023	
Modem 47181	3/4/2025 10:50	3/4/2025 11:00	0.018	0.019	0.019	0.021	0.021	
Modem 47181	3/4/2025 10:40	3/4/2025 10:50	0.018	0.018	0.018	0.019	0.019	
Modem 47181	3/4/2025 10:30	3/4/2025 10:40	0.017	0.017	0.017	0.018	0.018	

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT  
 SPOKANE VALLEY, WASHINGTON  
 FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
<b>Upwind</b>								
Modem 49913	3/4/2025 17:50	3/4/2025 18:00	0	0	0	0	0	0.001
Modem 49913	3/4/2025 17:40	3/4/2025 17:50	0.001	0.001	0.002	0.002	0.002	0.002
Modem 49913	3/4/2025 17:30	3/4/2025 17:40	0.002	0.002	0.002	0.003	0.003	0.002
Modem 49913	3/4/2025 17:20	3/4/2025 17:30	0.002	0.002	0.003	0.003	0.003	0.002
Modem 49913	3/4/2025 17:10	3/4/2025 17:20	0.002	0.002	0.003	0.003	0.003	0.002
Modem 49913	3/4/2025 17:00	3/4/2025 17:10	0.001	0.001	0.001	0.002	0.002	0.003
Modem 49913	3/4/2025 16:50	3/4/2025 17:00	0.001	0.001	0.001	0.001	0.001	0.002
Modem 49913	3/4/2025 16:40	3/4/2025 16:50	0.001	0.001	0.001	0.002	0.002	0.003
Modem 49913	3/4/2025 16:30	3/4/2025 16:40	0.001	0.001	0.001	0.001	0.001	0.003
Modem 49913	3/4/2025 16:20	3/4/2025 16:30	0.001	0.001	0.001	0.001	0.001	0.003
Modem 49913	3/4/2025 16:10	3/4/2025 16:20	0	0	0	0	0	0.004
Modem 49913	3/4/2025 16:00	3/4/2025 16:10	0.001	0.001	0.001	0.002	0.002	0.005
Modem 49913	3/4/2025 15:50	3/4/2025 16:00	0.001	0.001	0.001	0.001	0.001	0.005
Modem 49913	3/4/2025 15:40	3/4/2025 15:50	0	0	0	0.001	0.001	0.007
Modem 49913	3/4/2025 15:30	3/4/2025 15:40	0	0	0.001	0.001	0.001	0.006
Modem 49913	3/4/2025 15:20	3/4/2025 15:30	0.001	0.001	0.001	0.001	0.001	0.006
Modem 49913	3/4/2025 15:10	3/4/2025 15:20	0	0.001	0.001	0.001	0.001	0.007
Modem 49913	3/4/2025 15:00	3/4/2025 15:10	0.002	0.002	0.002	0.003	0.003	0.007
Modem 49913	3/4/2025 14:50	3/4/2025 15:00	0.001	0.002	0.002	0.002	0.002	0.007
Modem 49913	3/4/2025 14:40	3/4/2025 14:50	0.004	0.004	0.004	0.004	0.004	0.011
Modem 49913	3/4/2025 14:30	3/4/2025 14:40	0.003	0.003	0.003	0.004	0.004	0.011
Modem 49913	3/4/2025 14:20	3/4/2025 14:30	0.005	0.005	0.005	0.005	0.005	0.011
Modem 49913	3/4/2025 14:10	3/4/2025 14:20	0.007	0.008	0.008	0.008	0.008	0.013
Modem 49913	3/4/2025 14:00	3/4/2025 14:10	0.008	0.008	0.008	0.008	0.008	0.014
Modem 49913	3/4/2025 13:50	3/4/2025 14:00	0.008	0.008	0.008	0.009	0.009	0.015
Modem 49913	3/4/2025 13:40	3/4/2025 13:50	0.011	0.011	0.012	0.012	0.012	0.016
Modem 49913	3/4/2025 13:30	3/4/2025 13:40	0.009	0.01	0.01	0.01	0.01	0.016
Modem 49913	3/4/2025 13:20	3/4/2025 13:30	0.01	0.011	0.011	0.011	0.011	0.016
Modem 49913	3/4/2025 13:10	3/4/2025 13:20	0.011	0.011	0.012	0.012	0.012	0.017
Modem 49913	3/4/2025 13:00	3/4/2025 13:10	0.009	0.009	0.009	0.01	0.01	0.016
Modem 49913	3/4/2025 12:50	3/4/2025 13:00	0.011	0.012	0.012	0.012	0.012	0.015
Modem 49913	3/4/2025 12:40	3/4/2025 12:50	0.016	0.016	0.016	0.017	0.017	0.018
Modem 49913	3/4/2025 12:30	3/4/2025 12:40	0.017	0.017	0.017	0.017	0.017	0.019
Modem 49913	3/4/2025 12:20	3/4/2025 12:30	0.016	0.016	0.016	0.017	0.017	
Modem 49913	3/4/2025 12:10	3/4/2025 12:20	0.017	0.017	0.018	0.018	0.018	
Modem 49913	3/4/2025 12:00	3/4/2025 12:10	0.018	0.018	0.018	0.019	0.019	
Modem 49913	3/4/2025 11:50	3/4/2025 12:00	0.018	0.019	0.019	0.02	0.02	
Modem 49913	3/4/2025 11:40	3/4/2025 11:50	0.019	0.02	0.02	0.02	0.02	
Modem 49913	3/4/2025 11:30	3/4/2025 11:40	0.02	0.02	0.021	0.021	0.021	
Modem 49913	3/4/2025 11:20	3/4/2025 11:30	0.02	0.02	0.02	0.021	0.021	
Modem 49913	3/4/2025 11:10	3/4/2025 11:20	0.02	0.021	0.021	0.021	0.021	
Modem 49913	3/4/2025 11:00	3/4/2025 11:10	0.021	0.021	0.021	0.022	0.022	
Modem 49913	3/4/2025 10:50	3/4/2025 11:00	0.017	0.018	0.018	0.018	0.018	
Modem 49913	3/4/2025 10:40	3/4/2025 10:50	0.018	0.018	0.018	0.019	0.019	
Modem 49913	3/4/2025 10:30	3/4/2025 10:40	0.02	0.02	0.021	0.021	0.021	

**WMA**  
 Grant Facility  
 18200 Han Road  
 Medical Waste Management 99022

Reprint  
 Ticket# /43195  
 Ph: (509)244-0151

Customer Name HALMBROCKS INC HALMB CONS<sup>®</sup> Carrier HALMB HALMB CONSTRUCTION  
 Ticket Date 03/04/2025 Vehicle# 1  
 Payment Type Credit Account Container  
 Manual Ticket# Driver  
 Route Check#  
 Hauling Ticket# Billing# 0000084  
 Destination Grid  
 Manifest 119570WA  
 Profile 119570WA (LF01: DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
 Generator CVSD GUN-19615 CVSD GUN CLUB 19615 E SPRAGUE AVE LIBERTY LAKE  
 PO# 119570WA

Time	Scale	Operator	Inbound	Gross	105500 lb
In: 03/04/2025 12:41:46	Scale1	amaruric		Tare	46260 lb
Out: 03/04/2025 13:00:10	Scale1	amaruric		Net	59240 lb
				Tons	29.62

Comments

Product	UOM	Qty	UOM	Rate	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons-	100	29.62	Tons				SPOKANE
2 ENRPCY-Energy Surcharge	100						SPOKANE
3 WWM-P-Waste Water Manag	100						SPOKANE
4 SRHD1-Spokane Regional	100	29.62	Tons				SPOKANE

Total Tax/Fees  
 Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

**WASTE MANAGEMENT**  
 Facility  
 1820 ...ham Road  
 Medi... 9022

Reprint  
 Ticket# 713180  
 Ph: (509)244-0151

Customer Name HALMECONSINC HALME CONS Carrier HALME HALME CONSTRUCTION  
 Ticket Date 03/04/2025 Vehicle# RICK  
 Payment Type Credit Account Container  
 Manual Ticket# Driver RICK  
 Route Check#  
 Hauling Ticket# Billing# 0000084  
 Destination Grid  
 Manifest 119570WA  
 Profile 119570WA (LF01: DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
 Generator CVSD GUN-19615 CVSD GUN CLUB 19615 E SPRAGUE AVE LIBERTY LAKE  
 PO# 119570WA

Time	Scale	Operator	Inbound	Gross	118700 lb
In 03/04/2025 10:53:21	Scale1	amanuric		Tare	46360 lb
Out 03/04/2025 11:08:00	Scale1	amanuric		Net	72340 lb
				Tons	36.17

Comments

Product	UOM	Qty	JOM	Rate	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons-	100	36.17	Tons				SPOKANE
2 ENERGY-Energy Surcharge	100		\$				SPOKANE
3 WWM-P-Waste Water Manag	100		\$				SPOKANE
4 SRHD1-Spokane Regional	100	36.17	Tons				SPOKANE

Total Tax/Fees  
 Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

**W** Facility  
 1820 Ham Road  
 Waste Management 9022

Reprint  
 Ticket# 743217  
 Ph: (509)244-0151

Customer Name HALMECONSINC HALME CONS Carrier HALME HALME CONSTRUCTION  
 Ticket Date 03/04/2025 Vehicle# 1  
 Payment Type Credit Account Container  
 Manual Ticket# Driver  
 Route Check#  
 Hauling Ticket# Billing# 0000084  
 Destination Grid  
 Manifest 119570WA  
 Profile 119570WA (LF01: DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
 Generator CVSD GUN-19615 CVSD GUN CLUB 19615 E SPRAGUE AVE LIBERTY LAKE  
 PO# 119570WA

Time	Scale	Operator	Inbound	Gross	
In 03/04/2025 14:36:07	Scale1	amanurin		107360 lb	
Out 03/04/2025 14:49:34	Scale1	amanurin		Tare 46120 lb	
				Net 61240 lb	
				Tons 30.62	

Comments

Product	Rate	Qty	UOM	Rate	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons- 100		30.62	Tons				SPOKANE
2 ENERGY-Energy Surcharge 100							SPOKANE
3 WWM-P-Waste Water Manag 100							SPOKANE
4 SRHD1-Spokane Regional 100		30.62	Tons				SPOKANE

Total Tax/Fees  
 Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	72
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	05 March 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Sunny; Slight Breeze	<b>Temperature</b>	32-45°F

**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: Halme continued the excavation of contaminated soil directly surrounding the Underground Storage Tank (UST) today under the direction of Haley & Aldrich, Inc. (Haley & Aldrich). Three PID readings were collected today from contaminated soil and recorded in the table below. The overall diameter of the excavated area was widened by Halme today to prevent the side walls from sluffing down creating an unsafe work area.

<b>Depth of Excavation (feet)</b>	<b>Max PID Value (ppm)</b>
<b>5</b>	<b>119.1</b>
<b>7</b>	<b>94.0</b>
<b>10</b>	<b>181.0</b>

Halme also continued to over-excavate additional sampling Units today. Over excavated material was pushed by a dozer to the edge of contaminated Units and then loaded by an excavator into haul trucks to be deposited into the repository. Halme prepared approximately 13 Units for confirmation sampling today. Please see the attached Confirmation Sampling Plan.

- b. Contaminated Soil Disposal: Contaminated soil was loaded via an excavator into a side dump tractor trailer to be transported to the Waste Management Graham Road landfill in Airway Heights, Washington. Four loads were disposed of today; disposal tickets are attached.
- c. Contaminated Unit Sampling: Haley & Aldrich collected confirmation soil samples from the following Units today: 139, 141, 146, 142, 138, 143, 126, 107, 97, 108, 104, 77, 88, and 69. Chain of Custody form is attached.
- d. Backfill: Halme deposited contaminated material from over-excavated Units into the repository, but no compaction or compaction testing activities occurred on Site today.

**II. DUST MONITORING:**

Dust Monitors (DMs) with telemetry capabilities were deployed in advance of excavation and backfill today and operated from 07:30 to 18:00. Samsara DM 47181 was positioned upwind of Site work and DM 49913 was positioned downwind of Site work. The relative humidity in the morning was approximately 88 percent and the wind was from west to east.

Dust levels did not exceed the threshold of 2.5 milligrams per square meter (mg/m<sup>3</sup>), nor the threshold of 0.025 mg/m<sup>3</sup> PM<sub>10</sub> 120-minute rolling average at the downwind property boundary. Site observations indicated that dust was well-controlled. Dust monitoring data is attached.

**Discussions:**

**DAILY FIELD REPORT**

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<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	72
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	05 March 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	2 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Sunny; Slight Breeze	<b>Temperature</b>	32-45°F

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<u>Name</u>	<u>Topic</u>
Halme; Haley & Aldrich	Haley & Aldrich spoke with Casey of Halme regarding sampling Units prepared today and contaminated soil removal from the UST area.

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<u>Field Representative(s)</u>	<u>Time on Site</u>	<u>Report/Travel/Other</u>	<u>Total</u>
Cameron Luckey	10.5 hours	1.0 hour	11.5 hours

**Distribution:**

CVSD; Attn: Jay Rowell  
OAC Services, Inc.; Attn: Jeff Jurgensen

**Attachments:**

Attachment A – Photolog  
Attachment B – Confirmation Sampling Plan  
Attachment C – Dust Monitoring Data  
Attachment D – Chain of Custody Form  
Attachment E – Waste Management Disposal Tickets



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Haley & Aldrich, Inc.

[https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/03 - March/03\\_05\\_25\\_CAL\\_DFR\\_72/03\\_05\\_25\\_CAL\\_DFR.docx](https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/03 - March/03_05_25_CAL_DFR_72/03_05_25_CAL_DFR.docx)



Photo 01. UST excavation progress at the beginning of the excavation workday (view looking south).



Photo 02. UST excavation progress after Halme expanded the excavation area (view looking south).

## Site Photographs – 05 March 2025

Spokane Gun Club Cleanup  
Spokane Valley, WA

**HALEY  
ALDRICH**

Attachment A



Photo 03. Over excavation progress of confirmation sampling Units along the southeastern excavation border (view looking south).



Photo 04. Over excavation progress of confirmation sampling Unit 69 (view looking northwest).

**Site Photographs – 05 March 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA

**HALEY  
ALDRICH**

**Attachment A**

**NOTES**

1. CONTRACTOR IS RESPONSIBLE FOR SURVEYING AND DELINEATING THE LIMITS OF THE SAMPLE UNITS SHOWN, AS NECESSARY TO COMPLETE THE WORK.
2. CONTRACTOR SHALL NOT BACKFILL WITHIN THE LIMITS OF ANY INDIVIDUAL SAMPLING UNTIL RECEIVING APPROVAL BY THE ENGINEER.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR CONFIRMATION SAMPLING AT LEAST 2 WORKING DAYS IN ADVANCE FOR EACH SAMPLING UNIT.
4. ALLOW UP TO 5 DAYS FOR THE ENGINEER TO COLLECT CONFIRMATION SAMPLES FOLLOWING IMPACTED SOIL EXCAVATION AND 10 TO 15 DAYS FOR ANALYTICAL RESULTS. CONFIRMATION SAMPLING RESULTS ARE EXPECTED TO TAKE BETWEEN 10 AND 15 DAYS, POSSIBLY LONGER. THE EXACT NUMBER OF DAYS REQUIRED WILL NOT BE KNOWN UNTIL THE FIRST SAMPLES ARE PROCESSED AND COULD VARY BETWEEN SAMPLING UNITS DEPENDING ON SHIPPING AND MOISTURE CONTENT. THE CONTRACTOR SHALL PLAN THE WORK ACCORDINGLY.
5. ONCE A SAMPLING UNIT IS DESIGNATED FOR CONFIRMATION SAMPLING IMPACTED SOILS SHALL NO LONGER BE TRANSPORTED THROUGH THAT SAMPLING UNIT.
6. CLEAN BACKFILL FROM THE REPOSITORY CAN BE STOCKPILED ADJACENT TO SAMPLING UNITS OUTSIDE THE LIMITS OF EXCAVATION IN LOCATIONS APPROVED BY THE ENGINEER.

**LEGEND**

- 73 SAMPLE UNIT ID
- 0.39 AREA (ACRES)

UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)
1	0.27	59	0.25	117	0.30
2	0.24	60	0.21	118	0.35
3	0.30	61	0.31	119	0.35
4	0.31	62	0.23	120	0.24
5	0.25	63	0.18	121	0.31
6	0.30	64	0.20	122	0.22
7	0.25	65	0.26	123	0.16
8	0.25	66	0.30	124	0.34
9	0.25	67	0.24	125	0.21
10	0.36	68	0.21	126	0.31
11	0.31	69	0.28	127	0.25
12	0.25	70	0.36	128	0.26
13	0.29	71	0.21	129	0.26
14	0.28	72	0.30	130	0.26
15	0.20	73	0.39	131	0.38
16	0.23	74	0.27	132	0.24
17	0.37	75	0.28	133	0.34
18	0.21	76	0.25	134	0.27
19	0.37	77	0.16	135	0.27
20	0.25	78	0.23	136	0.28
21	0.31	79	0.27	137	0.27
22	0.22	80	0.31	138	0.13
23	0.32	81	0.28	139	0.25
24	0.29	82	0.26	140	0.34
25	0.29	83	0.20	141	0.25
26	0.27	84	0.31	142	0.27
27	0.30	85	0.24	143	0.32
28	0.25	86	0.27	144	0.24
29	0.34	87	0.32	145	0.24
30	0.32	88	0.21	146	0.23
31	0.24	89	0.24	TOTAL	39.42
32	0.31	90	0.23		
33	0.23	91	0.25		
34	0.28	92	0.24		
35	0.27	93	0.26		
36	0.25	94	0.23		
37	0.25	95	0.28		
38	0.26	96	0.30		
39	0.25	97	0.16		
40	0.36	98	0.27		
41	0.32	99	0.30		
42	0.32	100	0.27		
43	0.33	101	0.13		
44	0.30	102	0.22		
45	0.25	103	0.33		
46	0.33	104	0.28		
47	0.27	105	0.27		
48	0.27	106	0.25		
49	0.20	107	0.13		
50	0.36	108	0.27		
51	0.37	109	0.26		
52	0.23	110	0.28		
53	0.26	111	0.32		
54	0.27	112	0.16		
55	0.26	113	0.32		
56	0.26	114	0.26		
57	0.33	115	0.32		
58	0.26	116	0.29		

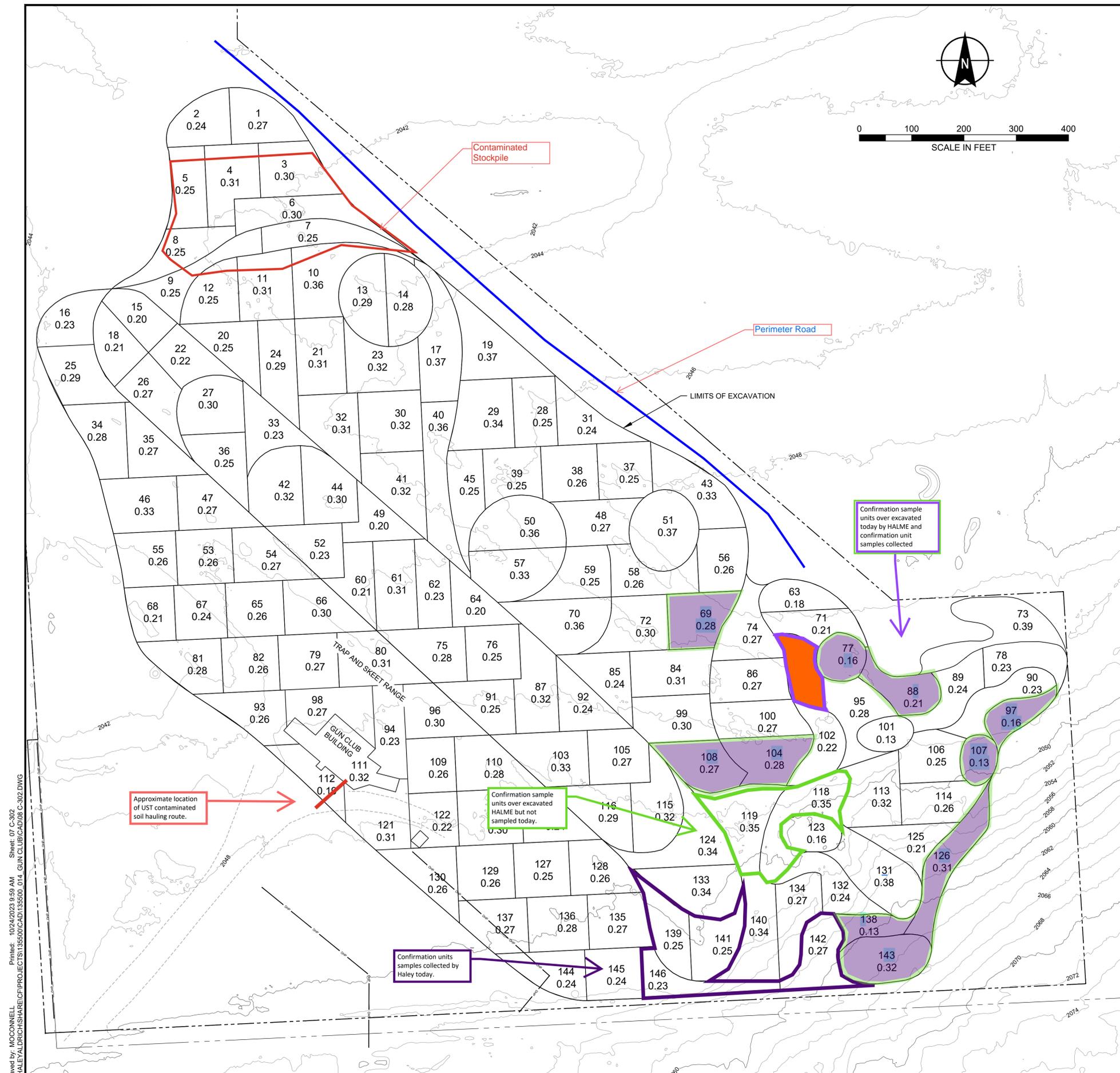
Project No.:	202349-001
Scale:	SHOWN
Date:	10/17/2023
Drawn By:	ZS/MO
Designed By:	BD
Checked By:	KH
Approved By:	JH/KH
Stamp:	

1	ISSUED FOR ECOLOGY	BD	05/18/23
0	ISSUED FOR BID	BD	10/18/23
Rev.	Description	By	Date

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE. #9656  
SPOKANE VALLEY,  
WASHINGTON

**CONFIRMATION SAMPLING PLAN**

**C-302**



Excavation Plan  
Markup CAL  
05 March 2025

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
<b>Upwind</b>								
Modem 47181	3/5/2025 17:50	3/5/2025 18:00	0	0	0	0	0	0
Modem 47181	3/5/2025 17:40	3/5/2025 17:50	0	0	0	0	0	0
Modem 47181	3/5/2025 17:30	3/5/2025 17:40	0	0	0	0	0	0
Modem 47181	3/5/2025 17:20	3/5/2025 17:30	0	0	0	0	0	0
Modem 47181	3/5/2025 17:10	3/5/2025 17:20	0	0	0	0	0	0
Modem 47181	3/5/2025 17:00	3/5/2025 17:10	0	0	0	0	0	0
Modem 47181	3/5/2025 16:50	3/5/2025 17:00	0	0	0	0	0	0
Modem 47181	3/5/2025 16:40	3/5/2025 16:50	0	0	0	0	0	0
Modem 47181	3/5/2025 16:30	3/5/2025 16:40	0	0	0	0	0	0
Modem 47181	3/5/2025 16:20	3/5/2025 16:30	0	0	0	0	0	0
Modem 47181	3/5/2025 16:10	3/5/2025 16:20	0	0	0	0	0	0
Modem 47181	3/5/2025 16:00	3/5/2025 16:10	0	0	0	0	0	0
Modem 47181	3/5/2025 15:50	3/5/2025 16:00	0	0	0	0	0	0
Modem 47181	3/5/2025 15:40	3/5/2025 15:50	0	0	0	0	0	0
Modem 47181	3/5/2025 15:30	3/5/2025 15:40	0	0	0	0	0	0
Modem 47181	3/5/2025 15:20	3/5/2025 15:30	0	0	0	0	0	0
Modem 47181	3/5/2025 15:10	3/5/2025 15:20	0	0	0	0	0	0
Modem 47181	3/5/2025 15:00	3/5/2025 15:10	0	0	0	0	0	0
Modem 47181	3/5/2025 14:50	3/5/2025 15:00	0	0	0	0	0	0
Modem 47181	3/5/2025 14:40	3/5/2025 14:50	0	0	0	0	0	0.0005
Modem 47181	3/5/2025 14:30	3/5/2025 14:40	0	0	0	0	0	0.0005
Modem 47181	3/5/2025 14:20	3/5/2025 14:30	0	0	0	0	0	0.0005
Modem 47181	3/5/2025 14:10	3/5/2025 14:20	0	0	0	0	0	0.0005
Modem 47181	3/5/2025 14:00	3/5/2025 14:10	0	0	0	0	0	0.001
Modem 47181	3/5/2025 13:50	3/5/2025 14:00	0	0	0	0	0	0.001
Modem 47181	3/5/2025 13:40	3/5/2025 13:50	0	0	0	0	0	0.001
Modem 47181	3/5/2025 13:30	3/5/2025 13:40	0	0	0	0	0	0.0015
Modem 47181	3/5/2025 13:20	3/5/2025 13:30	0	0	0	0	0	0.0005
Modem 47181	3/5/2025 13:10	3/5/2025 13:20	0	0	0	0	0	0.0005
Modem 47181	3/5/2025 13:00	3/5/2025 13:10	0	0	0	0	0	0.0005
Modem 47181	3/5/2025 12:50	3/5/2025 13:00	0	0	0	0	0	0.0005
Modem 47181	3/5/2025 12:40	3/5/2025 12:50	0	0	0.001	0.001	0.001	0.002
Modem 47181	3/5/2025 12:30	3/5/2025 12:40	0.001	0.001	0.001	0.001	0.001	0.002
Modem 47181	3/5/2025 12:20	3/5/2025 12:30	0.001	0.001	0.001	0.001	0.001	
Modem 47181	3/5/2025 12:10	3/5/2025 12:20	0.001	0.001	0.001	0.001	0.001	
Modem 47181	3/5/2025 12:00	3/5/2025 12:10	0.002	0.002	0.002	0.002	0.002	
Modem 47181	3/5/2025 11:50	3/5/2025 12:00	0.001	0.002	0.002	0.002	0.002	
Modem 47181	3/5/2025 11:40	3/5/2025 11:50	0.002	0.002	0.002	0.002	0.002	
Modem 47181	3/5/2025 11:30	3/5/2025 11:40	0.002	0.002	0.003	0.003	0.003	
Modem 47181	3/5/2025 11:20	3/5/2025 11:30	0.001	0.001	0.001	0.001	0.001	
Modem 47181	3/5/2025 11:10	3/5/2025 11:20	0.001	0.001	0.001	0.001	0.001	
Modem 47181	3/5/2025 11:00	3/5/2025 11:10	0.001	0.001	0.001	0.001	0.001	
Modem 47181	3/5/2025 10:50	3/5/2025 11:00	0	0.001	0.001	0.001	0.001	
Modem 47181	3/5/2025 10:40	3/5/2025 10:50	0.002	0.002	0.003	0.003	0.003	

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
Modem 47181	3/5/2025 10:30	3/5/2025 10:40	0.002	0.003	0.003	0.003	0.003	
<b>Downwind</b>								
Modem 49913	3/5/2025 17:50	3/5/2025 18:00	-0.002	-0.002	-0.002	-0.001	-0.001	-0.0015
Modem 49913	3/5/2025 17:40	3/5/2025 17:50	-0.002	-0.002	-0.001	-0.001	-0.001	-0.001
Modem 49913	3/5/2025 17:30	3/5/2025 17:40	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
Modem 49913	3/5/2025 17:20	3/5/2025 17:30	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
Modem 49913	3/5/2025 17:10	3/5/2025 17:20	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
Modem 49913	3/5/2025 17:00	3/5/2025 17:10	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
Modem 49913	3/5/2025 16:50	3/5/2025 17:00	-0.002	-0.002	-0.002	-0.002	-0.002	-0.0015
Modem 49913	3/5/2025 16:40	3/5/2025 16:50	-0.003	-0.003	-0.003	-0.003	-0.003	-0.002
Modem 49913	3/5/2025 16:30	3/5/2025 16:40	-0.002	-0.002	-0.002	-0.002	-0.002	-0.0015
Modem 49913	3/5/2025 16:20	3/5/2025 16:30	-0.003	-0.002	-0.002	-0.002	-0.002	-0.0015
Modem 49913	3/5/2025 16:10	3/5/2025 16:20	-0.002	-0.002	-0.002	-0.002	-0.002	-0.0015
Modem 49913	3/5/2025 16:00	3/5/2025 16:10	-0.002	-0.002	-0.002	-0.002	-0.002	-0.0015
Modem 49913	3/5/2025 15:50	3/5/2025 16:00	-0.002	-0.002	-0.002	-0.002	-0.002	-0.001
Modem 49913	3/5/2025 15:40	3/5/2025 15:50	-0.002	-0.002	-0.002	-0.001	-0.001	-0.001
Modem 49913	3/5/2025 15:30	3/5/2025 15:40	-0.002	-0.002	-0.002	-0.002	-0.002	-0.0015
Modem 49913	3/5/2025 15:20	3/5/2025 15:30	-0.002	-0.002	-0.002	-0.002	-0.002	-0.001
Modem 49913	3/5/2025 15:10	3/5/2025 15:20	-0.002	-0.002	-0.002	-0.002	-0.002	-0.001
Modem 49913	3/5/2025 15:00	3/5/2025 15:10	-0.002	-0.002	-0.002	-0.002	-0.002	-0.001
Modem 49913	3/5/2025 14:50	3/5/2025 15:00	-0.002	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	3/5/2025 14:40	3/5/2025 14:50	-0.002	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	3/5/2025 14:30	3/5/2025 14:40	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	3/5/2025 14:20	3/5/2025 14:30	-0.001	-0.001	-0.001	-0.001	-0.001	0
Modem 49913	3/5/2025 14:10	3/5/2025 14:20	-0.001	-0.001	-0.001	-0.001	-0.001	0
Modem 49913	3/5/2025 14:00	3/5/2025 14:10	-0.001	-0.001	-0.001	-0.001	-0.001	0
Modem 49913	3/5/2025 13:50	3/5/2025 14:00	0	0	0	0	0	0.0005
Modem 49913	3/5/2025 13:40	3/5/2025 13:50	-0.001	-0.001	-0.001	-0.001	-0.001	0.0005
Modem 49913	3/5/2025 13:30	3/5/2025 13:40	-0.001	-0.001	-0.001	-0.001	-0.001	0.0005
Modem 49913	3/5/2025 13:20	3/5/2025 13:30	0	0	0	0	0	0.001
Modem 49913	3/5/2025 13:10	3/5/2025 13:20	0	0	0	0	0	0.0005
Modem 49913	3/5/2025 13:00	3/5/2025 13:10	0	0	0	0	0	0.001
Modem 49913	3/5/2025 12:50	3/5/2025 13:00	0	0	0	0	0	0.001
Modem 49913	3/5/2025 12:40	3/5/2025 12:50	0	0	0	0	0	0.002
Modem 49913	3/5/2025 12:30	3/5/2025 12:40	0	0	0	0	0	0.003
Modem 49913	3/5/2025 12:20	3/5/2025 12:30	0	0	0	0.001	0.001	
Modem 49913	3/5/2025 12:10	3/5/2025 12:20	0	0	0	0.001	0.001	
Modem 49913	3/5/2025 12:00	3/5/2025 12:10	0	0	0	0.001	0.001	
Modem 49913	3/5/2025 11:50	3/5/2025 12:00	0	0	0.001	0.001	0.001	
Modem 49913	3/5/2025 11:40	3/5/2025 11:50	0.001	0.002	0.002	0.002	0.002	
Modem 49913	3/5/2025 11:30	3/5/2025 11:40	0.002	0.002	0.002	0.002	0.002	
Modem 49913	3/5/2025 11:20	3/5/2025 11:30	0.001	0.001	0.001	0.002	0.002	
Modem 49913	3/5/2025 11:10	3/5/2025 11:20	0.001	0.001	0.001	0.001	0.001	
Modem 49913	3/5/2025 11:00	3/5/2025 11:10	0.002	0.002	0.002	0.002	0.002	
Modem 49913	3/5/2025 10:50	3/5/2025 11:00	0.001	0.002	0.002	0.002	0.002	

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
Modem 49913	3/5/2025 10:40	3/5/2025 10:50	0.003	0.003	0.004	0.004	0.004	
Modem 49913	3/5/2025 10:30	3/5/2025 10:40	0.005	0.005	0.005	0.006	0.006	

**CHAIN OF CUSTODY RECORD**

H&A FILE NO. 0202349-002  
PROJECT NAME CUSD Gun Club  
H&A CONTACT Breeyn Greer

LABORATORY Existing  
ADDRESS \_\_\_\_\_  
CONTACT \_\_\_\_\_

DELIVERY DATE 3-5-25  
TURNAROUND TIME 10 Days  
PROJECT MANAGER Breeyn Greer

Sample No.	Date	Time	Depth	Type	Analysis Requested												Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)
					CP	MS	TC	TOC	TH	TR	TS	TT	TA	TD	TE	TF		
CP-144-2.75-1	3-4-25	8:40	2.75	SO, I	X													Laboratory to use applicable DEP CAM methods, unless otherwise directed. Hold all samples with the final digit of 3 and 4. Pm will contact for analysis  4, 8, 5, 2 IR006
CP-144-2.75-2					X													
CP-144-2.75-3					X													
CP-144-2.75-4				CL	X	X												
CP-136-2.75-1	3-4-25	8:20	2.75		X													
CP-136-2.75-2					X													
CP-136-2.75-3				CL	X	X												
CP-136-2.75-4				CL	X	X												
CP-135-2.75-1	3-4-25	8:10	2.75		X													
CP-135-2.75-2					X													

**Sampled and Relinquished by**

Sign: [Signature]  
Print: Cameron Wekey  
Firm: H&A  
Date: 3-5-25 Time: 14:55

**Received by**

Sign: [Signature]  
Print: Carson Desimone  
Firm: EETSPO  
Date: 3/5/25 Time: 14:55

**Relinquished by**

Sign: \_\_\_\_\_  
Print: \_\_\_\_\_  
Firm: \_\_\_\_\_  
Date: \_\_\_\_\_ Time: \_\_\_\_\_

**Received by**

Sign: \_\_\_\_\_  
Print: \_\_\_\_\_  
Firm: \_\_\_\_\_  
Date: \_\_\_\_\_ Time: \_\_\_\_\_

**Relinquished by**

Sign: \_\_\_\_\_  
Print: \_\_\_\_\_  
Firm: \_\_\_\_\_  
Date: \_\_\_\_\_ Time: \_\_\_\_\_

**Received by**

Sign: \_\_\_\_\_  
Print: \_\_\_\_\_  
Firm: \_\_\_\_\_  
Date: \_\_\_\_\_ Time: \_\_\_\_\_

LIQUID		SOLID		PRESERVATION KEY	
VOA Vial		VOA Vial		A Sample chilled	C NaOH
Amber Glass		Amber Glass		E H <sub>2</sub> SO <sub>4</sub>	G Methanol
Plastic Bottle		Plastic Bottle		B Sample filtered	D HNO <sub>3</sub>
Preservative		Preservative		F HCL	H Water/NaHSO <sub>4</sub> (circle)
Volume		Volume			

**Sampling Comments**

Evidence samples were tampered with? YES NO  
If YES, please explain in section below.

**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









**W** Facility  
 1820 ... Road  
 Waste Management 9022

Reprint  
 Ticket# 743235  
 Ph: (509)244-0151

Customer Name HALMECONS INC HALME CONS Carrier HALME HALME CONSTRUCTION  
 Ticket Date 03/05/2025 Vehicle# 1  
 Payment Type Credit Account Container  
 Manual Ticket# Driver  
 Route Check#  
 Hauling Ticket# Billing# 0000084  
 Destination Grid  
 Manifest 119570wa  
 Profile 119570WA (LE01: DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
 Generator CVSD GUN-19615 CVSD GUN CLUB 19615 F SPRAGUE AVE LIBERTY LAKE  
 PO# 119570wa

Time	Scale	Operator	Inbound	Gross	
In 03/05/2025 07:49:59	Scale1	amahirin		Tare	97880 lb
Out 03/05/2025 08:05:31	Scale1	amahirin		Net	46420 lb
				Tons	51460 lb
					25.73

Comments

Product	UOM	Qty	UOM	Rate	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons-	100	25.73	Tons				SPOKANE
2 ENERGY-Energy Surcharge	100						SPOKANE
3 WWM-P-Waste Water Manag	100						SPOKANE
4 SR01-Spokane Regional	100	25.73	Tons				SPOKANE

Total Tax/Fees  
 Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

**W** Facility  
 1820 Ham Road  
 Waste Management 9022

Reprint  
 Ticket# 143254  
 Ph: (509) 244-0151

Customer Name HALMECONSINC HALME CONST Carrier HALME HALME CONSTRUCTION  
 Ticket Date 03/05/2025 Vehicle# RICK  
 Payment Type Credit Account Container  
 Manual Ticket# Driver RICK  
 Route Check#  
 Hauling Ticket# Billing# 0000084  
 Destination Grid  
 Manifest 119570wa  
 Profile 119570WA (LP01: DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
 Generator CVSD GUN-19615 CVSD SUN CLUB 19615 E SPRAGUE AVE LIBERTY LAKE  
 PO# 119570wa

Time	Scale	Operator	Inbound	Gross	
In 03/05/2025 09:33:04	Scale1	amahiric		101720	lb
Out 03/05/2025 09:45:54	Scale1	amahiric		Tare	46360 lb
				Net	55360 lb
				Tons	27.68

Comments

Product	Code	Qty	UOM	Rate	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons-	100	27.68	Tons				SPOKANE
2 ENERGY-Energy Surcharge	100						SPOKANE
3 WWX-P-Waste Water Manag	100						SPOKANE
4 SRHD1-Spokane Regional	100	27.68	Tons				SPOKANE

Total Tax/Fees  
 Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

**W**  
 Facility  
 1820 ... Road  
 Medi... 99022

Reprint  
 Ticket# /13273  
 Ph: (509)244-0151

Customer Name HALMECCONSINC HALME CONST Carrier HALME HALME CONSTRUCTION  
 Ticket Date 03/05/2025 Vehicle# RICK  
 Payment Type Credit Account Container  
 Manual Ticket# Driver RICK  
 Route Check#  
 Hauling Ticket# Billing# 0000084  
 Destination Grid  
 Manifest 119570WA  
 Profile 119570WA (LF01: DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
 Generator CVSD GUN-19615 CVSD GUN CLUB 19615 E SPRAGUE AVE LIBERTY LAKE  
 PO# 119570WA

Time	Scale	Operator	Inbound	Gross	
In: 03/05/2025 11:07:54	Scale1	amanurin			110840 lb
Out: 03/05/2025 11:23:47	Scale1	amanurin			46240 lb
				Net	64600 lb
				Tons	32.30

Comments

Product	Rate	Qty	UOM	Rate	Tax/fee	Amount	Origin
1 Spwaste Solid Oth-Tons-	100	32.30	Tons				SPOKANE
2 ENERGY-Energy Surcharge	100						
3 WWM-P-Waste Water Manag	100						
4 SRHD1-Spokane Regional	100	32.30	Tons				

Total Tax/Fees  
 Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

**W**  
 Grant Facility  
 1820 Sham Road  
 Waste Management 9022

Reprint  
 Ticket# 713295  
 Ph: (509)244-0151

Customer Name HALNECONSINC HALME CONST Carrier HALME HALME CONSTRUCTION  
 Ticket Date 03/05/2025 Vehicle# RICK  
 Payment Type Credit Account Container  
 Manual Ticket# Driver RICK  
 Route Check#  
 Hauling Ticket# Billing# 0000084  
 Destination Grid  
 Manifest 119570wa  
 Profile 119570WA (LF01: DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
 Generator CVSD GUN-19615 CVSD GUN CLUB 19615 E SPRAGUE AVE LIBERTY LAKE  
 PO# 119570wa

Time	Scale	Operator	Inbound	Gross	
In 03/05/2025 12:48:14	Scale1	amahirin		103000	lb
Out 03/05/2025 13:05:18	Scale1	amahirin		Tare	46140 lb
				Net	56860 lb
				Tons	28.43

Comments

Product	UOM	Qty	UOM	Rate	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons- 100		28.43	Tons				SPOKANE
2 ENERGY-Energy Surcharge 100							SPOKANE
3 WWM-P-Waste Water Manag 100							SPOKANE
4 SRHDI-Spokane Regional 100		28.43	Tons				SPOKANE

Total Tax/Fees  
 Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	73
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	6 March 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Sunny	<b>Temperature</b>	27-53°F

**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: Haley & Aldrich, Inc. (Haley & Aldrich) observed excavation of Units on the east side of the Site, along with isolated Units scattered around the Site. Units on the east side of the Site were sampled the same day, while the isolated Units were only partially excavated and not ready to sample. Soil from the east side of the Site was taken directly to the repository as fill for Lift No. 22, while the isolated Units were scraped into small stockpiles with an excavator.

Haley & Aldrich also observed Halme excavate soil from beneath the Underground Storage Tank (UST) removed from the Site earlier in the week. Soil on the perimeter of the contaminated area with no odor or sheen was excavated and placed into small stockpiles nearby, while soil from the bottom of the hole at the center of the contaminated area was excavated and loaded into a truck to dispose of offsite. Five PID readings were collected today and can be found in the table below.

<b>Depth of Excavation (feet)</b>	<b>Max PID Reading (ppm)</b>
12	49.8
14	168.2
16	176.1
18	209.3
20	136.5

- b. Contaminated Soil Disposal: Contaminated soil was loaded via an excavator into a side dump tractor trailer to be transported to the Waste Management Graham Road landfill in Airway Heights, Washington. Three loads were disposed of today; disposal tickets are attached.
  - c. Confirmation Sampling: A total of ten Units were sampled today (Units 83, 118, 119, 20, 21, 24, 32, 30, 23, and 17), with each Unit being divided into four Quadrants. A discrete sample was collected from the approximate center of each Quadrant, resulting in four samples per Unit apart from Units 118 and 119, which each had two Quadrants pass previous analyses. As such, these Units only had two of each of their Quadrants sampled for a total of 36 samples overall. The Chain of Custody (COC) form for these samples is attached.
- D. Backfill: Haley & Aldrich observed backfilling of Lift No. 22 in the repository. Halme brought in fill to the repository for Lift No. 22, depositing this soil in small stockpiles. No compaction or compaction testing was completed today.

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<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	73
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	6 March 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	2 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Sunny	<b>Temperature</b>	27-53°F

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**II. DUST MONITORING:**

Dust Monitors (DMs) with telemetry capabilities were deployed in advance of excavation and backfill today and operated from 07:15 to 17:15. Samsara DM 47181 was positioned upwind of Site work and DM 49913 was positioned downwind of Site work. The relative humidity in the morning was approximately 91 percent and the wind was to the southwest.

Dust levels did not exceed the threshold of 2.5 milligrams per cubic meter (mg/m<sup>3</sup>) total particulates nor the threshold of 0.025 mg/m<sup>3</sup> PM<sub>10</sub> 120-minute rolling average at the downwind property boundary. Site observations indicated that dust was well-controlled. Dust monitoring data is attached.

**III. COMPACTION TESTING:**

No compaction tests were performed today.

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<b><u>Field Representative(s)</u></b>	<b><u>Time on Site</u></b>	<b><u>Report/Travel/Other</u></b>	<b><u>Total</u></b>
Luke Peden	9 hours	2 hours	11 hours

**Distribution:**

CVSD; Attn: Jay Rowell  
OAC Services, Inc.; Attn: Jeff Jurgensen

**Attachments:**

Attachment A – Photo Log  
Attachment B – Dust Monitoring Data  
Attachment C – Chain of Custody Form  
Attachment D – Confirmation Sampling Plan  
Attachment E – Repository Subgrade Excavation Plan  
Attachment F – Waste Management Disposal Tickets



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Haley & Aldrich, Inc.



Photo 01. Repository end-of-day, facing east.



Photo 02. Loading contaminated soil from UST contamination area into truck to haul offsite, facing southwest.

**Site Photographs – 06 March 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA



**Attachment A**



Photo 03. Excavating field screened-clean soil from perimeter of UST contamination area, facing northwest.



Photo 04. UST excavation area end-of-day, facing south.

**Site Photographs – 06 March 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA

**HALEY  
ALDRICH**

**Attachment A**

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM 10 120 min Avg.
	(Eastern)	(Eastern)	(mg/m <sup>3</sup> )					
<b>Upwind</b>								
Modem 47181	3/6/2025 20:50	3/6/2025 21:00	0.003	0.003	0.003	0.004	0.004	0.003
Modem 47181	3/6/2025 20:40	3/6/2025 20:50	0.003	0.003	0.003	0.004	0.004	0.002
Modem 47181	3/6/2025 20:30	3/6/2025 20:40	0.003	0.003	0.003	0.004	0.004	0.002
Modem 47181	3/6/2025 20:20	3/6/2025 20:30	0.002	0.002	0.002	0.003	0.003	0.002
Modem 47181	3/6/2025 20:10	3/6/2025 20:20	0.002	0.002	0.002	0.003	0.003	0.002
Modem 47181	3/6/2025 20:00	3/6/2025 20:10	0.001	0.001	0.002	0.002	0.002	0.002
Modem 47181	3/6/2025 19:50	3/6/2025 20:00	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	3/6/2025 19:40	3/6/2025 19:50	0.001	0.001	0.002	0.002	0.002	0.002
Modem 47181	3/6/2025 19:30	3/6/2025 19:40	0.001	0.002	0.002	0.002	0.000	0.002
Modem 47181	3/6/2025 19:20	3/6/2025 19:30	0.003	0.003	0.003	0.004	0.004	0.002
Modem 47181	3/6/2025 19:10	3/6/2025 19:20	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	3/6/2025 19:00	3/6/2025 19:10	0.001	0.002	0.002	0.002	0.002	0.002
Modem 47181	3/6/2025 18:50	3/6/2025 19:00	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	3/6/2025 18:40	3/6/2025 18:50	0.001	0.002	0.002	0.002	0.002	0.002
Modem 47181	3/6/2025 18:30	3/6/2025 18:40	0.001	0.001	0.002	0.002	0.002	0.002
Modem 47181	3/6/2025 18:20	3/6/2025 18:30	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	3/6/2025 18:10	3/6/2025 18:20	0.001	0.001	0.002	0.002	0.002	0.002
Modem 47181	3/6/2025 18:00	3/6/2025 18:10	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	3/6/2025 17:50	3/6/2025 18:00	0.001	0.002	0.002	0.002	0.002	0.002
Modem 47181	3/6/2025 17:40	3/6/2025 17:50	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	3/6/2025 17:30	3/6/2025 17:40	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	3/6/2025 17:20	3/6/2025 17:30	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	3/6/2025 17:10	3/6/2025 17:20	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	3/6/2025 17:00	3/6/2025 17:10	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	3/6/2025 16:50	3/6/2025 17:00	0.001	0.001	0.001	0.001	0.001	0.003
Modem 47181	3/6/2025 16:40	3/6/2025 16:50	0.001	0.001	0.001	0.001	0.001	0.003
Modem 47181	3/6/2025 16:30	3/6/2025 16:40	0.001	0.002	0.002	0.002	0.002	0.003
Modem 47181	3/6/2025 16:20	3/6/2025 16:30	0.002	0.002	0.002	0.003	0.003	0.003
Modem 47181	3/6/2025 16:10	3/6/2025 16:20	0.002	0.002	0.002	0.002	0.002	0.004
Modem 47181	3/6/2025 16:00	3/6/2025 16:10	0.002	0.002	0.003	0.003	0.003	0.004
Modem 47181	3/6/2025 15:50	3/6/2025 16:00	0.003	0.003	0.003	0.003	0.003	0.004
Modem 47181	3/6/2025 15:40	3/6/2025 15:50	0.002	0.002	0.002	0.002	0.002	0.004
Modem 47181	3/6/2025 15:30	3/6/2025 15:40	0.002	0.002	0.002	0.003	0.003	0.004
Modem 47181	3/6/2025 15:20	3/6/2025 15:30	0.003	0.003	0.003	0.003	0.003	0.005
Modem 47181	3/6/2025 15:10	3/6/2025 15:20	0.003	0.003	0.003	0.003	0.003	0.005
Modem 47181	3/6/2025 15:00	3/6/2025 15:10	0.002	0.002	0.002	0.003	0.003	0.005
Modem 47181	3/6/2025 14:50	3/6/2025 15:00	0.004	0.004	0.004	0.005	0.005	0.006
Modem 47181	3/6/2025 14:40	3/6/2025 14:50	0.004	0.004	0.005	0.005	0.005	0.006
Modem 47181	3/6/2025 14:30	3/6/2025 14:40	0.004	0.004	0.004	0.004	0.004	0.006
Modem 47181	3/6/2025 14:20	3/6/2025 14:30	0.004	0.004	0.004	0.005	0.005	0.006
Modem 47181	3/6/2025 14:10	3/6/2025 14:20	0.004	0.004	0.004	0.005	0.005	0.007
Modem 47181	3/6/2025 14:00	3/6/2025 14:10	0.004	0.004	0.004	0.005	0.004	0.007
Modem 47181	3/6/2025 13:50	3/6/2025 14:00	0.004	0.005	0.005	0.005	0.005	0.007
Modem 47181	3/6/2025 13:40	3/6/2025 13:50	0.005	0.006	0.006	0.006	0.006	0.008
Modem 47181	3/6/2025 13:30	3/6/2025 13:40	0.005	0.005	0.006	0.006	0.006	0.009

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM 10 120 min Avg.
	(Eastern)	(Eastern)	(mg/m <sup>3</sup> )					
Modem 47181	3/6/2025 13:20	3/6/2025 13:30	0.006	0.007	0.007	0.008	0.008	0.009
Modem 47181	3/6/2025 13:10	3/6/2025 13:20	0.006	0.006	0.007	0.008	0.008	0.010
Modem 47181	3/6/2025 13:00	3/6/2025 13:10	0.005	0.005	0.006	0.006	0.006	0.011
Modem 47181	3/6/2025 12:50	3/6/2025 13:00	0.005	0.006	0.006	0.007	0.007	0.011
Modem 47181	3/6/2025 12:40	3/6/2025 12:50	0.006	0.007	0.007	0.008	0.008	0.012
Modem 47181	3/6/2025 12:30	3/6/2025 12:40	0.004	0.005	0.005	0.005	0.005	0.011
Modem 47181	3/6/2025 12:20	3/6/2025 12:30	0.007	0.007	0.008	0.009	0.009	0.011
Modem 47181	3/6/2025 12:10	3/6/2025 12:20	0.006	0.007	0.007	0.008	0.008	0.010
Modem 47181	3/6/2025 12:00	3/6/2025 12:10	0.007	0.007	0.007	0.008	0.008	0.010
Modem 47181	3/6/2025 11:50	3/6/2025 12:00	0.010	0.011	0.011	0.012	0.012	
Modem 47181	3/6/2025 11:40	3/6/2025 11:50	0.013	0.013	0.014	0.014	0.014	
Modem 47181	3/6/2025 11:30	3/6/2025 11:40	0.012	0.013	0.013	0.013	0.014	
Modem 47181	3/6/2025 11:20	3/6/2025 11:30	0.013	0.013	0.014	0.014	0.014	
Modem 47181	3/6/2025 11:10	3/6/2025 11:20	0.014	0.014	0.015	0.015	0.015	
Modem 47181	3/6/2025 11:00	3/6/2025 11:10	0.016	0.016	0.017	0.017	0.017	
Modem 47181	3/6/2025 10:50	3/6/2025 11:00	0.016	0.017	0.017	0.017	0.018	
Modem 47181	3/6/2025 10:40	3/6/2025 10:50	0.014	0.014	0.015	0.015	0.015	
Modem 47181	3/6/2025 10:30	3/6/2025 10:40	0.000	0.000	0.000	0.000	0.000	
Modem 47181	3/6/2025 10:20	3/6/2025 10:30	0.000	0.000	0.000	0.000	0.000	
Modem 47181	3/6/2025 10:10	3/6/2025 10:20	0.000	0.000	0.000	0.000	0.000	
Modem 47181	3/6/2025 10:00	3/6/2025 10:10	0.000	0.000	0.000	0.000	0.000	
<b>Downwind</b>								
Modem 49913	3/6/2025 20:50	3/6/2025 21:00	0.001	0.001	0.001	0.003	0.003	0.001
Modem 49913	3/6/2025 20:40	3/6/2025 20:50	0.001	0.001	0.001	0.003	0.003	0.001
Modem 49913	3/6/2025 20:30	3/6/2025 20:40	0.001	0.001	0.001	0.003	0.003	0.001
Modem 49913	3/6/2025 20:20	3/6/2025 20:30	0.001	0.001	0.002	0.004	0.004	0.000
Modem 49913	3/6/2025 20:10	3/6/2025 20:20	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/6/2025 20:00	3/6/2025 20:10	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/6/2025 19:50	3/6/2025 20:00	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/6/2025 19:40	3/6/2025 19:50	0.000	0.000	0.000	0.000	0.000	0.002
Modem 49913	3/6/2025 19:30	3/6/2025 19:40	0.000	0.000	0.000	0.000	0.000	0.002
Modem 49913	3/6/2025 19:20	3/6/2025 19:30	0.000	0.000	0.000	0.000	0.000	0.002
Modem 49913	3/6/2025 19:10	3/6/2025 19:20	0.000	0.000	0.000	0.000	0.000	0.003
Modem 49913	3/6/2025 19:00	3/6/2025 19:10	0.000	0.000	0.000	0.000	0.000	0.003
Modem 49913	3/6/2025 18:50	3/6/2025 19:00	0.000	0.000	0.000	0.000	0.000	0.003
Modem 49913	3/6/2025 18:40	3/6/2025 18:50	0.000	0.000	0.000	0.000	0.000	0.003
Modem 49913	3/6/2025 18:30	3/6/2025 18:40	0.000	0.000	0.000	0.000	0.000	0.003
Modem 49913	3/6/2025 18:20	3/6/2025 18:30	0.000	0.000	0.000	0.000	0.000	0.003
Modem 49913	3/6/2025 18:10	3/6/2025 18:20	0.000	0.000	0.000	0.000	0.000	0.003
Modem 49913	3/6/2025 18:00	3/6/2025 18:10	0.000	0.000	0.000	0.000	0.000	0.003
Modem 49913	3/6/2025 17:50	3/6/2025 18:00	-0.001	0.000	0.000	0.000	0.000	0.003
Modem 49913	3/6/2025 17:40	3/6/2025 17:50	0.009	0.011	0.015	0.028	0.028	0.003
Modem 49913	3/6/2025 17:30	3/6/2025 17:40	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/6/2025 17:20	3/6/2025 17:30	0.000	0.000	0.001	0.004	0.004	0.001
Modem 49913	3/6/2025 17:10	3/6/2025 17:20	0.002	0.002	0.004	0.007	0.007	0.001
Modem 49913	3/6/2025 17:00	3/6/2025 17:10	0.000	0.000	0.000	0.000	0.001	0.000

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM 10 120 min Avg.
	(Eastern)	(Eastern)	(mg/m <sup>3</sup> )					
Modem 49913	3/6/2025 16:50	3/6/2025 17:00	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/6/2025 16:40	3/6/2025 16:50	-0.001	-0.001	-0.001	-0.001	-0.001	0.000
Modem 49913	3/6/2025 16:30	3/6/2025 16:40	0.000	0.001	0.001	0.003	0.003	0.000
Modem 49913	3/6/2025 16:20	3/6/2025 16:30	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/6/2025 16:10	3/6/2025 16:20	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/6/2025 16:00	3/6/2025 16:10	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/6/2025 15:50	3/6/2025 16:00	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/6/2025 15:40	3/6/2025 15:50	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/6/2025 15:30	3/6/2025 15:40	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/6/2025 15:20	3/6/2025 15:30	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/6/2025 15:10	3/6/2025 15:20	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/6/2025 15:00	3/6/2025 15:10	0.000	0.000	0.000	0.000	0.000	0.002
Modem 49913	3/6/2025 14:50	3/6/2025 15:00	0.000	0.000	0.000	0.001	0.001	0.002
Modem 49913	3/6/2025 14:40	3/6/2025 14:50	0.000	0.000	0.000	0.000	0.000	0.002
Modem 49913	3/6/2025 14:30	3/6/2025 14:40	0.000	0.000	0.000	0.001	0.001	0.003
Modem 49913	3/6/2025 14:20	3/6/2025 14:30	0.000	0.000	0.000	0.001	0.001	0.003
Modem 49913	3/6/2025 14:10	3/6/2025 14:20	0.000	0.000	0.000	0.000	0.000	0.003
Modem 49913	3/6/2025 14:00	3/6/2025 14:10	0.000	0.000	0.000	0.001	0.001	0.004
Modem 49913	3/6/2025 13:50	3/6/2025 14:00	0.000	0.000	0.000	0.001	0.001	0.005
Modem 49913	3/6/2025 13:40	3/6/2025 13:50	0.001	0.001	0.001	0.002	0.002	0.006
Modem 49913	3/6/2025 13:30	3/6/2025 13:40	0.001	0.001	0.002	0.002	0.002	0.006
Modem 49913	3/6/2025 13:20	3/6/2025 13:30	0.003	0.003	0.004	0.005	0.005	0.007
Modem 49913	3/6/2025 13:10	3/6/2025 13:20	0.002	0.002	0.003	0.004	0.004	0.008
Modem 49913	3/6/2025 13:00	3/6/2025 13:10	0.002	0.002	0.003	0.003	0.003	0.009
Modem 49913	3/6/2025 12:50	3/6/2025 13:00	0.002	0.002	0.003	0.004	0.004	0.010
Modem 49913	3/6/2025 12:40	3/6/2025 12:50	0.003	0.004	0.004	0.005	0.005	0.011
Modem 49913	3/6/2025 12:30	3/6/2025 12:40	0.004	0.004	0.005	0.006	0.006	0.011
Modem 49913	3/6/2025 12:20	3/6/2025 12:30	0.005	0.005	0.005	0.006	0.006	0.023
Modem 49913	3/6/2025 12:10	3/6/2025 12:20	0.004	0.004	0.005	0.005	0.005	0.022
Modem 49913	3/6/2025 12:00	3/6/2025 12:10	0.005	0.006	0.006	0.007	0.007	0.022
Modem 49913	3/6/2025 11:50	3/6/2025 12:00	0.008	0.009	0.009	0.010	0.010	
Modem 49913	3/6/2025 11:40	3/6/2025 11:50	0.012	0.012	0.012	0.013	0.013	
Modem 49913	3/6/2025 11:30	3/6/2025 11:40	0.011	0.012	0.012	0.013	0.013	
Modem 49913	3/6/2025 11:20	3/6/2025 11:30	0.011	0.012	0.012	0.012	0.012	
Modem 49913	3/6/2025 11:10	3/6/2025 11:20	0.012	0.013	0.013	0.013	0.013	
Modem 49913	3/6/2025 11:00	3/6/2025 11:10	0.014	0.014	0.015	0.015	0.015	
Modem 49913	3/6/2025 10:50	3/6/2025 11:00	0.015	0.015	0.015	0.015	0.015	
Modem 49913	3/6/2025 10:40	3/6/2025 10:50	0.018	0.018	0.019	0.019	0.019	
Modem 49913	3/6/2025 10:30	3/6/2025 10:40	0.014	0.014	0.014	0.014	0.014	
Modem 49913	3/6/2025 10:20	3/6/2025 10:30	0.137	0.137	0.139	0.149	0.153	
Modem 49913	3/6/2025 10:10	3/6/2025 10:20	-0.001	-0.001	0.000	0.000	0.000	
Modem 49913	3/6/2025 10:00	3/6/2025 10:10	-0.001	-0.001	0.000	0.000	0.000	

**CHAIN OF CUSTODY RECORD**

H&A FILE NO. 0202349 LABORATORY Eurofins Spokane DELIVERY DATE 3/6/2025  
PROJECT NAME CVSD Gun Club ADDRESS TURNSAROUND TIME 10 Day  
H&A CONTACT Breeyn Greer CONTACT Rande Arrington PROJECT MANAGER Breeyn Greer

Sample No.	Date	Time	Depth	Type	Analysis Requested										Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)	
					cPAHs Project Specific List	Pb EPA 6020											
CL_88_1.75_1	3/5/2025	15:30	1.75	Soil		X										1	Laboratory to use applicable DEP CAM methods, unless otherwise directed.  > cPAHs by Project Specific List > PAHs on 10-Day TAT > Pb on Standard TAT  1.1, 1.4 IROOB
CL_88_1.75_2	3/5/2025	15:30	1.75	Soil		X										1	
CL_88_1.75_3	3/5/2025	15:30	1.75	Soil									X			1	
CL_88_1.75_4	3/5/2025	15:30	1.75	Soil									X			1	
C_77_3.75_1	3/5/2025	15:50	3.75	Soil	X											1	
C_77_3.75_2	3/5/2025	15:50	3.75	Soil	X											1	
C_77_3.75_3	3/5/2025	15:50	3.75	Soil									X			1	
C_77_3.75_4	3/5/2025	15:50	3.75	Soil									X			1	
C_108_1.5_1	3/5/2025	16:10	1.5	Soil	X											1	
C_108_1.5_2	3/5/2025	16:10	1.5	Soil	X											1	

Sampled and Relinquished by Sign: <i>[Signature]</i> Print: Luke Peden Firm: Haley & Aldrich Date: 3/6/25 Time: 16:20	Received by Sign: <i>[Signature]</i> Print: Carson Resmore Firm: IET SPO Date: 3/6/25 Time: 16:20	LIQUID VOA Vial Amber Glass Plastic Bottle Preservative Volume	Sampling Comments
Relinquished by Sign: Print: Firm: Date: Time:	Received by Sign: Print: Firm: Date: Time:	SOLID VOA Vial Amber Glass Clear Glass Preservative Volume	Evidence samples were tampered with? YES NO If YES, please explain in section below.
Relinquished by Sign: Print: Firm: Date: Time:	Received by Sign: Print: Firm: Date: Time:	PRESERVATION KEY A Sample chilled    C NaOH    E H <sub>2</sub> SO <sub>4</sub> G Methanol B Sample filtered    D HNO <sub>3</sub> F HCL    H Water/NaHSO <sub>4</sub> (circle)	

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 ap

Presumptive Certainty Data Package (Laboratory to use applicable DEP CAM methods)

Required Reporting Limits and Data Quality Objectives

RC-S1                       S1                       GW1  
 RC-S2                       S2                       GW2  
 RC-GW1                       S3                       GW3  
 RC-GW2





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 3 of 6

H&A FILE NO. 0202349 LABORATORY Eurofins Spokane DELIVERY DATE 3/6/2025  
PROJECT NAME CVSD Gun Club ADDRESS TURNAROUND TIME 10 Day  
H&A CONTACT Breeyn Greer CONTACT Rande Arrington PROJECT MANAGER Breeyn Greer

Sample No.	Date	Time	Depth	Type	cPAHs Project Specific List	Analysis Requested										HOLD	Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)
						Pb	EPA	6020										
C_83_2.5_1	3/6/2025	9:20	2.5	Soil	X												1	Laboratory to use applicable DEP CAM methods, unless otherwise directed.  > cPAHs by Project Specific List > PAHs on 10-Day TAT > Pb on Standard TAT  <i>1, 1, 1, 4 corr I ROD 6</i>
C_83_2.5_2	3/6/2025	9:25	2.5	Soil	X											1		
C_83_2.5_3	3/6/2025	9:30	2.5	Soil										X		1		
C_83_2.5_4	3/6/2025	9:35	2.5	Soil										X		1		
C_118_5.25_1	3/6/2025	9:50	5.25	Soil	X											1		
C_118_5.25_2	3/6/2025	9:55	5.25	Soil	X											1		
C_119_2.25_1	3/6/2025	10:00	2.25	Soil	X											1		
C_119_2.25_2	3/6/2025	10:05	2.25	Soil	X											1		
C_20_4_1	3/6/2025	12:50	4	Soil	X											1		
C_20_4_2	3/6/2025	12:55	4	Soil	X											1		

<b>Sampled and Relinquished by</b> Sign: <i>[Signature]</i> Print: <i>Luky Pedra</i> Firm: <i>H&amp;A</i> Date: <i>3/6/25</i> Time: <i>16:20</i>		<b>Received by</b> Sign: <i>Carson DeSimone</i> Print: <i>Carson DeSimone</i> Firm: <i>Carson DeSimone</i> Date: <i>3/6/25</i> Time: <i>16:20</i>		<b>LIQUID</b>										<b>Sampling Comments</b>	
														VOA Vial Amber Glass Plastic Bottle Preservative Volume	
<b>Relinquished by</b> Sign: Print: Firm: Date: Time:		<b>Received by</b> Sign: Print: Firm: Date: Time:		<b>SOLID</b>										VOA Vial Amber Glass Clear Glass Preservative Volume	
														Evidence samples were tampered with? YES NO If YES, please explain in section below.	
<b>Relinquished by</b> Sign: Print: Firm: Date: Time:		<b>Received by</b> Sign: Print: Firm: Date: Time:		<b>PRESERVATION KEY</b> A Sample chilled    C NaOH    E H <sub>2</sub> SO <sub>4</sub> G Methanol B Sample filtered    D HNO <sub>3</sub> F HCL    H Water/NaHSO <sub>4</sub> (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.

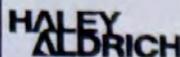
Matrix Spike (MS) samples for MCP Metals and/or Cyanide are included and identified herein.

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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 ap

**Required Reporting Limits and Data Quality Objectives**

RC-S1                       S1                       GW1  
 RC-S2                       S2                       GW2  
 RC-GW1                       S3                       GW3  
 RC-GW2



Haley & Aldrich, Inc.  
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# CHAIN OF CUSTODY RECORD

Phone (509) 960-7447

Fax (509) 960-7447

Page 4 of 6

H&A FILE NO. 0202349 LABORATORY Eurofins Spokane DELIVERY DATE 3/6/2025  
 PROJECT NAME CVSD Gun Club ADDRESS TURNAROUND TIME 10 Day  
 H&A CONTACT Breeyn Greer CONTACT Rande Arrington PROJECT MANAGER Breeyn Greer

Sample No.	Date	Time	Depth	Type	Analysis Requested										Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)		
					ePAHs Project Specific List	Pb EPA 6020												HOLD
C_20_4_3	3/6/2025	13:00	4	Soil												X	1	Laboratory to use applicable DEP CAM methods, unless otherwise directed.  > cPAHs by Project Specific List > PAHs on 10-Day TAT > Pb on Standard TAT  <i>1.1, 1.4 Corr I ROD6</i>
C_20_4_4	3/6/2025	13:05	4	Soil												X	1	
C_21_4_1	3/6/2025	13:10	4	Soil	X												1	
C_21_4_2	3/6/2025	13:15	4	Soil	X												1	
C_21_4_3	3/6/2025	13:20	4	Soil												X	1	
C_21_4_4	3/6/2025	13:25	4	Soil												X	1	
C_24_4_1	3/6/2025	13:30	4	Soil	X												1	
C_24_4_2	3/6/2025	13:35	4	Soil	X												1	
C_24_4_3	3/6/2025	13:40	4	Soil												X	1	
C_24_4_4	3/6/2025	13:45	4	Soil												X	1	

Sampled and Relinquished by	Received by	LIQUID	Sampling Comments
Sign Print Firm Date Time	Sign Print Firm Date Time	VOA Vial Amber Glass Plastic Bottle Preservative Volume	
Relinquished by	Received by	SOLID	
Sign Print Firm Date Time	Sign Print Firm Date Time	VOA Vial Amber Glass Clear Glass Preservative Volume	Evidence samples were tampered with? YES NO If YES, please explain in section below.
Relinquished by	Received by	PRESERVATION KEY	
Sign Print Firm Date Time	Sign Print Firm Date Time	A Sample chilled C NaOH E H <sub>2</sub> SO <sub>4</sub> G Methanol B Sample filtered D HNO <sub>3</sub> F HCL H Water/NaHSO <sub>4</sub> (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



# CHAIN OF CUSTODY RECORD

H&A FILE NO. 0202349      LABORATORY Eurofins Spokane      DELIVERY DATE 3/6/2025  
PROJECT NAME CVSD Gun Club      ADDRESS      TURNAROUND TIME 10 Day  
H&A CONTACT Breeyn Greer      CONTACT Rande Arrington      PROJECT MANAGER Breeyn Greer

Sample No.	Date	Time	Depth	Type	Analysis Requested										HOLD	Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)	
					cPAHs Project Specific List	Pb EPA 6020												
C_23_5_3	3/6/2025	14:50	5	Soil												X	1	Laboratory to use applicable DEP CAM methods, unless otherwise directed.  > cPAHs by Project Specific List > PAHs on 10-Day TAT > Pb on Standard TAT  <i>1st, 14 corr I 2026</i>
C_23_5_4	3/6/2025	14:55	5	Soil											X	1		
C_17_3.25_1	3/6/2025	15:00	3.25	Soil	X											1		
C_17_3.25_2	3/6/2025	15:05	3.25	Soil	X											1		
C_17_3.25_3	3/6/2025	15:10	3.25	Soil										X	1			
C_17_3.25_4	3/6/2025	15:15	3.25	Soil										X	1			

<b>Sampled and Relinquished by</b>		<b>Received by</b>		<b>LIQUID</b>										<b>Sampling Comments</b>				
Sign <i>[Signature]</i>	Print <i>Luke Peden</i>	Sign <i>[Signature]</i>	Print <i>Carson Deslaine</i>														VOA Vial	
Firm <i>H&amp;A</i>	Date <i>3/6/25</i> Time <i>16:20</i>	Firm <i>EETSPO</i>	Date <i>3/6/25</i> Time <i>16:20</i>														Amber Glass	
																	Plastic Bottle	
																	Preservative	
																	Volume	
<b>Relinquished by</b>		<b>Received by</b>		<b>SOLID</b>										<b>Evidence samples were tampered with? YES NO</b>				
Sign	Print	Sign	Print														VOA Vial	
Firm	Date	Firm	Date														Amber Glass	
	Time		Time														Clear Glass	
																	Preservative	
																	Volume	
<b>Relinquished by</b>		<b>Received by</b>		<b>PRESERVATION KEY</b>										<b>If YES, please explain in section below.</b>				
Sign	Print	Sign	Print	<u>B</u> Sample chilled	C NaOH	E H <sub>2</sub> SO <sub>4</sub>	G Methanol											
Firm	Date	Firm	Date	B Sample filtered	D HNO <sub>3</sub>	F HCL	H Water/NaHSO <sub>4</sub> (circle)											

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**Presumptive Certainty Data Package (Laboratory to use applicable DEP CAM methods)**

**Required Reporting Limits and Data Quality Objectives**

RC-S1       S1       GW1  
 RC-S2       S2       GW2  
 RC-GW1       S3       GW3  
 RC-GW2



**NOTES**

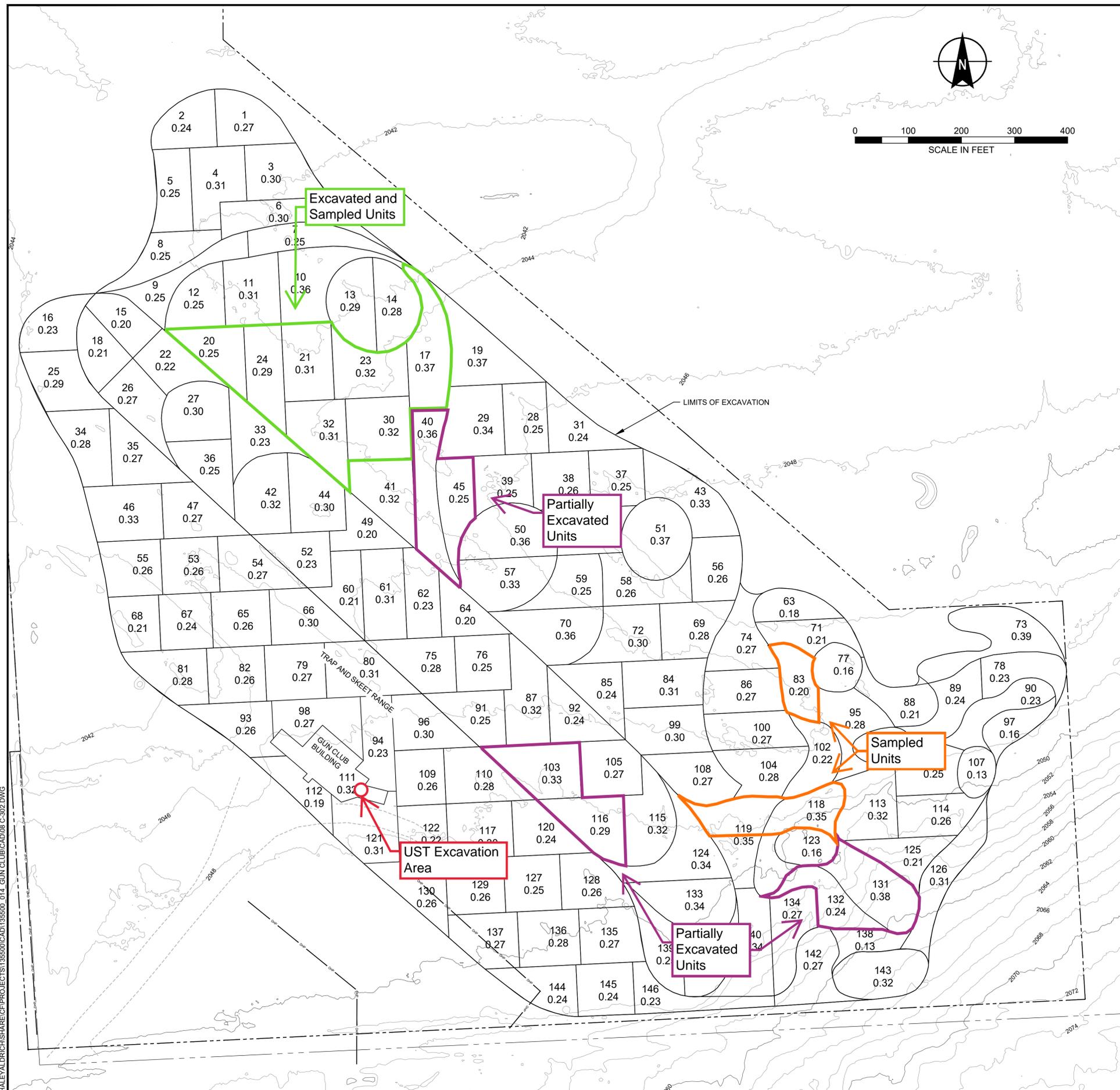
1. CONTRACTOR IS RESPONSIBLE FOR SURVEYING AND DELINEATING THE LIMITS OF THE SAMPLE UNITS SHOWN, AS NECESSARY TO COMPLETE THE WORK.
2. CONTRACTOR SHALL NOT BACKFILL WITHIN THE LIMITS OF ANY INDIVIDUAL SAMPLING UNTIL RECEIVING APPROVAL BY THE ENGINEER.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR CONFIRMATION SAMPLING AT LEAST 2 WORKING DAYS IN ADVANCE FOR EACH SAMPLING UNIT.
4. ALLOW UP TO 5 DAYS FOR THE ENGINEER TO COLLECT CONFIRMATION SAMPLES FOLLOWING IMPACTED SOIL EXCAVATION AND 10 TO 15 DAYS FOR ANALYTICAL RESULTS. CONFIRMATION SAMPLING RESULTS ARE EXPECTED TO TAKE BETWEEN 10 AND 15 DAYS, POSSIBLY LONGER. THE EXACT NUMBER OF DAYS REQUIRED WILL NOT BE KNOWN UNTIL THE FIRST SAMPLES ARE PROCESSED AND COULD VARY BETWEEN SAMPLING UNITS DEPENDING ON SHIPPING AND MOISTURE CONTENT. THE CONTRACTOR SHALL PLAN THE WORK ACCORDINGLY.
5. ONCE A SAMPLING UNIT IS DESIGNATED FOR CONFIRMATION SAMPLING IMPACTED SOILS SHALL NO LONGER BE TRANSPORTED THROUGH THAT SAMPLING UNIT.
6. CLEAN BACKFILL FROM THE REPOSITORY CAN BE STOCKPILED ADJACENT TO SAMPLING UNITS OUTSIDE THE LIMITS OF EXCAVATION IN LOCATIONS APPROVED BY THE ENGINEER.

**LEGEND**

- 73 SAMPLE UNIT ID
- 0.39 AREA (ACRES)

UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)
1	0.27	59	0.25	117	0.30
2	0.24	60	0.21	118	0.35
3	0.30	61	0.31	119	0.35
4	0.31	62	0.23	120	0.24
5	0.25	63	0.18	121	0.31
6	0.30	64	0.20	122	0.22
7	0.25	65	0.26	123	0.16
8	0.25	66	0.30	124	0.34
9	0.25	67	0.24	125	0.21
10	0.36	68	0.21	126	0.31
11	0.31	69	0.28	127	0.25
12	0.25	70	0.36	128	0.26
13	0.29	71	0.21	129	0.26
14	0.28	72	0.30	130	0.26
15	0.20	73	0.39	131	0.38
16	0.23	74	0.27	132	0.24
17	0.37	75	0.28	133	0.34
18	0.21	76	0.25	134	0.27
19	0.37	77	0.16	135	0.27
20	0.25	78	0.23	136	0.28
21	0.31	79	0.27	137	0.27
22	0.22	80	0.31	138	0.13
23	0.32	81	0.28	139	0.25
24	0.29	82	0.26	140	0.34
25	0.29	83	0.20	141	0.25
26	0.27	84	0.31	142	0.27
27	0.30	85	0.24	143	0.32
28	0.25	86	0.27	144	0.24
29	0.34	87	0.32	145	0.24
30	0.32	88	0.21	146	0.23
31	0.24	89	0.24	TOTAL	39.42
32	0.31	90	0.23		
33	0.23	91	0.25		
34	0.28	92	0.24		
35	0.27	93	0.26		
36	0.25	94	0.23		
37	0.25	95	0.28		
38	0.26	96	0.30		
39	0.25	97	0.16		
40	0.36	98	0.27		
41	0.32	99	0.30		
42	0.32	100	0.27		
43	0.33	101	0.13		
44	0.30	102	0.22		
45	0.25	103	0.33		
46	0.33	104	0.28		
47	0.27	105	0.27		
48	0.27	106	0.25		
49	0.20	107	0.13		
50	0.36	108	0.27		
51	0.37	109	0.26		
52	0.23	110	0.28		
53	0.26	111	0.32		
54	0.27	112	0.19		
55	0.26	113	0.32		
56	0.26	114	0.26		
57	0.33	115	0.32		
58	0.26	116	0.29		

LWP  
6 March 2025



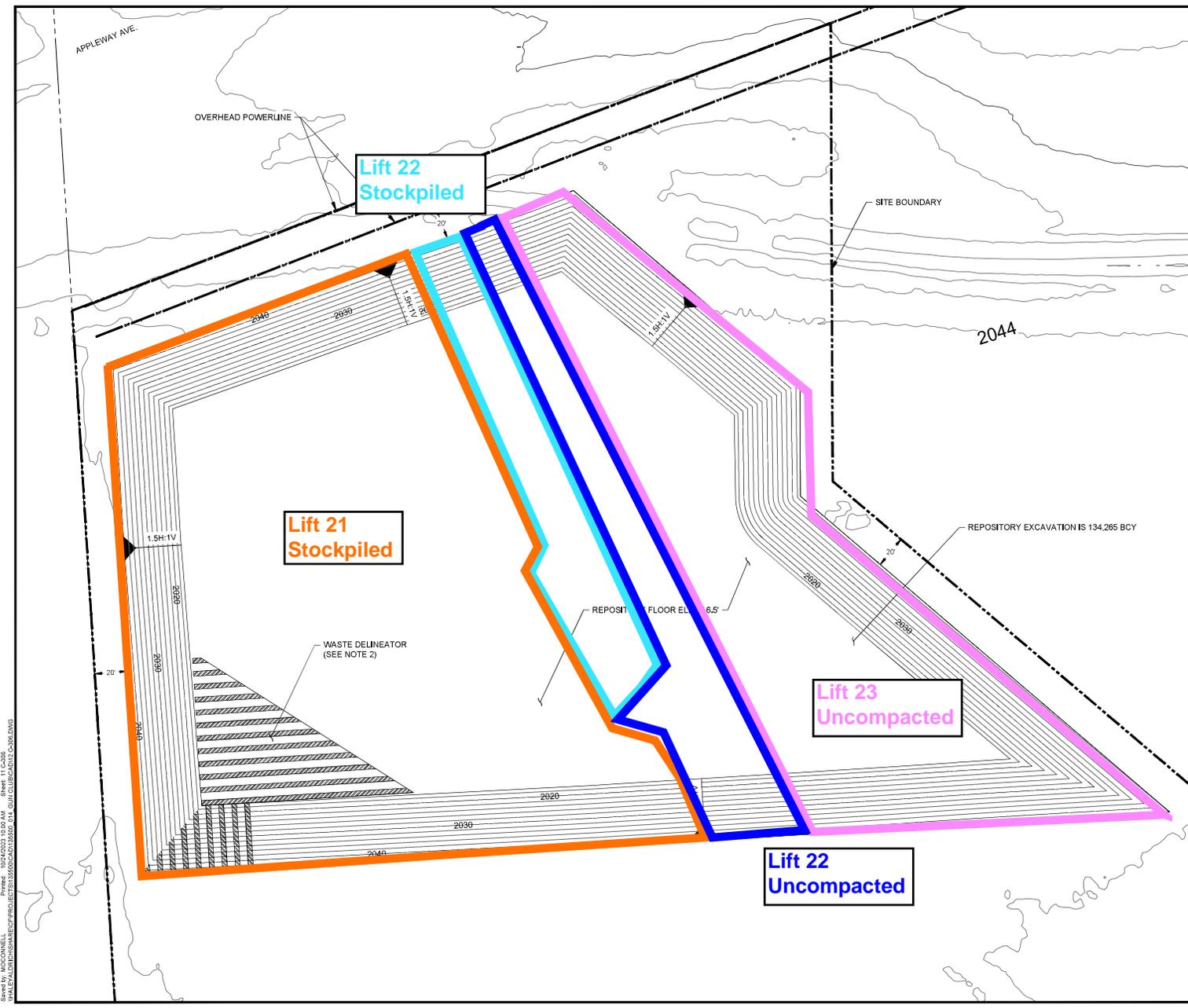
Saved by: MCCANNELL  
 Date: 10/24/2023 9:59 AM  
 Sheet: 07 of 21  
 PROJECT: 15155000 CAD133206\_014\_GUN CLUB CLEANUP C-302.DWG

Project No.:	202349-001
Scale:	SHOWN
Date:	10/17/2023
Drawn By:	ZS/MO
Designed By:	BD
Checked By:	KH
Approved By:	JH/KH
Stamp:	

1	ISSUED FOR ECOLOGY	BD	05/18/23
0	ISSUED FOR BID	BD	10/18/23
Rev.	Description	By	Date

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE. #9656  
SPOKANE VALLEY,  
WASHINGTON

**CONFIRMATION SAMPLING PLAN**



**NOTES**

1. PRIOR TO EXCAVATION TOPSOIL SHALL BE STRIPPED AND STOCKPILED.
2. A VISUAL REFERENCE FOR THE DELINEATION BETWEEN NATIVE SOIL AND MATERIAL PLACED IN THE REPOSITORY IS REQUIRED. REFERRED TO HEREIN AS A WASTE DELINEATOR.
3. ORANGE SILT FENCE IN ROLLS 5 FEET WIDE (OR AND APPROVED EQUAL) IS REQUIRED TO BE PLACED 8 FEET O.C. WITH A SPACING BETWEEN THE FABRIC OF 5 FEET IN THE BOTTOM AND ALONG THE CUT SLOPES OF THE REPOSITORY AS A WASTE DELINEATOR.
4. THE ORIENTATION OF THE WASTE DELINEATOR CAN VARY ACROSS THE BOTTOM OF THE REPOSITORY EXCAVATION AS APPROVED BY THE ENGINEER.
5. IMPACTED SOILS SHALL BE PLACED IN THE REPOSITORY IN HORIZONTAL LIFTS NOT TO EXCEED 1.5 FEET IN TOTAL THICKNESS AND COMPACTED TO AT LEAST 90% PER MODIFIED PROCTOR ASTM D 1557/ANSI TO 1.180.
6. CONCRETE AND OTHER DEMOLITION DEBRIS APPROVED BY THE ENGINEER SHALL BE PLACED 10 OR MORE FEET BELOW THE LINER.
7. CONTRACTOR SHALL STOCKPILE BOULDERS WITH GREATEST DIMENSIONS LARGER THAN 24 INCHES IN THE STOCKPILE LOCATION SHOWN ON SHEET C-301 OR AS APPROVED BY THE ENGINEER.
8. WHEN PLACING BOULDERS OR COBBLES DO NOT NEST THEM SUCH THAT VOIDS ARE CREATED. BOULDERS AND COBBLES SHALL BE SPREAD OUT UNIFORMLY SO SOIL FILLS AROUND THEM.
9. PLACEMENT OF OVERSEED MATERIALS (12 - 24 INCHES SHALL ALLOW COMPACTION EQUIPMENT TO COMPACT AROUND THE SIDES WITHOUT BEING IN CONTACT WITH NEARBY OVERSIZE MATERIAL THAT PRECLUDES UNIFORM COMPACTION.
10. CONCRETE BROKEN INTO PIECES 12 TO 24 INCHES SHALL BE TREATED THE SAME AS OVERSIZE MATERIAL.
11. CONCRETE SLABS CAN BE INCORPORATED INTO FILL WITHOUT PROCESSING IF THEY ARE PLACED ON A LEVEL SURFACE (E.G. NOT DUMPED), SUCH THAT THEY ARE FIRMLY SEATED AND BACKFILLED WITH SAND AND GRAVEL. CONCRETE SLABS SHALL NOT BE STACKED NESTED OR OTHERWISE PLACED SUCH THAT VOIDS ARE CREATED.
12. CONTRACTOR SHALL PROVIDE AN EXCAVATION PLAN WHICH INCLUDES BOTH THE REPOSITORY EXCAVATION AND BACKFILLING AND THE EXCAVATION OF IMPACTED SOILS.



HALEY & ALDRICH  
505 W. RIVERSIDE AVE, SUITE 205  
SPOKANE, WA 99201  
TEL: 509.363.7447  
WWW.HALEYALDRICH.COM

Project No.	202349-001
Scale	SHOWN
Date	10/17/2023
Drawn By	ZSM/ty
Designed By	BD
Checked By	KH
Approved By	JHK/KL
Stamp	



1	ISSUED FOR ECOLOGY	BD	05/16/23
0	ISSUED FOR BE	BD	10/16/23
Rev.	Description	By	Date

**LWP**  
**6 March 2025**



CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE, #9656  
SPOKANE VALLEY,  
WASHINGTON

REPOSITORY  
SUBGRADE  
EXCAVATION PLAN  
**C-306**  
Sheet 11 of 21


 Facility  
 1820 ...ham Road  
 MediWASTE MANAGEMENT 9022

Reprint  
 Ticket# 743362  
 Ph: (509)244-0151

Customer Name HALMECONS INC HALME CONST Carrier HALME HALME CONSTRUCTION  
 Ticket Date 03/06/2025 Vehicle# RICK  
 Payment Type Credit Account Container  
 Manual Ticket# Driver RICK  
 Route Check#  
 Hauling Ticket# Billing# 0000084  
 Destination Grid  
 Manifest 119570WA  
 Profile 119570WA (LF01: RESSEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
 Generator CVSD GUN-19615 CVSD GUN GILS 19615 E SPRAGUE AVE LIBERTY LAKE  
 PO# 119570WA

Time	Scale	Operator	Inbound	Gross	103780 lb
In 03/06/2025 10:50:34	Scale1	amahurin		Tare	46180 lb
Out 03/06/2025 11:02:39	Scale1	amahurin		Net	57600 lb
				Tons	28.80

Comments

Product	UOM	Qty	JOM	Rate	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons-	100	28.80	Tons				SPOKANE
2 ENERGY-Energy Surcharge	100						SPOKANE
3 WWM-P-Waste Water Manag	100						SPOKANE
4 SRHD1-Spokane Regional	100	28.80	Tons				SPOKANE

Total Tax/Fees  
 Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

**WASTE MANAGEMENT**  
 Grant Facility  
 1820 ...ham Road  
 Medi... 9022

Reprint  
 Ticket# 713382  
 Ph: (509)244-0151

Customer Name HALMECONSINC HALME CONST Carrier HALME HALME CONSTRUCTION  
 Ticket Date 03/06/2025 Vehicle# RICK  
 Payment Type Credit Account Container  
 Manual Ticket# Driver RICK  
 Route Check#  
 Hauling Ticket# Billing# 0000084  
 Destination Grid  
 Manifest 119570WA  
 Profile 119570WA (LF01: HUSK, FUEL, IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
 Generator CVSD GUN-19615 CVSD GUN CLUB 19615 E SPRAGLE AVE LIBERTY LAKE  
 PO# 119570WA

Time	Scale	Operator	Inbound	Gross	
In 03/06/2025 12:28:43	Scale1	amahurin		96400 lb	
Out 03/06/2025 12:40:42	Scale1	amahurin		Tare 46060 lb	
				Net 50340 lb	
				Tons 25.17	

Comments

Product	UOM	Qty	UOM	Rate	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons-	100	25.17	Tons				SPOKANE
2 ENERGY-Energy Surcharge	100						SPOKANE
3 WWM-P-Waste Water Manag	100						SPOKANE
4 SRBD1-Spokane Regional	100	25.17	Tons				SPOKANE

Total Tax/Fees  
 Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

**W**  
 Waste Management  
 Facility  
 1820 ... Road  
 Medi... 9022

Reprint  
 Ticket# 743399  
 Ph: (509)244-0151

Customer Name HALMECONSINC HALME CONST Carrier HALME HALME CONSTRUCTION  
 Ticket Date 03/06/2025 Vehicle# RICK  
 Payment Type Credit Account Container  
 Manual Ticket# Driver RICK  
 Route Check#  
 Hauling Ticket# Billing# C000084  
 Destination Grid  
 Manifest 119570WA  
 Profile 119570WA (LF01: DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
 Generator CVSD GUN-19615 CVSD GUN CLUB 19615 E SPRAGUE AVE LIBERTY LAKE  
 PO# 119570WA

Time	Scale	Operator	Inbound	Gross	
In 03/06/2025 14:09:50	Scale1	amanurin		100740	lb
Out 03/06/2025 14:20:49	Scale1	amanurin		Tare	46000 lb
				Net	54740 lb
				Toss	27.12

Comments

#	Product	Rate	Qty	UOM	Tax/Fee	Amount	Origin
1	Spwaste Solid Oth-Tons-	100	27.12	Tons			SPOKANE
2	ENERGY-Energy Surcharge	100					SPOKANE
3	WWM-P-Waste Water Manag	100					SPOKANE
4	SRHD1-Spokane Regional	100	27.12	Tons			SPOKANE

Total Tax/Fees  
 Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	74
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	7 March 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 3
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Overcast	<b>Temperature</b>	32-45°F

**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: Haley & Aldrich, Inc. (Haley & Aldrich) observed Halme preparing Units 40 and 45 for confirmation sampling today. Halme prepared these Units by utilizing a dozer to scrape the required over-excavation depth and push contaminated material to the western border of Unit 40. This material was loaded directly into haul trucks by an excavator for transportation into the repository. Halme partially excavated confirmed contaminated sampling Units within the area described as the 7-foot cut.

Excavation of the Underground Storage Tank (UST) cleanup area continued today. Clean limits were not found today within the excavation. PID readings were collected today from exported contaminated soil and recorded in the attached table below

<b>Table 1. UST Screening</b>	
<b>Depth of Excavation (feet)</b>	<b>Max PID Reading (ppm)</b>
21	97.0
23	94.1
25	118.1
27	121.8
28	187.2

- b. Contaminated Soil Disposal: Five contaminated tractor trailer loads of contaminated material were removed from the Site today and transported to the Waste Management Graham Road Landfill in Airway Heights, Washington.
- c. Confirmation Sampling: A total of two confirmation Units were sampled today (Units 40 and 45), with each Unit being divided into four Quadrants. A discrete sample was collected from the approximate center of each Quadrant, resulting in four samples per confirmation sampling Unit. Samples collected were transported to Eurofins Environment Testing, LLC today (7 March 2025) by Haley & Aldrich. Chain of Custody (COC) form is attached.
- d. Backfill: Haley & Aldrich observed backfilling and conducted compaction testing of Lift No. 21 on the western portion of the repository. Compaction testing was conducted for Lift No. 23 on the eastern portion of the repository. The fill material used for the above-described Lift No. 21 was sourced from over-excavated Units.

**II. DUST MONITORING:**

Dust Monitors (DMs) with telemetry capabilities were deployed in advance of excavation and backfill today and operated from 07:15 to 18:00. Samsara DM 47181 was positioned downwind of Site work and DM 49913 was positioned upwind of Site work. The relative humidity in the morning was approximately 87 percent and the wind was from the southwest to the northeast.

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	74
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	7 March 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	2 of 3
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Overcast	<b>Temperature</b>	32-45°F

Dust levels did not exceed the threshold of 2.5 milligrams per cubic meter (mg/m<sup>3</sup>) total particulates nor the threshold of 0.025 mg/m<sup>3</sup> PM<sub>10</sub> 120-minute rolling average at the downwind property boundary. Site observations indicated that dust was well-controlled. Dust monitoring data is attached.

**III. COMPACTION TESTING:**

The Troxler E-Gauge 4590 was the only equipment used for compaction testing, with a density greater than or equal to 90 percent of the 134.0 pounds per square foot (lbs./ft<sup>3</sup>) proctor indicating adequate compaction. Areas demonstrating non-compliance due to inadequate compaction were recompacted based on Haley & Aldrich instruction.

The following compaction tests were performed today with the E-Gauge:

Table 2. E-Gauge Compaction Test Results							
Test No.	%Proctor	Dry Density (pcf)	Wet Density (pcf)	% Moisture	Moisture	Test Pass/Fail	Retest for test No.
23/1	89.7	120.2	124.3	4.1	3.4	F	
23/2	91.6	122.8	128.2	5.4	4.4	P	23/1
23/3	95.9	128.5	134.8	6.3	4.9	P	
23/4	92.4	123.8	129.2	5.4	4.9	P	
23/5	82.0	109.8	113.7	3.9	3.6	F	
22/1	90.3	121	123.5	2.5	2.1	P	
22/2	98.5	132	135.7	3.8	2.9	P	
22/3	95.4	127.9	131.1	3.2	2.5	P	
22/4	93.3	125	129.2	4.3	3.4	P	
23/6	96.4	129.1	135.5	6.4	4.9	P	23/5
23/7	83.4	11.7	115.9	4.1	3.7	F	
21/1	105.1	140.8	147	6.2	4.4	P	
21/2	102.4	137.2	142.1	4.9	3.6	P	
21/3	96.7	129.6	133.6	4.0	3.1	P	
21/4	97.5	130.6	134.9	4.3	3.3	P	
21/5	100.5	134.7	138	3.4	2.5	P	
21/6	94.2	126.2	131	4.8	3.8	P	
21/7	94.6	126.7	130.1	3.4	2.7	P	
21/8	96.8	129.7	132.8	3.1	2.4	P	
12/8	11.2	134.2	140.8	6.5	4.9	P	
23/9	90.1	120.8	120.8	4.4	3.6	P	23/7

Compaction testing today resulted in 18 passed tests and 3 failed tests. All areas that failed compaction testing were recompacted by Halme under Haley & Aldrich's instruction and retested, resulting in passing compaction test values.

**DAILY FIELD REPORT**

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<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	74
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	7 March 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	3 of 3
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Overcast	<b>Temperature</b>	32-45°F

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<u>Field Representative(s)</u>	<u>Time on Site</u>	<u>Report/Travel/Other</u>	<u>Total</u>
Cameron Luckey	9 hours	2 hours	11 hours

**Distribution:**

CVSD; Attn: Jay Rowell  
OAC Services, Inc.; Attn: Jeff Jurgensen

**Attachments:**

Attachment A – Photo Log  
Attachment B – Dust Data  
Attachment C – Chain of Custody (COC)  
Attachment D – Excavation Markup  
Attachment E – Repository Markup  
Attachment F – Waste Management Disposal Tickets



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Haley & Aldrich, Inc.

[https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/03 - March/03\\_07\\_25\\_CAL\\_DFR\\_74/03\\_07\\_25\\_CAL\\_DFR.docx](https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/03 - March/03_07_25_CAL_DFR_74/03_07_25_CAL_DFR.docx)



Photo 01. Compaction testing of the western portion within the repository (view looking northwest).



Photo 02. Eastern portion of the repository compacted and tested (view looking northwest).

**Site Photographs – 07 March 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA



**Attachment A**



Photo 03. Contaminated material stored on contaminated units within the area described as the 7-foot cut (view looking southeast).



Photo 04. Over excavation progress of northern Units including Units 40 and 45 (view looking southeast).

**Site Photographs – 07 March 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA

**HALEY  
ALDRICH**

**Attachment A**

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
<b>Upwind</b>								
Modem 49913	3/7/2025 17:50	3/7/2025 18:00	0	0	0	0	0	0
Modem 49913	3/7/2025 17:40	3/7/2025 17:50	0	0	0	0	0	0
Modem 49913	3/7/2025 17:30	3/7/2025 17:40	0	0	0	0	0	0
Modem 49913	3/7/2025 17:20	3/7/2025 17:30	0	0	0	0	0	0
Modem 49913	3/7/2025 17:10	3/7/2025 17:20	0	0	0	0	0	0
Modem 49913	3/7/2025 17:00	3/7/2025 17:10	0	0	0	0	0	0
Modem 49913	3/7/2025 16:50	3/7/2025 17:00	0	0	0	0	0	0
Modem 49913	3/7/2025 16:40	3/7/2025 16:50	0	0	0	0	0	0
Modem 49913	3/7/2025 16:30	3/7/2025 16:40	0	0	0	0	0	0
Modem 49913	3/7/2025 16:20	3/7/2025 16:30	0	0	0	0	0	0
Modem 49913	3/7/2025 16:10	3/7/2025 16:20	0	0	0	0	0	0
Modem 49913	3/7/2025 16:00	3/7/2025 16:10	0	0	0	0	0	0
Modem 49913	3/7/2025 15:50	3/7/2025 16:00	0	0	0	0	0	0
Modem 49913	3/7/2025 15:40	3/7/2025 15:50	0	0	0	0	0	0
Modem 49913	3/7/2025 15:30	3/7/2025 15:40	0	0	0	0	0	0
Modem 49913	3/7/2025 15:20	3/7/2025 15:30	0	0	0	0	0	0
Modem 49913	3/7/2025 15:10	3/7/2025 15:20	0	0	0	0	0	0
Modem 49913	3/7/2025 15:00	3/7/2025 15:10	0	0	0	0	0	0
Modem 49913	3/7/2025 14:50	3/7/2025 15:00	0	0	0	0	0	0
Modem 49913	3/7/2025 14:40	3/7/2025 14:50	0	0	0	0	0	0
Modem 49913	3/7/2025 14:30	3/7/2025 14:40	0	0	0	0	0	0
Modem 49913	3/7/2025 14:20	3/7/2025 14:30	0	0	0	0	0	0
Modem 49913	3/7/2025 14:10	3/7/2025 14:20	0	0	0	0	0	0
Modem 49913	3/7/2025 14:00	3/7/2025 14:10	0	0	0	0	0	0
Modem 49913	3/7/2025 13:50	3/7/2025 14:00	0	0	0	0	0	0
Modem 49913	3/7/2025 13:40	3/7/2025 13:50	0	0	0	0	0	0
Modem 49913	3/7/2025 13:30	3/7/2025 13:40	0	0	0	0	0	0
Modem 49913	3/7/2025 13:20	3/7/2025 13:30	0	0	0	0	0	0.007
Modem 49913	3/7/2025 13:10	3/7/2025 13:20	0	0	0	0	0	0.0085
Modem 49913	3/7/2025 13:00	3/7/2025 13:10	0	0	0	0	0	0.0105
Modem 49913	3/7/2025 12:50	3/7/2025 13:00	0	0	0	0	0	0.011
Modem 49913	3/7/2025 12:40	3/7/2025 12:50	0	0	0	0	0	0.0105
Modem 49913	3/7/2025 12:30	3/7/2025 12:40	0	0	0	0	0	0.011
Modem 49913	3/7/2025 12:20	3/7/2025 12:30	0	0	0	0	0	
Modem 49913	3/7/2025 12:10	3/7/2025 12:20	0	0	0	0	0	
Modem 49913	3/7/2025 12:00	3/7/2025 12:10	0	0	0	0	0	
Modem 49913	3/7/2025 11:50	3/7/2025 12:00	0	0	0	0	0	
Modem 49913	3/7/2025 11:40	3/7/2025 11:50	0	0	0	0	0	
Modem 49913	3/7/2025 11:30	3/7/2025 11:40	0	0	0	0	0	
Modem 49913	3/7/2025 11:20	3/7/2025 11:30	0.012	0.013	0.013	0.014	0.014	
Modem 49913	3/7/2025 11:10	3/7/2025 11:20	0.015	0.015	0.016	0.017	0.017	
Modem 49913	3/7/2025 11:00	3/7/2025 11:10	0.019	0.019	0.02	0.021	0.021	

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
Modem 49913	3/7/2025 10:50	3/7/2025 11:00	0.02	0.02	0.02	0.022	0.022	
Modem 49913	3/7/2025 10:40	3/7/2025 10:50	0.019	0.019	0.02	0.02	0.021	
Modem 49913	3/7/2025 10:30	3/7/2025 10:40	0.02	0.021	0.021	0.022	0.022	
<b>Downwind</b>								
Modem 47181	3/7/2025 17:50	3/7/2025 18:00	0.001	0.002	0.002	0.002	0.002	0.002
Modem 47181	3/7/2025 17:40	3/7/2025 17:50	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	3/7/2025 17:30	3/7/2025 17:40	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	3/7/2025 17:20	3/7/2025 17:30	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	3/7/2025 17:10	3/7/2025 17:20	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	3/7/2025 17:00	3/7/2025 17:10	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	3/7/2025 16:50	3/7/2025 17:00	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	3/7/2025 16:40	3/7/2025 16:50	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	3/7/2025 16:20	3/7/2025 16:30	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	3/7/2025 16:10	3/7/2025 16:20	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	3/7/2025 16:00	3/7/2025 16:10	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	3/7/2025 15:40	3/7/2025 15:50	0.001	0.001	0.001	0.002	0.002	0.002
Modem 47181	3/7/2025 15:20	3/7/2025 15:30	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	3/7/2025 15:10	3/7/2025 15:20	0.001	0.001	0.002	0.002	0.002	0.002
Modem 47181	3/7/2025 15:00	3/7/2025 15:10	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	3/7/2025 14:50	3/7/2025 15:00	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	3/7/2025 14:40	3/7/2025 14:50	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	3/7/2025 14:30	3/7/2025 14:40	0.002	0.002	0.002	0.002	0.002	0.002
Modem 47181	3/7/2025 14:20	3/7/2025 14:30	0.001	0.001	0.002	0.002	0.002	0.002
Modem 47181	3/7/2025 14:10	3/7/2025 14:20	0.002	0.002	0.002	0.002	0.002	0.0025
Modem 47181	3/7/2025 14:00	3/7/2025 14:10	0.002	0.002	0.002	0.002	0.002	0.0025
Modem 47181	3/7/2025 13:40	3/7/2025 13:50	0.002	0.002	0.002	0.002	0.002	0.0025
Modem 47181	3/7/2025 13:30	3/7/2025 13:40	0.002	0.002	0.002	0.002	0.002	0.003
Modem 47181	3/7/2025 13:20	3/7/2025 13:30	0.002	0.002	0.002	0.002	0.002	0.0045
Modem 47181	3/7/2025 13:00	3/7/2025 13:10	0.002	0.002	0.002	0.002	0.002	0.0045
Modem 47181	3/7/2025 12:00	3/7/2025 12:10	0.001	0.001	0.002	0.002	0.002	0.008
Modem 47181	3/7/2025 11:50	3/7/2025 12:00	0.002	0.002	0.002	0.002	0.002	0.009
Modem 47181	3/7/2025 11:40	3/7/2025 11:50	0.002	0.002	0.002	0.002	0.002	0.0095
Modem 47181	3/7/2025 11:30	3/7/2025 11:40	0.002	0.002	0.002	0.002	0.002	0.0105
Modem 47181	3/7/2025 15:50	3/7/2025 16:00	0.002	0.002	0.002	0.003	0.003	0.012
Modem 47181	3/7/2025 13:50	3/7/2025 14:00	0.002	0.002	0.002	0.002	0.003	0.012
Modem 47181	3/7/2025 13:10	3/7/2025 13:20	0.003	0.003	0.003	0.003	0.003	0.012
Modem 47181	3/7/2025 16:30	3/7/2025 16:40	0.004	0.004	0.004	0.004	0.004	0.013
Modem 47181	3/7/2025 15:30	3/7/2025 15:40	0.004	0.004	0.005	0.007	0.007	0.0145
Modem 47181	3/7/2025 11:20	3/7/2025 11:30	0.006	0.007	0.007	0.007	0.007	0.015
Modem 49913	3/7/2025 11:20	3/7/2025 11:30	0.012	0.013	0.013	0.014	0.014	0.0185
Modem 47181	3/7/2025 11:10	3/7/2025 11:20	0.015	0.015	0.015	0.016	0.016	
Modem 49913	3/7/2025 11:10	3/7/2025 11:20	0.015	0.015	0.016	0.017	0.017	
Modem 47181	3/7/2025 11:00	3/7/2025 11:10	0.017	0.017	0.018	0.019	0.019	

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
Modem 47181	3/7/2025 10:50	3/7/2025 11:00	0.019	0.02	0.02	0.021	0.021	
Modem 49913	3/7/2025 11:00	3/7/2025 11:10	0.019	0.019	0.02	0.021	0.021	
Modem 49913	3/7/2025 10:40	3/7/2025 10:50	0.019	0.019	0.02	0.02	0.021	
Modem 49913	3/7/2025 10:50	3/7/2025 11:00	0.02	0.02	0.02	0.022	0.022	
Modem 49913	3/7/2025 10:30	3/7/2025 10:40	0.02	0.021	0.021	0.022	0.022	
Modem 47181	3/7/2025 10:40	3/7/2025 10:50	0.02	0.02	0.021	0.022	0.023	
Modem 47181	3/7/2025 10:30	3/7/2025 10:40	0.021	0.021	0.022	0.023	0.023	





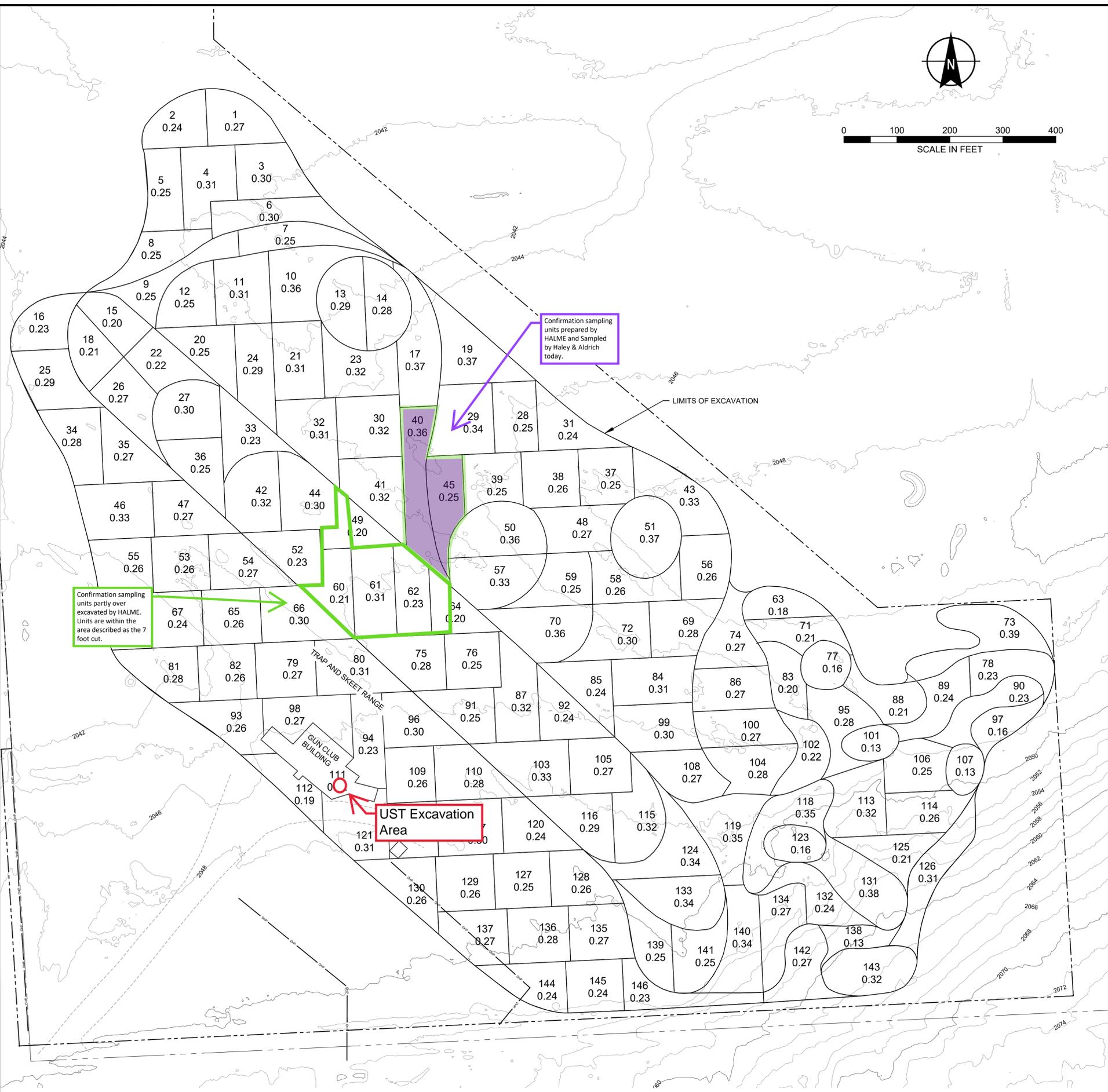
**NOTES**

1. CONTRACTOR IS RESPONSIBLE FOR SURVEYING AND DELINEATING THE LIMITS OF THE SAMPLE UNITS SHOWN, AS NECESSARY TO COMPLETE THE WORK.
2. CONTRACTOR SHALL NOT BACKFILL WITHIN THE LIMITS OF ANY INDIVIDUAL SAMPLING UNTIL RECEIVING APPROVAL BY THE ENGINEER.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR CONFIRMATION SAMPLING AT LEAST 2 WORKING DAYS IN ADVANCE FOR EACH SAMPLING UNIT.
4. ALLOW UP TO 5 DAYS FOR THE ENGINEER TO COLLECT CONFIRMATION SAMPLES FOLLOWING IMPACTED SOIL EXCAVATION AND 10 TO 15 DAYS FOR ANALYTICAL RESULTS. CONFIRMATION SAMPLING RESULTS ARE EXPECTED TO TAKE BETWEEN 10 AND 15 DAYS, POSSIBLY LONGER. THE EXACT NUMBER OF DAYS REQUIRED WILL NOT BE KNOWN UNTIL THE FIRST SAMPLES ARE PROCESSED AND COULD VARY BETWEEN SAMPLING UNITS DEPENDING ON SHIPPING AND MOISTURE CONTENT. THE CONTRACTOR SHALL PLAN THE WORK ACCORDINGLY.
5. ONCE A SAMPLING UNIT IS DESIGNATED FOR CONFIRMATION SAMPLING IMPACTED SOILS SHALL NO LONGER BE TRANSPORTED THROUGH THAT SAMPLING UNIT.
6. CLEAN BACKFILL FROM THE REPOSITORY CAN BE STOCKPILED ADJACENT TO SAMPLING UNITS OUTSIDE THE LIMITS OF EXCAVATION IN LOCATIONS APPROVED BY THE ENGINEER.

**LEGEND**

- 73 SAMPLE UNIT ID
- 0.39 AREA (ACRES)

UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)
1	0.27	59	0.25	117	0.30
2	0.24	60	0.21	118	0.35
3	0.30	61	0.31	119	0.35
4	0.31	62	0.23	120	0.24
5	0.25	63	0.18	121	0.31
6	0.30	64	0.20	122	0.22
7	0.25	65	0.26	123	0.16
8	0.25	66	0.30	124	0.34
9	0.25	67	0.24	125	0.21
10	0.36	68	0.21	126	0.31
11	0.31	69	0.28	127	0.25
12	0.25	70	0.36	128	0.26
13	0.29	71	0.21	129	0.26
14	0.28	72	0.30	130	0.26
15	0.20	73	0.39	131	0.38
16	0.23	74	0.27	132	0.24
17	0.37	75	0.28	133	0.34
18	0.21	76	0.25	134	0.27
19	0.37	77	0.16	135	0.27
20	0.25	78	0.23	136	0.28
21	0.31	79	0.27	137	0.27
22	0.22	80	0.31	138	0.13
23	0.32	81	0.31	139	0.25
24	0.29	82	0.26	140	0.34
25	0.29	83	0.20	141	0.25
26	0.27	84	0.31	142	0.27
27	0.30	85	0.24	143	0.32
28	0.25	86	0.27	144	0.24
29	0.34	87	0.32	145	0.24
30	0.32	88	0.21	146	0.23
31	0.24	89	0.24	TOTAL	39.42
32	0.31	90	0.23		
33	0.23	91	0.25		
34	0.28	92	0.24		
35	0.27	93	0.26		
36	0.25	94	0.23		
37	0.25	95	0.28		
38	0.26	96	0.30		
39	0.25	97	0.16		
40	0.36	98	0.27		
41	0.32	99	0.30		
42	0.32	100	0.27		
43	0.33	101	0.13		
44	0.30	102	0.22		
45	0.25	103	0.33		
46	0.33	104	0.28		
47	0.27	105	0.27		
48	0.27	106	0.25		
49	0.20	107	0.13		
50	0.36	108	0.27		
51	0.37	109	0.26		
52	0.23	110	0.28		
53	0.26	111	0.32		
54	0.27	112	0.19		
55	0.26	113	0.32		
56	0.26	114	0.26		
57	0.33	115	0.32		
58	0.26	116	0.29		



**CAL**  
7 March 2025

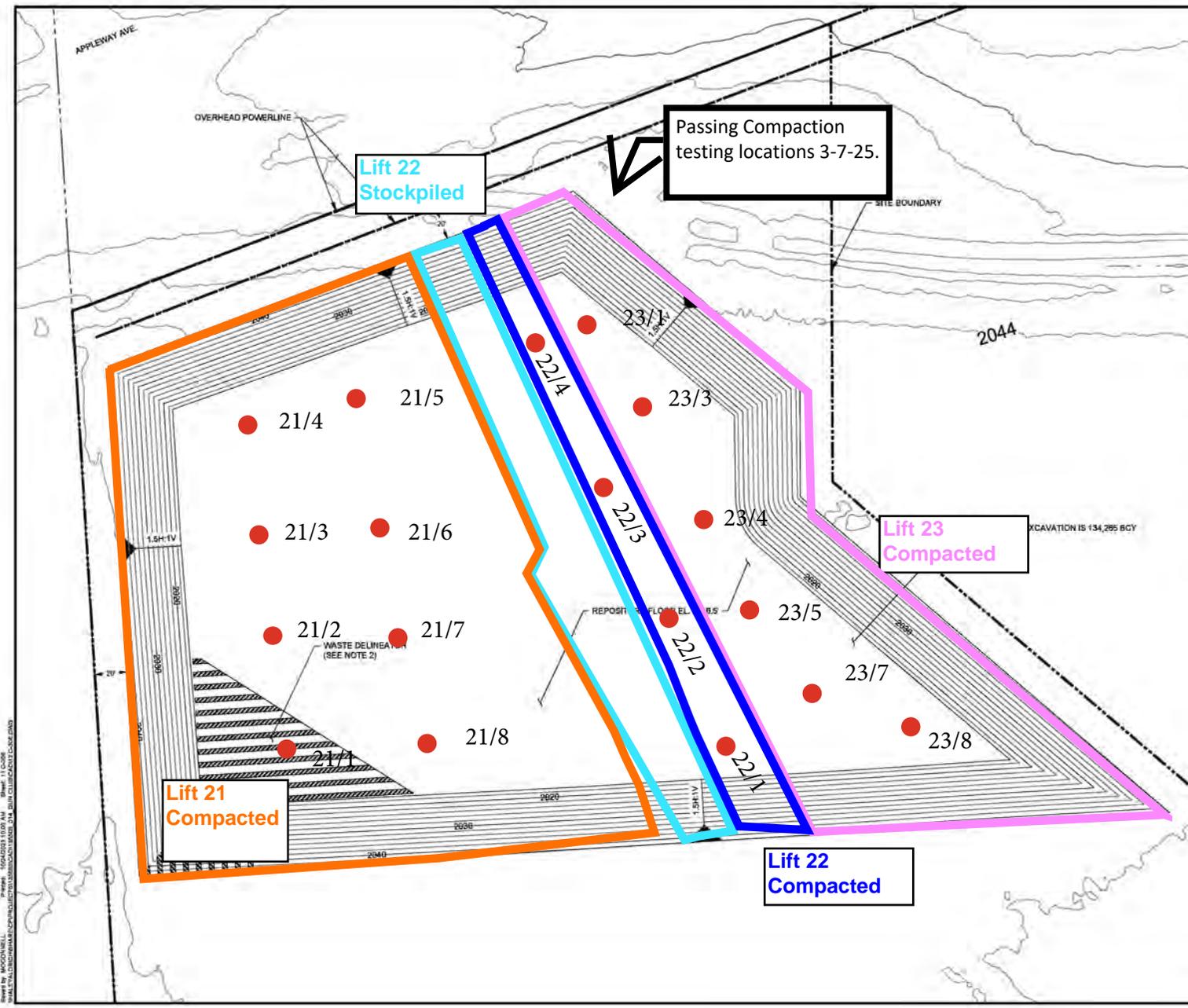
Project No.:	202349-001
Scale:	SHOWN
Date:	10/17/2023
Drawn By:	ZS/MO
Designed By:	BD
Checked By:	KH
Approved By:	JH/KH
Stamp:	

1	ISSUED FOR ECOLOGY	BD	05/18/23
0	ISSUED FOR BID	BD	10/18/23
Rev.	Description	By	Date

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE. #9656  
SPOKANE VALLEY,  
WASHINGTON

**CONFIRMATION  
SAMPLING PLAN**

**C-302**



**NOTES**

1. PRIOR TO EXCAVATION TOPSOIL SHALL BE STRIPPED AND STOCKPILED.
2. A VISUAL REFERENCE FOR THE DELINEATION BETWEEN NATIVE SOIL AND MATERIAL PLACED IN THE REPOSITORY IS REQUIRED. REFERRED TO HEREIN AS A WASTE DELINEATOR.
3. ORANGE SILT FENCE IN ROLLS 3 FEET WIDE (OR APPROVED EQUAL) IS REQUIRED TO BE PLACED 8 FEET O.C. WITH A SPACING BETWEEN THE FABRIC OF 3 FEET IN THE BOTTOM AND ALONG THE CUT SLOPES OF THE REPOSITORY AS A WASTE DELINEATOR.
4. THE ORIENTATION OF THE WASTE DELINEATOR CAN VARY ACROSS THE BOTTOM OF THE REPOSITORY EXCAVATION AS APPROVED BY THE ENGINEER.
5. IMPACTED SOILS SHALL BE PLACED IN THE REPOSITORY IN HORIZONTAL LIFTS NOT TO EXCEED 1.5 FEET IN TOTAL THICKNESS AND COMPACTED TO AT LEAST 90% PER MOOPED PROCTOR ASTM D 1557 (MASHED TO 1 IN).
6. CONCRETE AND OTHER DEMOLITION DEBRIS APPROVED BY THE ENGINEER SHALL BE PLACED 10 OR MORE FEET BELOW THE LINER.
7. CONTRACTOR SHALL STOCKPILE BOULDER WITH GREATEST DIMENSIONS LARGER THAN 24 INCHES IN THE STOCKPILE LOCATION SHOWN ON SHEET C-303 OR AS APPROVED BY THE ENGINEER.
8. WHEN PLACING BOULDERS OR COMBLES DO NOT NEST THEM SUCH THAT VOIDS ARE CREATED. BOULDERS AND COMBLES SHALL BE SPREAD OUT UNIFORMLY SO SOIL FILLS AROUND THEM.
9. PLACEMENT OF OVERSIZE MATERIALS (12-24 INCHES) SHALL ALLOW COMPACTION EQUIPMENT TO COMPACT AROUND THE SIDES WITHOUT BEING IN CONTACT WITH HEAVY OVERSIZE MATERIAL THAT PRECLUDES UNIFORM COMPACTION.
10. CONCRETE BROKEN INTO PIECES 12 TO 24 INCHES SHALL BE TREATED THE SAME AS OVERSIZE MATERIAL.
11. CONCRETE SLABS CAN BE INCORPORATED INTO FILL WITHOUT PROCESSING IF THEY ARE PLACED ON A LEVEL SURFACE (E.G. NOT CLUMPED) SUCH THAT THEY ARE FIRMLY SEATED AND BACKFILLED WITH SAND AND GRAVEL. CONCRETE SLABS SHALL NOT BE STACKED NESTED OR OTHERWISE PLACED SUCH THAT VOIDS ARE CREATED.
12. CONTRACTOR SHALL PROVIDE AN EXCAVATION PLAN WHICH INCLUDES BOTH THE REPOSITORY EXCAVATION AND BACKFILLING AND THE EXCAVATION OF IMPACTED SOILS.

**HALEY ALDRICH**  
 HALEY & ALDRICH  
 505 W RIVERSIDE AVE. SUITE 205  
 SPOKANE, WA 99201  
 TEL. 800.960.7447  
 WWW.HALEYALDRICH.COM

Project No.	20234001
Scale	SHOWN
Date	10/17/2023
Drawn by	ZS/MG
Designed by	BC
Checked by	KH
Approved by	JPH/AL
Client	



1	ISSUED FOR GEOLOGY	BD	05/6/23
2	PROBES FOR BLS	BD	12/6/23
Rev	Description	By	Date

CVSD GUN CLUB  
 CLEANUP PROJECT  
 19615 E. SPRAGUE AVE. #9005  
 SPOKANE VALLEY,  
 WASHINGTON

**CAL**  
**7 March 2025**



REPOSITORY  
 SUBGRADE  
 EXCAVATION PLAN

**C-306**

Drawn by: MOONWELL  
 Project: 20234001  
 Date: 10/17/2023  
 Scale: AS SHOWN  
 Title: REPOSITORY SUBGRADE EXCAVATION PLAN

**W** Facility  
 1820 Chan Road  
 MediWASTE MANAGEMENT 9022

Reprint  
 Ticket# 743422  
 Ph: (509)244-0151

Customer Name HALMCONSINC HA MK CONS Carrier HALME HALME CONSTRUCTION  
 Ticket Date 03/07/2025 Vehicle# RICK  
 Payment Type Credit Account Container  
 Manual Ticket# Driver RICK  
 Route Check#  
 Hauling Ticket# Billing# 0000084  
 Destination Grid  
 Manifest 119570WA  
 Profile 119570WA (LF01: DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
 Generator CVSD GUN-19615 CVSD GUN CLUB 19615 E SPRAGUE AVE LIBERTY LAKE  
 PO# 119570WA

Time	Scale	Operator	Inbound	Gross	
In 03/07/2025 07:49:59	Scale1	amanurin			98160 lb
Out 03/07/2025 08:01:58	Scale1	amanurin		Tare	46360 lb
				Net	51800 lb
				Tons	25.90

Comments

Product	Rate	Qty	JOM	Rate	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons- 100		25.90	Tons				SPOKANE
2 ENERGY-Energy Surcharge 100							SPOKANE
3 WWM-P-Waste Water Manag 100							SPOKANE
4 SRHD1-Spokane Regional 100		25.90	Tons				SPOKANE

Total Tax/Fees  
 Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

**WWM**  
 Grant Facility  
 1820 Cham Road  
 Medi WASTE MANAGEMENT 9022

Reprint  
 Ticket# 743438  
 Ph: (509) 244-0151

Customer Name HALMECONSINC HALME CONS Carrier HALME HALME CONSTRUCTION  
 Ticket Date 03/07/2025 Vehicle# RICK  
 Payment Type Credit Account Container  
 Manual Ticket# Driver RICK  
 Route Check#  
 Hauling Ticket# Billing# 0000084  
 Destination Grid  
 Manifest 119570WA  
 Profile 119570WA (LF01: DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
 Generator CVSD GUN-19615 CVSD GUN CLUB 19615 E SPRAGUE AVE LIBERTY LAKE  
 PO# 119570WA

Time	Scale	Operator	Inbound	Gross	
In 03/07/2025 09:21:20	Scale1	AMAHURTN			100180 lb
Out 03/07/2025 09:33:23	Scale1	AMAHURTN		Tare	46260 lb
				Net	53920 lb
				Tons	26.96

Comments

Product	UOM	Qty	Rate	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons-	100	26.96				SPOKANE
2 ENERGY-Energy Surcharge	100					SPOKANE
3 WWM-P-Waste Water Manag	100					SPOKANE
4 SRHD1-Spokane Regional	100	26.96				SPOKANE

Total Tax/Fees  
 Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

**W** Facility  
 1820 ...ham Road  
 MediWASTE MANAGEMENT 99022

Reprint  
 Ticket# 743457  
 Ph: (509)244-0151

Customer Name HALMECONSINC HALME CONSTRUCTION Carrier HALME HALME CONSTRUCTION  
 Ticket Date 03/07/2025 Vehicle# RICK  
 Payment Type Credit Account Container  
 Manual Ticker# Driver RICK  
 Route Check#  
 Hauling Ticket# Billing# 0000084  
 Destination Grid  
 Manifest 119570WA  
 Profile 119570WA (LF01: DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
 Generator CVSD GUN-19615 CVSD GUN CLUB 19615 E SPRAGUE AVE LIBERTY LAKE  
 PO# 119570WA

Time	Scale	Operator	Inbound	Gross	97260 lb
In 03/07/2025 10:53:38	Scale1	AMAHURTN		Tare	46140 lb
Out 03/07/2025 11:07:35	Scale1	AMAHURTN		Net	51120 lb
				Tons	25.56

Comments

Product	Rate	Qty	UOM	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons- 100		25.56	Tons			SPOKANE
2 ENERGY-Energy Surcharge 100						SPOKANE
3 WWM-P-Waste Water Manag 100						SPOKANE
4 SRHDI-Spokane Regional 100		25.56	Tons			SPOKANE

Total Tax/Fees  
 Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

**W** Facility  
 1820 ...ham Road  
 Medi...WASTE MANAGEMENT...9022

Reprint  
 Ticket# /43477  
 Ph: (509)244-0151

Customer Name HALMECCONSINC HALME CONST Carrier HALME HALME CONSTRUCTION  
 Ticket Date 03/07/2025 Vehicle# RICK  
 Payment Type Credit Account Container  
 Manual Ticket# Driver RICK  
 Route Check#  
 Hauling Ticket# Billing# 0000084  
 Destination Grid  
 Manifest 1  
 Profile 119570WA (LF01: DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
 Generator CVSD GUN-19615 CVSD GUN CLUB 19615 E SPRAGUE AVE LIBERTY LAKE  
 PO# 1

Time	Scale	Operator	Inbound	Gross	
In 03/07/2025 12:32:06	Scale1	AMAHURTN			100020 lb
Out 03/07/2025 12:44:33	Scale1	AMAHURTN		Tare	46060 lb
				Net	53960 lb
				Tons	26.98

Comments

Product	Rate	Qty	UOM	Rate	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons-	100	26.98	Tons				SPOKANE
2 ENERGY-Energy Surcharge	100						SPOKANE
3 WWM-P-Waste Water Manag	100						SPOKANE
4 SPR01-Spokane Regional	100	26.98	Tons				SPOKANE

Total Tax/Fees  
 Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

**W** Facility  
 1820 ...ham Road  
 Medi...WASTE MANAGEMENT...9022

Reprint  
 Ticket# /13494  
 Ph: (509)244-0151

Customer Name HALMECONSINC HALME CONS Carrier HALME HALME CONSTRUCTION  
 Ticket Date 03/07/2025 Vehicle# RICK  
 Payment Type Credit Account Container  
 Manual Ticket# Driver RICK  
 Route Check#  
 Hauling Ticket# Billing# 0000084  
 Destination Grid  
 Manifest 119570wa  
 Profile 119570WA (LF01: DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
 Generator CVSD GUN-19615 CVSD GUN CLUB 19615 E SPRAGUE AVE LIBERTY LAKE  
 PO# 119570wa

Time	Scale	Operator	Inbound	Gross	
In 03/07/2025 14:14:2	Scale1	AMARJRTN		99700	lb
Out 03/07/2025 14:26:48	Scale1	AMARJRTN		Tare	45960 lb
				Net	53740 lb
				Tons	26.87

Comments

Product	Rate	Qty	UOM	Rate	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons-	100	26.87	Tons				SPOKANE
2 ENERGY-Energy Surcharge	100						SPOKANE
3 WWM-P-Waste Water Manag	100						SPOKANE
4 SRHD1-Spokane Regional	100	26.87	Tons				SPOKANE

Total Tax/Fees  
 Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	75
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	10 March 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Overcast	<b>Temperature</b>	35-50°F

**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: Haley & Aldrich, Inc. (Haley & Aldrich) observed Halme preparing confirmation Sampling Units within the area described as the 7-foot cut. Halme prepared these units with a dozer to over-excavate depth and push contaminated material into windrows at respective contaminated Units. This material was loaded into haul trucks by an excavator for transportation into the repository.

Excavation of the UST area continued today. Clean limits were believed to have been found on all side walls at approximately 15 feet below ground surface of the Site's original grade. Five contaminated tractor trailer loads of contaminated material were removed from the Site today and transported to the Graham Road Waste Management Landfill. Waste disposal tickets are attached.

<b>Confirmation Sample Name</b>	<b>Depth of Excavation (Feet) Approx</b>	<b>Max PID Reading (ppm)</b>
N/A - exported	28	134.4
N/A - exported	28 (Sidewall material)	94.1
N/A - exported	29	140.8
N/A - exported	29 (Sidewall material)	118.2
N/A - exported	30	123.6
UST_SWE_15	15	0.9
UST_SWN_15	15	0.6
UST_SWS_15	15	0.9
UST_SWW_15	15	4.0
UST_BN_30	30	123.6

- b. Confirmation Sampling: A total of four Sample Units were confirmation sampled today (Units 131,132,116, and 87). Each Unit was divided into four Quadrants and a discrete sample was collected from the approximate center of each Quadrant, resulting in four samples per confirmation Sampling Unit.

Four confirmation soil samples were collected from the sidewalls of the UST excavation from approximately 15 feet below the original grade of the Site (11.5 feet below current grade). One sample was collected from the bottom of the UST excavation today from approximately 30 feet below the original grade of the Site to determine if the limits of contamination had been achieved.

---

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	75
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	10 March 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	2 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Overcast	<b>Temperature</b>	35-50°F

---

All samples collected today were transported to Eurofins Test America today (10 March 2025) by Haley & Aldrich. Chain of Custody (COC) attached.

- c. Backfill: Haley & Aldrich observed backfilling of Lift No. 22 in respective areas that had passed compaction testing for Lift No. 21 prior.

## II. DUST MONITORING:

Dust Monitors (DMs) with telemetry capabilities were deployed in advance of excavation and backfill today and operated from 07:30 to 18:00. Samsara DM 47181 was positioned upwind of Site work and DM 49913 was positioned downwind of site work. The relative humidity in the morning was approximately 70 percent and the wind was from the southwest to the northeast.

Dust levels did not exceed the threshold of 2.5 milligrams per cubic meter (mg/m<sup>3</sup>) total particulates nor the threshold of 0.025 mg/m<sup>3</sup> PM<sub>10</sub> 120-minute rolling average at the downwind property boundary (except for one 120-minute average in the afternoon). Site observations indicated that dust was well-controlled. Dust monitoring data is attached.

## III. COMPACTION TESTING:

No compaction testing was conducted today.

---

<u>Field Representative(s)</u>	<u>Time on Site</u>	<u>Report/Travel/Other</u>	<u>Total</u>
Cameron Luckey	10.75 hours	0.75 hours	11.50 hours

### Distribution:

CVSD; Attn: Jay Rowell  
OAC Services, Inc.; Attn: Jeff Jurgensen

### Attachments:

Attachment A – Photo Log  
Attachment B – Dust Monitoring Data  
Attachment C – Chain of Custody (COC)  
Attachment D – Confirmation Sampling Plan  
Attachment E – Waste Management Disposal Tickets



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Haley & Aldrich, Inc.



Photo 01. UST excavation progress at the start of the excavation day. (view looking southeast)



Photo 02. UST excavation sidewall photo with a visible lens of contaminated soil extending into the sidewall. Excavation was chased a few feet into a sidewall based on field screening until field screening results were appeared clean. (view looking southeast)

**Site Photographs – 10 March 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA



**Attachment A**



Photo 03. Backfill progress of the repository. (view looking north)



Photo 04. Backfill progress of the repository. (view looking northwest)

**Site Photographs – 10 March 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA

**HALEY  
ALDRICH**

**Attachment A**

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
<b>Upwind</b>								
Modem 47181	3/10/2025 17:40	3/10/2025 17:50	0	0	0	0	0	0
Modem 47181	3/10/2025 17:30	3/10/2025 17:40	0.024	0.028	0.04	0.066	0.068	0.034
Modem 47181	3/10/2025 17:20	3/10/2025 17:30	0	0	0.001	0.001	0.001	0.0005
Modem 47181	3/10/2025 17:10	3/10/2025 17:20	0	0	0.001	0.001	0.001	0.0005
Modem 47181	3/10/2025 17:00	3/10/2025 17:10	0	0	0	0	0	0.0005
Modem 47181	3/10/2025 16:50	3/10/2025 17:00	0	0.001	0.001	0.001	0.001	0.0005
Modem 47181	3/10/2025 16:40	3/10/2025 16:50	0	0	0	0	0	0
Modem 47181	3/10/2025 16:30	3/10/2025 16:40	0	0	0	0	0	0
Modem 47181	3/10/2025 16:20	3/10/2025 16:30	0	0	0.001	0.001	0.001	0.0005
Modem 47181	3/10/2025 16:10	3/10/2025 16:20	0	0	0	0.001	0.001	0.001
Modem 47181	3/10/2025 16:00	3/10/2025 16:10	0	0	0	0.001	0.001	0.0005
Modem 47181	3/10/2025 15:50	3/10/2025 16:00	0	0	0	0.001	0.001	0.0005
Modem 47181	3/10/2025 15:40	3/10/2025 15:50	0	0	0	0	0	0
Modem 47181	3/10/2025 15:30	3/10/2025 15:40	0	0	0	0	0	0
Modem 47181	3/10/2025 15:20	3/10/2025 15:30	0	0	0	0	0	0
Modem 47181	3/10/2025 15:10	3/10/2025 15:20	0	0	0	0	0	0
Modem 47181	3/10/2025 15:00	3/10/2025 15:10	0	0	0	0.001	0.001	0.0005
Modem 47181	3/10/2025 14:50	3/10/2025 15:00	0	0	0	0	0	0
Modem 47181	3/10/2025 14:40	3/10/2025 14:50	0	0	0	0	0	0
Modem 47181	3/10/2025 14:30	3/10/2025 14:40	0	0	0	0	0	0
Modem 47181	3/10/2025 14:20	3/10/2025 14:30	0	0	0	0	0	0
Modem 47181	3/10/2025 14:10	3/10/2025 14:20	0	0	0	0.001	0.001	0.0005
Modem 47181	3/10/2025 14:00	3/10/2025 14:10	0	0	0	0	0	0
Modem 47181	3/10/2025 13:50	3/10/2025 14:00	0	0	0	0	0	0.0005
Modem 47181	3/10/2025 13:40	3/10/2025 13:50	0	0	0	0	0	0
Modem 47181	3/10/2025 13:30	3/10/2025 13:40	0	0	0	0	0	0.0005
Modem 47181	3/10/2025 13:20	3/10/2025 13:30	0	0	0	0	0	0
Modem 47181	3/10/2025 13:10	3/10/2025 13:20	0	0	0	0	0	0
Modem 47181	3/10/2025 13:00	3/10/2025 13:10	0	0	0	0	0	0
Modem 47181	3/10/2025 12:50	3/10/2025 13:00	0	0	0	0	0	0
Modem 47181	3/10/2025 12:40	3/10/2025 12:50	0	0	0	0	0	0
Modem 47181	3/10/2025 12:30	3/10/2025 12:40	0	0	0	0	0	0
Modem 47181	3/10/2025 12:20	3/10/2025 12:30	0	0	0	0	0	0
Modem 47181	3/10/2025 12:10	3/10/2025 12:20	0	0	0	0	0	0
Modem 47181	3/10/2025 12:00	3/10/2025 12:10	0	0	0	0	0	0
Modem 47181	3/10/2025 11:50	3/10/2025 12:00	0	0	0	0.001	0.001	0
Modem 47181	3/10/2025 11:40	3/10/2025 11:50	0	0	0	0	0	0
Modem 47181	3/10/2025 11:30	3/10/2025 11:40	0	0	0	0.001	0.001	0
Modem 47181	3/10/2025 11:20	3/10/2025 11:30	0	0	0	0	0	0
Modem 47181	3/10/2025 11:10	3/10/2025 11:20	0	0	0	0	0	0
Modem 47181	3/10/2025 11:00	3/10/2025 11:10	0	0	0	0	0	0
<b>Downwind</b>								
Modem 49913	3/10/2025 17:50	3/10/2025 18:00	-0.001	-0.001	-0.001	0	0	0
Modem 49913	3/10/2025 17:40	3/10/2025 17:50	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	3/10/2025 17:30	3/10/2025 17:40	0.003	0.003	0.004	0.005	0.005	0.0075

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT  
 SPOKANE VALLEY, WASHINGTON  
 FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
Modem 49913	3/10/2025 17:20	3/10/2025 17:30	0	0	0	0	0	0.001
Modem 49913	3/10/2025 17:10	3/10/2025 17:20	0	0	0	0	0	0
Modem 49913	3/10/2025 17:00	3/10/2025 17:10	-0.001	0	0	0	0	0.001
Modem 49913	3/10/2025 16:50	3/10/2025 17:00	-0.001	-0.001	-0.001	0	0	0.002
Modem 49913	3/10/2025 16:40	3/10/2025 16:50	0	0	0	0	0	0.0035
Modem 49913	3/10/2025 16:30	3/10/2025 16:40	0	0	0	0	0	0
Modem 49913	3/10/2025 16:20	3/10/2025 16:30	0	0	0	0	0	0.0015
Modem 49913	3/10/2025 16:10	3/10/2025 16:20	-0.001	-0.001	-0.001	-0.001	-0.001	0
Modem 49913	3/10/2025 16:00	3/10/2025 16:10	0.001	0.001	0.002	0.002	0.003	0.002
Modem 49913	3/10/2025 15:50	3/10/2025 16:00	0	0	0	0	0	0
Modem 49913	3/10/2025 15:40	3/10/2025 15:50	0	0	0	0	0	0
Modem 49913	3/10/2025 15:30	3/10/2025 15:40	0.004	0.004	0.006	0.01	0.01	0.0065
Modem 49913	3/10/2025 15:20	3/10/2025 15:30	0	0	0.001	0.002	0.002	0.001
Modem 49913	3/10/2025 15:10	3/10/2025 15:20	0	0	0	0	0	0
Modem 49913	3/10/2025 15:00	3/10/2025 15:10	0	0	0.001	0.002	0.002	0.001
Modem 49913	3/10/2025 14:50	3/10/2025 15:00	0.001	0.001	0.002	0.004	0.004	0.002
Modem 49913	3/10/2025 14:40	3/10/2025 14:50	0.002	0.002	0.004	0.007	0.007	0.0035
Modem 49913	3/10/2025 14:30	3/10/2025 14:40	0	0	0	0	0	0
Modem 49913	3/10/2025 14:20	3/10/2025 14:30	0.001	0.001	0.002	0.003	0.003	0.0015
Modem 49913	3/10/2025 14:10	3/10/2025 14:20	0	0	0	0	0.001	0.0005
Modem 49913	3/10/2025 14:00	3/10/2025 14:10	0	0	0	0.001	0.001	0.0005
Modem 49913	3/10/2025 13:50	3/10/2025 14:00	0	0	0	0	0	0
Modem 49913	3/10/2025 13:40	3/10/2025 13:50	0	0	0	0	0	0.0015
Modem 49913	3/10/2025 13:30	3/10/2025 13:40	0.001	0.001	0.002	0.003	0.003	0.0015
Modem 49913	3/10/2025 13:20	3/10/2025 13:30	0	0	0	0	0	0
Modem 49913	3/10/2025 13:10	3/10/2025 13:20	0	0	0	0	0	0
Modem 49913	3/10/2025 13:00	3/10/2025 13:10	0	0	0	0	0	0.001
Modem 49913	3/10/2025 12:50	3/10/2025 13:00	0	0	0	0	0	
Modem 49913	3/10/2025 12:40	3/10/2025 12:50	0	0	0	0	0	
Modem 49913	3/10/2025 12:30	3/10/2025 12:40	0	0	0	0	0	
Modem 49913	3/10/2025 12:20	3/10/2025 12:30	0	0	0	0	0	
Modem 49913	3/10/2025 12:10	3/10/2025 12:20	0	0	0	0	0	
Modem 49913	3/10/2025 12:00	3/10/2025 12:10	0	0	0	0	0	
Modem 49913	3/10/2025 11:50	3/10/2025 12:00	0	0	0	0	0	
Modem 49913	3/10/2025 11:40	3/10/2025 11:50	0.002	0.002	0.002	0.003	0.003	
Modem 49913	3/10/2025 11:30	3/10/2025 11:40	0	0	0	0	0	
Modem 49913	3/10/2025 11:20	3/10/2025 11:30	0	0	0	0	0	
Modem 49913	3/10/2025 11:10	3/10/2025 11:20	0	0	0	0	0	
Modem 49913	3/10/2025 11:00	3/10/2025 11:10	0	0.001	0.001	0.002	0.002	





# CHAIN OF CUSTODY RECORD

H&A FILE NO. 0202349-002  
PROJECT NAME CUSD Gun Club  
H&A CONTACT Breehn Greer

LABORATORY Eurofins  
ADDRESS \_\_\_\_\_  
CONTACT \_\_\_\_\_

DELIVERY DATE 3-10-25  
TURNAROUND TIME ASAP  
PROJECT MANAGER Breehn Greer

Sample No.	Date	Time	Depth	Type	Analysis Requested										Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)	
					NWTPHDX	NWTPH-GA	EPA 8270 PAHS										
UST-SWE-15	3-10-25	15:30	15	Soil	X	X	X										Laboratory to use applicable DEP CAM methods, unless otherwise directed. <u>Naphthalenes only</u>
UST-SWN-15	3-10-25	15:15			X	X	X									3	
UST-SWS-15		15:25			X	X	X										
UST-SWW-15		15:00			X	X	X										
<del>UST-BW-15</del>		<del>16:00</del>			<del>X</del>	<del>X</del>	<del>X</del>										
UST-BW-30	3-10-25	16:00	30		X	X	X										

**Sampled and Relinquished by**  
Sign [Signature]  
Print Cameron Luckey  
Firm H&A  
Date 3-10-25 Time 16:45

**Received by**  
Sign [Signature]  
Print Carson Desimone  
Firm BETSPO  
Date 3/10/25 Time 16:45

**LIQUID**

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

14.6, 15.0 corr IROOB  
**Sampling Comments**

**Relinquished by**  
Sign \_\_\_\_\_  
Print \_\_\_\_\_  
Firm \_\_\_\_\_  
Date \_\_\_\_\_ Time \_\_\_\_\_

**Received by**  
Sign \_\_\_\_\_  
Print \_\_\_\_\_  
Firm \_\_\_\_\_  
Date \_\_\_\_\_ Time \_\_\_\_\_

**SOLID**

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**Evidence samples were tampered with? YES NO**  
If YES, please explain in section below.

**PRESERVATION KEY**

A Sample chilled	C NaOH	E H <sub>2</sub> SO <sub>4</sub>	G Methanol
B Sample filtered	D HNO <sub>3</sub>	F HCL	H Water/NaHSO <sub>4</sub> (circle)

**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**

<input type="checkbox"/> RC-S1	<input type="checkbox"/> S1	<input type="checkbox"/> GW1
<input type="checkbox"/> RC-S2	<input type="checkbox"/> S2	<input type="checkbox"/> GW2
<input type="checkbox"/> RC-GW1	<input type="checkbox"/> S3	<input type="checkbox"/> GW3
<input type="checkbox"/> RC-GW2		



**WWM**  
 Facility  
 1820 ... Road  
 WASTE MANAGEMENT 9022

Reprint  
 Ticket# /43517  
 Ph: (509)244-0151

Customer Name HALMECONSINC HALME CONS Carrier HALME HALME CONSTRUCTION  
 Ticket Date 03/10/2025 Vehicle# RICK  
 Payment Type Credit Account Container  
 Manual Ticket# Driver RICK  
 Route Check#  
 Hauling Ticket# Billing# 0000084  
 Destination Grid  
 Manifest 119570wa  
 Profile 119570WA (LF01: DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
 Generator CVSD SUN-19615 CVSD SUN CLUB 19615 E SPRAGUE AVE LIBERTY LAKE  
 PO# 119570wa

Time	Scale	Operator	Inbound	Gross	96760 lb
In 03/10/2025 08:02:13	Scale1	amanurin		Tare	46420 lb
Out 03/10/2025 08:15:53	Scale1	amanurin		Net	50340 lb
				Tons	25.17

Comments

Product	UOM	Qty	UOM	Rate	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons-	100	25.17	Tons				SPOKANE
2 ENERGY-Energy Surcharge	100						SPOKANE
3 WWM-P-Waste Water Manag	100						SPOKANE
4 SRHD1-Spokane Regional	100	25.17	Tons				SPOKANE

Total Tax/Fees  
 Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

**WWM**  
 Facility  
 1820 ... Road  
 WASTE MANAGEMENT 9022

Reprint  
 Ticket# 743535  
 Ph: (509)244-0151

Customer Name HALMECONSINC HALME CONS Carrier HALME HALME CONSTRUCTION  
 Ticket Date 03/10/2025 Vehicle# RICK  
 Payment Type Credit Account Container  
 Manual Ticket# Driver RICK  
 Route Check#  
 Hauling Ticket# Billing# 0000084  
 Destination Grid  
 Manifest 119570wa  
 Profile 119570WA (LF01: DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
 Generator CVSD GUN-19615 CVSD GUN CLUS 19615 E SPRAGUE AVE LIBERTY LAKE  
 PO# 119570wa

Time	Scale	Operator	Inbound	Gross	105620 lb
In 03/10/2025 09:38:09	Scale1	amanurin		Tare	46300 lb
Out 03/10/2025 09:51:33	Scale1	amanurin		Net	59320 lb
				Tons	29.66

Comments

Product	UOM	Qty	UOM	Rate	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons-	100	29.66	Tons				SPOKANE
2 ENERGY-Energy Surcharge	100		\$				
3 WWM-P-Waste Water Manag	100		\$				
4 SRHD1-Spokane Regional	100	29.66	Tons				

Total Tax/Fees  
 Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

**WWM**  
 Grant Facility  
 1820 Nathan Road  
 Medical Waste Management 9022

Reprint  
 Ticket# 743855  
 Ph: (509)244-0151

Customer Name HALMECCONSINC HALME CONST Carrier HALME HALME CONSTRUCTION  
 Ticket Date 03/10/2025 Vehicle# RICK  
 Payment Type Credit Account Container  
 Manual Ticket# Driver RICK  
 Route Check#  
 Hauling Ticket# Billing# 0000084  
 Destination Grid  
 Manifest 119570wa  
 Profile 119570WA (LF01: DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
 Generator CVSD SUN-19615 CVSD SUN CLUB 19615 E SPRAGUE AVE LIBERTY LAKE  
 PO# 119570wa

Time	Scale	Operator	Inbound	Gross	
In 03/10/2025 11:11:28	Scale 01	amahurin		100400	lb
Out 03/10/2025 11:23:16	Scale 01	amahurin		Tare	46200 lb
				Net	54200 lb
				Tons	27.10

Comments

Product	UOM	Qty	JOM	Rate	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons- 100		27.10	Tons				SPOKANE
2 ENERGY-Energy Surcharge 100							SPOKANE
3 WWM-P-Waste Water Manag 100							SPOKANE
4 SRHD1-Spokane Regional 100		27.10	Tons				SPOKANE

Total Tax/Fees  
 Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

**W** Facility  
 1820 ... Road  
 Medi... 9022

Reprint  
 Ticket# 713569  
 Ph: (509)244-0151

Customer Name HALMECONSINC HALME CONS  
 Ticket Date 03/10/2025  
 Payment Type Credit Account  
 Manual Ticket#  
 Route  
 Hauling Ticket#  
 Destination  
 Manifest 119570WA  
 Profile 119570WA (LF01: DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
 Generator CVSD GUN-19615 CVSD GUN CLUB 19615 E SPRAGUE AVE LIBERTY LAKE  
 PO# 119570WA

Time	Scale	Operator	Inbound	Gross	
In 03/10/2025 12:44:44	Scale1	amarurin		Tare	36260 lb
Out 03/10/2025 12:59:20	Scale1	amarurin		Net	46100 lb
				Tons	50160 lb
					25.08

Comments

Product	UOM	Qty	JOM	Rate	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons- 100		25.08	Tons				SPOKANE
2 ENERGY-Energy Surcharge 100							SPOKANE
3 WWM-P-Waste Water Manag 100							SPOKANE
4 SRHD1-Spokane Regional 100		25.08	Tons				SPOKANE

Total Tax/Fees  
 Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

**W** Facility  
 1820 ...ham Road  
 Medi**WASTE MANAGEMENT** 9022

Reprint  
 Ticket# 743582  
 Ph: (509)244-0151

Customer Name HALMECONS INC HALME CONSR Carrier HALME HALME CONSTRUCTION  
 Ticket Date 03/10/2025 Vehicle# RICK  
 Payment Type Credit Account Container  
 Manual Ticket# Driver RICK  
 Route Check#  
 Hauling Ticket# Billing# 0000084  
 Destination Grid  
 Manifest 119570WA  
 Profile 119570WA (LF01: WRESEL POPL IMPACTED SOIL AND/OR DEBR S CLEANUP)  
 Generator CVSD GUN-19615 CVSD GUN CLUB 19615 E SPRAGUE AVE LIBERTY LAKE  
 PO# 119570WA

Time	Scale	Operator	Inbound	Gross	
In 03/10/2025 14:20:30	Scale1	amanurin			97520 lb
Out 03/10/2025 14:32:37	Scale1	amanurin			46020 lb
					Net 51500 lb
					Tons 25.75

Comments

Product	UOM	Qty	UOM	Rate	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons-	100	25.75	Tons				SPOKANE
2 ENERGY-Energy Surcharge	100		*				
3 WWM-P-Waste Water Manag	100		*				
4 SRHD1-Spokane Regional	100	25.75	Tons				

Total Tax/Fees  
 Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	76
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	11 March 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Overcast	<b>Temperature</b>	37-51°F

**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: Haley & Aldrich, Inc. (Haley & Aldrich) observed excavation of Units on the northwest side of the Site, which were sampled the same day. Soil from this side of the Site was taken directly to the repository as fill for Lift No. 22.

Haley & Aldrich also observed further excavation of soil underneath and surrounding the Underground Storage Tank (UST) area. Soil on the perimeter of the contaminated area with no field indicators of contamination was excavated and placed into small stockpiles nearby for excavator access to the bottom of the excavation. Soil from the bottom of the hole at the center of the contaminated area was excavated and loaded into a truck to dispose of off-Site. Five contaminated tractor trailer loads of contaminated material were removed from the Site today and transported to the Graham Road Waste Management Landfill. Waste disposal tickets are attached.

Five PID readings were collected today and can be found in the table below.

<b>Table 1. UST Screening</b>	
<b>Depth of Excavation (feet)</b>	<b>Max PID Reading (ppm)</b>
31 (w/ slough)	23.0
32	112.8
33	76.7
34	82.3
35 (w/ slough)	22.2
35	91.5

- a. Confirmation Sampling: A total of fifteen Units were sampled today (Units 103, 91, 76, 75, 60, 61, 62, 64, 49, 44, 42, 27, 22, 26, and 18). Each Unit was divided into four Quadrants and a discrete sample was collected from the approximate center of each Quadrant, resulting in four samples per Unit apart from Units 64, 49, 42, and 26, which each had two Quadrants pass previous analyses, and Unit 18, which had three Quadrants pass previous analyses. As such, these Units only had two or one of their Quadrants sampled, respectively. The Chain of Custody (COC) for these samples is attached.
- b. Backfill: Haley & Aldrich observed backfilling of Lift No. 22 in the repository. Halme brought in fill to the repository for Lift No. 22, depositing this soil in small stockpiles.

**II. DUST MONITORING:**

Dust Monitors (DMs) with telemetry capabilities were deployed in advance of excavation and backfill today and operated from 07:15 to 16:30. Samsara DM 47181 was positioned upwind of Site work and DM 49913 was positioned downwind of Site work. The relative humidity in the morning was approximately 79 percent and the wind was to the southwest.

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	76
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	11 March 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	2 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Overcast	<b>Temperature</b>	37-51°F

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Dust levels did not exceed the threshold of 2.5 milligrams per cubic meter (mg/m<sup>3</sup>) total particulates nor the threshold of 0.025 mg/m<sup>3</sup> PM<sub>10</sub> 120-minute rolling average at the downwind property boundary. Site observations indicated that dust was well-controlled. Dust monitoring data is attached.

### III. COMPACTION TESTING:

No compaction tests were performed today.

---

<u>Field Representative(s)</u>	<u>Time on Site</u>	<u>Report/Travel/Other</u>	<u>Total</u>
Luke Peden	9.75 hours	2.25 hours	12.00 hours

#### Distribution:

CVSD; Attn: Jay Rowell  
OAC Services, Inc.; Attn: Jeff Jurgensen

#### Attachments:

Attachment A – Photo Log  
Attachment B – Dust Monitoring Data  
Attachment C – Chain of Custody (COC)  
Attachment D – Confirmation Sampling Plan  
Attachment E – Repository Subgrade Excavation Plan  
Attachment F – Waste Management Disposal Tickets



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Haley & Aldrich, Inc.

[https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/03 - March/03\\_11\\_25\\_LWP\\_DFR\\_76/03\\_11\\_25\\_LWP\\_DFR.docx](https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared%20Documents/0202349.Gun%20Club%20-%20Bid%20and%20Tech%20Support/-002%20Construction%20Support/Data/Field%20Data/DFR/2025/03%20-%20March/03_11_25_LWP_DFR_76/03_11_25_LWP_DFR.docx)



Photo 01. Repository fill placement status beginning-of-day, facing northwest.



Photo 02. Excavation of northwest Units, facing west.

**Site Photographs – 11 March 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA



**Attachment A**



Photo 03. Over-excavation of contaminated sample Units, facing northwest.



Photo 04. UST excavation area end-of-day, facing southeast.

**Site Photographs – 11 March 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA

**HALEY  
ALDRICH**

**Attachment A**

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM 10 120 min Avg.
	(Eastern)	(Eastern)	(mg/m <sup>3</sup> )					
<b>Upwind</b>								
Modem 47181	3/11/2025 20:50	3/11/2025 21:00	0.001	0.001	0.001	0.002	0.002	0.002
Modem 47181	3/11/2025 20:40	3/11/2025 20:50	0.001	0.001	0.001	0.002	0.002	0.002
Modem 47181	3/11/2025 20:30	3/11/2025 20:40	0.001	0.001	0.001	0.002	0.002	0.002
Modem 47181	3/11/2025 20:20	3/11/2025 20:30	0.001	0.001	0.001	0.002	0.002	0.002
Modem 47181	3/11/2025 20:10	3/11/2025 20:20	0.001	0.001	0.001	0.002	0.002	0.001
Modem 47181	3/11/2025 20:00	3/11/2025 20:10	0.001	0.001	0.001	0.002	0.002	0.001
Modem 47181	3/11/2025 19:50	3/11/2025 20:00	0.001	0.001	0.001	0.002	0.002	0.001
Modem 47181	3/11/2025 19:40	3/11/2025 19:50	0.001	0.001	0.001	0.002	0.002	0.001
Modem 47181	3/11/2025 19:30	3/11/2025 19:40	0.001	0.001	0.001	0.002	0.002	0.001
Modem 47181	3/11/2025 19:20	3/11/2025 19:30	0.001	0.001	0.001	0.002	0.002	0.001
Modem 47181	3/11/2025 19:10	3/11/2025 19:20	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/11/2025 19:00	3/11/2025 19:10	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/11/2025 18:50	3/11/2025 19:00	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/11/2025 18:40	3/11/2025 18:50	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/11/2025 18:30	3/11/2025 18:40	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/11/2025 18:20	3/11/2025 18:30	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/11/2025 18:10	3/11/2025 18:20	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/11/2025 18:00	3/11/2025 18:10	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/11/2025 17:50	3/11/2025 18:00	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/11/2025 17:40	3/11/2025 17:50	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/11/2025 17:30	3/11/2025 17:40	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/11/2025 17:20	3/11/2025 17:30	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/11/2025 17:10	3/11/2025 17:20	0.000	0.000	0.000	0.000	0.000	0.001
Modem 47181	3/11/2025 17:00	3/11/2025 17:10	0.000	0.000	0.001	0.001	0.001	0.001
Modem 47181	3/11/2025 16:50	3/11/2025 17:00	0.000	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/11/2025 16:40	3/11/2025 16:50	0.000	0.000	0.001	0.001	0.001	0.001
Modem 47181	3/11/2025 16:30	3/11/2025 16:40	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/11/2025 16:20	3/11/2025 16:30	0.000	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/11/2025 16:10	3/11/2025 16:20	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/11/2025 16:00	3/11/2025 16:10	0.000	0.000	0.000	0.000	0.000	0.001
Modem 47181	3/11/2025 15:50	3/11/2025 16:00	0.000	0.000	0.000	0.000	0.000	0.002
Modem 47181	3/11/2025 15:40	3/11/2025 15:50	0.000	0.000	0.000	0.000	0.000	0.002
Modem 47181	3/11/2025 15:30	3/11/2025 15:40	0.001	0.001	0.001	0.001	0.001	0.002
Modem 47181	3/11/2025 15:20	3/11/2025 15:30	0.001	0.001	0.001	0.001	0.001	0.003
Modem 47181	3/11/2025 15:10	3/11/2025 15:20	0.001	0.001	0.001	0.001	0.001	0.003
Modem 47181	3/11/2025 15:00	3/11/2025 15:10	0.001	0.002	0.002	0.002	0.002	0.003
Modem 47181	3/11/2025 14:50	3/11/2025 15:00	0.001	0.001	0.002	0.002	0.002	0.003
Modem 47181	3/11/2025 14:40	3/11/2025 14:50	0.001	0.001	0.001	0.001	0.001	0.004
Modem 47181	3/11/2025 14:30	3/11/2025 14:40	0.002	0.002	0.002	0.002	0.002	0.004
Modem 47181	3/11/2025 14:20	3/11/2025 14:30	0.002	0.002	0.002	0.002	0.002	0.004
Modem 47181	3/11/2025 14:10	3/11/2025 14:20	0.002	0.003	0.003	0.003	0.003	0.005
Modem 47181	3/11/2025 14:00	3/11/2025 14:10	0.003	0.003	0.003	0.003	0.003	0.005
Modem 47181	3/11/2025 13:50	3/11/2025 14:00	0.003	0.003	0.003	0.003	0.003	0.005
Modem 47181	3/11/2025 13:40	3/11/2025 13:50	0.004	0.004	0.004	0.004	0.004	0.005
Modem 47181	3/11/2025 13:30	3/11/2025 13:40	0.004	0.004	0.004	0.004	0.004	0.005
Modem 47181	3/11/2025 13:20	3/11/2025 13:30	0.004	0.004	0.005	0.005	0.005	0.005
Modem 47181	3/11/2025 13:10	3/11/2025 13:20	0.004	0.004	0.004	0.004	0.004	0.005
Modem 47181	3/11/2025 13:00	3/11/2025 13:10	0.004	0.005	0.005	0.005	0.005	0.005

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM 10 120 min Avg.
	(Eastern)	(Eastern)	(mg/m <sup>3</sup> )					
Modem 47181	3/11/2025 12:50	3/11/2025 13:00	0.004	0.004	0.005	0.005	0.005	0.005
Modem 47181	3/11/2025 12:40	3/11/2025 12:50	0.004	0.005	0.005	0.005	0.005	0.006
Modem 47181	3/11/2025 12:30	3/11/2025 12:40	0.005	0.005	0.005	0.006	0.006	0.006
Modem 47181	3/11/2025 12:20	3/11/2025 12:30	0.005	0.005	0.005	0.006	0.006	0.006
Modem 47181	3/11/2025 12:10	3/11/2025 12:20	0.005	0.005	0.006	0.006	0.007	0.005
Modem 47181	3/11/2025 12:00	3/11/2025 12:10	0.005	0.005	0.006	0.007	0.007	0.005
Modem 47181	3/11/2025 11:50	3/11/2025 12:00	0.004	0.005	0.005	0.006	0.006	
Modem 47181	3/11/2025 11:40	3/11/2025 11:50	0.005	0.005	0.005	0.005	0.005	
Modem 47181	3/11/2025 11:30	3/11/2025 11:40	0.004	0.004	0.005	0.005	0.005	
Modem 47181	3/11/2025 11:20	3/11/2025 11:30	0.004	0.004	0.004	0.004	0.005	
Modem 47181	3/11/2025 11:10	3/11/2025 11:20	0.003	0.003	0.003	0.004	0.004	
Modem 47181	3/11/2025 11:00	3/11/2025 11:10	0.004	0.004	0.004	0.005	0.005	
Modem 47181	3/11/2025 10:50	3/11/2025 11:00	0.005	0.005	0.005	0.005	0.005	
Modem 47181	3/11/2025 10:40	3/11/2025 10:50	0.006	0.006	0.007	0.007	0.007	
Modem 47181	3/11/2025 10:30	3/11/2025 10:40	0.007	0.007	0.008	0.009	0.009	
Modem 47181	3/11/2025 10:20	3/11/2025 10:30	0.000	0.000	0.000	0.001	0.001	
Modem 47181	3/11/2025 10:10	3/11/2025 10:20	0.000	0.000	0.000	0.001	0.001	
Modem 47181	3/11/2025 10:00	3/11/2025 10:10	0.000	0.000	0.000	0.001	0.001	
<b>Downwind</b>								
Modem 49913	3/11/2025 20:50	3/11/2025 21:00	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/11/2025 20:40	3/11/2025 20:50	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/11/2025 20:30	3/11/2025 20:40	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/11/2025 20:20	3/11/2025 20:30	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/11/2025 20:10	3/11/2025 20:20	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/11/2025 20:00	3/11/2025 20:10	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/11/2025 19:50	3/11/2025 20:00	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/11/2025 19:40	3/11/2025 19:50	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/11/2025 19:30	3/11/2025 19:40	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/11/2025 19:20	3/11/2025 19:30	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/11/2025 19:10	3/11/2025 19:20	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/11/2025 19:00	3/11/2025 19:10	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/11/2025 18:50	3/11/2025 19:00	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/11/2025 18:40	3/11/2025 18:50	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/11/2025 18:30	3/11/2025 18:40	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/11/2025 18:20	3/11/2025 18:30	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/11/2025 18:10	3/11/2025 18:20	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/11/2025 18:00	3/11/2025 18:10	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/11/2025 17:50	3/11/2025 18:00	-0.001	-0.001	0.000	0.000	0.000	0.001
Modem 49913	3/11/2025 17:40	3/11/2025 17:50	0.003	0.004	0.006	0.011	0.012	0.001
Modem 49913	3/11/2025 17:30	3/11/2025 17:40	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/11/2025 17:20	3/11/2025 17:30	-0.001	-0.001	-0.001	-0.001	-0.001	0.000
Modem 49913	3/11/2025 17:10	3/11/2025 17:20	-0.001	-0.001	-0.001	-0.001	-0.001	0.000
Modem 49913	3/11/2025 17:00	3/11/2025 17:10	-0.001	-0.001	-0.001	0.000	0.000	0.000
Modem 49913	3/11/2025 16:50	3/11/2025 17:00	-0.001	-0.001	0.000	0.000	0.000	0.000
Modem 49913	3/11/2025 16:40	3/11/2025 16:50	-0.001	-0.001	-0.001	-0.001	-0.001	0.000
Modem 49913	3/11/2025 16:30	3/11/2025 16:40	-0.001	-0.001	-0.001	-0.001	-0.001	0.000
Modem 49913	3/11/2025 16:20	3/11/2025 16:30	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/11/2025 16:10	3/11/2025 16:20	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/11/2025 16:00	3/11/2025 16:10	-0.001	-0.001	-0.001	-0.001	-0.001	0.000

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM 10 120 min Avg.
	(Eastern)	(Eastern)	(mg/m <sup>3</sup> )					
Modem 49913	3/11/2025 15:50	3/11/2025 16:00	-0.001	-0.001	-0.001	0.000	0.000	0.000
Modem 49913	3/11/2025 15:40	3/11/2025 15:50	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/11/2025 15:30	3/11/2025 15:40	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/11/2025 15:20	3/11/2025 15:30	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/11/2025 15:10	3/11/2025 15:20	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/11/2025 15:00	3/11/2025 15:10	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/11/2025 14:50	3/11/2025 15:00	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/11/2025 14:40	3/11/2025 14:50	0.000	0.000	0.000	0.000	0.000	0.002
Modem 49913	3/11/2025 14:30	3/11/2025 14:40	0.000	0.000	0.000	0.000	0.000	0.002
Modem 49913	3/11/2025 14:20	3/11/2025 14:30	0.000	0.000	0.000	0.000	0.000	0.003
Modem 49913	3/11/2025 14:10	3/11/2025 14:20	0.000	0.000	0.000	0.000	0.000	0.003
Modem 49913	3/11/2025 14:00	3/11/2025 14:10	0.000	0.000	0.000	0.000	0.000	0.003
Modem 49913	3/11/2025 13:50	3/11/2025 14:00	0.001	0.001	0.001	0.001	0.001	0.004
Modem 49913	3/11/2025 13:40	3/11/2025 13:50	0.002	0.002	0.002	0.003	0.003	0.004
Modem 49913	3/11/2025 13:30	3/11/2025 13:40	0.002	0.002	0.002	0.002	0.002	0.004
Modem 49913	3/11/2025 13:20	3/11/2025 13:30	0.002	0.002	0.002	0.002	0.002	0.004
Modem 49913	3/11/2025 13:10	3/11/2025 13:20	0.003	0.003	0.003	0.003	0.003	0.004
Modem 49913	3/11/2025 13:00	3/11/2025 13:10	0.003	0.003	0.003	0.004	0.004	0.004
Modem 49913	3/11/2025 12:50	3/11/2025 13:00	0.003	0.003	0.003	0.004	0.004	0.005
Modem 49913	3/11/2025 12:40	3/11/2025 12:50	0.003	0.003	0.003	0.004	0.004	0.005
Modem 49913	3/11/2025 12:30	3/11/2025 12:40	0.004	0.004	0.004	0.005	0.005	0.005
Modem 49913	3/11/2025 12:20	3/11/2025 12:30	0.004	0.004	0.004	0.004	0.005	0.006
Modem 49913	3/11/2025 12:10	3/11/2025 12:20	0.004	0.004	0.004	0.005	0.005	0.005
Modem 49913	3/11/2025 12:00	3/11/2025 12:10	0.004	0.004	0.004	0.005	0.005	0.005
Modem 49913	3/11/2025 11:50	3/11/2025 12:00	0.004	0.004	0.005	0.005	0.005	
Modem 49913	3/11/2025 11:40	3/11/2025 11:50	0.004	0.004	0.004	0.005	0.005	
Modem 49913	3/11/2025 11:30	3/11/2025 11:40	0.003	0.004	0.004	0.005	0.005	
Modem 49913	3/11/2025 11:20	3/11/2025 11:30	0.003	0.003	0.003	0.004	0.004	
Modem 49913	3/11/2025 11:10	3/11/2025 11:20	0.002	0.002	0.003	0.003	0.003	
Modem 49913	3/11/2025 11:00	3/11/2025 11:10	0.004	0.004	0.004	0.004	0.004	
Modem 49913	3/11/2025 10:50	3/11/2025 11:00	0.004	0.004	0.005	0.005	0.005	
Modem 49913	3/11/2025 10:40	3/11/2025 10:50	0.006	0.006	0.006	0.007	0.007	
Modem 49913	3/11/2025 10:30	3/11/2025 10:40	0.008	0.008	0.009	0.010	0.010	
Modem 49913	3/11/2025 10:20	3/11/2025 10:30	0.009	0.010	0.010	0.010	0.010	
Modem 49913	3/11/2025 10:10	3/11/2025 10:20	0.000	0.000	0.000	0.000	0.000	
Modem 49913	3/11/2025 10:00	3/11/2025 10:10	0.000	0.000	0.000	0.000	0.000	













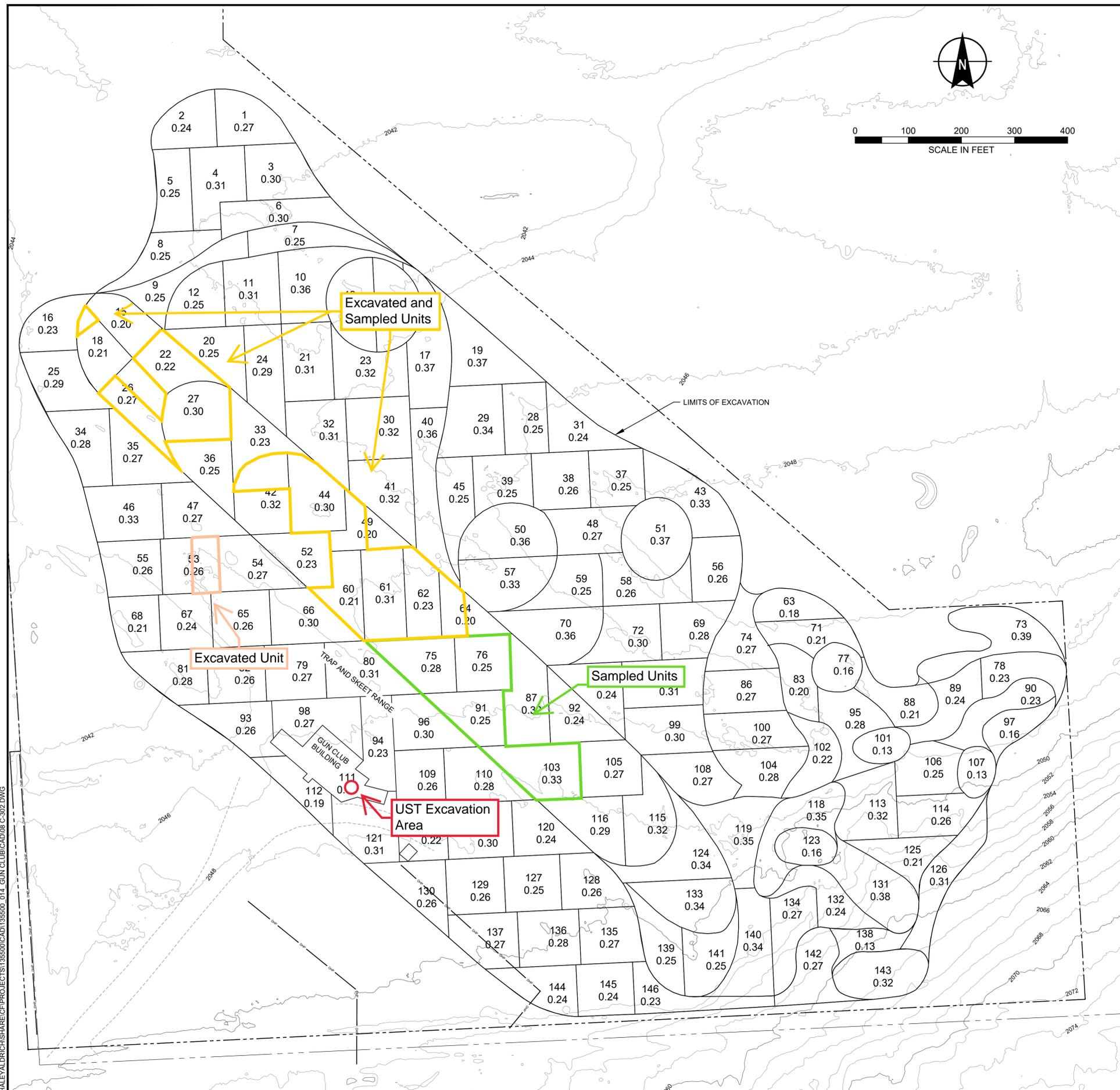
**NOTES**

- CONTRACTOR IS RESPONSIBLE FOR SURVEYING AND DELINEATING THE LIMITS OF THE SAMPLE UNITS SHOWN, AS NECESSARY TO COMPLETE THE WORK.
- CONTRACTOR SHALL NOT BACKFILL WITHIN THE LIMITS OF ANY INDIVIDUAL SAMPLING UNTIL RECEIVING APPROVAL BY THE ENGINEER.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR CONFIRMATION SAMPLING AT LEAST 2 WORKING DAYS IN ADVANCE FOR EACH SAMPLING UNIT.
- ALLOW UP TO 5 DAYS FOR THE ENGINEER TO COLLECT CONFIRMATION SAMPLES FOLLOWING IMPACTED SOIL EXCAVATION AND 10 TO 15 DAYS FOR ANALYTICAL RESULTS. CONFIRMATION SAMPLING RESULTS ARE EXPECTED TO TAKE BETWEEN 10 AND 15 DAYS, POSSIBLY LONGER. THE EXACT NUMBER OF DAYS REQUIRED WILL NOT BE KNOWN UNTIL THE FIRST SAMPLES ARE PROCESSED AND COULD VARY BETWEEN SAMPLING UNITS DEPENDING ON SHIPPING AND MOISTURE CONTENT. THE CONTRACTOR SHALL PLAN THE WORK ACCORDINGLY.
- ONCE A SAMPLING UNIT IS DESIGNATED FOR CONFIRMATION SAMPLING IMPACTED SOILS SHALL NO LONGER BE TRANSPORTED THROUGH THAT SAMPLING UNIT.
- CLEAN BACKFILL FROM THE REPOSITORY CAN BE STOCKPILED ADJACENT TO SAMPLING UNITS OUTSIDE THE LIMITS OF EXCAVATION IN LOCATIONS APPROVED BY THE ENGINEER.

**LEGEND**

- 73 SAMPLE UNIT ID
- 0.39 AREA (ACRES)

UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)
1	0.27	59	0.25	117	0.30
2	0.24	60	0.21	118	0.35
3	0.30	61	0.31	119	0.35
4	0.31	62	0.23	120	0.24
5	0.25	63	0.18	121	0.31
6	0.30	64	0.20	122	0.22
7	0.25	65	0.26	123	0.16
8	0.25	66	0.30	124	0.34
9	0.25	67	0.24	125	0.21
10	0.36	68	0.21	126	0.31
11	0.31	69	0.28	127	0.25
12	0.25	70	0.36	128	0.26
13	0.29	71	0.21	129	0.26
14	0.28	72	0.30	130	0.26
15	0.20	73	0.39	131	0.38
16	0.23	74	0.27	132	0.24
17	0.37	75	0.28	133	0.34
18	0.21	76	0.25	134	0.27
19	0.37	77	0.16	135	0.27
20	0.25	78	0.23	136	0.28
21	0.31	79	0.27	137	0.27
22	0.22	80	0.31	138	0.13
23	0.32	81	0.28	139	0.25
24	0.29	82	0.26	140	0.34
25	0.29	83	0.20	141	0.25
26	0.27	84	0.31	142	0.27
27	0.30	85	0.24	143	0.32
28	0.25	86	0.27	144	0.24
29	0.34	87	0.32	145	0.24
30	0.32	88	0.21	146	0.23
31	0.24	89	0.24	TOTAL	39.42
32	0.31	90	0.23		
33	0.23	91	0.25		
34	0.28	92	0.24		
35	0.27	93	0.26		
36	0.25	94	0.23		
37	0.25	95	0.28		
38	0.26	96	0.30		
39	0.25	97	0.16		
40	0.36	98	0.27		
41	0.32	99	0.30		
42	0.32	100	0.27		
43	0.33	101	0.13		
44	0.30	102	0.22		
45	0.25	103	0.33		
46	0.33	104	0.28		
47	0.27	105	0.27		
48	0.27	106	0.25		
49	0.20	107	0.13		
50	0.36	108	0.27		
51	0.37	109	0.26		
52	0.23	110	0.28		
53	0.26	111	0.19		
54	0.27	112	0.32		
55	0.26	113	0.26		
56	0.26	114	0.26		
57	0.33	115	0.32		
58	0.26	116	0.29		



LWP  
11 March 2025

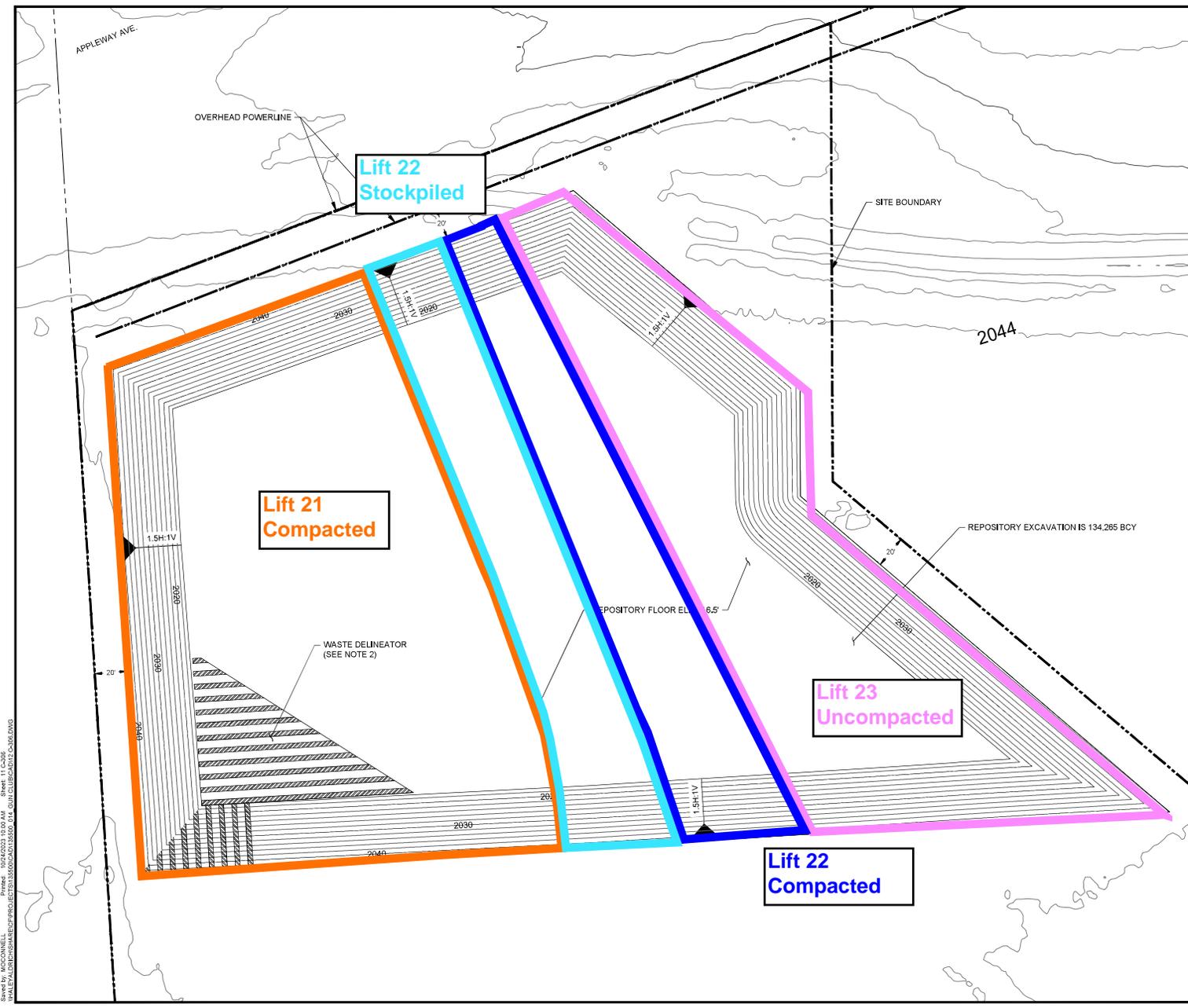
Project No.:	202349-001
Scale:	SHOWN
Date:	10/17/2023
Drawn By:	ZS/MO
Designed By:	BD
Checked By:	KH
Approved By:	JH/KH
Stamp:	

1	ISSUED FOR ECOLOGY	BD	05/18/23
0	ISSUED FOR BID	BD	10/18/23
Rev.	Description	By	Date

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE. #9656  
SPOKANE VALLEY,  
WASHINGTON

**CONFIRMATION  
SAMPLING PLAN**

**C-302**



**NOTES**

- PRIOR TO EXCAVATION TOPSOIL SHALL BE STRIPPED AND STOCKPILED.
- A VISUAL REFERENCE FOR THE DELINEATION BETWEEN NATIVE SOIL AND MATERIAL PLACED IN THE REPOSITORY IS REQUIRED. REFERRED TO HEREIN AS A WASTE DELINEATOR.
- ORANGE SILT FENCE IN ROLLS 5 FEET WIDE (OR AND APPROVED EQUAL) IS REQUIRED TO BE PLACED 8 FEET O.C. WITH A SPACING BETWEEN THE FABRIC OF 5 FEET IN THE BOTTOM AND ALONG THE CUT SLOPES OF THE REPOSITORY AS A WASTE DELINEATOR.
- THE ORIENTATION OF THE WASTE DELINEATOR CAN VARY ACROSS THE BOTTOM OF THE REPOSITORY EXCAVATION AS APPROVED BY THE ENGINEER.
- IMPACTED SOILS SHALL BE PLACED IN THE REPOSITORY IN HORIZONTAL LIFTS NOT TO EXCEED 1.5 FEET IN TOTAL THICKNESS AND COMPACTED TO AT LEAST 90% PER MODIFIED PROCTOR ASTM D 1557/ANSI TO 1.180.
- CONCRETE AND OTHER DEMOLITION DEBRIS APPROVED BY THE ENGINEER SHALL BE PLACED 10 OR MORE FEET BELOW THE LINER.
- CONTRACTOR SHALL STOCKPILE BOULDERS WITH GREATEST DIMENSIONS LARGER THAN 24 INCHES IN THE STOCKPILE LOCATION SHOWN ON SHEET C-301 OR AS APPROVED BY THE ENGINEER.
- WHEN PLACING BOULDERS OR COBBLES DO NOT NEST THEM SUCH THAT VOIDS ARE CREATED. BOULDERS AND COBBLES SHALL BE SPREAD OUT UNIFORMLY SO SOIL FILLS AROUND THEM.
- PLACEMENT OF OVERSEED MATERIALS (12 - 24 INCHES SHALL ALLOW COMPACTION EQUIPMENT TO COMPACT AROUND THE SIDES WITHOUT BEING IN CONTACT WITH NEARBY OVERSIZE MATERIAL THAT PRECLUDES UNIFORM COMPACTION.
- CONCRETE BROKEN INTO PIECES 12 TO 24 INCHES SHALL BE TREATED THE SAME AS OVERSIZE MATERIAL.
- CONCRETE SLABS CAN BE INCORPORATED INTO FILL WITHOUT PROCESSING IF THEY ARE PLACED ON A LEVEL SURFACE (E.G. NOT DUMPED), SUCH THAT THEY ARE FIRMLY SEATED AND BACKFILLED WITH SAND AND GRAVEL. CONCRETE SLABS SHALL NOT BE STACKED NESTED OR OTHERWISE PLACED SUCH THAT VOIDS ARE CREATED.
- CONTRACTOR SHALL PROVIDE AN EXCAVATION PLAN WHICH INCLUDES BOTH THE REPOSITORY EXCAVATION AND BACKFILLING AND THE EXCAVATION OF IMPACTED SOILS.



HALEY & ALDRICH  
505 W. RIVERSIDE AVE, SUITE 205  
SPOKANE, WA 99201  
TEL: 509.363.7447  
WWW.HALEYALDRICH.COM

Project No.	202349-001
Scale	SHOWN
Date	10/17/2023
Drawn By	ZSM/CT
Designed By	BD
Checked By	KH
Approved By	JHK/KC
Stamp	



1	ISSUED FOR ECOLOGY	BD	05/16/23
0	ISSUED FOR BE	BD	10/16/23
Rev.	Description	By	Date

**LWP**  
**11 march 2025**



CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE, #9656  
SPOKANE VALLEY,  
WASHINGTON

REPOSITORY  
SUBGRADE  
EXCAVATION PLAN

**C-306**

Sheet 11 of 21

Shared by: MCDONNELL  
 W:\HALEY\DR\H&A\ENR\PROJECTS\1556000\AD\1556000\_016\_CUN\_CLEANUP\016\_C-306.DWG  
 Printed: 10/24/2023 10:50 AM  
 Sheet: 11 of 26

**WWM**  
 Facility  
 1820 ... Road  
 Waste Management 9022

Reprint  
 Ticket# /43616  
 Ph: (509)244-0151

Customer Name HALMECONSINC HALME CONST Carrier HALME HALME CONSTRUCTION  
 Ticket Date 03/11/2025 Vehicle# RICK  
 Payment Type Credit Account Container  
 Manual Ticket# Driver RICK  
 Route Check#  
 Hauling Ticket# Billing# 0000084  
 Destination Grid  
 Manifest 119570wa  
 Profile 119570WA (LF01: DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
 Generator CVSD GUN-19615 CVSD GUN CLUB 19615 E SPRAGUE AVE LIBERTY LAKE  
 PO# 119570wa

Time	Scale	Operator	Inbound	Gross	Weight
In 03/11/2025 08:03:11	Scale1	amahurin		Tare	46400 lb
Out 03/11/2025 08:16:30	Scale1	amahurin		Net	60920 lb
				Tons	30.46

Comments

Product	UOM	Qty	DOM	Rate	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons-	100	30.46	Tons				SPOKANE
2 ENERGY-Energy Surcharge	100						
3 WWM-P-Waste Water Manag	100						
4 SRHD1-Spokane Regional	100	30.46	Tons				

Total Tax/Fees  
 Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

**W**  
 Graham Road Facility  
 1820 S. Graham Road  
 Medical Waste Management 99022

Original  
 Ticket# 743632  
 Ph: (509)244-0151

Customer Name HALMECONSINC HALME CONST Carrier HALME HALME CONSTRUCTION  
 Ticket Date 03/11/2025 Vehicle# RICK  
 Payment Type Credit Account Container  
 Manual Ticket# Driver RICK  
 Route Check#  
 Hauling Ticket# Billing# 0000084  
 Destination Grid  
 Manifest 119570WA  
 Profile 119570WA (LF01: DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
 Generator CVSD GUN-19615 CVSD GUN CLUB 19615 E SPRAGUE AVE LIBERTY LAKE  
 PO# 119570WA

Time	Scale	Operator	Inbound	Gross	
In 03/11/2025 09:38:09	Scale1	amahurin		Tare	103720 lb
Out 03/11/2025 09:50:26	Scale1	amahurin		Net	46300 lb
				Tons	57420 lb
					28.71

Comments

Product	LD%	Qty	UOM	Rate	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons-	100	28.71	Tons				SPOKANE
2 ENERGY-Energy Surcharge	100		%				SPOKANE
3 WWM-P-Waste Water Manag	100		%				SPOKANE
4 SRHD1-Spokane Regional	100	28.71	Tons				SPOKANE

Total Tax/Fees  
 Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

**W**  
 Graham Road Facility  
 1820 S. Graham Road  
 Medical Waste Management 99022

Original  
 Ticket# 743649  
 Ph: (509)244-0151

Customer Name HALMECONSINC HALME CONST Carrier HALME HALME CONSTRUCTION  
 Ticket Date 03/11/2025 Vehicle# RICK  
 Payment Type Credit Account Container  
 Manual Ticket# Driver RICK  
 Route Check#  
 Hauling Ticket# Billing# 0000084  
 Destination Grid  
 Manifest 119570wa  
 Profile 119570WA (LF01: DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
 Generator CVSD GUN-19615 CVSD GUN CLUB 19615 E SPRAGUE AVE LIBERTY LAKE  
 PO# 119570wa

Time	Scale	Operator	Inbound	Gross	98620 lb
In 03/11/2025 11:15:26	Scale1	amahurin		Tare	46200 lb
Out 03/11/2025 11:28:18	Scale1	amahurin		Net	52420 lb
				Tons	26.21

Comments

Product	LD%	Qty	UOM	Rate	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons-	100	26.21	Tons				SPOKANE
2 ENERGY-Energy Surcharge	100		%				SPOKANE
3 WWM-P-Waste Water Manag	100		%				SPOKANE
4 SRHD1-Spokane Regional	100	26.21	Tons				SPOKANE

Total Tax/Fees  
 Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

**W**  
Graham Road Facility  
1820 S. Graham Road  
Medi WASTE MANAGEMENT 99022

Original  
Ticket# 743669  
Ph: (509)244-0151

Customer Name HALMECONSINC HALME CONST Carrier HALME HALME CONSTRUCTION  
Ticket Date 03/11/2025 Vehicle# RICK  
Payment Type Credit Account Container  
Manual Ticket# Driver RICK  
Route Check#  
Hauling Ticket# Billing# 0000084  
Destination Grid  
Manifest 119570WA  
Profile 119570WA (LF01: DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
Generator CVSD GUN-19615 CVSD GUN CLUB 19615 E SPRAGUE AVE LIBERTY LAKE  
PO# 119570WA

Time	Scale	Operator	Inbound	Gross	93680 lb
In 03/11/2025 12:49:15	Scale1	amahurin		Tare	46140 lb
Out 03/11/2025 13:01:43	Scale1	amahurin		Net	47540 lb
				Tons	23.77

Comments

Product	LD%	Qty	UOM	Rate	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons-	100	23.77	Tons				SPOKANE
2 ENERGY-Energy Surcharge	100		%				SPOKANE
3 WWM-P-Waste Water Manag	100		%				SPOKANE
4 SRHD1-Spokane Regional	100	23.77	Tons				SPOKANE

Total Tax/Fees  
Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

**W**  
Graham Road Facility  
1820 S. Graham Road  
Medi WASTE WASTE WASTE 99022

Original  
Ticket# 743683  
Ph: (509)244-0151

Customer Name HALMECONSINC HALME CONST Carrier HALME HALME CONSTRUCTION  
Ticket Date 03/11/2025 Vehicle# RICK  
Payment Type Credit Account Container  
Manual Ticket# Driver RICK  
Route Check#  
Hauling Ticket# Billing# 0000084  
Destination Grid  
Manifest 119570WA  
Profile 119570WA (LF01: DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
Generator CVSD GUN-19615 CVSD GUN CLUB 19615 E SPRAGUE AVE LIBERTY LAKE  
PO# 119570WA

Time	Scale	Operator	Inbound	Gross	
In 03/11/2025 14:25:12	Scale1	amahurin		Tare	100180 lb 46020 lb
Out 03/11/2025 14:38:51	Scale1	amahurin		Net	54160 lb
				Tons	27.08

Comments

Product	LD	Qty	UOM	Rate	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons-	100	27.08	Tons				SPOKANE
2 ENERGY-Energy Surcharge	100		%				SPOKANE
3 WWM-P-Waste Water Manag	100		%				SPOKANE
4 SRHD1-Spokane Regional	100	27.08	Tons				SPOKANE

Total Tax/Fees  
Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	77
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	12 March 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Rainy	<b>Temperature</b>	37-50°F

**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: Haley & Aldrich, Inc. (Haley & Aldrich) observed Halme excavate Units on the north side of the Site (primarily Units 10, 11, and 12), which were mostly or entirely covered by the original northwestern contaminated stockpile. Soil from this side of the Site was taken directly to the repository as fill for Lift No. 22.

Haley & Aldrich also observed further excavation of soil underneath and surrounding the Underground Storage Tank (UST). Soil on the perimeter of the contaminated area with no field indicators of contamination was excavated and placed into small stockpiles nearby, while soil from the bottom of the hole at the center of the contaminated area was excavated and loaded into a truck to dispose of off-Site. Five contaminated tractor trailer loads of contaminated material were removed from the Site today and transported to the Graham Road Waste Management Landfill. Waste disposal tickets are attached.

Three PID readings were collected today and can be found in the table below.

Table 1. UST Screening	
Depth of Excavation (feet)	Max PID Reading (ppm)
36	86.0
37	88.6
38	82.0

- b. Confirmation Sampling: No confirmation samples were taken today.
- c. Backfill: Haley & Aldrich observed backfilling of Lift No. 22 in the repository. Halme brought in fill to the repository for Lift No. 22, depositing this soil in small stockpiles.

**II. DUST MONITORING:**

Dust Monitors (DMs) with telemetry capabilities were deployed in advance of excavation and backfill today and operated from 07:15 to 15:00. Samsara DM 47181 was positioned upwind of Site work and DM 49913 was positioned downwind of Site work. The relative humidity in the morning was approximately 92 percent and the wind was to the southwest.

Dust levels did not exceed the threshold of 2.5 milligrams per cubic meter (mg/m<sup>3</sup>) total particulates nor the threshold of 0.025 mg/m<sup>3</sup> PM<sub>10</sub> 120-minute rolling average at the downwind property boundary. Site observations indicated that dust was well-controlled. Dust monitoring data is attached.

**III. COMPACTION TESTING:**

No compaction tests were performed today.

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	77
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	12 March 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	2 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Rainy	<b>Temperature</b>	37-50°F

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<b><u>Field Representative(s)</u></b>	<b><u>Time on Site</u></b>	<b><u>Report/Travel/Other</u></b>	<b><u>Total</u></b>
Luke Peden	8.25 hours	1.25 hours	9.50 hours

**Distribution:**

CVSD; Attn: Jay Rowell  
OAC Services, Inc.; Attn: Jeff Jurgensen

**Attachments:**

Attachment A – Photo Log  
Attachment B – Dust Monitoring Data  
Attachment C – Confirmation Sampling Plan  
Attachment D – Repository Subgrade Excavation Plan  
Attachment E – Waste Disposal Tickets



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Haley & Aldrich, Inc.

[https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/03 - March/03\\_12\\_25\\_LWP\\_DFR\\_77/03\\_12\\_25\\_LWP\\_DFR.docx](https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/03 - March/03_12_25_LWP_DFR_77/03_12_25_LWP_DFR.docx)



Photo 01. Perimeter excavation of UST area, facing southwest.



Photo 02. Repository middle-of-day, facing southeast.

**Site Photographs – 12 March 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA

**HALEY  
ALDRICH**

**Attachment A**



Photo 03. Further excavation of UST area, facing northwest.



Photo 04. Bottom of UST excavation area, facing northwest.

**Site Photographs – 12 March 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA

**HALEY  
ALDRICH**

**Attachment A**



Photo 05. Excavation of large stockpile on top of northern Units (10, 11, 12), facing east.



Photo 06. Excavation of large stockpile on top of northern Units, facing north.

**Site Photographs – 12 March 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA

**HALEY  
ALDRICH**

**Attachment A**

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM 10 120 min Avg.
	(Eastern)	(Eastern)	(mg/m <sup>3</sup> )					
<b>Upwind</b>								
Modem 47181	3/12/2025 19:50	3/12/2025 20:00	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	3/12/2025 19:40	3/12/2025 19:50	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	3/12/2025 19:30	3/12/2025 19:40	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	3/12/2025 19:20	3/12/2025 19:30	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	3/12/2025 19:10	3/12/2025 19:20	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	3/12/2025 19:00	3/12/2025 19:10	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	3/12/2025 18:50	3/12/2025 19:00	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	3/12/2025 18:40	3/12/2025 18:50	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	3/12/2025 18:30	3/12/2025 18:40	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	3/12/2025 18:20	3/12/2025 18:30	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	3/12/2025 18:10	3/12/2025 18:20	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	3/12/2025 18:00	3/12/2025 18:10	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	3/12/2025 17:50	3/12/2025 18:00	0.003	0.003	0.003	0.003	0.003	0.003
Modem 47181	3/12/2025 17:40	3/12/2025 17:50	0.003	0.003	0.003	0.003	0.003	0.004
Modem 47181	3/12/2025 17:30	3/12/2025 17:40	0.003	0.003	0.003	0.003	0.003	0.004
Modem 47181	3/12/2025 17:20	3/12/2025 17:30	0.002	0.002	0.002	0.002	0.002	0.004
Modem 47181	3/12/2025 17:10	3/12/2025 17:20	0.002	0.002	0.002	0.002	0.002	0.005
Modem 47181	3/12/2025 17:00	3/12/2025 17:10	0.003	0.003	0.004	0.004	0.004	0.005
Modem 47181	3/12/2025 16:50	3/12/2025 17:00	0.006	0.006	0.006	0.007	0.007	0.005
Modem 47181	3/12/2025 16:40	3/12/2025 16:50	0.003	0.003	0.003	0.003	0.003	0.006
Modem 47181	3/12/2025 16:30	3/12/2025 16:40	0.003	0.003	0.003	0.003	0.003	0.006
Modem 47181	3/12/2025 16:20	3/12/2025 16:30	0.003	0.003	0.003	0.004	0.004	0.007
Modem 47181	3/12/2025 16:10	3/12/2025 16:20	0.003	0.004	0.004	0.004	0.000	0.007
Modem 47181	3/12/2025 16:00	3/12/2025 16:10	0.004	0.004	0.004	0.004	0.004	0.008
Modem 47181	3/12/2025 15:50	3/12/2025 16:00	0.005	0.006	0.006	0.006	0.006	0.009
Modem 47181	3/12/2025 15:40	3/12/2025 15:50	0.006	0.007	0.007	0.007	0.007	0.009
Modem 47181	3/12/2025 15:30	3/12/2025 15:40	0.004	0.005	0.005	0.005	0.005	0.009
Modem 47181	3/12/2025 15:20	3/12/2025 15:30	0.005	0.005	0.006	0.006	0.006	0.010
Modem 47181	3/12/2025 15:10	3/12/2025 15:20	0.007	0.007	0.007	0.008	0.008	0.010
Modem 47181	3/12/2025 15:00	3/12/2025 15:10	0.007	0.007	0.007	0.007	0.007	0.010
Modem 47181	3/12/2025 14:50	3/12/2025 15:00	0.009	0.009	0.010	0.010	0.010	0.011
Modem 47181	3/12/2025 14:40	3/12/2025 14:50	0.009	0.009	0.009	0.009	0.009	0.011
Modem 47181	3/12/2025 14:30	3/12/2025 14:40	0.009	0.009	0.009	0.009	0.009	0.011
Modem 47181	3/12/2025 14:20	3/12/2025 14:30	0.010	0.010	0.010	0.011	0.011	0.011
Modem 47181	3/12/2025 14:10	3/12/2025 14:20	0.010	0.010	0.011	0.011	0.011	0.011
Modem 47181	3/12/2025 14:00	3/12/2025 14:10	0.010	0.010	0.010	0.010	0.010	0.011
Modem 47181	3/12/2025 13:50	3/12/2025 14:00	0.011	0.011	0.011	0.012	0.012	0.011
Modem 47181	3/12/2025 13:40	3/12/2025 13:50	0.011	0.011	0.011	0.012	0.012	0.010
Modem 47181	3/12/2025 13:30	3/12/2025 13:40	0.010	0.010	0.010	0.011	0.011	0.010
Modem 47181	3/12/2025 13:20	3/12/2025 13:30	0.010	0.010	0.010	0.010	0.010	0.010
Modem 47181	3/12/2025 13:10	3/12/2025 13:20	0.011	0.011	0.011	0.012	0.013	0.010
Modem 47181	3/12/2025 13:00	3/12/2025 13:10	0.010	0.010	0.010	0.011	0.011	0.009
Modem 47181	3/12/2025 12:50	3/12/2025 13:00	0.010	0.010	0.009	0.010	0.010	0.009
Modem 47181	3/12/2025 12:40	3/12/2025 12:50	0.009	0.009	0.009	0.010	0.010	0.010
Modem 47181	3/12/2025 12:30	3/12/2025 12:40	0.009	0.009	0.009	0.009	0.009	0.010

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT  
 SPOKANE VALLEY, WASHINGTON  
 FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM 10 120 min Avg.
	(Eastern)	(Eastern)	(mg/m <sup>3</sup> )					
Modem 47181	3/12/2025 12:20	3/12/2025 12:30	0.009	0.009	0.009	0.009	0.010	0.010
Modem 47181	3/12/2025 12:10	3/12/2025 12:20	0.009	0.009	0.009	0.010	0.010	0.009
Modem 47181	3/12/2025 12:00	3/12/2025 12:10	0.010	0.010	0.010	0.010	0.010	0.009
Modem 47181	3/12/2025 11:50	3/12/2025 12:00	0.009	0.010	0.010	0.010	0.010	
Modem 47181	3/12/2025 11:40	3/12/2025 11:50	0.007	0.007	0.008	0.008	0.008	
Modem 47181	3/12/2025 11:30	3/12/2025 11:40	0.007	0.008	0.008	0.008	0.008	
Modem 47181	3/12/2025 11:20	3/12/2025 11:30	0.008	0.009	0.009	0.009	0.009	
Modem 47181	3/12/2025 11:10	3/12/2025 11:20	0.008	0.008	0.008	0.009	0.009	
Modem 47181	3/12/2025 11:00	3/12/2025 11:10	0.009	0.009	0.009	0.009	0.009	
Modem 47181	3/12/2025 10:50	3/12/2025 11:00	0.010	0.011	0.011	0.011	0.011	
Modem 47181	3/12/2025 10:40	3/12/2025 10:50	0.011	0.011	0.011	0.011	0.011	
Modem 47181	3/12/2025 10:30	3/12/2025 10:40	0.012	0.012	0.012	0.012	0.012	
Modem 47181	3/12/2025 10:20	3/12/2025 10:30	0.011	0.011	0.012	0.012	0.012	
Modem 47181	3/12/2025 10:10	3/12/2025 10:20	0.001	0.001	0.001	0.002	0.002	
Modem 47181	3/12/2025 10:00	3/12/2025 10:10	0.001	0.001	0.001	0.002	0.002	
<b>Downwind</b>								
Modem 49913	3/12/2025 19:50	3/12/2025 20:00	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/12/2025 19:40	3/12/2025 19:50	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/12/2025 19:30	3/12/2025 19:40	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/12/2025 19:20	3/12/2025 19:30	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/12/2025 19:10	3/12/2025 19:20	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/12/2025 19:00	3/12/2025 19:10	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/12/2025 18:50	3/12/2025 19:00	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/12/2025 18:40	3/12/2025 18:50	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/12/2025 18:30	3/12/2025 18:40	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/12/2025 18:20	3/12/2025 18:30	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/12/2025 18:10	3/12/2025 18:20	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/12/2025 18:00	3/12/2025 18:10	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/12/2025 17:50	3/12/2025 18:00	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/12/2025 17:40	3/12/2025 17:50	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/12/2025 17:30	3/12/2025 17:40	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/12/2025 17:20	3/12/2025 17:30	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/12/2025 17:10	3/12/2025 17:20	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/12/2025 17:00	3/12/2025 17:10	0.000	0.000	0.000	0.000	0.000	0.002
Modem 49913	3/12/2025 16:50	3/12/2025 17:00	0.004	0.004	0.004	0.004	0.004	0.002
Modem 49913	3/12/2025 16:40	3/12/2025 16:50	0.000	0.000	0.000	0.000	0.000	0.002
Modem 49913	3/12/2025 16:30	3/12/2025 16:40	0.000	0.000	0.000	0.000	0.000	0.003
Modem 49913	3/12/2025 16:20	3/12/2025 16:30	0.000	0.000	0.000	0.000	0.000	0.003
Modem 49913	3/12/2025 16:10	3/12/2025 16:20	0.001	0.001	0.001	0.001	0.001	0.004
Modem 49913	3/12/2025 16:00	3/12/2025 16:10	0.001	0.001	0.001	0.001	0.001	0.005
Modem 49913	3/12/2025 15:50	3/12/2025 16:00	0.002	0.002	0.002	0.002	0.002	0.005
Modem 49913	3/12/2025 15:40	3/12/2025 15:50	0.003	0.003	0.003	0.003	0.003	0.006
Modem 49913	3/12/2025 15:30	3/12/2025 15:40	0.002	0.002	0.002	0.002	0.002	0.006
Modem 49913	3/12/2025 15:20	3/12/2025 15:30	0.002	0.002	0.002	0.003	0.003	0.007
Modem 49913	3/12/2025 15:10	3/12/2025 15:20	0.002	0.002	0.002	0.002	0.002	0.007
Modem 49913	3/12/2025 15:00	3/12/2025 15:10	0.005	0.005	0.005	0.005	0.005	0.008

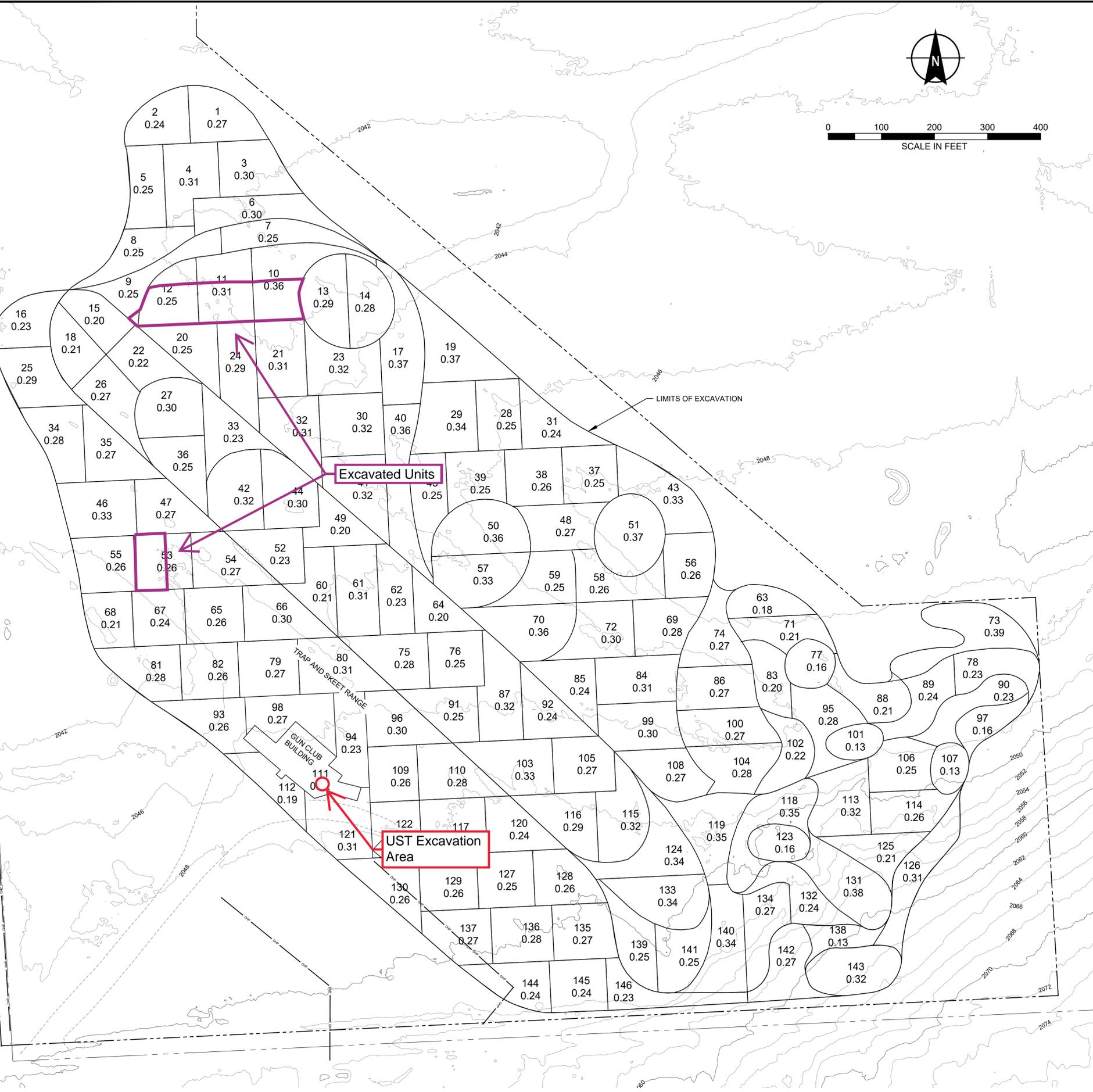
DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM 10 120 min Avg.
	(Eastern)	(Eastern)	(mg/m <sup>3</sup> )					
Modem 49913	3/12/2025 14:50	3/12/2025 15:00	0.006	0.006	0.006	0.006	0.006	0.008
Modem 49913	3/12/2025 14:40	3/12/2025 14:50	0.006	0.006	0.006	0.006	0.006	0.008
Modem 49913	3/12/2025 14:30	3/12/2025 14:40	0.007	0.007	0.007	0.007	0.007	0.008
Modem 49913	3/12/2025 14:20	3/12/2025 14:30	0.007	0.007	0.007	0.007	0.007	0.008
Modem 49913	3/12/2025 14:10	3/12/2025 14:20	0.007	0.007	0.008	0.008	0.008	0.008
Modem 49913	3/12/2025 14:00	3/12/2025 14:10	0.008	0.009	0.009	0.009	0.009	0.008
Modem 49913	3/12/2025 13:50	3/12/2025 14:00	0.009	0.009	0.009	0.010	0.010	0.008
Modem 49913	3/12/2025 13:40	3/12/2025 13:50	0.009	0.009	0.009	0.009	0.009	0.008
Modem 49913	3/12/2025 13:30	3/12/2025 13:40	0.009	0.009	0.009	0.010	0.010	0.008
Modem 49913	3/12/2025 13:20	3/12/2025 13:30	0.009	0.009	0.009	0.009	0.009	0.008
Modem 49913	3/12/2025 13:10	3/12/2025 13:20	0.009	0.009	0.009	0.009	0.009	0.008
Modem 49913	3/12/2025 13:00	3/12/2025 13:10	0.008	0.008	0.008	0.009	0.009	0.008
Modem 49913	3/12/2025 12:50	3/12/2025 13:00	0.008	0.008	0.008	0.008	0.008	0.008
Modem 49913	3/12/2025 12:40	3/12/2025 12:50	0.007	0.007	0.007	0.007	0.007	0.009
Modem 49913	3/12/2025 12:30	3/12/2025 12:40	0.006	0.007	0.007	0.007	0.007	0.009
Modem 49913	3/12/2025 12:20	3/12/2025 12:30	0.007	0.007	0.007	0.007	0.007	0.008
Modem 49913	3/12/2025 12:10	3/12/2025 12:20	0.007	0.007	0.007	0.007	0.007	0.008
Modem 49913	3/12/2025 12:00	3/12/2025 12:10	0.008	0.009	0.009	0.009	0.009	0.007
Modem 49913	3/12/2025 11:50	3/12/2025 12:00	0.008	0.008	0.008	0.008	0.008	
Modem 49913	3/12/2025 11:40	3/12/2025 11:50	0.006	0.006	0.007	0.007	0.007	
Modem 49913	3/12/2025 11:30	3/12/2025 11:40	0.006	0.006	0.006	0.006	0.006	
Modem 49913	3/12/2025 11:20	3/12/2025 11:30	0.008	0.008	0.008	0.008	0.008	
Modem 49913	3/12/2025 11:10	3/12/2025 11:20	0.008	0.008	0.008	0.008	0.008	
Modem 49913	3/12/2025 11:00	3/12/2025 11:10	0.009	0.010	0.010	0.010	0.010	
Modem 49913	3/12/2025 10:50	3/12/2025 11:00	0.012	0.012	0.012	0.012	0.012	
Modem 49913	3/12/2025 10:40	3/12/2025 10:50	0.015	0.015	0.015	0.015	0.015	
Modem 49913	3/12/2025 10:30	3/12/2025 10:40	0.013	0.013	0.013	0.013	0.013	
Modem 49913	3/12/2025 10:20	3/12/2025 10:30	0.000	0.000	0.000	0.000	0.000	
Modem 49913	3/12/2025 10:10	3/12/2025 10:20	0.000	0.000	0.000	0.000	0.000	
Modem 49913	3/12/2025 10:00	3/12/2025 10:10	0.000	0.000	0.000	0.000	0.000	



**NOTES**

1. CONTRACTOR IS RESPONSIBLE FOR SURVEYING AND DELINEATING THE LIMITS OF THE SAMPLE UNITS SHOWN, AS NECESSARY TO COMPLETE THE WORK.
2. CONTRACTOR SHALL NOT BACKFILL WITHIN THE LIMITS OF ANY INDIVIDUAL SAMPLING UNTIL RECEIVING APPROVAL BY THE ENGINEER.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR CONFIRMATION SAMPLING AT LEAST 2 WORKING DAYS IN ADVANCE FOR EACH SAMPLING UNIT.
4. ALLOW UP TO 5 DAYS FOR THE ENGINEER TO COLLECT CONFIRMATION SAMPLES FOLLOWING IMPACTED SOIL EXCAVATION AND 10 TO 15 DAYS FOR ANALYTICAL RESULTS. CONFIRMATION SAMPLING RESULTS ARE EXPECTED TO TAKE BETWEEN 10 AND 15 DAYS, POSSIBLY LONGER. THE EXACT NUMBER OF DAYS REQUIRED WILL NOT BE KNOWN UNTIL THE FIRST SAMPLES ARE PROCESSED AND COULD VARY BETWEEN SAMPLING UNITS DEPENDING ON SHIPPING AND MOISTURE CONTENT. THE CONTRACTOR SHALL PLAN THE WORK ACCORDINGLY.
5. ONCE A SAMPLING UNIT IS DESIGNATED FOR CONFIRMATION SAMPLING IMPACTED SOILS SHALL NO LONGER BE TRANSPORTED THROUGH THAT SAMPLING UNIT.
6. CLEAN BACKFILL FROM THE REPOSITORY CAN BE STOCKPILED ADJACENT TO SAMPLING UNITS OUTSIDE THE LIMITS OF EXCAVATION IN LOCATIONS APPROVED BY THE ENGINEER.

**LEGEND**

- 73 SAMPLE UNIT ID
- 0.39 AREA (ACRES)

UNIT ID	AREA (AC.)
1	0.27
2	0.24
3	0.30
4	0.31
5	0.25
6	0.30
7	0.25
8	0.25
9	0.25
10	0.36
11	0.31
12	0.25
13	0.29
14	0.28
15	0.20
16	0.23
17	0.37
18	0.21
19	0.37
20	0.25
21	0.31
22	0.22
23	0.32
24	0.29
25	0.29
26	0.27
27	0.30
28	0.25
29	0.34
30	0.32
31	0.24
32	0.31
33	0.23
34	0.28
35	0.27
36	0.25
37	0.25
38	0.26
39	0.25
40	0.36
41	0.25
42	0.32
43	0.33
44	0.30
45	0.25
46	0.33
47	0.27
48	0.27
49	0.20
50	0.36
51	0.37
52	0.23
53	0.26
54	0.27
55	0.26
56	0.26
57	0.33
58	0.26
59	0.25
60	0.21
61	0.31
62	0.23
63	0.18
64	0.20
65	0.26
66	0.30
67	0.24
68	0.21
69	0.28
70	0.25
71	0.21
72	0.30
73	0.39
74	0.27
75	0.28
76	0.25
77	0.16
78	0.23
79	0.27
80	0.31
81	0.28
82	0.26
83	0.20
84	0.31
85	0.24
86	0.27
87	0.32
88	0.21
89	0.24
90	0.23
91	0.25
92	0.24
93	0.26
94	0.23
95	0.28
96	0.30
97	0.16
98	0.27
99	0.30
100	0.27
101	0.13
102	0.22
103	0.33
104	0.28
105	0.27
106	0.25
107	0.13
108	0.27
109	0.26
110	0.28
111	0.19
112	0.31
113	0.32
114	0.26
115	0.32
116	0.29
117	0.30
118	0.35
119	0.35
120	0.24
121	0.31
122	0.24
123	0.16
124	0.34
125	0.21
126	0.31
127	0.25
128	0.26
129	0.26
130	0.26
131	0.38
132	0.24
133	0.34
134	0.27
135	0.27
136	0.28
137	0.27
138	0.13
139	0.25
140	0.34
141	0.25
142	0.27
143	0.32
144	0.24
145	0.24
146	0.23
147	0.27
148	0.27
149	0.20
150	0.36
151	0.37
152	0.23
153	0.26
154	0.26
155	0.26
156	0.26
157	0.33
158	0.26

UNIT ID	AREA (AC.)
59	0.25
60	0.21
61	0.31
62	0.23
63	0.18
64	0.20
65	0.26
66	0.30
67	0.24
68	0.21
69	0.28
70	0.36
71	0.21
72	0.30
73	0.39
74	0.27
75	0.28
76	0.25
77	0.16
78	0.23
79	0.27
80	0.31
81	0.28
82	0.26
83	0.20
84	0.31
85	0.24
86	0.27
87	0.32
88	0.21
89	0.24
90	0.23
91	0.25
92	0.24
93	0.26
94	0.23
95	0.28
96	0.30
97	0.16
98	0.27
99	0.30
100	0.27
101	0.13
102	0.22
103	0.33
104	0.28
105	0.27
106	0.25
107	0.13
108	0.27
109	0.26
110	0.28
111	0.32
112	0.31
113	0.32
114	0.26
115	0.32
116	0.29

UNIT ID	AREA (AC.)
117	0.30
118	0.35
119	0.35
120	0.24
121	0.31
122	0.22
123	0.16
124	0.34
125	0.21
126	0.31
127	0.25
128	0.26
129	0.26
130	0.26
131	0.38
132	0.24
133	0.34
134	0.27
135	0.27
136	0.28
137	0.27
138	0.13
139	0.25
140	0.34
141	0.25
142	0.27
143	0.32
144	0.24
145	0.24
146	0.23
TOTAL	39.42

LWP  
12 March 2025

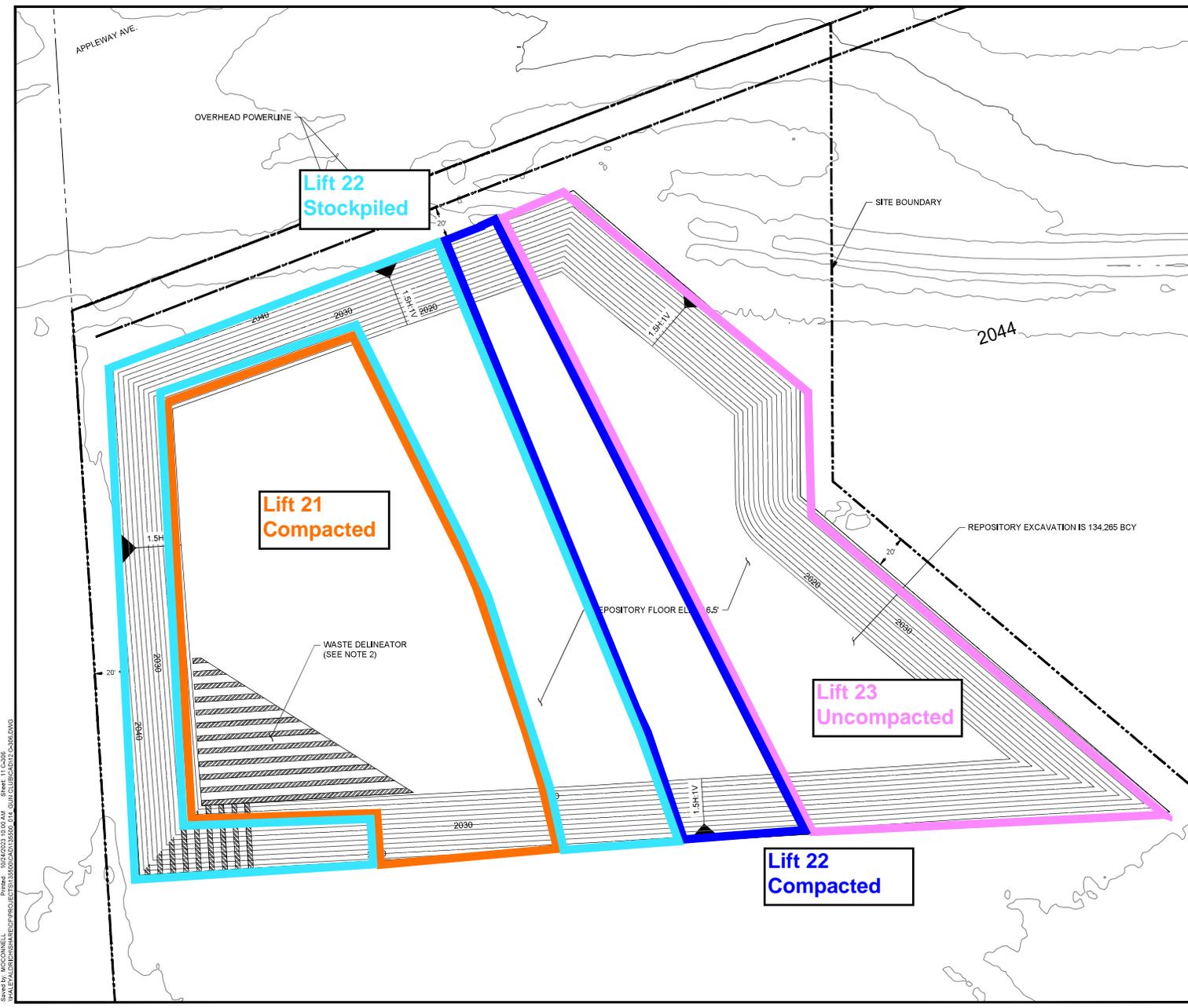
Project No.:	202349-001
Scale:	SHOWN
Date:	10/17/2023
Drawn By:	ZS/MO
Designed By:	BD
Checked By:	KH
Approved By:	JH/KH
Stamp:	

1	ISSUED FOR ECOLOGY	BD	05/18/23
0	ISSUED FOR BID	BD	10/18/23
Rev.	Description	By	Date

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE. #9656  
SPOKANE VALLEY,  
WASHINGTON

**CONFIRMATION SAMPLING PLAN**

**C-302**



**NOTES**

- PRIOR TO EXCAVATION TOPSOIL SHALL BE STRIPPED AND STOCKPILED.
- A VISUAL REFERENCE FOR THE DELINEATION BETWEEN NATIVE SOIL AND MATERIAL PLACED IN THE REPOSITORY IS REQUIRED, REFERRED TO HEREIN AS A WASTE DELINEATOR.
- ORANGE SILT FENCE IN ROLLS 5 FEET WIDE (OR AND APPROVED EQUAL) IS REQUIRED TO BE PLACED 8 FEET O.C. WITH A SPACING BETWEEN THE FABRIC OF 5 FEET IN THE BOTTOM AND ALONG THE CUT SLOPES OF THE REPOSITORY AS A WASTE DELINEATOR.
- THE ORIENTATION OF THE WASTE DELINEATOR CAN VARY ACROSS THE BOTTOM OF THE REPOSITORY EXCAVATION AS APPROVED BY THE ENGINEER.
- IMPACTED SOILS SHALL BE PLACED IN THE REPOSITORY IN HORIZONTAL LIFTS NOT TO EXCEED 1.5 FEET IN TOTAL THICKNESS AND COMPACTED TO AT LEAST 90% PER MODIFIED PROCTOR ASTM D 1557/ANSI TO 1.180.
- CONCRETE AND OTHER DEMOLITION DEBRIS APPROVED BY THE ENGINEER SHALL BE PLACED 10 OR MORE FEET BELOW THE LINER.
- CONTRACTOR SHALL STOCKPILE BOULDERS WITH GREATEST DIMENSIONS LARGER THAN 24 INCHES IN THE STOCKPILE LOCATION SHOWN ON SHEET C-301 OR AS APPROVED BY THE ENGINEER.
- WHEN PLACING BOULDERS OR COBBLES DO NOT NEST THEM SUCH THAT VOIDS ARE CREATED. BOULDERS AND COBBLES SHALL BE SPREAD OUT UNIFORMLY SO SOIL FILLS AROUND THEM.
- PLACEMENT OF OVERSEED MATERIALS (12 - 24 INCHES) SHALL ALLOW COMPACTION EQUIPMENT TO COMPACT AROUND THE SIDES WITHOUT BEING IN CONTACT WITH NEARBY OVERSIZE MATERIAL THAT PRECLUDES UNIFORM COMPACTION.
- CONCRETE BROKEN INTO PIECES 12 TO 24 INCHES SHALL BE TREATED THE SAME AS OVERSIZE MATERIAL.
- CONCRETE SLABS CAN BE INCORPORATED INTO FILL WITHOUT PROCESSING IF THEY ARE PLACED ON A LEVEL SURFACE (E.G. NOT DUMPED), SUCH THAT THEY ARE FIRMLY SEATED AND BACKFILLED WITH SAND AND GRAVEL. CONCRETE SLABS SHALL NOT BE STACKED NESTED OR OTHERWISE PLACED SUCH THAT VOIDS ARE CREATED.
- CONTRACTOR SHALL PROVIDE AN EXCAVATION PLAN WHICH INCLUDES BOTH THE REPOSITORY EXCAVATION AND BACKFILLING AND THE EXCAVATION OF IMPACTED SOILS.



HALEY & ALDRICH  
505 W. RIVERSIDE AVE, SUITE 205  
SPOKANE, WA 99201  
TEL: 509.363.7447  
WWW.HALEYALDRICH.COM

Project No.	202349-001
Scale	SHOWN
Date	10/17/2023
Drawn By	ZSM/2
Designed By	BD
Checked By	KH
Approved By	JHK/K
Stamp	




1	ISSUED FOR ECOLOGY	BD	05/16/23
0	ISSUED FOR BE	BD	10/16/23
Rev.	Description	By	Date

**LWP**  
**12 March 2025**



0 30 60 90 120  
SCALE IN FEET

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE, #9656  
SPOKANE VALLEY,  
WASHINGTON

REPOSITORY  
SUBGRADE  
EXCAVATION PLAN

**C-306**  
Sheet 11 of 21

**W**  
Graham Road Facility  
1820 S. Graham Road  
Mediast Lake, WA 99022

Original  
Ticket# 743711

Ph: (509)244-0151

Customer Name HALMECONSINC HALME CONST Carrier HALME HALME CONSTRUCTION  
Ticket Date 03/12/2025 Vehicle# RICK  
Payment Type Credit Account Container  
Manual Ticket# Driver RICK  
Route Check#  
Hauling Ticket# Billing# 0000084  
Destination Grid  
Manifest 119570WA  
Profile 119570WA (LF01: DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
Generator CVSD GUN-19615 CVSD GUN CLUB 19615 E SPRAGUE AVE LIBERTY LAKE  
PO# 119570WA

Time	Scale	Operator	Inbound	Gross	
In 03/12/2025 07:54:26	Scale1	amahurin		97220 lb	
Out 03/12/2025 08:07:53	Scale1	amahurin		46500 lb	
				Net	50720 lb
				Tons	25.36

Comments

Product	LD%	Qty	UOM	Rate	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons-	100	25.36	Tons				SPOKANE
2 ENERGY-Energy Surcharge	100		%				SPOKANE
3 WWM-P-Waste Water Manag	100		%				SPOKANE
4 SRHD1-Spokane Regional	100	25.36	Tons				SPOKANE

Total Tax/Fees  
Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

**W**  
Graham Road Facility  
1820 S. Graham Road  
Medi ~~WASTE~~ ~~LIBERTY LAKE~~ 9022

Original  
Ticket# 743748  
Ph: (509)244-0151

Customer Name HALMECONSINC HALME CONST Carrier HALME HALME CONSTRUCTION  
Ticket Date 03/12/2025 Vehicle# RICK  
Payment Type Credit Account Container  
Manual Ticket# Driver RICK  
Route Check#  
Hauling Ticket# Billing# 0000084  
Destination Grid  
Manifest 1  
Profile 119570WA (LF01: DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
Generator CVSD GUN-19615 CVSD GUN CLUB 19615 E SPRAGUE AVE LIBERTY LAKE  
PO# 119570WA

Time	Scale	Operator	Inbound	Gross	101980 lb
In 03/12/2025 11:59:00	Scale1	amahurin		Tare	46460 lb
Out 03/12/2025 12:11:25	Scale1	amahurin		Net	55520 lb
				Tons	27.76

Comments

Product	LDW	Qty	UOM	Rate	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons-	100	27.76	Tons				SPOKANE
2 ENERGY-Energy Surcharge	100		%				SPOKANE
3 WWM-P-Waste Water Manag	100		%				SPOKANE
4 SRHD1-Spokane Regional	100	27.76	Tons				SPOKANE

Total Tax/Fees  
Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technic limitation.



<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	78
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	13 March 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Rainy	<b>Temperature</b>	37-45°F

**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: Haley & Aldrich, Inc. (Haley & Aldrich) observed Halme excavating the northern contaminated soil stockpile. This material was deposited directly into the western portion of the repository. One excavator and two haul trucks were utilized for excavation and hauling activities.

Excavation of contaminated material beneath the previously discovered Underground Storage Tank (UST) continued today. Four loads of contaminated soil were transported to the Graham Road Waste Management Landfill. Photoionization detector(PID) readings were collected from material being loaded for export today.

<b>Depth of Excavation (feet)</b>	<b>Max PID Reading (ppm)</b>
38	105.1
40	166.7
40	N/A
41	95.1
41	N/A

- b. Confirmation Sampling: No confirmation samples were taken today.
- c. Backfill: Haley & Aldrich observed the backfilling of Lift No. 22 in the repository. Halme brought in fill to the repository for Lift No. 22, depositing this soil in small stockpiles.

**II. DUST MONITORING:**

Dust Monitors (DMs) with telemetry capabilities were deployed in advance of excavation and backfill today and operated from 07:40 to 14:55. Samsara DM 47181 was positioned downwind of Site work and DM 49913 was positioned upwind of Site work. The relative humidity in the morning was approximately 88 percent and the wind was southwest to northeast.

Dust levels did not exceed the threshold of 2.5 milligrams per cubic meter (mg/m<sup>3</sup>) total particulates nor the threshold of 0.025 mg/m<sup>3</sup> PM<sub>10</sub> 120-minute rolling average at the downwind property boundary. Site observations indicated that dust was well-controlled. Dust monitoring data is attached.

**III. COMPACTION TESTING:**

No compaction tests were performed today.

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	78
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	13 March 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	2 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Rainy	<b>Temperature</b>	37-45°F

---

<u>Field Representative(s)</u>	<u>Time on Site</u>	<u>Report/Travel/Other</u>	<u>Total</u>
Cameron Luckey	8.35 hours	1.50 hours	9.85 hours

**Distribution:**

CVSD; Attn: Jay Rowell  
OAC Services, Inc.; Attn: Jeff Jurgensen

**Attachments:**

Attachment A – Photo Log  
Attachment B – Dust Monitoring Data  
Attachment C – Confirmation Sampling Plan  
Attachment D – Repository Subgrade Excavation Plan  
Attachment E – Waste Disposal Tickets



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Haley & Aldrich, Inc.

[https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/03 - March/03\\_13\\_25\\_CAL\\_DFR\\_78/03\\_13\\_25\\_CAL\\_DFR.docx](https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/03 - March/03_13_25_CAL_DFR_78/03_13_25_CAL_DFR.docx)



Photo 01. UST excavation progress (view looking southeast).



Photo 02. Side wall material that had fallen to the bottom of the UST excavation. Sidewall slough was all exported as contaminated (view looking southeast).

**Site Photographs – 13 March 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA

**HALEY  
ALDRICH**

**Attachment A**



Photo 03. Northern contaminated stockpile excavation progress at the end of the day (view looking east).



Photo 04. Backfill progress of the eastern portion of the repository (view looking west) .

**Site Photographs – 13 March 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA

**HALEY  
ALDRICH**

**Attachment A**

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
<b>Upwind</b>								
Modem 47181	3/13/2025 17:44	3/13/2025 17:54	0	0	0	0	0	0
Modem 47181	3/13/2025 17:34	3/13/2025 17:44	0	0	0	0	0	0
Modem 47181	3/13/2025 17:24	3/13/2025 17:34	0	0	0	0	0	0
Modem 47181	3/13/2025 17:14	3/13/2025 17:24	0	0	0	0	0	0
Modem 47181	3/13/2025 17:04	3/13/2025 17:14	0	0	0	0	0	0
Modem 47181	3/13/2025 16:54	3/13/2025 17:04	0	0	0	0	0	0
Modem 47181	3/13/2025 16:44	3/13/2025 16:54	0	0	0	0	0	0
Modem 47181	3/13/2025 16:34	3/13/2025 16:44	0	0	0	0	0	0
Modem 47181	3/13/2025 16:24	3/13/2025 16:34	0	0	0	0	0	0
Modem 47181	3/13/2025 16:14	3/13/2025 16:24	0	0	0	0	0	0
Modem 47181	3/13/2025 16:04	3/13/2025 16:14	0	0	0	0	0	0
Modem 47181	3/13/2025 15:54	3/13/2025 16:04	0	0	0	0	0	0
Modem 47181	3/13/2025 15:44	3/13/2025 15:54	0	0	0	0	0	0
Modem 47181	3/13/2025 15:34	3/13/2025 15:44	0	0	0	0	0	0
Modem 47181	3/13/2025 15:24	3/13/2025 15:34	0	0	0	0	0	0
Modem 47181	3/13/2025 15:14	3/13/2025 15:24	0	0	0	0	0	0
Modem 47181	3/13/2025 15:04	3/13/2025 15:14	0	0	0	0	0	0
Modem 47181	3/13/2025 14:54	3/13/2025 15:04	0	0	0	0	0	0
Modem 47181	3/13/2025 14:44	3/13/2025 14:54	0	0	0	0	0	0
Modem 47181	3/13/2025 14:34	3/13/2025 14:44	0	0	0	0	0	0
Modem 47181	3/13/2025 14:24	3/13/2025 14:34	0	0	0	0	0	0
Modem 47181	3/13/2025 14:14	3/13/2025 14:24	0	0	0	0	0	0
Modem 47181	3/13/2025 14:04	3/13/2025 14:14	0	0	0	0	0	0
Modem 47181	3/13/2025 13:54	3/13/2025 14:04	0	0	0	0	0	0
Modem 47181	3/13/2025 13:44	3/13/2025 13:54	0	0	0	0	0	0
Modem 47181	3/13/2025 13:34	3/13/2025 13:44	0	0	0	0	0	0
Modem 47181	3/13/2025 13:24	3/13/2025 13:34	0	0	0	0	0	0
Modem 47181	3/13/2025 13:14	3/13/2025 13:24	0	0	0	0	0	0
Modem 47181	3/13/2025 13:04	3/13/2025 13:14	0	0	0	0	0	0
Modem 47181	3/13/2025 12:54	3/13/2025 13:04	0	0	0	0	0	0
Modem 47181	3/13/2025 12:44	3/13/2025 12:54	0	0	0	0	0	0
Modem 47181	3/13/2025 12:34	3/13/2025 12:44	0	0	0	0	0	0
Modem 47181	3/13/2025 12:24	3/13/2025 12:34	0	0	0	0	0	0.0015
Modem 47181	3/13/2025 12:14	3/13/2025 12:24	0	0	0	0	0	
Modem 47181	3/13/2025 12:04	3/13/2025 12:14	0	0	0	0	0	
Modem 47181	3/13/2025 11:54	3/13/2025 12:04	0	0	0	0	0	
Modem 47181	3/13/2025 11:44	3/13/2025 11:54	0	0	0	0	0	
Modem 47181	3/13/2025 11:34	3/13/2025 11:44	0	0	0	0	0	
Modem 47181	3/13/2025 11:24	3/13/2025 11:34	0	0	0	0	0	
Modem 47181	3/13/2025 11:14	3/13/2025 11:24	0	0	0	0	0	
Modem 47181	3/13/2025 11:04	3/13/2025 11:14	0	0	0	0	0	
Modem 47181	3/13/2025 10:54	3/13/2025 11:04	0	0	0	0	0	
Modem 47181	3/13/2025 10:44	3/13/2025 10:54	0	0	0	0	0	
Modem 47181	3/13/2025 10:34	3/13/2025 10:44	0	0	0	0	0	
Modem 47181	3/13/2025 10:24	3/13/2025 10:34	0.003	0.003	0.003	0.003	0.003	
<b>Downwind</b>								
Modem 49913	3/13/2025 17:44	3/13/2025 17:54	0	0	0	0	0	0

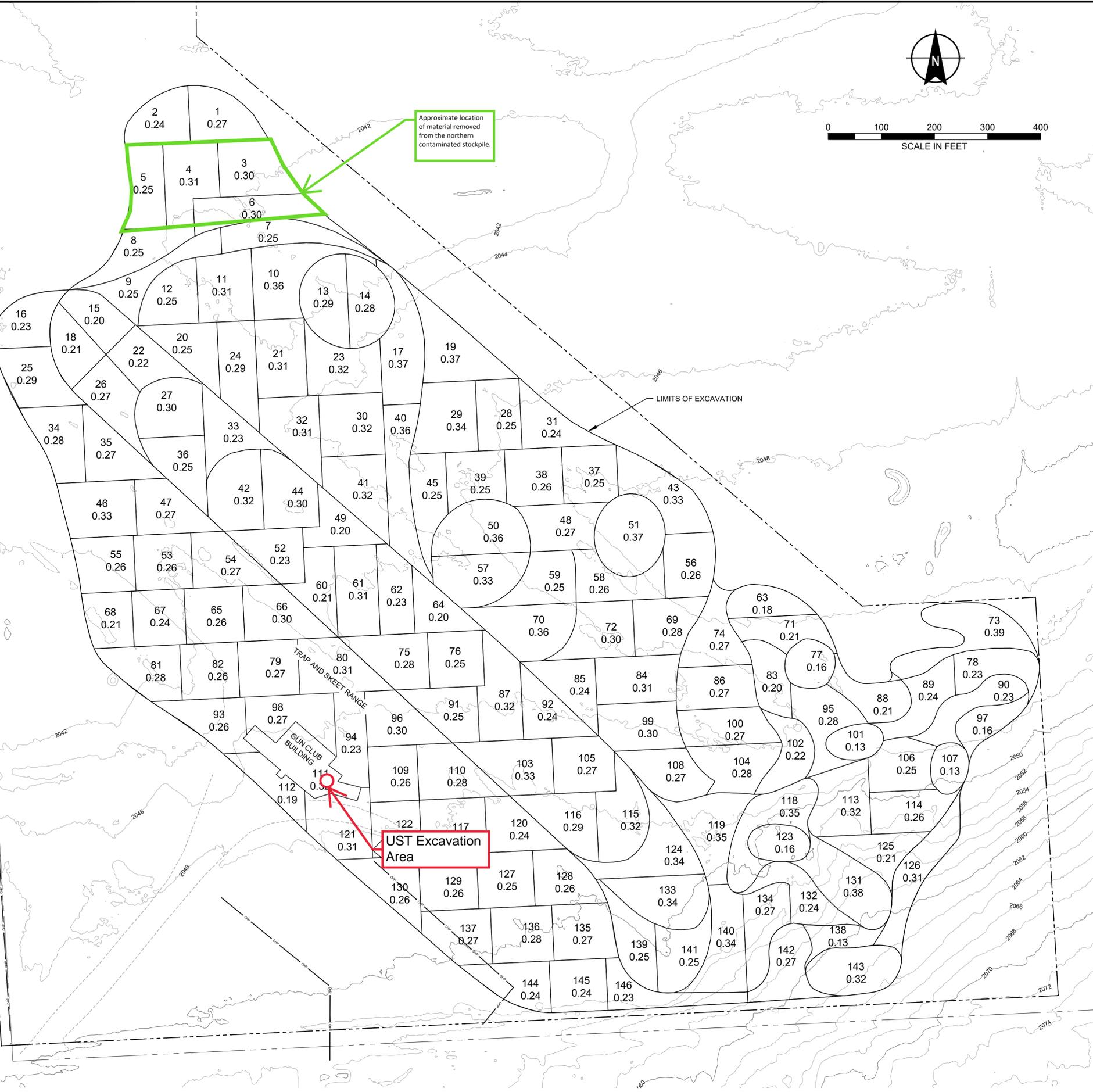
DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
Modem 49913	3/13/2025 17:34	3/13/2025 17:44	0	0	0	0	0	0
Modem 49913	3/13/2025 17:24	3/13/2025 17:34	0	0	0	0	0	0.001
Modem 49913	3/13/2025 17:14	3/13/2025 17:24	0	0	0	0	0	0
Modem 49913	3/13/2025 17:04	3/13/2025 17:14	0	0	0	0	0	0
Modem 49913	3/13/2025 16:54	3/13/2025 17:04	0	0	0	0	0	0
Modem 49913	3/13/2025 16:44	3/13/2025 16:54	0.002	0.002	0.002	0.005	0.005	0.0025
Modem 49913	3/13/2025 16:34	3/13/2025 16:44	0	0	0	0	0	0
Modem 49913	3/13/2025 16:24	3/13/2025 16:34	0	0	0	0.001	0.001	0.0005
Modem 49913	3/13/2025 16:14	3/13/2025 16:24	0	0	0	0	0	0
Modem 49913	3/13/2025 16:04	3/13/2025 16:14	0	0	0	0	0	0
Modem 49913	3/13/2025 15:54	3/13/2025 16:04	0	0	0	0	0	0
Modem 49913	3/13/2025 15:44	3/13/2025 15:54	0	0	0	0	0	0
Modem 49913	3/13/2025 15:34	3/13/2025 15:44	0	0	0	0	0	0.0005
Modem 49913	3/13/2025 15:24	3/13/2025 15:34	0.002	0.002	0.002	0.002	0.002	0.001
Modem 49913	3/13/2025 15:14	3/13/2025 15:24	0	0	0	0	0	0
Modem 49913	3/13/2025 15:04	3/13/2025 15:14	0	0	0	0	0	0.0025
Modem 49913	3/13/2025 14:54	3/13/2025 15:04	0	0	0	0	0	0
Modem 49913	3/13/2025 14:44	3/13/2025 14:54	0	0	0	0	0	0.0005
Modem 49913	3/13/2025 14:34	3/13/2025 14:44	0	0	0	0	0	0
Modem 49913	3/13/2025 14:24	3/13/2025 14:34	0	0	0	0	0	0.0005
Modem 49913	3/13/2025 14:14	3/13/2025 14:24	0	0	0	0	0	0
Modem 49913	3/13/2025 14:04	3/13/2025 14:14	0	0	0	0	0	0
Modem 49913	3/13/2025 13:54	3/13/2025 14:04	0	0	0	0	0	0
Modem 49913	3/13/2025 13:44	3/13/2025 13:54	0	0	0	0	0	0
Modem 49913	3/13/2025 13:34	3/13/2025 13:44	0	0	0	0.001	0.001	0.0005
Modem 49913	3/13/2025 13:24	3/13/2025 13:34	0	0	0	0	0	0
Modem 49913	3/13/2025 13:14	3/13/2025 13:24	0	0	0	0	0	0
Modem 49913	3/13/2025 13:04	3/13/2025 13:14	0.005	0.005	0.005	0.005	0.005	0.0025
Modem 49913	3/13/2025 12:54	3/13/2025 13:04	0	0	0	0	0	0
Modem 49913	3/13/2025 12:44	3/13/2025 12:54	0.001	0.001	0.001	0.001	0.001	0.0005
Modem 49913	3/13/2025 12:34	3/13/2025 12:44	0	0	0	0	0	0.0005
Modem 49913	3/13/2025 12:24	3/13/2025 12:34	0.001	0.001	0.001	0.001	0.001	0.0015
Modem 49913	3/13/2025 12:14	3/13/2025 12:24	0	0	0	0	0	
Modem 49913	3/13/2025 12:04	3/13/2025 12:14	0	0	0	0	0	
Modem 49913	3/13/2025 11:54	3/13/2025 12:04	0	0	0	0	0	
Modem 49913	3/13/2025 11:44	3/13/2025 11:54	0	0	0	0	0	
Modem 49913	3/13/2025 11:34	3/13/2025 11:44	0	0	0	0	0	
Modem 49913	3/13/2025 11:24	3/13/2025 11:34	0	0	0	0	0	
Modem 49913	3/13/2025 11:14	3/13/2025 11:24	0	0	0	0	0	
Modem 49913	3/13/2025 11:04	3/13/2025 11:14	0	0	0	0	0	
Modem 49913	3/13/2025 10:54	3/13/2025 11:04	0	0	0	0	0	
Modem 49913	3/13/2025 10:44	3/13/2025 10:54	0	0	0	0	0	
Modem 49913	3/13/2025 10:34	3/13/2025 10:44	0.001	0.001	0.001	0.001	0.001	
Modem 49913	3/13/2025 10:24	3/13/2025 10:34	0.002	0.002	0.002	0.002	0.002	



**NOTES**

1. CONTRACTOR IS RESPONSIBLE FOR SURVEYING AND DELINEATING THE LIMITS OF THE SAMPLE UNITS SHOWN, AS NECESSARY TO COMPLETE THE WORK.
2. CONTRACTOR SHALL NOT BACKFILL WITHIN THE LIMITS OF ANY INDIVIDUAL SAMPLING UNTIL RECEIVING APPROVAL BY THE ENGINEER.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR CONFIRMATION SAMPLING AT LEAST 2 WORKING DAYS IN ADVANCE FOR EACH SAMPLING UNIT.
4. ALLOW UP TO 5 DAYS FOR THE ENGINEER TO COLLECT CONFIRMATION SAMPLES FOLLOWING IMPACTED SOIL EXCAVATION AND 10 TO 15 DAYS FOR ANALYTICAL RESULTS. CONFIRMATION SAMPLING RESULTS ARE EXPECTED TO TAKE BETWEEN 10 AND 15 DAYS, POSSIBLY LONGER. THE EXACT NUMBER OF DAYS REQUIRED WILL NOT BE KNOWN UNTIL THE FIRST SAMPLES ARE PROCESSED AND COULD VARY BETWEEN SAMPLING UNITS DEPENDING ON SHIPPING AND MOISTURE CONTENT. THE CONTRACTOR SHALL PLAN THE WORK ACCORDINGLY.
5. ONCE A SAMPLING UNIT IS DESIGNATED FOR CONFIRMATION SAMPLING IMPACTED SOILS SHALL NO LONGER BE TRANSPORTED THROUGH THAT SAMPLING UNIT.
6. CLEAN BACKFILL FROM THE REPOSITORY CAN BE STOCKPILED ADJACENT TO SAMPLING UNITS OUTSIDE THE LIMITS OF EXCAVATION IN LOCATIONS APPROVED BY THE ENGINEER.

**LEGEND**

- 73 SAMPLE UNIT ID
- 0.39 AREA (ACRES)

UNIT ID	AREA (AC.)
1	0.27
2	0.24
3	0.30
4	0.31
5	0.25
6	0.30
7	0.25
8	0.25
9	0.25
10	0.36
11	0.31
12	0.25
13	0.29
14	0.28
15	0.20
16	0.23
17	0.37
18	0.21
19	0.37
20	0.25
21	0.31
22	0.22
23	0.32
24	0.29
25	0.29
26	0.27
27	0.30
28	0.25
29	0.34
30	0.32
31	0.24
32	0.31
33	0.23
34	0.28
35	0.27
36	0.25
37	0.25
38	0.26
39	0.25
40	0.36
41	0.32
42	0.32
43	0.33
44	0.30
45	0.25
46	0.33
47	0.27
48	0.27
49	0.20
50	0.36
51	0.37
52	0.23
53	0.26
54	0.27
55	0.26
56	0.26
57	0.33
58	0.26
59	0.25
60	0.21
61	0.31
62	0.23
63	0.18
64	0.20
65	0.26
66	0.30
67	0.24
68	0.21
69	0.28
70	0.25
71	0.21
72	0.30
73	0.39
74	0.27
75	0.28
76	0.25
77	0.16
78	0.23
79	0.27
80	0.31
81	0.28
82	0.26
83	0.20
84	0.31
85	0.24
86	0.27
87	0.32
88	0.21
89	0.24
90	0.23
91	0.25
92	0.24
93	0.26
94	0.23
95	0.28
96	0.30
97	0.16
98	0.27
99	0.30
100	0.27
101	0.13
102	0.22
103	0.33
104	0.28
105	0.27
106	0.25
107	0.13
108	0.27
109	0.26
110	0.28
111	0.19
112	0.31
113	0.32
114	0.26
115	0.32
116	0.29
117	0.30
118	0.35
119	0.35
120	0.24
121	0.31
122	0.24
123	0.16
124	0.34
125	0.21
126	0.31
127	0.25
128	0.26
129	0.26
130	0.26
131	0.38
132	0.24
133	0.34
134	0.27
135	0.27
136	0.28
137	0.27
138	0.13
139	0.25
140	0.34
141	0.25
142	0.27
143	0.32
144	0.24
145	0.24
146	0.23

UNIT ID	AREA (AC.)
59	0.25
60	0.21
61	0.31
62	0.23
63	0.18
64	0.20
65	0.26
66	0.30
67	0.24
68	0.21
69	0.28
70	0.36
71	0.21
72	0.30
73	0.39
74	0.27
75	0.28
76	0.25
77	0.16
78	0.23
79	0.27
80	0.31
81	0.28
82	0.26
83	0.20
84	0.31
85	0.24
86	0.27
87	0.32
88	0.21
89	0.24
90	0.23
91	0.25
92	0.24
93	0.26
94	0.23
95	0.28
96	0.30
97	0.16
98	0.27
99	0.30
100	0.27
101	0.13
102	0.22
103	0.33
104	0.28
105	0.27
106	0.25
107	0.13
108	0.27
109	0.26
110	0.28
111	0.32
112	0.19
113	0.32
114	0.26
115	0.32
116	0.29

UNIT ID	AREA (AC.)
117	0.30
118	0.35
119	0.35
120	0.24
121	0.31
122	0.22
123	0.16
124	0.34
125	0.21
126	0.31
127	0.25
128	0.26
129	0.26
130	0.26
131	0.38
132	0.24
133	0.34
134	0.27
135	0.27
136	0.28
137	0.27
138	0.13
139	0.25
140	0.34
141	0.25
142	0.27
143	0.32
144	0.24
145	0.24
146	0.23
TOTAL	39.42

CAL  
13 March 2025

Project No.:	202349-001
Scale:	SHOWN
Date:	10/17/2023
Drawn By:	ZS/MO
Designed By:	BD
Checked By:	KH
Approved By:	JH/KH
Stamp:	

1	ISSUED FOR ECOLOGY	BD	05/18/23
0	ISSUED FOR BID	BD	10/18/23
Rev.	Description	By	Date

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE. #9656  
SPOKANE VALLEY,  
WASHINGTON

**CONFIRMATION SAMPLING PLAN**

**C-302**



**W**  
 Graham Road Facility  
 1820 S. Graham Road  
 Medical Lake, WA 99022

Original  
 Ticket# 743785  
 Ph: (509)244-0151

Customer Name HALMECONSINC HALME CONST Carrier HALME HALME CONSTRUCTION  
 Ticket Date 03/13/2025 Vehicle# RICK  
 Payment Type Credit Account Container  
 Manual Ticket# Driver RICK  
 Route Check#  
 Hauling Ticket# Billing# 0000084  
 Destination Grid  
 Manifest 119570wa  
 Profile 119570WA (LF01: DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
 Generator CVSD GUN-19615 CVSD GUN CLUB 19615 E SPRAGUE AVE LIBERTY LAKE  
 PO# 119570wa

Time	Scale	Operator	Inbound	Gross	99000 lb
In 03/13/2025 07:48:42	Scale1	amahurin		Tare	46620 lb
Out 03/13/2025 08:01:17	Scale1	amahurin		Net	52380 lb
				Tons	26.19

Comments

Product	LD%	Qty	UOM	Rate	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons-	100	26.19	Tons				SPOKANE
2 ENERGY-Energy Surcharge	100		%				SPOKANE
3 WWM-P-Waste Water Manag	100		%				SPOKANE
4 SRHD1-Spokane Regional	100	26.19	Tons				SPOKANE

Total Tax/Fees  
 Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

**W**  
Graham Road Facility  
1820 S. Graham Road  
Medicine Lake, WA 99022

Original  
Ticket# 743795  
Ph: (509)244-0151

Customer Name HALMECONSINC HALME CONST Carrier HALME HALME CONSTRUCTION  
Ticket Date 03/13/2025 Vehicle# RICK  
Payment Type Credit Account Container  
Manual Ticket# Driver RICK  
Route Check#  
Hauling Ticket# Billing# 0000084  
Destination Grid  
Manifest 119570wa  
Profile 119570WA (LF01: DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
Generator CVSD GUN-19615 CVSD GUN CLUB 19615 E SPRAGUE AVE LIBERTY LAKE  
PO# 119570wa

Time	Scale	Operator	Inbound	Gross	105940 lb
In 03/13/2025 09:27:45	Scale1	amahurin		Tare	46620 lb
Out 03/13/2025 09:41:06	Scale1	amahurin		Net	59320 lb
				Tons	29.66

Comments

Product	LD	Qty	UOM	Rate	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons-	100	29.66	Tons				SPOKANE
2 ENERGY-Energy Surcharge	100		%				SPOKANE
3 WWM-P-Waste Water Manag	100		%				SPOKANE
4 SRHD1-Spokane Regional	100	29.66	Tons				SPOKANE

Total Tax/Fees  
Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

**W**  
Graham Road Facility  
1820 S. Graham Road  
Mediast Lake, ID 83802

Original  
Ticket# 743806  
Ph: (509)244-0151

Customer Name HALMECONSINC HALME CONST Carrier HALME HALME CONSTRUCTION  
Ticket Date 03/13/2025 Vehicle# RICK  
Payment Type Credit Account Container  
Manual Ticket# Driver RICK  
Route Check#  
Hauling Ticket# Billing# 0000084  
Destination Grid  
Manifest 119570wa  
Profile 119570WA (LF01: DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
Generator CVSD GUN-19615 CVSD GUN CLUB 19615 E SPRAGUE AVE LIBERTY LAKE  
PO# 119570wa

Time	Scale	Operator	Inbound	Gross	100360 lb
In 03/13/2025 11:03:01	Scale1	amahurin		Tare	46540 lb
Out 03/13/2025 11:19:18	Scale1	amahurin		Net	53820 lb
				Tons	26.91

Comments

Product	LD%	Qty	UOM	Rate	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons-	100	26.91	Tons				SPOKANE
2 ENERGY-Energy Surcharge	100		%				SPOKANE
3 WWM-P-Waste Water Manag	100		%				SPOKANE
4 SRHD1-Spokane Regional	100	26.91	Tons				SPOKANE

Total Tax/Fees  
Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technic limitation.

**W**  
 Graham Road Facility  
 1820 S. Graham Road  
 Liberty Lake, WA 99022

Original  
 Ticket# 743815  
 Ph: (509)244-0151

Customer Name HALMECONSINC HALME CONST Carrier HALME HALME CONSTRUCTION  
 Ticket Date 03/13/2025 Vehicle# RICK  
 Payment Type Credit Account Container  
 Manual Ticket# Driver RICK  
 Route Check#  
 Hauling Ticket# Billing# 0000084  
 Destination Grid  
 Manifest 119570WA  
 Profile 119570WA (LF01: DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
 Generator CVSD GUN-19615 CVSD GUN CLUB 19615 E SPRAGUE AVE LIBERTY LAKE  
 PO# 119570WA

Time	Scale	Operator	Inbound	Gross	97080 lb
In 03/13/2025 12:46:38	Scale1	amahurin		Tare	46420 lb
Out 03/13/2025 12:59:12	Scale1	amahurin		Net	50660 lb
				Tons	25.33

Comments

Product	LD%	Qty	UOM	Rate	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons-	100	25.33	Tons				SPOKANE
2 ENERGY-Energy Surcharge	100		%				SPOKANE
3 WWM-P-Waste Water Manag	100		%				SPOKANE
4 SRHD1-Spokane Regional	100	25.33	Tons				SPOKANE

Total Tax/Fees  
 Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	79
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	14 March 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Overcast	<b>Temperature</b>	25-47°F

**I. CLEANUP ACTIVITIES:**

Contaminated Soil Excavation: Haley & Aldrich, Inc. (Haley & Aldrich) observed Halme performing excavation activities of the northern contaminated material stockpile. This material was excavated and deposited directly into the western portion of the repository. One excavator and two haul trucks were utilized for this excavation and hauling activities.

Excavation of contaminated material beneath the previously discovered Underground Storage Tank (UST) continued today. Two loads of contaminated soil were transported to the Graham Waste Management Landfill; disposal tickets are attached. Total depth of the UST excavation in feet utilized a high accuracy laser range finder with built-in angle read out to calculate the true vertical depth of the excavation. Photoionization detector (PID) readings were collected from material loaded and exported today, as recorded in the table below.

Table 1. UST Screening	
Depth of Excavation (feet)	Max PID Reading (ppm)
34	83.5
35	104.5

- a. Confirmation Sampling: One soil sample (UST\_BN\_35) was collected from the north side bottom of the UST excavation today. Chain of Custody (COC) form is attached.
- b. Backfill: Haley & Aldrich observed the backfilling of Lift No. 22 and a portion of Lift No. 24 within the repository. Backfill was sourced from the northern contaminated stockpile (see Repository Subgrade Excavation Plan).

**II. DUST MONITORING:**

Dust Monitors (DMs) with telemetry capabilities were deployed in advance of excavation and backfill today and operated from 07:40 to 15:00. Samsara DM 47181 was positioned upwind of Site work and DM 49913 was positioned downwind of Site work. The relative humidity in the morning was approximately 85 percent and the wind was southwest to northeast.

Dust levels did not exceed the threshold of 2.5 milligrams per cubic meter (mg/m<sup>3</sup>) total particulates nor the threshold of 0.025 mg/m<sup>3</sup> PM<sub>10</sub> 120-minute rolling average at the downwind property boundary. Site observations indicated that dust was well-controlled. Dust monitoring data is attached.

**III. COMPACTION TESTING:**

No compaction tests were performed today.

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	79
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	14 March 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	2 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Overcast	<b>Temperature</b>	25-47°F

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<u>Field Representative(s)</u>	<u>Time on site</u>	<u>Report/Travel/Other</u>	<u>Total</u>
Cameron Luckey	8.50 hours	0.75 hours	9.25 hours

**Distribution:**

CVSD; Attn: Jay Rowell  
OAC Services, Inc.; Attn: Jeff Jurgensen

**Attachments:**

Attachment A – Photo Log  
Attachment B – Dust Data  
Attachment C – Confirmation Sampling Plan  
Attachment D – Repository Subgrade Excavation Plan  
Attachment E – Chain of Custody (COC) Form  
Attachment F – Waste Disposal Tickets



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Haley & Aldrich, Inc.

[https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/03 - March/03\\_14\\_25\\_CAL\\_DFR\\_79/03\\_14\\_25\\_CAL\\_DFR.docx](https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/03 - March/03_14_25_CAL_DFR_79/03_14_25_CAL_DFR.docx)



Photo 01. Repository backfill progress (view looking northwest).



Photo 02. Repository backfill progress (view looking north).

**Site Photographs – 14 March 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA

**HALEY  
ALDRICH**

**Attachment A**



Photo 03. UST excavation progress and excavator bench (view looking southeast).



Photo 04. UST excavation progress (view looking southeast).

**Site Photographs – 14 March 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA

**HALEY  
ALDRICH**

**Attachment A**

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
<b>Upwind</b>								
Modem 47181	3/14/2025 17:50	3/14/2025 18:00	0	0	0	0	0	0
Modem 47181	3/14/2025 17:40	3/14/2025 17:50	0	0	0	0	0	0
Modem 47181	3/14/2025 17:30	3/14/2025 17:40	0	0	0	0	0	0
Modem 47181	3/14/2025 17:20	3/14/2025 17:30	0	0	0	0	0	0
Modem 47181	3/14/2025 17:10	3/14/2025 17:20	0	0	0	0	0	0
Modem 47181	3/14/2025 17:00	3/14/2025 17:10	0	0	0	0	0	0
Modem 47181	3/14/2025 16:50	3/14/2025 17:00	0	0	0	0	0	0
Modem 47181	3/14/2025 16:40	3/14/2025 16:50	0	0	0	0	0	0
Modem 47181	3/14/2025 16:30	3/14/2025 16:40	0	0	0	0	0	0
Modem 47181	3/14/2025 16:20	3/14/2025 16:30	0	0	0	0	0	0
Modem 47181	3/14/2025 16:10	3/14/2025 16:20	0	0	0	0	0	0
Modem 47181	3/14/2025 16:00	3/14/2025 16:10	0	0	0	0	0	0
Modem 47181	3/14/2025 15:50	3/14/2025 16:00	0	0	0	0	0	0
Modem 47181	3/14/2025 15:40	3/14/2025 15:50	0	0	0	0	0	0
Modem 47181	3/14/2025 15:30	3/14/2025 15:40	0	0	0	0	0	0
Modem 47181	3/14/2025 15:20	3/14/2025 15:30	0	0	0	0	0	0
Modem 47181	3/14/2025 15:10	3/14/2025 15:20	0	0	0	0	0	0
Modem 47181	3/14/2025 15:00	3/14/2025 15:10	0	0	0	0	0	0
Modem 47181	3/14/2025 14:50	3/14/2025 15:00	0	0	0	0	0	0
Modem 47181	3/14/2025 14:40	3/14/2025 14:50	0	0	0	0	0	0
Modem 47181	3/14/2025 14:30	3/14/2025 14:40	0	0	0	0	0	0
Modem 47181	3/14/2025 14:20	3/14/2025 14:30	0	0	0	0	0	0
Modem 47181	3/14/2025 14:10	3/14/2025 14:20	0	0	0	0	0	0
Modem 47181	3/14/2025 14:00	3/14/2025 14:10	0	0	0	0	0	0
Modem 47181	3/14/2025 13:50	3/14/2025 14:00	0	0	0	0	0	0
Modem 47181	3/14/2025 13:40	3/14/2025 13:50	0	0	0	0	0	0.002
Modem 47181	3/14/2025 13:30	3/14/2025 13:40	0	0	0	0	0	0.001
Modem 47181	3/14/2025 13:20	3/14/2025 13:30	0	0	0	0	0	0.001
Modem 47181	3/14/2025 13:10	3/14/2025 13:20	0	0	0	0	0	0.0015
Modem 47181	3/14/2025 13:00	3/14/2025 13:10	0	0	0	0	0	0.0015
Modem 47181	3/14/2025 12:50	3/14/2025 13:00	0	0	0	0	0	0.001
Modem 47181	3/14/2025 12:40	3/14/2025 12:50	0	0	0	0	0	0.001
Modem 47181	3/14/2025 12:30	3/14/2025 12:40	0	0	0	0	0	0.001
Modem 47181	3/14/2025 12:20	3/14/2025 12:30	0	0	0	0	0	
Modem 47181	3/14/2025 12:10	3/14/2025 12:20	0	0	0	0	0	
Modem 47181	3/14/2025 12:00	3/14/2025 12:10	0	0	0	0	0	
Modem 47181	3/14/2025 11:50	3/14/2025 12:00	0	0	0	0	0	
Modem 47181	3/14/2025 11:40	3/14/2025 11:50	0.003	0.003	0.003	0.004	0.004	
Modem 47181	3/14/2025 11:30	3/14/2025 11:40	0.002	0.002	0.002	0.002	0.002	
Modem 47181	3/14/2025 11:20	3/14/2025 11:30	0.002	0.002	0.002	0.002	0.002	
Modem 47181	3/14/2025 11:10	3/14/2025 11:20	0.002	0.002	0.002	0.003	0.003	
Modem 47181	3/14/2025 11:00	3/14/2025 11:10	0.003	0.003	0.003	0.003	0.003	
Modem 47181	3/14/2025 10:50	3/14/2025 11:00	0.002	0.002	0.002	0.002	0.002	
Modem 47181	3/14/2025 10:40	3/14/2025 10:50	0.002	0.002	0.002	0.002	0.002	
Modem 47181	3/14/2025 10:30	3/14/2025 10:40	0.002	0.002	0.002	0.002	0.002	

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
<b>Downwind</b>								
Modem 49913	3/14/2025 17:50	3/14/2025 18:00	0	0	0	0	0	-0.0005
Modem 49913	3/14/2025 17:40	3/14/2025 17:50	0	0	0	0	0	-0.0005
Modem 49913	3/14/2025 17:30	3/14/2025 17:40	-0.002	-0.002	-0.002	-0.002	-0.002	-0.0015
Modem 49913	3/14/2025 17:20	3/14/2025 17:30	0.001	0.002	0.002	0.006	0.006	0.0025
Modem 49913	3/14/2025 17:10	3/14/2025 17:20	0	0	0	0.001	0.001	0.0005
Modem 49913	3/14/2025 17:00	3/14/2025 17:10	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Modem 49913	3/14/2025 16:50	3/14/2025 17:00	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Modem 49913	3/14/2025 16:40	3/14/2025 16:50	-0.001	-0.001	-0.001	-0.001	-0.001	0.006
Modem 49913	3/14/2025 16:30	3/14/2025 16:40	-0.001	-0.001	-0.001	-0.001	-0.001	0.0105
Modem 49913	3/14/2025 16:20	3/14/2025 16:30	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Modem 49913	3/14/2025 16:10	3/14/2025 16:20	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Modem 49913	3/14/2025 16:00	3/14/2025 16:10	-0.001	-0.001	-0.001	-0.001	-0.001	0
Modem 49913	3/14/2025 15:50	3/14/2025 16:00	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	3/14/2025 15:40	3/14/2025 15:50	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	3/14/2025 15:30	3/14/2025 15:40	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	3/14/2025 15:20	3/14/2025 15:30	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	3/14/2025 15:10	3/14/2025 15:20	0	0	0	0	0	0
Modem 49913	3/14/2025 15:00	3/14/2025 15:10	-0.001	-0.001	-0.001	-0.001	-0.001	0
Modem 49913	3/14/2025 14:50	3/14/2025 15:00	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	3/14/2025 14:40	3/14/2025 14:50	0.013	0.013	0.013	0.013	0.013	0.0065
Modem 49913	3/14/2025 14:30	3/14/2025 14:40	0.017	0.018	0.02	0.022	0.022	0.011
Modem 49913	3/14/2025 14:20	3/14/2025 14:30	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	3/14/2025 14:10	3/14/2025 14:20	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	3/14/2025 14:00	3/14/2025 14:10	0	0	0.001	0.001	0.001	0.0005
Modem 49913	3/14/2025 13:50	3/14/2025 14:00	-0.001	-0.001	-0.001	-0.001	0	0
Modem 49913	3/14/2025 13:40	3/14/2025 13:50	0	0	0	0	0	0.001
Modem 49913	3/14/2025 13:30	3/14/2025 13:40	0	0	0	0	0	0.001
Modem 49913	3/14/2025 13:20	3/14/2025 13:30	0	0	0	0	0	0.0005
Modem 49913	3/14/2025 13:10	3/14/2025 13:20	0	0	0	0	0	0.001
Modem 49913	3/14/2025 13:00	3/14/2025 13:10	0.001	0.001	0.001	0.001	0.001	0.002
Modem 49913	3/14/2025 12:50	3/14/2025 13:00	0	0	0	0	0	0.0005
Modem 49913	3/14/2025 12:40	3/14/2025 12:50	0	0	0	0	0	0.001
Modem 49913	3/14/2025 12:30	3/14/2025 12:40	0	0	0	0	0	0.0015
Modem 49913	3/14/2025 12:20	3/14/2025 12:30	0	0	0	0	0	
Modem 49913	3/14/2025 12:10	3/14/2025 12:20	0	0	0	0	0	
Modem 49913	3/14/2025 12:00	3/14/2025 12:10	0	0	0	0	0	
Modem 49913	3/14/2025 11:50	3/14/2025 12:00	0	0	0	0	0	
Modem 49913	3/14/2025 11:40	3/14/2025 11:50	0.001	0.001	0.002	0.002	0.002	
Modem 49913	3/14/2025 11:30	3/14/2025 11:40	0.001	0.001	0.002	0.002	0.002	
Modem 49913	3/14/2025 11:20	3/14/2025 11:30	0.001	0.001	0.001	0.001	0.001	
Modem 49913	3/14/2025 11:10	3/14/2025 11:20	0.002	0.002	0.002	0.002	0.002	
Modem 49913	3/14/2025 11:00	3/14/2025 11:10	0.002	0.003	0.003	0.003	0.003	
Modem 49913	3/14/2025 10:50	3/14/2025 11:00	0.001	0.001	0.001	0.001	0.001	
Modem 49913	3/14/2025 10:40	3/14/2025 10:50	0.002	0.002	0.002	0.002	0.002	
Modem 49913	3/14/2025 10:30	3/14/2025 10:40	0.003	0.003	0.003	0.003	0.003	

**NOTES**

1. CONTRACTOR IS RESPONSIBLE FOR SURVEYING AND DELINEATING THE LIMITS OF THE SAMPLE UNITS SHOWN, AS NECESSARY TO COMPLETE THE WORK.
2. CONTRACTOR SHALL NOT BACKFILL WITHIN THE LIMITS OF ANY INDIVIDUAL SAMPLING UNTIL RECEIVING APPROVAL BY THE ENGINEER.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR CONFIRMATION SAMPLING AT LEAST 2 WORKING DAYS IN ADVANCE FOR EACH SAMPLING UNIT.
4. ALLOW UP TO 5 DAYS FOR THE ENGINEER TO COLLECT CONFIRMATION SAMPLES FOLLOWING IMPACTED SOIL EXCAVATION AND 10 TO 15 DAYS FOR ANALYTICAL RESULTS. CONFIRMATION SAMPLING RESULTS ARE EXPECTED TO TAKE BETWEEN 10 AND 15 DAYS, POSSIBLY LONGER. THE EXACT NUMBER OF DAYS REQUIRED WILL NOT BE KNOWN UNTIL THE FIRST SAMPLES ARE PROCESSED AND COULD VARY BETWEEN SAMPLING UNITS DEPENDING ON SHIPPING AND MOISTURE CONTENT. THE CONTRACTOR SHALL PLAN THE WORK ACCORDINGLY.
5. ONCE A SAMPLING UNIT IS DESIGNATED FOR CONFIRMATION SAMPLING IMPACTED SOILS SHALL NO LONGER BE TRANSPORTED THROUGH THAT SAMPLING UNIT.
6. CLEAN BACKFILL FROM THE REPOSITORY CAN BE STOCKPILED ADJACENT TO SAMPLING UNITS OUTSIDE THE LIMITS OF EXCAVATION IN LOCATIONS APPROVED BY THE ENGINEER.

**LEGEND**

- 73 SAMPLE UNIT ID
- 0.39 AREA (ACRES)

UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)
1	0.27	59	0.25	117	0.30
2	0.24	60	0.21	118	0.35
3	0.30	61	0.31	119	0.35
4	0.31	62	0.23	120	0.24
5	0.25	63	0.18	121	0.31
6	0.30	64	0.20	122	0.22
7	0.25	65	0.26	123	0.16
8	0.25	66	0.30	124	0.34
9	0.25	67	0.24	125	0.21
10	0.36	68	0.21	126	0.31
11	0.31	69	0.28	127	0.25
12	0.25	70	0.36	128	0.26
13	0.29	71	0.21	129	0.26
14	0.28	72	0.30	130	0.26
15	0.20	73	0.39	131	0.38
16	0.23	74	0.27	132	0.24
17	0.37	75	0.28	133	0.34
18	0.21	76	0.25	134	0.27
19	0.37	77	0.16	135	0.27
20	0.25	78	0.23	136	0.28
21	0.31	79	0.27	137	0.27
22	0.22	80	0.31	138	0.13
23	0.32	81	0.31	139	0.25
24	0.29	82	0.26	140	0.34
25	0.29	83	0.20	141	0.25
26	0.27	84	0.31	142	0.27
27	0.30	85	0.24	143	0.32
28	0.25	86	0.27	144	0.24
29	0.34	87	0.32	145	0.24
30	0.32	88	0.21	146	0.23
31	0.24	89	0.24	TOTAL	39.42
32	0.31	90	0.23		
33	0.23	91	0.25		
34	0.28	92	0.24		
35	0.27	93	0.26		
36	0.25	94	0.23		
37	0.25	95	0.28		
38	0.26	96	0.30		
39	0.25	97	0.16		
40	0.36	98	0.27		
41	0.32	99	0.30		
42	0.32	100	0.27		
43	0.33	101	0.13		
44	0.30	102	0.22		
45	0.25	103	0.33		
46	0.33	104	0.28		
47	0.27	105	0.27		
48	0.27	106	0.25		
49	0.20	107	0.13		
50	0.36	108	0.27		
51	0.37	109	0.26		
52	0.23	110	0.28		
53	0.26	111	0.32		
54	0.27	112	0.19		
55	0.26	113	0.32		
56	0.26	114	0.26		
57	0.33	115	0.32		
58	0.26	116	0.29		

CAL  
14 March 2025

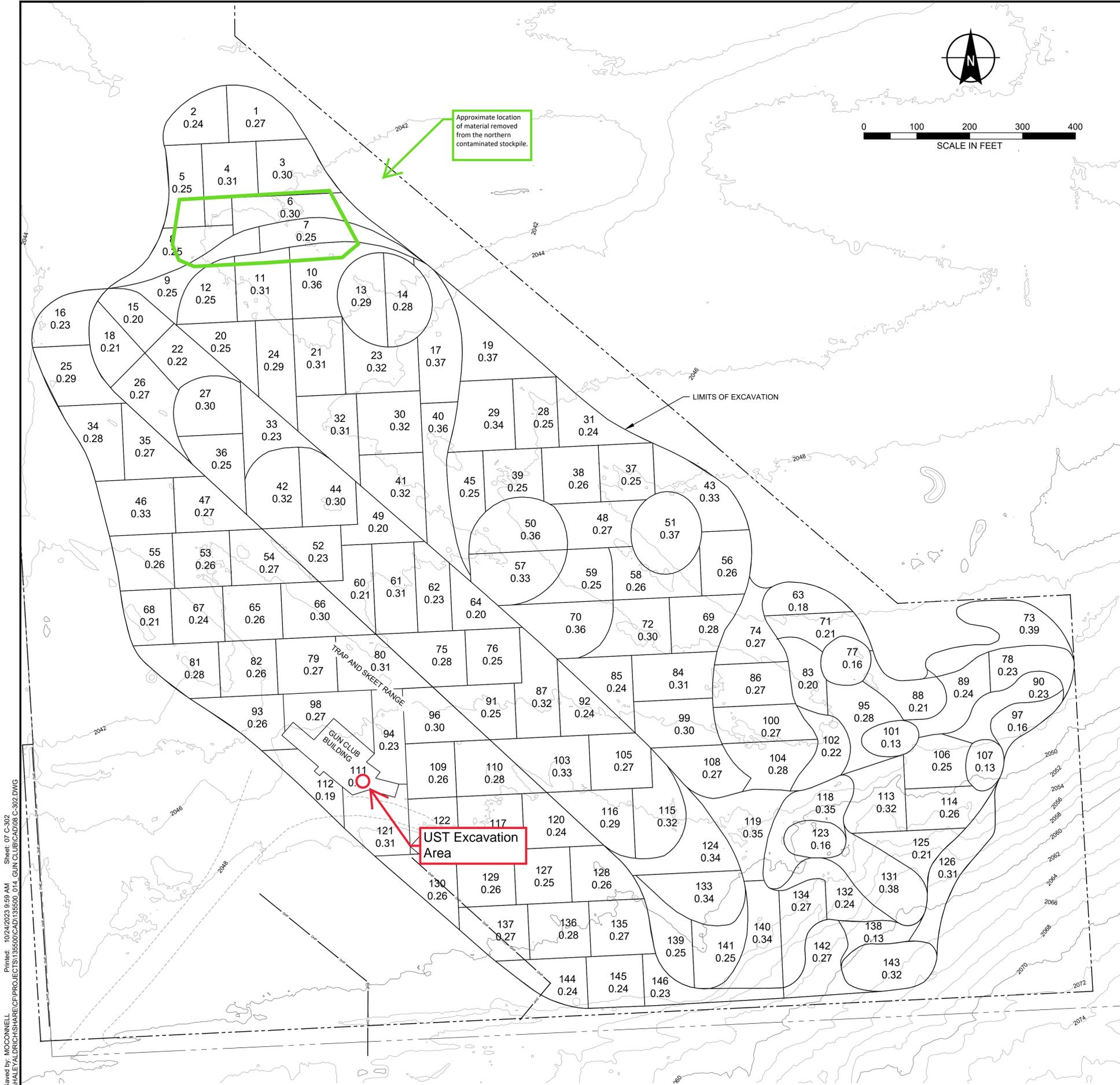
Project No.:	202349-001
Scale:	SHOWN
Date:	10/17/2023
Drawn By:	ZS/MO
Designed By:	BD
Checked By:	KH
Approved By:	JH/KH
Stamp:	

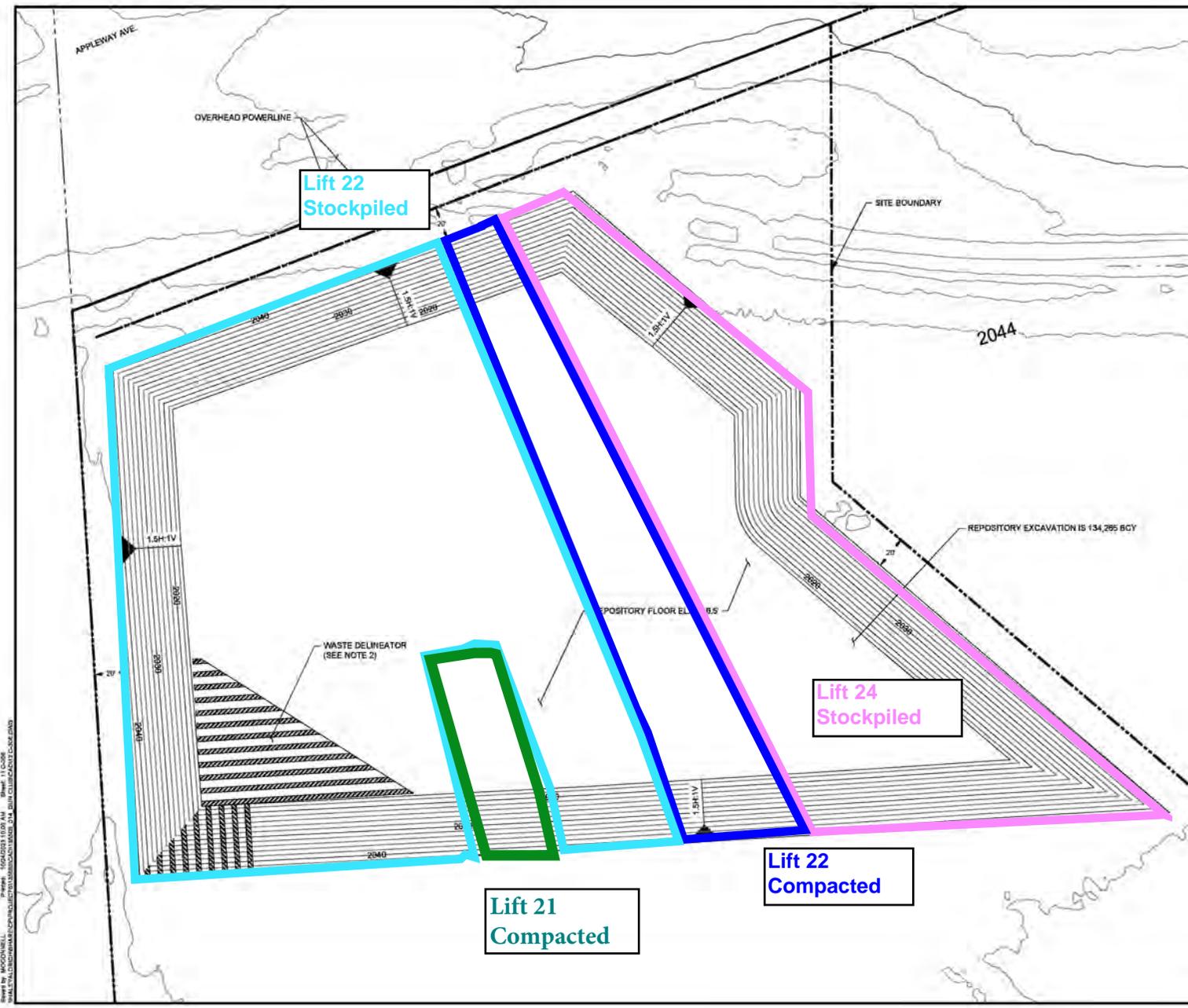
1	ISSUED FOR ECOLOGY	BD	05/18/23
0	ISSUED FOR BID	BD	10/18/23
Rev.	Description	By	Date

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE. #9656  
SPOKANE VALLEY,  
WASHINGTON

**CONFIRMATION SAMPLING PLAN**

**C-302**





**NOTES**

1. PRIOR TO EXCAVATION TOPSOIL SHALL BE STRIPPED AND STOCKPILED.
2. A VISUAL REFERENCE FOR THE DELINEATION BETWEEN NATIVE SOIL AND MATERIAL PLACED IN THE REPOSITORY IS REQUIRED; REFERRED TO HEREIN AS A WASTE DELINEATOR.
3. ORANGE SILT FENCE IN ROLLS 3 FEET WIDE (OR AND APPROVED EQUAL) IS REQUIRED TO BE PLACED 8 FEET O.C. WITH A SPACING BETWEEN THE FABRIC OF 5 FEET IN THE BOTTOM AND ALONG THE CUT SLOPES OF THE REPOSITORY AS A WASTE DELINEATOR.
4. THE ORIENTATION OF THE WASTE DELINEATOR CAN VARY ACROSS THE BOTTOM OF THE REPOSITORY EXCAVATION AS APPROVED BY THE ENGINEER.
5. IMPACTED SOILS SHALL BE PLACED IN THE REPOSITORY IN HORIZONTAL LIFTS NOT TO EXCEED 1.5 FEET IN TOTAL THICKNESS AND COMPACTED TO AT LEAST 90% PER MOOPED PROCTOR ASTM D 1557 (AWD) TO 1 IN.
6. CONCRETE AND OTHER DEMOLITION DEBRIS APPROVED BY THE ENGINEER SHALL BE PLACED 10 OR MORE FEET BELOW THE LIFT.
7. CONTRACTOR SHALL STOCKPILE BOULDER WITH GREATEST DIMENSIONS LARGER THAN 24 INCHES IN THE STOCKPILE LOCATION SHOWN ON SHEET C-301 OR AS APPROVED BY THE ENGINEER.
8. WHEN PLACING BOULDERS OR COMBLES DO NOT NEST THEM SUCH THAT VOIDS ARE CREATED. BOULDERS AND COMBLES SHALL BE SPREAD OUT UNIFORMLY SO SOIL FILLS AROUND THEM.
9. PLACEMENT OF OVERSIZE MATERIALS (12- 24 INCHES) SHALL ALLOW COMPACTION EQUIPMENT TO COMPACT AROUND THE SIDES WITHOUT BEING IN CONTACT WITH HEAVY OVERSIZE MATERIAL THAT PRECLUDES UNIFORM COMPACTION.
10. CONCRETE BROKEN INTO PIECES 12 TO 24 INCHES SHALL BE TREATED THE SAME AS OVERSIZE MATERIAL.
11. CONCRETE SLABS CAN BE INCORPORATED INTO FILL WITHOUT PROCESSING IF THEY ARE PLACED ON A LEVEL SURFACE (E.G. NOT DUMPED) SUCH THAT THEY ARE FIRMLY SEATED AND BACKFILLED WITH SAND AND GRAVEL. CONCRETE SLABS SHALL NOT BE STACKED NESTED OR OTHERWISE PLACED SUCH THAT VOIDS ARE CREATED.
12. CONTRACTOR SHALL PROVIDE AN EXCAVATION PLAN WHICH INCLUDES BOTH THE REPOSITORY EXCAVATION AND BACKFILLING AND THE EXCAVATION OF IMPACTED SOILS.

**HALEY ALDRICH**  
 HALEY & ALDRICH  
 505 W RIVERSIDE AVE. SUITE 205  
 SPOKANE, WA 99201  
 TEL. 800.960.7447  
 WWW.HALEYALDRICH.COM

Project No.	2023M001
Scale	SHOWN
Date	10/17/2023
Drawn by	ZS/MG
Checked by	BC
Approved by	JH/AL
Client	



1	ISSUED FOR EXCAVATION	BD	05/4/23
2	ISSUED FOR REV.	BD	12/14/23
Rev.	Description	By	Date

**CAL**  
 14 March 2025



0 30 60 90 120  
 SCALE IN FEET

CVSD GUN CLUB  
 CLEANUP PROJECT  
 19615 E. SPRAGUE AVE. #9005  
 SPOKANE VALLEY,  
 WASHINGTON

REPOSITORY  
 SUBGRADE  
 EXCAVATION PLAN

**C-306**

Sheet 11 of 21

Drawn by: MOONWELL  
 Project: 2023M001  
 Date: 10/17/2023  
 Scale: 1"=100'  
 Title: REPOSITORY EXCAVATION PLAN



**W**  
Graham Road Facility  
1820 S. Graham Road  
Mediaville, OH 44130-9022

Original  
Ticket# 743848  
Ph: (509)244-0151

Customer Name HALMECONSINC HALME CONST Carrier HALME HALME CONSTRUCTION  
Ticket Date 03/14/2025 Vehicle# RICK  
Payment Type Credit Account Container  
Manual Ticket# Driver RICK  
Route Check#  
Hauling Ticket# Billing# 0000084  
Destination Grid  
Manifest 119570WA  
Profile 119570WA (LF01: DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
Generator CVSD GUN-19615 CVSD GUN CLUB 19615 E SPRAGUE AVE LIBERTY LAKE  
PO# 119570WA

Time	Scale	Operator	Inbound	Gross	
In 03/14/2025 07:54:57	Scale1	amahurin		Tare	94300 lb 46600 lb
Out 03/14/2025 08:08:30	Scale1	amahurin		Net	47700 lb
				Tons	23.85

Comments

Product	LD%	Qty	UOM	Rate	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons-	100	23.85	Tons				SPOKANE
2 ENERGY-Energy Surcharge	100		%				
3 WWM-P-Waste Water Manag	100		%				
4 SRHD1-Spokane Regional	100	23.85	Tons				

Total Tax/Fees  
Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technic limitation.

**W**  
 Graham Road Facility  
 1820 S. Graham Road  
 Medical Center 89022

Original  
 Ticket# 743861  
 Ph: (509)244-0151

Customer Name HALMECONSINC HALME CONST Carrier HALME HALME CONSTRUCTION  
 Ticket Date 03/14/2025 Vehicle# RICK  
 Payment Type Credit Account Container  
 Manual Ticket# Driver RICK  
 Route Check#  
 Hauling Ticket# Billing# 0000084  
 Destination Grid  
 Manifest 119570WA  
 Profile 119570WA (LF01: DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
 Generator CVSD GUN-19615 CVSD GUN CLUB 19615 E SPRAGUE AVE LIBERTY LAKE  
 PO# 119570WA

Time	Scale	Operator	Inbound	Gross	104280 lb
In 03/14/2025 09:32:53	Scale1	amahurin		Tare	46560 lb
Out 03/14/2025 09:48:31	Scale1	amahurin		Net	57720 lb
				Tons	28.86

Comments

Product	LD%	Qty	UOM	Rate	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons-	100	28.86	Tons				SPOKANE
2 ENERGY-Energy Surcharge	100		%				SPOKANE
3 WWM-P-Waste Water Manag	100		%				SPOKANE
4 SRHD1-Spokane Regional	100	28.86	Tons				SPOKANE

Total Tax/Fees  
 Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	80
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	17 March 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 3
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Overcast, Windy	<b>Temperature</b>	30-47°F

---

**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: Haley & Aldrich, Inc. (Haley & Aldrich) observed Halme completing excavation activities of the northern contaminated material stockpile. Material was transported via haul trucks loaded by an excavator as well as pushed by dozer into the repository. Sampling Units located under the northern contaminated stockpile were not prepared today (see Repository Subgrade Excavation Plan and Confirmation Sampling Plan)
- b. Confirmation Sampling: No confirmation sampling was conducted today.
- c. Backfill: Haley & Aldrich observed material originating from the northern contaminated stockpile being stockpiled on the eastern portion of the repository. The material was placed on a portion of Lift No. 24 that passed compaction testing today.

**II. DUST MONITORING:**

Dust Monitors (DMs) with telemetry capabilities were deployed in advance of excavation and backfill today and operated from 07:40 to 17:00. Samsara DM 47181 was positioned upwind of Site work and DM 49913 was positioned downwind of Site work. The relative humidity in the morning was approximately 85 percent and the wind was southwest to northeast.

Dust levels did not exceed the threshold of 2.5 milligrams per cubic meter (mg/m<sup>3</sup>) total particulates nor the threshold of 0.025 mg/m<sup>3</sup> PM<sub>10</sub> 120-minute rolling average at the downwind property boundary. Site observations indicated that dust was well-controlled. Dust monitoring data is attached.

**III. COMPACTION TESTING:**

A Troxler E-Gauge 4590 was the utilized method of compaction testing, with a density greater than or equal to 90 percent of the 134.0 pounds per square foot (lbs./ft<sup>3</sup>) proctor indicating adequate compaction. Areas that failed initial compaction testing were recompacted by Halme under the guidance of Haley & Aldrich. Haley & Aldrich observed compaction of the western portion of the repository (Lift No. 22) and the western portion of the repository (Lift No. 24). Halme utilized a CAT 825C for compaction today.

**DAILY FIELD REPORT**

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	80
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	17 March 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	2 of 3
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Overcast, Windy	<b>Temperature</b>	30-47°F

**Table I. Compaction Testing Results**

Test Number	% Proctor	Dry Density	Wet Density	Moisture	Percent Moisture	Pass/Fail
24/1	98.9	132.5	140.1	7.6	5.7	Pass
24/2	90.8	121.7	126.7	5.0	4.1	Pass
24/3	97.8	131.1	135.9	4.8	3.7	Pass
24/4	98.7	132.2	138.1	5.9	4.4	Pass
24/5	97.1	130.1	135.2	5.0	3.9	Pass
24/6	91.0	121.9	126.6	4.7	3.8	Pass
24/7	97.3	130.4	137.6	7.1	5.5	Pass
22/1	85.9	115.1	119.9	4.9	4.2	Fail
22/2	98.7	132.2	140.2	8.0	6.0	Pass
22/3	97.4	130.6	139.6	9.1	6.9	Pass
22/4	99.9	133.8	140.0	6.2	4.7	Pass
22/5	93.3	125	128.8	3.9	3.1	Pass
22/6	90.9	121.8	125.7	3.8	3.2	Pass
22/7	94.4	126.5	136.1	9.6	7.6	Pass
22/8	97.5	130.6	135.3	4.7	3.6	Pass
22/9	96.5	129.3	133.3	4.1	3.1	Pass
22/10	98.9	132.5	138.2	5.7	4.3	Pass
22/11	95.6	128.1	137.1	9.0	7.0	Pass
22/12	95.3	127.7	131.9	4.2	3.3	Pass
22/13 Retest for 22/1	98.6	132.1	139.6	7.5	5.7	Pass

Lift No. 24 achieved 7 passing tests and Lift No. 22 achieved 12 passing tests and 1 failing test. Testing location 22/1 failed initial compaction testing but was retested providing a passing test value after additional compaction efforts were conducted. Test location 22/13 is a retest for location 22/1. (see Repository Subgrade Excavation Plan)

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	80
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	17 March 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	3 of 3
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Overcast, Windy	<b>Temperature</b>	30-47°F

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<u>Field Representative(s)</u>	<u>Time on Site</u>	<u>Report/Travel/Other</u>	<u>Total</u>
Cameron Luckey	10.70 hours	0.80 hours	11.50 hours

**Distribution:**

CVSD; Attn: Jay Rowell  
OAC Services, Inc.; Attn: Jeff Jurgensen

**Attachments:**

Attachment A – Photo Log  
Attachment B – Dust Data  
Attachment C – Excavation Markup  
Attachment D – Repository Markup



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Haley & Aldrich, Inc.

[https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/03 - March/03\\_17\\_25\\_CAL\\_DFR\\_80/03\\_17\\_25\\_CAL\\_DFR.docx](https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/03 - March/03_17_25_CAL_DFR_80/03_17_25_CAL_DFR.docx)



Photo 01. Repository backfill progress (view looking northeast).



Photo 02. Repository backfill progress (view looking southeast).

**Site Photographs – 17 March 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA

**HALEY  
ALDRICH**

**Attachment A**



Photo 03. Northern contaminated stockpile excavation progress (view looking east).



Photo 04. Northern contaminated stockpile excavation progress (view looking northeast).

**Site Photographs – 17 March 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA

**HALEY  
ALDRICH**

**Attachment A**

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
<b>Upwind</b>								
Modem 47181	3/17/2025 19:50	3/17/2025 20:00	0	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/17/2025 19:40	3/17/2025 19:50	0	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/17/2025 19:30	3/17/2025 19:40	0	0	0.001	0.001	0.001	0.001
Modem 47181	3/17/2025 19:20	3/17/2025 19:30	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/17/2025 19:10	3/17/2025 19:20	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/17/2025 19:00	3/17/2025 19:10	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/17/2025 18:50	3/17/2025 19:00	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/17/2025 18:40	3/17/2025 18:50	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/17/2025 18:30	3/17/2025 18:40	0.001	0.002	0.002	0.002	0.002	0.0015
Modem 47181	3/17/2025 18:20	3/17/2025 18:30	0.001	0.001	0.001	0.002	0.002	0.0015
Modem 47181	3/17/2025 18:10	3/17/2025 18:20	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/17/2025 18:00	3/17/2025 18:10	0.001	0.001	0.001	0.001	0.001	0.0015
Modem 47181	3/17/2025 17:50	3/17/2025 18:00	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/17/2025 17:40	3/17/2025 17:50	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/17/2025 17:30	3/17/2025 17:40	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/17/2025 17:20	3/17/2025 17:30	0.001	0.001	0.001	0.001	0.001	0.0015
Modem 47181	3/17/2025 17:10	3/17/2025 17:20	0.001	0.001	0.001	0.001	0.001	0.002
Modem 47181	3/17/2025 17:00	3/17/2025 17:10	0.001	0.001	0.001	0.001	0.001	0.002
Modem 47181	3/17/2025 16:50	3/17/2025 17:00	0	0.001	0.001	0.001	0.001	0.002
Modem 47181	3/17/2025 16:40	3/17/2025 16:50	0.001	0.001	0.001	0.001	0.001	0.002
Modem 47181	3/17/2025 16:30	3/17/2025 16:40	0.001	0.001	0.001	0.001	0.001	0.0025
Modem 47181	3/17/2025 16:20	3/17/2025 16:30	0.001	0.001	0.001	0.001	0.001	0.003
Modem 47181	3/17/2025 16:10	3/17/2025 16:20	0.001	0.001	0.001	0.001	0.001	0.004
Modem 47181	3/17/2025 16:00	3/17/2025 16:10	0.001	0.001	0.002	0.002	0.002	0.0045
Modem 47181	3/17/2025 15:50	3/17/2025 16:00	0.001	0.001	0.001	0.001	0.001	0.0035
Modem 47181	3/17/2025 15:40	3/17/2025 15:50	0.001	0.001	0.001	0.001	0.001	0.0045
Modem 47181	3/17/2025 15:30	3/17/2025 15:40	0.001	0.001	0.001	0.001	0.001	0.003
Modem 47181	3/17/2025 15:20	3/17/2025 15:30	0.001	0.002	0.002	0.002	0.002	0.002
Modem 47181	3/17/2025 15:10	3/17/2025 15:20	0.003	0.003	0.003	0.003	0.003	0.0025
Modem 47181	3/17/2025 15:00	3/17/2025 15:10	0.003	0.003	0.003	0.003	0.003	0.005
Modem 47181	3/17/2025 14:50	3/17/2025 15:00	0.003	0.003	0.003	0.003	0.003	0.0055
Modem 47181	3/17/2025 14:40	3/17/2025 14:50	0.003	0.003	0.003	0.003	0.003	0.005
Modem 47181	3/17/2025 14:30	3/17/2025 14:40	0.003	0.003	0.004	0.004	0.004	0.006
Modem 47181	3/17/2025 14:20	3/17/2025 14:30	0.004	0.004	0.004	0.005	0.005	0.0095
Modem 47181	3/17/2025 14:10	3/17/2025 14:20	0.006	0.006	0.007	0.007	0.007	0.012
Modem 47181	3/17/2025 14:00	3/17/2025 14:10	0.006	0.007	0.007	0.007	0.007	0.0095
Modem 47181	3/17/2025 13:50	3/17/2025 14:00	0.005	0.005	0.006	0.006	0.006	0.0095
Modem 47181	3/17/2025 13:40	3/17/2025 13:50	0.007	0.007	0.008	0.008	0.008	0.0095
Modem 47181	3/17/2025 13:30	3/17/2025 13:40	0.004	0.004	0.005	0.005	0.005	0.0085
Modem 47181	3/17/2025 13:20	3/17/2025 13:30	0.002	0.002	0.002	0.002	0.002	0.007
Modem 47181	3/17/2025 13:10	3/17/2025 13:20	0.002	0.002	0.002	0.002	0.002	0.007
Modem 47181	3/17/2025 13:00	3/17/2025 13:10	0.007	0.007	0.007	0.007	0.007	0.009
Modem 47181	3/17/2025 12:50	3/17/2025 13:00	0.007	0.007	0.008	0.008	0.008	0.01
Modem 47181	3/17/2025 12:40	3/17/2025 12:50	0.006	0.006	0.006	0.007	0.007	0.0095

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
Modem 47181	3/17/2025 12:30	3/17/2025 12:40	0.007	0.007	0.008	0.008	0.008	
Modem 47181	3/17/2025 12:20	3/17/2025 12:30	0.013	0.013	0.014	0.014	0.014	
Modem 47181	3/17/2025 12:10	3/17/2025 12:20	0.014	0.015	0.016	0.017	0.017	
Modem 47181	3/17/2025 12:00	3/17/2025 12:10	0.011	0.011	0.012	0.012	0.012	
Modem 47181	3/17/2025 11:50	3/17/2025 12:00	0.012	0.012	0.012	0.013	0.013	
Modem 47181	3/17/2025 11:40	3/17/2025 11:50	0.01	0.011	0.011	0.011	0.011	
Modem 47181	3/17/2025 11:30	3/17/2025 11:40	0.011	0.011	0.011	0.012	0.012	
Modem 47181	3/17/2025 11:20	3/17/2025 11:30	0.011	0.011	0.011	0.012	0.012	
Modem 47181	3/17/2025 11:10	3/17/2025 11:20	0.011	0.011	0.011	0.012	0.012	
Modem 47181	3/17/2025 11:00	3/17/2025 11:10	0.01	0.011	0.011	0.011	0.011	
Modem 47181	3/17/2025 10:50	3/17/2025 11:00	0.011	0.011	0.011	0.012	0.012	
Modem 47181	3/17/2025 10:40	3/17/2025 10:50	0.011	0.011	0.011	0.012	0.012	
Modem 47181	3/17/2025 10:30	3/17/2025 10:40	0.01	0.011	0.011	0.011	0.011	
<b>Downwind</b>								
Modem 49913	3/17/2025 19:50	3/17/2025 20:00	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Modem 49913	3/17/2025 19:40	3/17/2025 19:50	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Modem 49913	3/17/2025 19:30	3/17/2025 19:40	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Modem 49913	3/17/2025 19:20	3/17/2025 19:30	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Modem 49913	3/17/2025 19:10	3/17/2025 19:20	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Modem 49913	3/17/2025 19:00	3/17/2025 19:10	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Modem 49913	3/17/2025 18:50	3/17/2025 19:00	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Modem 49913	3/17/2025 18:40	3/17/2025 18:50	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	3/17/2025 18:30	3/17/2025 18:40	0	0	0	0	0	0
Modem 49913	3/17/2025 18:20	3/17/2025 18:30	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	3/17/2025 18:10	3/17/2025 18:20	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	3/17/2025 18:00	3/17/2025 18:10	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	3/17/2025 17:50	3/17/2025 18:00	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	3/17/2025 17:40	3/17/2025 17:50	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	3/17/2025 17:30	3/17/2025 17:40	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	3/17/2025 17:20	3/17/2025 17:30	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	3/17/2025 17:10	3/17/2025 17:20	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	3/17/2025 17:00	3/17/2025 17:10	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	3/17/2025 16:50	3/17/2025 17:00	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	3/17/2025 16:40	3/17/2025 16:50	0	0	0	0	0	0
Modem 49913	3/17/2025 16:30	3/17/2025 16:40	0	0	0	0	0	0.0035
Modem 49913	3/17/2025 16:20	3/17/2025 16:30	0	0	0	0	0	0.0055
Modem 49913	3/17/2025 16:10	3/17/2025 16:20	0	0	0	0	0	0.002
Modem 49913	3/17/2025 16:00	3/17/2025 16:10	0	0	0	0	0	0.0035
Modem 49913	3/17/2025 15:50	3/17/2025 16:00	0	0	0	0	0	0.0015
Modem 49913	3/17/2025 15:40	3/17/2025 15:50	0	0	0	0	0	0.0045
Modem 49913	3/17/2025 15:30	3/17/2025 15:40	0	0	0	0	0	0.005
Modem 49913	3/17/2025 15:20	3/17/2025 15:30	0	0	0	0	0	0
Modem 49913	3/17/2025 15:10	3/17/2025 15:20	0	0	0	0	0	0
Modem 49913	3/17/2025 15:00	3/17/2025 15:10	0	0	0	0	0	0.002
Modem 49913	3/17/2025 14:50	3/17/2025 15:00	0	0	0	0	0	0.004

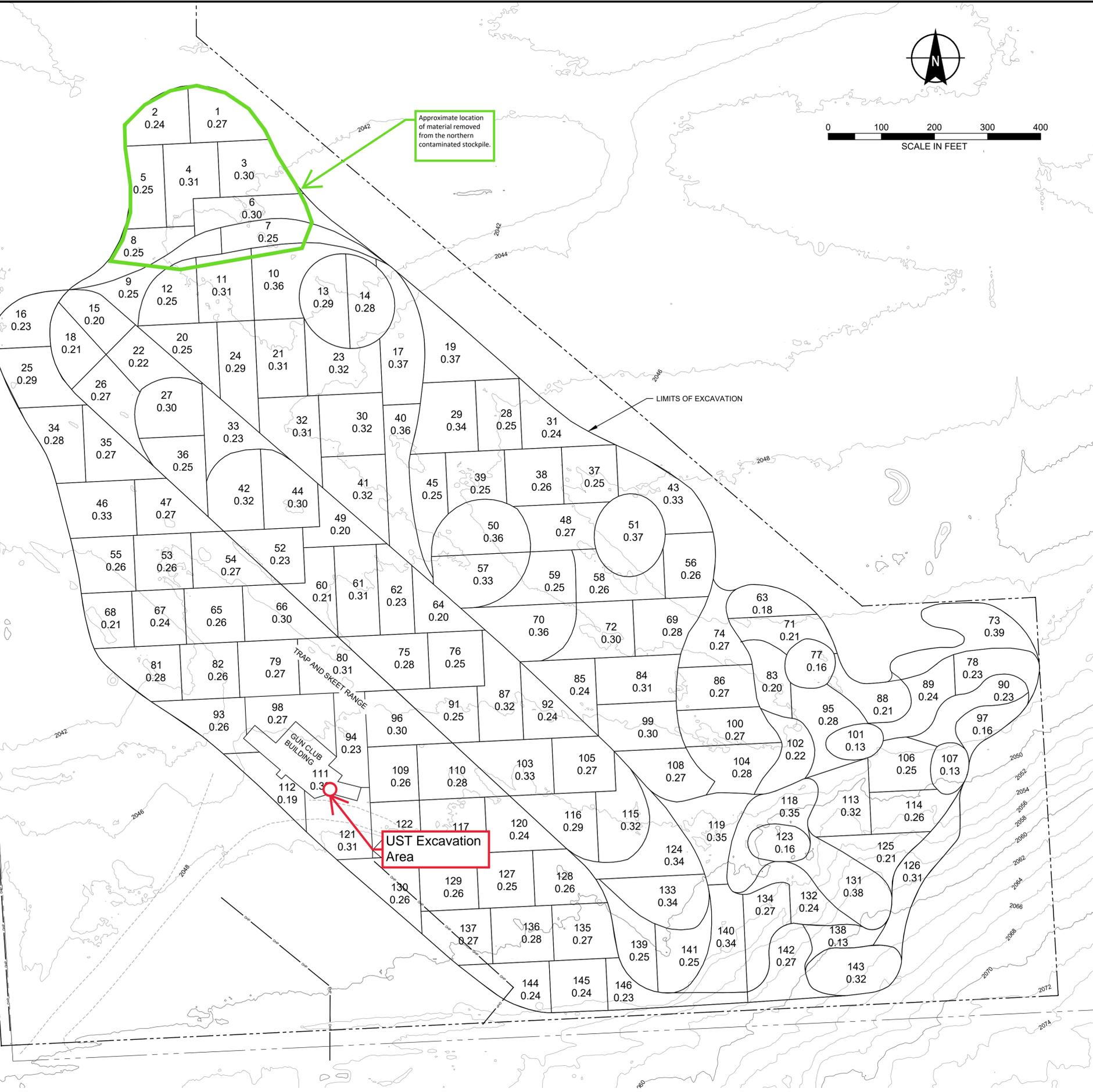
DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
Modem 49913	3/17/2025 14:40	3/17/2025 14:50	0	0	0	0	0	0.001
Modem 49913	3/17/2025 14:30	3/17/2025 14:40	0.006	0.006	0.007	0.007	0.007	0.006
Modem 49913	3/17/2025 14:20	3/17/2025 14:30	0.01	0.01	0.01	0.011	0.011	0.009
Modem 49913	3/17/2025 14:10	3/17/2025 14:20	0.004	0.004	0.004	0.004	0.004	0.006
Modem 49913	3/17/2025 14:00	3/17/2025 14:10	0.005	0.006	0.006	0.007	0.007	0.009
Modem 49913	3/17/2025 13:50	3/17/2025 14:00	0.003	0.003	0.003	0.003	0.003	0.007
Modem 49913	3/17/2025 13:40	3/17/2025 13:50	0.007	0.008	0.008	0.009	0.009	0.0095
Modem 49913	3/17/2025 13:30	3/17/2025 13:40	0.008	0.008	0.009	0.01	0.01	0.0105
Modem 49913	3/17/2025 13:20	3/17/2025 13:30	0	0	0	0	0	0.0055
Modem 49913	3/17/2025 13:10	3/17/2025 13:20	0	0	0	0	0	0.0055
Modem 49913	3/17/2025 13:00	3/17/2025 13:10	0.003	0.003	0.003	0.004	0.004	0.0075
Modem 49913	3/17/2025 12:50	3/17/2025 13:00	0.007	0.007	0.007	0.008	0.008	0.01
Modem 49913	3/17/2025 12:40	3/17/2025 12:50	0.002	0.002	0.002	0.002	0.002	0.007
Modem 49913	3/17/2025 12:30	3/17/2025 12:40	0.005	0.005	0.005	0.005	0.005	0.009
Modem 49913	3/17/2025 12:20	3/17/2025 12:30	0.006	0.007	0.007	0.007	0.007	
Modem 49913	3/17/2025 12:10	3/17/2025 12:20	0.007	0.007	0.007	0.008	0.008	
Modem 49913	3/17/2025 12:00	3/17/2025 12:10	0.009	0.01	0.01	0.011	0.011	
Modem 49913	3/17/2025 11:50	3/17/2025 12:00	0.01	0.01	0.011	0.011	0.011	
Modem 49913	3/17/2025 11:40	3/17/2025 11:50	0.009	0.01	0.01	0.01	0.01	
Modem 49913	3/17/2025 11:30	3/17/2025 11:40	0.009	0.01	0.01	0.011	0.011	
Modem 49913	3/17/2025 11:20	3/17/2025 11:30	0.01	0.01	0.011	0.011	0.011	
Modem 49913	3/17/2025 11:10	3/17/2025 11:20	0.01	0.01	0.01	0.011	0.011	
Modem 49913	3/17/2025 11:00	3/17/2025 11:10	0.01	0.01	0.01	0.011	0.011	
Modem 49913	3/17/2025 10:50	3/17/2025 11:00	0.012	0.012	0.012	0.012	0.012	
Modem 49913	3/17/2025 10:40	3/17/2025 10:50	0.012	0.012	0.012	0.012	0.012	
Modem 49913	3/17/2025 10:30	3/17/2025 10:40	0.013	0.013	0.013	0.013	0.013	



**NOTES**

1. CONTRACTOR IS RESPONSIBLE FOR SURVEYING AND DELINEATING THE LIMITS OF THE SAMPLE UNITS SHOWN, AS NECESSARY TO COMPLETE THE WORK.
2. CONTRACTOR SHALL NOT BACKFILL WITHIN THE LIMITS OF ANY INDIVIDUAL SAMPLING UNTIL RECEIVING APPROVAL BY THE ENGINEER.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR CONFIRMATION SAMPLING AT LEAST 2 WORKING DAYS IN ADVANCE FOR EACH SAMPLING UNIT.
4. ALLOW UP TO 5 DAYS FOR THE ENGINEER TO COLLECT CONFIRMATION SAMPLES FOLLOWING IMPACTED SOIL EXCAVATION AND 10 TO 15 DAYS FOR ANALYTICAL RESULTS. CONFIRMATION SAMPLING RESULTS ARE EXPECTED TO TAKE BETWEEN 10 AND 15 DAYS, POSSIBLY LONGER. THE EXACT NUMBER OF DAYS REQUIRED WILL NOT BE KNOWN UNTIL THE FIRST SAMPLES ARE PROCESSED AND COULD VARY BETWEEN SAMPLING UNITS DEPENDING ON SHIPPING AND MOISTURE CONTENT. THE CONTRACTOR SHALL PLAN THE WORK ACCORDINGLY.
5. ONCE A SAMPLING UNIT IS DESIGNATED FOR CONFIRMATION SAMPLING IMPACTED SOILS SHALL NO LONGER BE TRANSPORTED THROUGH THAT SAMPLING UNIT.
6. CLEAN BACKFILL FROM THE REPOSITORY CAN BE STOCKPILED ADJACENT TO SAMPLING UNITS OUTSIDE THE LIMITS OF EXCAVATION IN LOCATIONS APPROVED BY THE ENGINEER.

**LEGEND**

- 73 SAMPLE UNIT ID
- 0.39 AREA (ACRES)

UNIT ID	AREA (AC.)
1	0.27
2	0.24
3	0.30
4	0.31
5	0.25
6	0.30
7	0.25
8	0.25
9	0.25
10	0.36
11	0.31
12	0.25
13	0.29
14	0.28
15	0.20
16	0.23
17	0.37
18	0.21
19	0.37
20	0.25
21	0.31
22	0.22
23	0.32
24	0.29
25	0.29
26	0.27
27	0.30
28	0.25
29	0.34
30	0.32
31	0.24
32	0.31
33	0.23
34	0.28
35	0.27
36	0.25
37	0.25
38	0.26
39	0.25
40	0.36
41	0.32
42	0.32
43	0.33
44	0.30
45	0.25
46	0.33
47	0.27
48	0.27
49	0.20
50	0.36
51	0.37
52	0.23
53	0.26
54	0.27
55	0.26
56	0.26
57	0.33
58	0.26
59	0.25
60	0.21
61	0.31
62	0.23
63	0.18
64	0.20
65	0.26
66	0.30
67	0.24
68	0.21
69	0.28
70	0.36
71	0.21
72	0.30
73	0.39
74	0.27
75	0.28
76	0.25
77	0.16
78	0.23
79	0.27
80	0.31
81	0.28
82	0.26
83	0.20
84	0.31
85	0.24
86	0.27
87	0.32
88	0.21
89	0.24
90	0.23
91	0.25
92	0.24
93	0.26
94	0.23
95	0.28
96	0.30
97	0.16
98	0.27
99	0.30
100	0.27
101	0.13
102	0.22
103	0.33
104	0.28
105	0.27
106	0.25
107	0.13
108	0.27
109	0.26
110	0.28
111	0.3
112	0.19
113	0.32
114	0.26
115	0.32
116	0.29
117	0.30
118	0.35
119	0.35
120	0.24
121	0.31
122	0.24
123	0.16
124	0.34
125	0.21
126	0.31
127	0.25
128	0.26
129	0.26
130	0.26
131	0.38
132	0.24
133	0.34
134	0.27
135	0.27
136	0.28
137	0.27
138	0.13
139	0.25
140	0.34
141	0.25
142	0.27
143	0.32
144	0.24
145	0.24
146	0.23

UNIT ID	AREA (AC.)
59	0.25
60	0.21
61	0.31
62	0.23
63	0.18
64	0.20
65	0.26
66	0.30
67	0.24
68	0.21
69	0.28
70	0.36
71	0.21
72	0.30
73	0.39
74	0.27
75	0.28
76	0.25
77	0.16
78	0.23
79	0.27
80	0.31
81	0.28
82	0.26
83	0.20
84	0.31
85	0.24
86	0.27
87	0.32
88	0.21
89	0.24
90	0.23
91	0.25
92	0.24
93	0.26
94	0.23
95	0.28
96	0.30
97	0.16
98	0.27
99	0.30
100	0.27
101	0.13
102	0.22
103	0.33
104	0.28
105	0.27
106	0.25
107	0.13
108	0.27
109	0.26
110	0.28
111	0.32
112	0.19
113	0.32
114	0.26
115	0.32
116	0.29

UNIT ID	AREA (AC.)
117	0.30
118	0.35
119	0.35
120	0.24
121	0.31
122	0.22
123	0.16
124	0.34
125	0.21
126	0.31
127	0.25
128	0.26
129	0.26
130	0.26
131	0.38
132	0.24
133	0.34
134	0.27
135	0.27
136	0.28
137	0.27
138	0.13
139	0.25
140	0.34
141	0.25
142	0.27
143	0.32
144	0.24
145	0.24
146	0.23
TOTAL	39.42

CAL  
17 March 2025

Project No.: 202349-001  
Scale: SHOWN  
Date: 10/17/2023  
Drawn By: ZS/MO  
Designed By: BD  
Checked By: KH  
Approved By: JH/KH  
Stamp:

Rev.	Description	By	Date
1	ISSUED FOR ECOLOGY	BD	05/18/23
0	ISSUED FOR BID	BD	10/18/23

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE. #9656  
SPOKANE VALLEY,  
WASHINGTON

**CONFIRMATION SAMPLING PLAN**

**C-302**



<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	81
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	18 March 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Partly Cloudy	<b>Temperature</b>	32-49°F

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**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: Haley & Aldrich, Inc. (Haley & Aldrich) observed excavation of Units on the north side of the Site. Contaminated soil from this side of the Site was pushed into a large stockpile on top of the repository, with some soil also being taken to the repository via haul truck and deposited as fill for Lift No. 23.
- a. Confirmation Sampling: A total of six Sample Units were sampled today (Units 3, 4, 6, 7, 10, and 11). Each Sample Unit was divided into four Quadrants, and a discrete sample was collected from the approximate center of each Quadrant, resulting in four samples per Unit. Sample Units 6 and 7 were an exception due to their geometry only warranting two samples. The Chain of Custody (COC) for these samples is attached.
- b. Backfill: Haley & Aldrich observed placement of Lift No. 23 in the repository. Halme brought in fill to the repository for Lift No. 23, depositing this soil in small stockpiles. Haley & Aldrich also observed Halme cover the southern portion of Lift No. 24 with a large, contaminated stockpile, pushing dirt directly from the northern units onto this section of the repository.

**II. DUST MONITORING:**

Dust Monitors (DMs) with telemetry capabilities were deployed in advance of excavation and backfill today and operated from 07:15 to 16:15. Samsara DM 47181 was positioned upwind of Site work and DM 49913 was positioned downwind of Site work. The relative humidity in the morning was approximately 83 percent and the wind was to the northeast.

Dust levels did not exceed the threshold of 2.5 milligrams per cubic meter (mg/m<sup>3</sup>) total particulates nor the threshold of 0.025 mg/m<sup>3</sup> PM<sub>10</sub> 120-minute rolling average at the downwind property boundary. Site observations indicated that dust was well-controlled. Dust monitoring data is attached.

**III. COMPACTION TESTING:**

No compaction tests were performed today.

**Discussions:**

<b><u>Name</u></b>	<b><u>Topic</u></b>
Halme; Haley & Aldrich	Haley & Aldrich spoke with Casey of Halme during the excavation of the northern Units, issuing guidance on which areas needed to be cleaned-up or over-excavated.

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	81
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	18 March 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	2 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Partly Cloudy	<b>Temperature</b>	32-49°F

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<b><u>Field Representative(s)</u></b>	<b><u>Time on Site</u></b>	<b><u>Report/Travel/Other</u></b>	<b><u>Total</u></b>
Luke Peden	8.5 hours	1.5 hours	10.0 hours

**Distribution:**

CVSD; Attn: Jay Rowell  
OAC Services, Inc.; Attn: Jeff Jurgensen

**Attachments:**

Attachment A – Photo Log  
Attachment B – Dust Data  
Attachment C – Chain of Custody (COC)  
Attachment D – Confirmation Sampling Plan  
Attachment E – Repository Subgrade Excavation Plan



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Haley & Aldrich, Inc.

[https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/03 - March/03\\_18\\_25\\_LWP\\_DFR\\_81/03\\_18\\_25\\_LWP\\_DFR.docx](https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/03 - March/03_18_25_LWP_DFR_81/03_18_25_LWP_DFR.docx)



Photo 01. Excavation and stockpiling of contaminated soil covering northern units, facing northwest.



Photo 02. Uncovered northern units and contaminated stockpile on top of eastern portion of Lift 24 of the repository, facing north.

**Site Photographs – 18 March 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA

**HALEY  
ALDRICH**

**Attachment A**



Photo 03. Exclusion zone around UST excavation area, facing southeast.



Photo 04. Bottom of UST excavation pit, facing southwest.

**Site Photographs – 18 March 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA



**Attachment A**

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM 10 120 min Avg.
	(Eastern)	(Eastern)	(mg/m <sup>3</sup> )					
<b>Upwind</b>								
Modem 47181	3/18/2025 19:50	3/18/2025 20:00	0.001	0.002	0.002	0.003	0.003	0.001
Modem 47181	3/18/2025 19:40	3/18/2025 19:50	0.001	0.002	0.002	0.003	0.003	0.001
Modem 47181	3/18/2025 19:30	3/18/2025 19:40	0.001	0.002	0.002	0.003	0.003	0.001
Modem 47181	3/18/2025 19:20	3/18/2025 19:30	0.001	0.002	0.002	0.003	0.003	0.001
Modem 47181	3/18/2025 19:10	3/18/2025 19:20	0.001	0.002	0.002	0.003	0.003	0.001
Modem 47181	3/18/2025 19:00	3/18/2025 19:10	0.001	0.002	0.002	0.003	0.003	0.001
Modem 47181	3/18/2025 18:50	3/18/2025 19:00	0.000	0.000	0.000	0.000	0.000	0.000
Modem 47181	3/18/2025 18:40	3/18/2025 18:50	0.000	0.000	0.000	0.000	0.000	0.000
Modem 47181	3/18/2025 18:30	3/18/2025 18:40	0.000	0.000	0.000	0.000	0.000	0.001
Modem 47181	3/18/2025 18:20	3/18/2025 18:30	0.000	0.000	0.000	0.000	0.000	0.001
Modem 47181	3/18/2025 18:10	3/18/2025 18:20	0.000	0.000	0.000	0.000	0.000	0.001
Modem 47181	3/18/2025 18:00	3/18/2025 18:10	0.000	0.000	0.000	0.000	0.000	0.001
Modem 47181	3/18/2025 17:50	3/18/2025 18:00	0.000	0.000	0.001	0.001	0.001	0.001
Modem 47181	3/18/2025 17:40	3/18/2025 17:50	0.000	0.000	0.001	0.001	0.001	0.001
Modem 47181	3/18/2025 17:30	3/18/2025 17:40	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/18/2025 17:20	3/18/2025 17:30	0.000	0.000	0.000	0.000	0.000	0.001
Modem 47181	3/18/2025 17:10	3/18/2025 17:20	0.000	0.000	0.000	0.001	0.001	0.001
Modem 47181	3/18/2025 17:00	3/18/2025 17:10	0.000	0.000	0.000	0.000	0.000	0.001
Modem 47181	3/18/2025 16:50	3/18/2025 17:00	0.000	0.000	0.000	0.001	0.001	0.001
Modem 47181	3/18/2025 16:40	3/18/2025 16:50	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/18/2025 16:30	3/18/2025 16:40	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/18/2025 16:20	3/18/2025 16:30	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/18/2025 16:10	3/18/2025 16:20	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/18/2025 16:00	3/18/2025 16:10	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/18/2025 15:50	3/18/2025 16:00	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/18/2025 15:40	3/18/2025 15:50	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/18/2025 15:30	3/18/2025 15:40	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/18/2025 15:20	3/18/2025 15:30	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/18/2025 15:10	3/18/2025 15:20	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/18/2025 15:00	3/18/2025 15:10	0.002	0.002	0.002	0.002	0.002	0.001
Modem 47181	3/18/2025 14:50	3/18/2025 15:00	0.001	0.001	0.001	0.001	0.001	0.000
Modem 47181	3/18/2025 14:40	3/18/2025 14:50	0.001	0.001	0.001	0.001	0.001	0.000
Modem 47181	3/18/2025 14:30	3/18/2025 14:40	0.001	0.001	0.001	0.001	0.001	0.000
Modem 47181	3/18/2025 14:20	3/18/2025 14:30	0.000	0.000	0.000	0.000	0.000	0.000
Modem 47181	3/18/2025 14:10	3/18/2025 14:20	0.000	0.000	0.000	0.000	0.000	0.000
Modem 47181	3/18/2025 14:00	3/18/2025 14:10	0.002	0.002	0.002	0.002	0.002	0.001
Modem 47181	3/18/2025 13:50	3/18/2025 14:00	0.000	0.000	0.000	0.000	0.000	0.000
Modem 47181	3/18/2025 13:40	3/18/2025 13:50	0.000	0.000	0.000	0.000	0.000	0.001
Modem 47181	3/18/2025 13:30	3/18/2025 13:40	0.000	0.000	0.000	0.000	0.000	0.001
Modem 47181	3/18/2025 13:20	3/18/2025 13:30	0.000	0.000	0.000	0.000	0.000	0.001
Modem 47181	3/18/2025 13:10	3/18/2025 13:20	0.000	0.000	0.000	0.000	0.000	0.001
Modem 47181	3/18/2025 13:00	3/18/2025 13:10	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/18/2025 12:50	3/18/2025 13:00	0.000	0.000	0.000	0.000	0.000	0.001
Modem 47181	3/18/2025 12:40	3/18/2025 12:50	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/18/2025 12:30	3/18/2025 12:40	0.000	0.001	0.001	0.001	0.001	0.002

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM 10 120 min Avg.
	(Eastern)	(Eastern)	(mg/m <sup>3</sup> )					
Modem 47181	3/18/2025 12:20	3/18/2025 12:30	0.000	0.000	0.000	0.000	0.000	0.001
Modem 47181	3/18/2025 12:10	3/18/2025 12:20	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/18/2025 12:00	3/18/2025 12:10	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/18/2025 11:50	3/18/2025 12:00	0.001	0.001	0.001	0.001	0.001	
Modem 47181	3/18/2025 11:40	3/18/2025 11:50	0.001	0.001	0.002	0.002	0.002	
Modem 47181	3/18/2025 11:30	3/18/2025 11:40	0.001	0.001	0.001	0.002	0.002	
Modem 47181	3/18/2025 11:20	3/18/2025 11:30	0.001	0.001	0.001	0.001	0.002	
Modem 47181	3/18/2025 11:10	3/18/2025 11:20	0.001	0.002	0.002	0.002	0.002	
Modem 47181	3/18/2025 11:00	3/18/2025 11:10	0.002	0.002	0.002	0.002	0.002	
Modem 47181	3/18/2025 10:50	3/18/2025 11:00	0.002	0.002	0.002	0.002	0.002	
Modem 47181	3/18/2025 10:40	3/18/2025 10:50	0.002	0.002	0.002	0.002	0.002	
Modem 47181	3/18/2025 10:30	3/18/2025 10:40	0.002	0.002	0.002	0.002	0.002	
Modem 47181	3/18/2025 10:20	3/18/2025 10:30	0.000	0.000	0.000	0.000	0.000	
Modem 47181	3/18/2025 10:10	3/18/2025 10:20	0.000	0.000	0.000	0.000	0.000	
Modem 47181	3/18/2025 10:00	3/18/2025 10:10	0.000	0.000	0.000	0.000	0.000	
<b>Downwind</b>								
Modem 49913	3/18/2025 19:50	3/18/2025 20:00	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 19:40	3/18/2025 19:50	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 19:30	3/18/2025 19:40	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 19:20	3/18/2025 19:30	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 19:10	3/18/2025 19:20	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 19:00	3/18/2025 19:10	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 18:50	3/18/2025 19:00	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 18:40	3/18/2025 18:50	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 18:30	3/18/2025 18:40	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 18:20	3/18/2025 18:30	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 18:10	3/18/2025 18:20	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 18:00	3/18/2025 18:10	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 17:50	3/18/2025 18:00	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 17:40	3/18/2025 17:50	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 17:30	3/18/2025 17:40	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 17:20	3/18/2025 17:30	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 17:10	3/18/2025 17:20	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 17:00	3/18/2025 17:10	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 16:50	3/18/2025 17:00	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 16:40	3/18/2025 16:50	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 16:30	3/18/2025 16:40	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 16:20	3/18/2025 16:30	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 16:10	3/18/2025 16:20	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 16:00	3/18/2025 16:10	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 15:50	3/18/2025 16:00	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 15:40	3/18/2025 15:50	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 15:30	3/18/2025 15:40	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 15:20	3/18/2025 15:30	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 15:10	3/18/2025 15:20	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 15:00	3/18/2025 15:10	0.000	0.000	0.000	0.000	0.000	0.000

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM 10 120 min Avg.
	(Eastern)	(Eastern)	(mg/m <sup>3</sup> )					
Modem 49913	3/18/2025 14:50	3/18/2025 15:00	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 14:40	3/18/2025 14:50	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 14:30	3/18/2025 14:40	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 14:20	3/18/2025 14:30	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 14:10	3/18/2025 14:20	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 14:00	3/18/2025 14:10	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 13:50	3/18/2025 14:00	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 13:40	3/18/2025 13:50	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 13:30	3/18/2025 13:40	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 13:20	3/18/2025 13:30	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 13:10	3/18/2025 13:20	0.000	0.000	0.000	0.000	0.000	0.000
Modem 49913	3/18/2025 13:00	3/18/2025 13:10	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/18/2025 12:50	3/18/2025 13:00	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/18/2025 12:40	3/18/2025 12:50	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/18/2025 12:30	3/18/2025 12:40	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/18/2025 12:20	3/18/2025 12:30	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/18/2025 12:10	3/18/2025 12:20	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/18/2025 12:00	3/18/2025 12:10	0.000	0.000	0.000	0.000	0.000	0.001
Modem 49913	3/18/2025 11:50	3/18/2025 12:00	0.000	0.001	0.001	0.001	0.001	
Modem 49913	3/18/2025 11:40	3/18/2025 11:50	0.001	0.001	0.001	0.001	0.001	
Modem 49913	3/18/2025 11:30	3/18/2025 11:40	0.000	0.000	0.000	0.000	0.000	
Modem 49913	3/18/2025 11:20	3/18/2025 11:30	0.001	0.001	0.001	0.001	0.001	
Modem 49913	3/18/2025 11:10	3/18/2025 11:20	0.002	0.002	0.002	0.002	0.002	
Modem 49913	3/18/2025 11:00	3/18/2025 11:10	0.002	0.002	0.002	0.002	0.002	
Modem 49913	3/18/2025 10:50	3/18/2025 11:00	0.003	0.003	0.003	0.003	0.003	
Modem 49913	3/18/2025 10:40	3/18/2025 10:50	0.002	0.002	0.002	0.003	0.003	
Modem 49913	3/18/2025 10:30	3/18/2025 10:40	-0.001	-0.001	-0.001	-0.001	-0.001	
Modem 49913	3/18/2025 10:20	3/18/2025 10:30	-0.001	-0.001	-0.001	-0.001	-0.001	
Modem 49913	3/18/2025 10:10	3/18/2025 10:20	-0.001	-0.001	-0.001	-0.001	-0.001	
Modem 49913	3/18/2025 10:00	3/18/2025 10:10	-0.001	-0.001	-0.001	-0.001	-0.001	



# CHAIN OF CUSTODY RECORD

H&A FILE NO. 0202349 LABORATORY Eurofins Spokane DELIVERY DATE 3/18/25  
PROJECT NAME CYD Gm Club ADDRESS \_\_\_\_\_ TURNAROUND TIME 10-Day  
H&A CONTACT Brelyn Green CONTACT Randee Arrington PROJECT MANAGER Brelyn Green

Sample No.	Date	Time	Depth	Type	Analysis Requested										Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)		
					Pb EPA 8230	As EPA 8230	Ag EPA 8230	CPAH - 10 Day 8240	Stm 8240	Li 8240	Na 8240	Ca 8240	Mg 8240	Fe 8240			Other	HOLD
C-7-2-1	3/18/25	14:05	2	So:1	X	X	X										1	Laboratory to use applicable DEP CAM methods, unless otherwise directed.  -CPAHs by Project Specific List  -CPAHs on 10-Day TAT  -Pb, As on Standard TAT  3, 8, 4, 2 I Roob
C-7-2-2		14:10			X	X	X									1		
C-10-2-1		14:15			X	X	X									1		
C-10-2-2		14:20			X	X	X									1		
C-10-2-3		14:25												X		1		
C-10-2-4		14:30												X		1		
C-11-2-1		14:35			X	X	X									1		
C-11-2-2		14:40			X	X	X									1		
C-11-2-3		14:45												X		1		
C-11-2-4		14:50												X		1		

Sampled and Relinquished by	Received by	LIQUID				Sampling Comments
Sign <u>[Signature]</u>	Sign <u>[Signature]</u>					VOA Vial
Print <u>Leake Peden</u>	Print <u>CARSON ROSS WEN</u>					Amber Glass
Firm <u>Haley &amp; Aldrich</u>	Firm <u>BETSO</u>					Plastic Bottle
Date <u>3/18/25</u> Time <u>15:15</u>	Date <u>3/18/25</u> Time <u>3:15</u>					Preservative
Relinquished by	Received by	SOLID				Volume
Sign	Sign					VOA Vial
Print	Print					Amber Glass
Firm	Firm					Clear Glass
Date	Date					Preservative
Time	Time					Volume
Relinquished by	Received by	PRESERVATION KEY				Evidence samples were tampered with? YES NO
Sign	Sign					If YES, please explain in section below.
Print	Print					
Firm	Firm					
Date	Date					

**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.

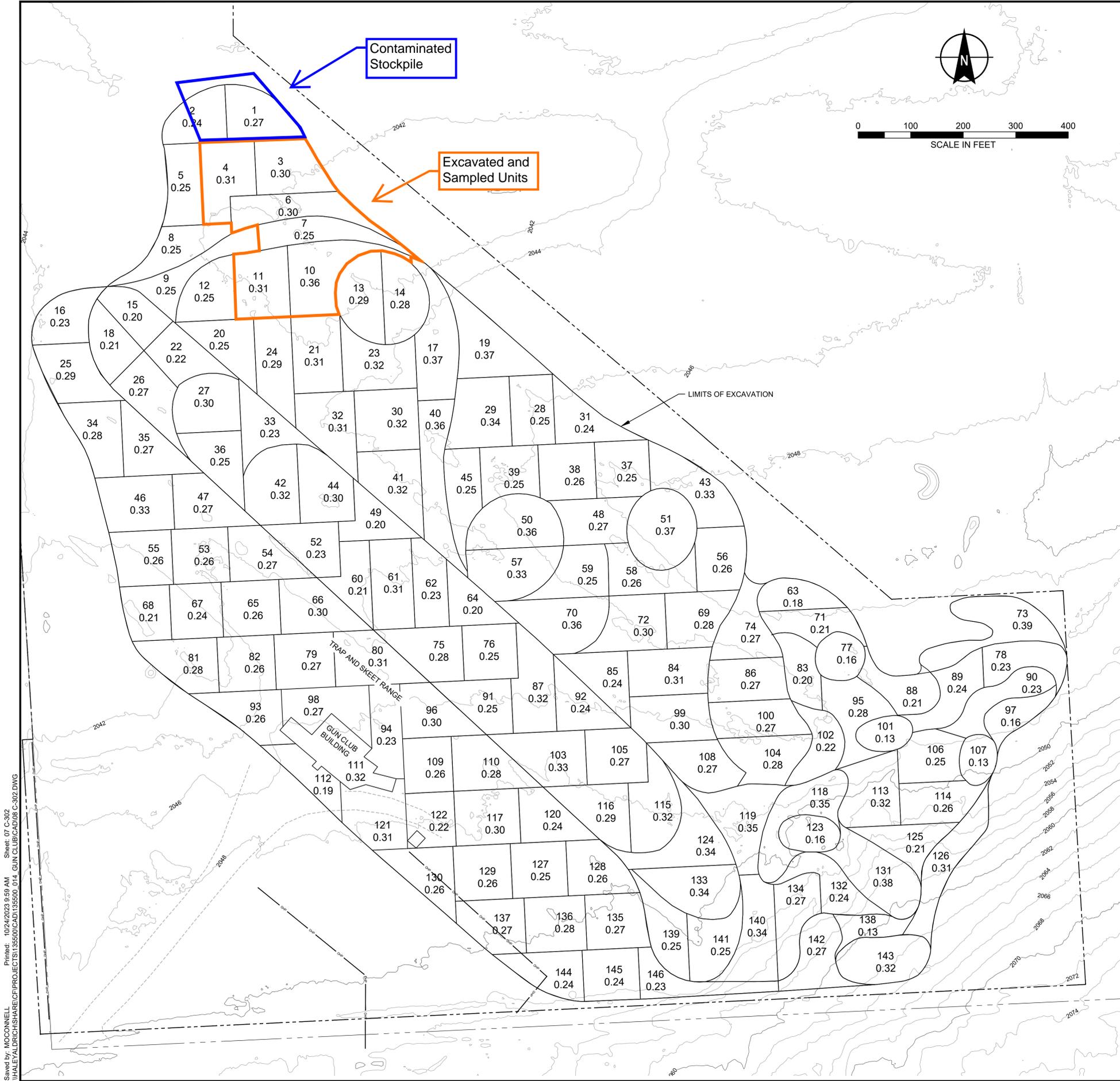
Matrix Spike (MS) samples for MCP Metals and/or Cyanide are included and identified herein.

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



**NOTES**

1. CONTRACTOR IS RESPONSIBLE FOR SURVEYING AND DELINEATING THE LIMITS OF THE SAMPLE UNITS SHOWN, AS NECESSARY TO COMPLETE THE WORK.
2. CONTRACTOR SHALL NOT BACKFILL WITHIN THE LIMITS OF ANY INDIVIDUAL SAMPLING UNTIL RECEIVING APPROVAL BY THE ENGINEER.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR CONFIRMATION SAMPLING AT LEAST 2 WORKING DAYS IN ADVANCE FOR EACH SAMPLING UNIT.
4. ALLOW UP TO 5 DAYS FOR THE ENGINEER TO COLLECT CONFIRMATION SAMPLES FOLLOWING IMPACTED SOIL EXCAVATION AND 10 TO 15 DAYS FOR ANALYTICAL RESULTS. CONFIRMATION SAMPLING RESULTS ARE EXPECTED TO TAKE BETWEEN 10 AND 15 DAYS, POSSIBLY LONGER. THE EXACT NUMBER OF DAYS REQUIRED WILL NOT BE KNOWN UNTIL THE FIRST SAMPLES ARE PROCESSED AND COULD VARY BETWEEN SAMPLING UNITS DEPENDING ON SHIPPING AND MOISTURE CONTENT. THE CONTRACTOR SHALL PLAN THE WORK ACCORDINGLY.
5. ONCE A SAMPLING UNIT IS DESIGNATED FOR CONFIRMATION SAMPLING IMPACTED SOILS SHALL NO LONGER BE TRANSPORTED THROUGH THAT SAMPLING UNIT.
6. CLEAN BACKFILL FROM THE REPOSITORY CAN BE STOCKPILED ADJACENT TO SAMPLING UNITS OUTSIDE THE LIMITS OF EXCAVATION IN LOCATIONS APPROVED BY THE ENGINEER.

**LEGEND**

- 73 SAMPLE UNIT ID
- 0.39 AREA (ACRES)

UNIT ID	AREA (AC.)
1	0.27
2	0.24
3	0.30
4	0.31
5	0.25
6	0.30
7	0.25
8	0.25
9	0.25
10	0.36
11	0.31
12	0.25
13	0.29
14	0.28
15	0.20
16	0.23
17	0.37
18	0.21
19	0.37
20	0.25
21	0.31
22	0.22
23	0.32
24	0.29
25	0.29
26	0.27
27	0.30
28	0.25
29	0.34
30	0.32
31	0.24
32	0.31
33	0.23
34	0.28
35	0.27
36	0.25
37	0.25
38	0.26
39	0.25
40	0.36
41	0.32
42	0.32
43	0.33
44	0.30
45	0.25
46	0.33
47	0.27
48	0.27
49	0.20
50	0.36
51	0.37
52	0.23
53	0.26
54	0.27
55	0.26
56	0.26
57	0.33
58	0.26
59	0.25
60	0.21
61	0.31
62	0.23
63	0.18
64	0.20
65	0.26
66	0.30
67	0.24
68	0.21
69	0.28
70	0.25
71	0.21
72	0.30
73	0.39
74	0.27
75	0.28
76	0.25
77	0.16
78	0.23
79	0.27
80	0.31
81	0.28
82	0.26
83	0.20
84	0.31
85	0.24
86	0.27
87	0.32
88	0.21
89	0.24
90	0.23
91	0.25
92	0.24
93	0.26
94	0.23
95	0.28
96	0.30
97	0.16
98	0.27
99	0.30
100	0.27
101	0.13
102	0.22
103	0.33
104	0.28
105	0.27
106	0.25
107	0.13
108	0.27
109	0.26
110	0.28
111	0.32
112	0.19
113	0.32
114	0.26
115	0.32
116	0.29
117	0.30
118	0.35
119	0.35
120	0.24
121	0.31
122	0.22
123	0.16
124	0.34
125	0.21
126	0.31
127	0.25
128	0.26
129	0.26
130	0.26
131	0.38
132	0.24
133	0.34
134	0.27
135	0.27
136	0.28
137	0.27
138	0.13
139	0.25
140	0.34
141	0.25
142	0.27
143	0.32
144	0.24
145	0.24
146	0.23

UNIT ID	AREA (AC.)
59	0.25
60	0.21
61	0.31
62	0.23
63	0.18
64	0.20
65	0.26
66	0.30
67	0.24
68	0.21
69	0.28
70	0.36
71	0.21
72	0.30
73	0.39
74	0.27
75	0.28
76	0.25
77	0.16
78	0.23
79	0.27
80	0.31
81	0.28
82	0.26
83	0.20
84	0.31
85	0.24
86	0.27
87	0.32
88	0.21
89	0.24
90	0.23
91	0.25
92	0.24
93	0.26
94	0.23
95	0.28
96	0.30
97	0.16
98	0.27
99	0.30
100	0.27
101	0.13
102	0.22
103	0.33
104	0.28
105	0.27
106	0.25
107	0.13
108	0.27
109	0.26
110	0.28
111	0.32
112	0.19
113	0.32
114	0.26
115	0.32
116	0.29

UNIT ID	AREA (AC.)
117	0.30
118	0.35
119	0.35
120	0.24
121	0.31
122	0.22
123	0.16
124	0.34
125	0.21
126	0.31
127	0.25
128	0.26
129	0.26
130	0.26
131	0.38
132	0.24
133	0.34
134	0.27
135	0.27
136	0.28
137	0.27
138	0.13
139	0.25
140	0.34
141	0.25
142	0.27
143	0.32
144	0.24
145	0.24
146	0.23
TOTAL	39.42

LWP  
18 March 2025



HALEY & ALDRICH  
505 W. RIVERSIDE AVE. SUITE 205  
SPOKANE, WA 99201  
TEL: 509.960.7447  
WWW.HALEYALDRICH.COM

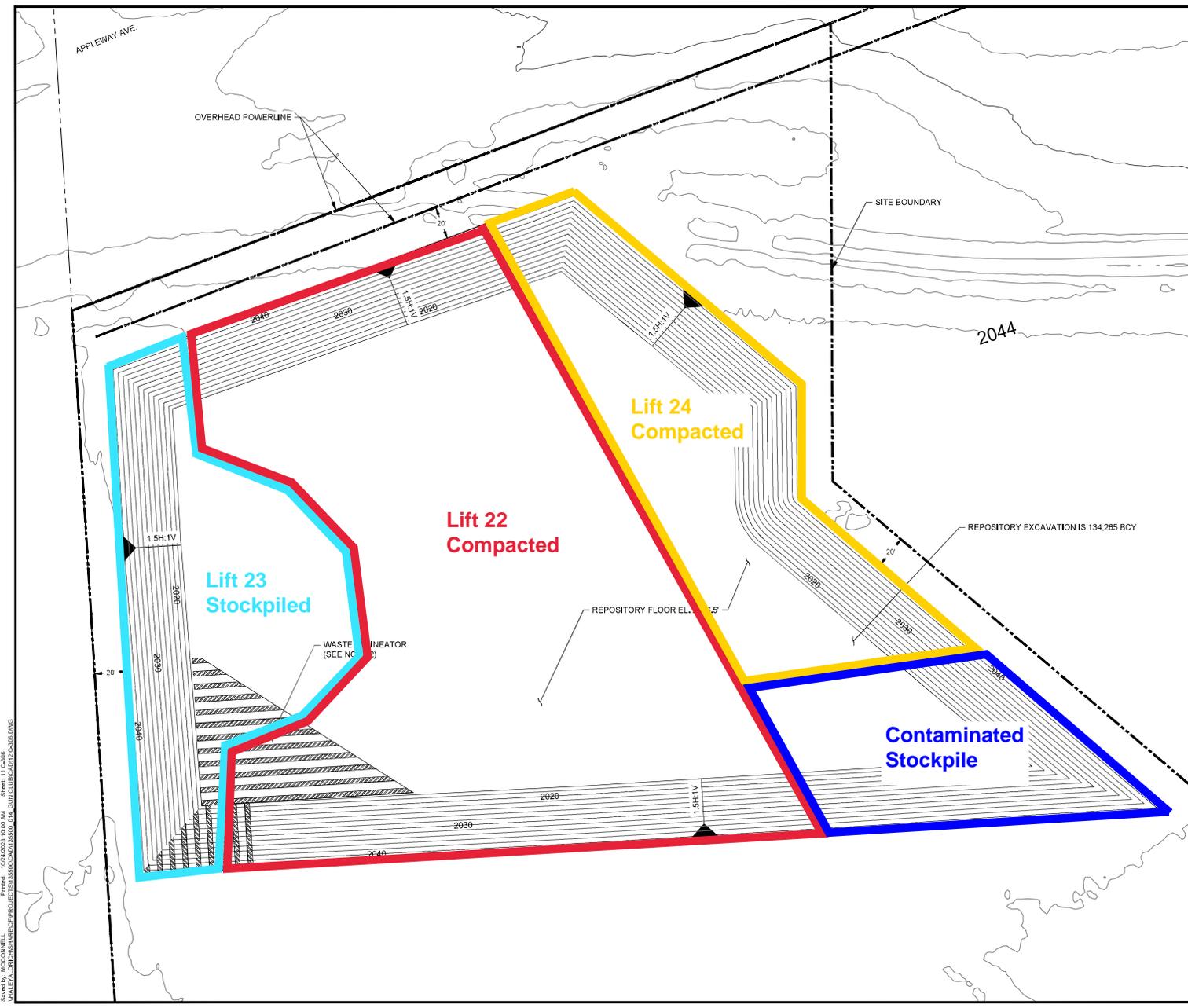
Project No.: 202349-001  
Scale: SHOWN  
Date: 10/17/2023  
Drawn By: ZS/MO  
Designed By: BD  
Checked By: KH  
Approved By: JH/KH  
Stamp:

Rev.	Description	By	Date
1	ISSUED FOR ECOLOGY	BD	05/18/23
0	ISSUED FOR BID	BD	10/18/23

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE. #9656  
SPOKANE VALLEY,  
WASHINGTON

**CONFIRMATION SAMPLING PLAN**

**C-302**



**NOTES**

- PRIOR TO EXCAVATION TOPSOIL SHALL BE STRIPPED AND STOCKPILED.
- A VISUAL REFERENCE FOR THE DELINEATION BETWEEN NATIVE SOIL AND MATERIAL PLACED IN THE REPOSITORY IS REQUIRED, REFERRED TO HEREIN AS A WASTE DELINEATOR.
- ORANGE SILT FENCE IN ROLLS 5 FEET WIDE (OR AND APPROVED EQUAL) IS REQUIRED TO BE PLACED 8 FEET O.C. WITH A SPACING BETWEEN THE FABRIC OF 5 FEET IN THE BOTTOM AND ALONG THE CUT SLOPES OF THE REPOSITORY AS A WASTE DELINEATOR.
- THE ORIENTATION OF THE WASTE DELINEATOR CAN VARY ACROSS THE BOTTOM OF THE REPOSITORY EXCAVATION AS APPROVED BY THE ENGINEER.
- IMPACTED SOILS SHALL BE PLACED IN THE REPOSITORY IN HORIZONTAL LIFTS NOT TO EXCEED 1.5 FEET IN TOTAL THICKNESS AND COMPACTED TO AT LEAST 90% PER MODIFIED PROCTOR ASTM D 1557/ASTM TO 1.180.
- CONCRETE AND OTHER DEMOLITION DEBRIS APPROVED BY THE ENGINEER SHALL BE PLACED 10 OR MORE FEET BELOW THE LINER.
- CONTRACTOR SHALL STOCKPILE BOULDERS WITH GREATEST DIMENSIONS LARGER THAN 24 INCHES IN THE STOCKPILE LOCATION SHOWN ON SHEET C-301 OR AS APPROVED BY THE ENGINEER.
- WHEN PLACING BOULDERS OR COBBLES DO NOT NEST THEM SUCH THAT VOIDS ARE CREATED. BOULDERS AND COBBLES SHALL BE SPREAD OUT UNIFORMLY SO SOIL FILLS AROUND THEM.
- PLACEMENT OF OVERSEED MATERIALS (12 - 24 INCHES) TO COMPACT AROUND THE SIDES WITHOUT BEING IN CONTACT WITH NEARBY OVERSIZE MATERIAL THAT PRECLUDES UNIFORM COMPACTION.
- CONCRETE BROKEN INTO PIECES 12 TO 24 INCHES SHALL BE TREATED THE SAME AS OVERSIZE MATERIAL.
- CONCRETE SLABS CAN BE INCORPORATED INTO FILL WITHOUT PROCESSING IF THEY ARE PLACED ON A LEVEL SURFACE (E.G. NOT DUMPED), SUCH THAT THEY ARE FIRMLY SEATED AND BACKFILLED WITH SAND AND GRAVEL. CONCRETE SLABS SHALL NOT BE STACKED NESTED OR OTHERWISE PLACED SUCH THAT VOIDS ARE CREATED.
- CONTRACTOR SHALL PROVIDE AN EXCAVATION PLAN WHICH INCLUDES BOTH THE REPOSITORY EXCAVATION AND BACKFILLING AND THE EXCAVATION OF IMPACTED SOILS.



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TEL: 509.363.7447  
WWW.HALEYALDRICH.COM

Project No.	202349-001
Scale	SHOWN
Date	10/17/2023
Drawn By	ZSM/CG
Designed By	BD
Checked By	KH
Approved By	JHK/KC
Stamp	



1	ISSUED FOR ECOLOGY	BD	05/16/23
0	ISSUED FOR BE	BD	10/16/23
Rev.	Description	By	Date

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE, #9656  
SPOKANE VALLEY,  
WASHINGTON

**REPOSITORY  
SUBGRADE  
EXCAVATION PLAN**

**C-306**

Sheet 11 of 21

**LWP  
18 March 2025**



Shared by: MCDONNELL  
 HALEYALDRICH\ENGINEERING\PROJECTS\1556000\AD180500\_014\_GUN CLUB\CAD\DWG\C-306.DWG  
 Printed: 10/24/2023 10:50 AM Sheet: 11 of 21

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	82
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	19 March 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Overcast, Windy	<b>Temperature</b>	30-45°F

**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: Haley & Aldrich, Inc. (Haley & Aldrich) observed Halme excavating and transport the northern contaminated material stockpile. Material from the northern contaminated stockpile was pushed via dozer into the repository and stockpiled. Halme excavated and prepared 11 Sampling Units. Material created by the over excavation of Units was loaded by an excavator into a single haul truck and stockpiled within the repository. At the end of construction today the northern contaminated stockpile has been completely removed with the remaining material stockpiled within the repository (see Repository Subgrade Excavation Plan and Confirmation Sampling Plan).
- b. Confirmation Sampling: Haley & Aldrich sampled all 11 Units prepared by Halme today. Sampling Units 5, 8, 9, and 12 were sampled for the first time using four discrete sampling locations. Sampling Unit 133 also utilized four sampling locations but has been sampled previously. Sampling Units 124, 130, 110, 120, 41, and 35 were partially over excavated based on prior sampling results and sampled accordingly. Chain of Custody (COC) is attached.
- c. Backfill: Haley & Aldrich observed material originating from the northern contaminated stockpile and excavated Sample Units being stockpiled within the repository today. Halme began pushing clean material via dozer onto Units that have received clean confirmation sample results just before the end of the day (see attached Confirmation Sampling Plan).

**II. DUST MONITORING:**

Dust Monitors (DMs) with telemetry capabilities were deployed in advance of excavation and backfill today and operated from 07:30 to 17:00. Samsara DM 47181 was positioned Downwind of Site work and DM 49913 was positioned Upwind of Site work. The relative humidity in the morning was approximately 80 percent and the wind was East to West.

Dust levels did not exceed the threshold of 2.5 milligrams per cubic meter (mg/m<sup>3</sup>) total particulates nor the threshold of 0.025 mg/m<sup>3</sup> PM<sub>10</sub> 120-minute rolling average at the downwind property boundary with one 120-minute interval exception. Haley & Aldrich believes this exceedance was caused by the proximity of machinery maneuvering along the west access road to the excavation area. Site observations indicated that dust was well-controlled for the vast majority of the day. Dust monitoring data is attached.

**III. COMPACTION TESTING:**

No compaction testing was conducted on Site today.

**DAILY FIELD REPORT**

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<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	82
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	19 March 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	2 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Overcast, Windy	<b>Temperature</b>	30-45°F

---

<u>Field Representative(s)</u>	<u>Time on Site</u>	<u>Report/Travel/Other</u>	<u>Total</u>
Cameron Luckey	8.60 hours	1.40 hours	10.00 hours

**Distribution:**

CVSD; Attn: Jay Rowell  
OAC Services, Inc.; Attn: Jeff Jurgensen

**Attachments:**

Attachment A – Photo Log  
Attachment B – Dust Data  
Attachment C – Confirmation Sampling Plan  
Attachment D – Repository Subgrade Excavation Plan  
Attachment E – Chain of Custody (COC)



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Haley & Aldrich, Inc.

[https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/03 - March/03\\_19\\_25\\_CAL\\_DFR\\_82/03\\_19\\_25\\_CAL\\_DFR.docx](https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/03 - March/03_19_25_CAL_DFR_82/03_19_25_CAL_DFR.docx)



Photo 01. Repository backfill progress. (view looking north)



Photo 02. Repository backfill progress. (view looking northwest)

**Site Photographs – 19 March 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA



**Attachment A**



Photo 03. Units prepared for sampling in the location of the now removed northern contaminated stockpile (Unit 5, 4, 8, 9 vicinity). (view looking southeast)



Photo 04. Material originating as the northern contaminated stockpile now residing as a stockpile within the repository. (view looking northeast)

**Site Photographs – 19 March 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA

**HALEY  
ALDRICH**

**Attachment A**

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
<b>Downwind</b>								
Modem 47181	3/19/2025 17:50	3/19/2025 18:00	0	0	0	0	0	0
Modem 47181	3/19/2025 17:40	3/19/2025 17:50	0	0	0	0	0	0
Modem 47181	3/19/2025 17:30	3/19/2025 17:40	0.027	0.031	0.036	0.054	0.057	0.0285
Modem 47181	3/19/2025 17:20	3/19/2025 17:30	0	0	0	0	0	0
Modem 47181	3/19/2025 17:10	3/19/2025 17:20	0	0	0	0	0	0
Modem 47181	3/19/2025 17:00	3/19/2025 17:10	0	0	0	0	0.001	0.001
Modem 47181	3/19/2025 16:50	3/19/2025 17:00	0	0	0	0	0	0
Modem 47181	3/19/2025 16:40	3/19/2025 16:50	0	0	0	0.001	0.001	0.0005
Modem 47181	3/19/2025 16:30	3/19/2025 16:40	0	0	0	0	0	0.0005
Modem 47181	3/19/2025 16:20	3/19/2025 16:30	0	0	0	0	0	0
Modem 47181	3/19/2025 16:10	3/19/2025 16:20	0	0	0	0	0	0
Modem 47181	3/19/2025 16:00	3/19/2025 16:10	0	0	0	0	0	0
Modem 47181	3/19/2025 15:50	3/19/2025 16:00	0	0	0	0	0	0
Modem 47181	3/19/2025 15:40	3/19/2025 15:50	0	0	0	0	0	0.001
Modem 47181	3/19/2025 15:30	3/19/2025 15:40	0	0	0	0	0	0.0005
Modem 47181	3/19/2025 15:20	3/19/2025 15:30	0	0	0	0	0	0.0005
Modem 47181	3/19/2025 15:10	3/19/2025 15:20	0	0	0	0	0	0.001
Modem 47181	3/19/2025 15:00	3/19/2025 15:10	0.001	0.001	0.001	0.001	0.001	0.001
Modem 47181	3/19/2025 14:50	3/19/2025 15:00	0	0	0	0	0	0.001
Modem 47181	3/19/2025 14:40	3/19/2025 14:50	0	0	0	0	0	0.0035
Modem 47181	3/19/2025 14:30	3/19/2025 14:40	0	0	0	0.001	0.001	0.0025
Modem 47181	3/19/2025 14:20	3/19/2025 14:30	0	0	0	0	0	0.005
Modem 47181	3/19/2025 14:10	3/19/2025 14:20	0	0	0	0	0	0.0015
Modem 47181	3/19/2025 14:00	3/19/2025 14:10	0	0	0	0	0	0.0035
Modem 47181	3/19/2025 13:50	3/19/2025 14:00	0	0	0	0	0	0.002
Modem 47181	3/19/2025 13:40	3/19/2025 13:50	0.001	0.001	0.001	0.002	0.002	0.0055
Modem 47181	3/19/2025 13:30	3/19/2025 13:40	0	0	0	0.001	0.001	0.0035
Modem 47181	3/19/2025 13:20	3/19/2025 13:30	0	0	0	0.001	0.001	0.005
Modem 47181	3/19/2025 13:10	3/19/2025 13:20	0.001	0.001	0.001	0.002	0.002	0.004
Modem 47181	3/19/2025 13:00	3/19/2025 13:10	0.001	0.001	0.001	0.001	0.001	0.009
Modem 47181	3/19/2025 12:50	3/19/2025 13:00	0.001	0.001	0.001	0.002	0.002	0.007
Modem 47181	3/19/2025 12:40	3/19/2025 12:50	0.003	0.003	0.004	0.006	0.007	0.009
Modem 47181	3/19/2025 12:30	3/19/2025 12:40	0.003	0.003	0.003	0.004	0.004	0.0055
Modem 47181	3/19/2025 12:20	3/19/2025 12:30	0.007	0.008	0.008	0.01	0.01	0.009
Modem 47181	3/19/2025 12:10	3/19/2025 12:20	0.002	0.002	0.003	0.003	0.003	0.0055
Modem 47181	3/19/2025 12:00	3/19/2025 12:10	0.006	0.007	0.007	0.007	0.007	0.005
Modem 47181	3/19/2025 11:50	3/19/2025 12:00	0.003	0.003	0.004	0.004	0.004	0.0015
Modem 47181	3/19/2025 11:40	3/19/2025 11:50	0.006	0.006	0.007	0.008	0.009	0.0035
Modem 47181	3/19/2025 11:30	3/19/2025 11:40	0.005	0.005	0.005	0.006	0.006	0.0025
Modem 47181	3/19/2025 11:20	3/19/2025 11:30	0.007	0.007	0.008	0.009	0.009	0.004
Modem 47181	3/19/2025 11:10	3/19/2025 11:20	0.005	0.005	0.005	0.006	0.006	0.0025
Modem 47181	3/19/2025 11:00	3/19/2025 11:10	0.015	0.015	0.016	0.016	0.017	0.008
Modem 47181	3/19/2025 10:50	3/19/2025 11:00	0.009	0.01	0.01	0.012	0.012	0.0055
Modem 47181	3/19/2025 10:40	3/19/2025 10:50	0.009	0.01	0.01	0.011	0.011	0.005
Modem 47181	3/19/2025 10:30	3/19/2025 10:40	0.006	0.006	0.007	0.007	0.007	0.003
Modem 47181	3/19/2025 10:20	3/19/2025 10:30	0.006	0.007	0.007	0.008	0.008	0.0035
Modem 47181	3/19/2025 10:10	3/19/2025 10:20	0.007	0.007	0.008	0.008	0.008	0.0035
Modem 47181	3/19/2025 10:00	3/19/2025 10:10	0.001	0.002	0.002	0.003	0.003	0.001

DUST MONITORING DATA

CENTRAL VALLEY SCHOOL DISTRICT

SPOKANE VALLEY, WASHINGTON

FILE NO. 0202349-002

Asset Name	Start Time	End Time	DRX PM 1	DRX PM 2.5	DRX PM 4	DRX PM 10	DRX Mass Total	PM10 120 Min Avg.
	Eastern	Eastern	(mg/m <sup>3</sup> )					
<b>Upwind</b>								
Modem 49913	3/19/2025 17:50	3/19/2025 18:00	-0.002	-0.002	-0.002	-0.002	-0.001	-0.001
Modem 49913	3/19/2025 17:40	3/19/2025 17:50	-0.002	-0.002	-0.002	-0.002	-0.002	-0.0015
Modem 49913	3/19/2025 17:30	3/19/2025 17:40	-0.001	-0.002	-0.001	-0.001	-0.001	-0.001
Modem 49913	3/19/2025 17:20	3/19/2025 17:30	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Modem 49913	3/19/2025 17:10	3/19/2025 17:20	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0015
Modem 49913	3/19/2025 17:00	3/19/2025 17:10	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Modem 49913	3/19/2025 16:50	3/19/2025 17:00	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Modem 49913	3/19/2025 16:40	3/19/2025 16:50	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Modem 49913	3/19/2025 16:30	3/19/2025 16:40	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Modem 49913	3/19/2025 16:20	3/19/2025 16:30	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Modem 49913	3/19/2025 16:10	3/19/2025 16:20	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Modem 49913	3/19/2025 16:00	3/19/2025 16:10	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Modem 49913	3/19/2025 15:50	3/19/2025 16:00	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Modem 49913	3/19/2025 15:40	3/19/2025 15:50	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Modem 49913	3/19/2025 15:30	3/19/2025 15:40	-0.002	-0.001	-0.001	-0.001	-0.001	-0.001
Modem 49913	3/19/2025 15:20	3/19/2025 15:30	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	3/19/2025 15:10	3/19/2025 15:20	-0.002	-0.002	-0.002	-0.002	-0.002	-0.001
Modem 49913	3/19/2025 15:00	3/19/2025 15:10	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	3/19/2025 14:50	3/19/2025 15:00	-0.002	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	3/19/2025 14:40	3/19/2025 14:50	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	3/19/2025 14:30	3/19/2025 14:40	-0.002	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	3/19/2025 14:20	3/19/2025 14:30	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	3/19/2025 14:10	3/19/2025 14:20	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	3/19/2025 14:00	3/19/2025 14:10	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	3/19/2025 13:50	3/19/2025 14:00	-0.001	-0.001	-0.001	-0.001	-0.001	-0.0005
Modem 49913	3/19/2025 13:40	3/19/2025 13:50	-0.001	-0.001	-0.001	-0.001	-0.001	0
Modem 49913	3/19/2025 13:30	3/19/2025 13:40	-0.001	-0.001	-0.001	-0.001	-0.001	0
Modem 49913	3/19/2025 13:20	3/19/2025 13:30	0	0	0	0	0	0.001
Modem 49913	3/19/2025 13:10	3/19/2025 13:20	0	0	0	0	0	0.0015
Modem 49913	3/19/2025 13:00	3/19/2025 13:10	0	0	0	0	0	0.0015
Modem 49913	3/19/2025 12:50	3/19/2025 13:00	0	0	0	0	0	0.002
Modem 49913	3/19/2025 12:40	3/19/2025 12:50	0	0	0	0	0	0.0035
Modem 49913	3/19/2025 12:30	3/19/2025 12:40	0	0	0	0	0	0.004
Modem 49913	3/19/2025 12:20	3/19/2025 12:30	0	0	0	0	0	0.0045
Modem 49913	3/19/2025 12:10	3/19/2025 12:20	0	0	0	0	0	0
Modem 49913	3/19/2025 12:00	3/19/2025 12:10	0	0	0	0	0	0
Modem 49913	3/19/2025 11:50	3/19/2025 12:00	0	0	0	0	0	0
Modem 49913	3/19/2025 11:40	3/19/2025 11:50	0.001	0.001	0.001	0.001	0.001	0.001
Modem 49913	3/19/2025 11:30	3/19/2025 11:40	0.001	0.001	0.001	0.001	0.001	0.001
Modem 49913	3/19/2025 11:20	3/19/2025 11:30	0.001	0.002	0.002	0.002	0.002	0.002
Modem 49913	3/19/2025 11:10	3/19/2025 11:20	0.002	0.002	0.002	0.003	0.003	0.003
Modem 49913	3/19/2025 11:00	3/19/2025 11:10	0.003	0.003	0.003	0.003	0.003	0.003
Modem 49913	3/19/2025 10:50	3/19/2025 11:00	0.003	0.003	0.004	0.004	0.004	0.004
Modem 49913	3/19/2025 10:40	3/19/2025 10:50	0.006	0.006	0.007	0.007	0.007	0.007
Modem 49913	3/19/2025 10:30	3/19/2025 10:40	0.007	0.007	0.007	0.008	0.008	0.008
Modem 49913	3/19/2025 10:20	3/19/2025 10:30	0.008	0.008	0.008	0.009	0.009	0.009
Modem 49913	3/19/2025 10:10	3/19/2025 10:20	0	0	0	0	0	0
Modem 49913	3/19/2025 10:00	3/19/2025 10:10	0	0	0	0	0	0

**NOTES**

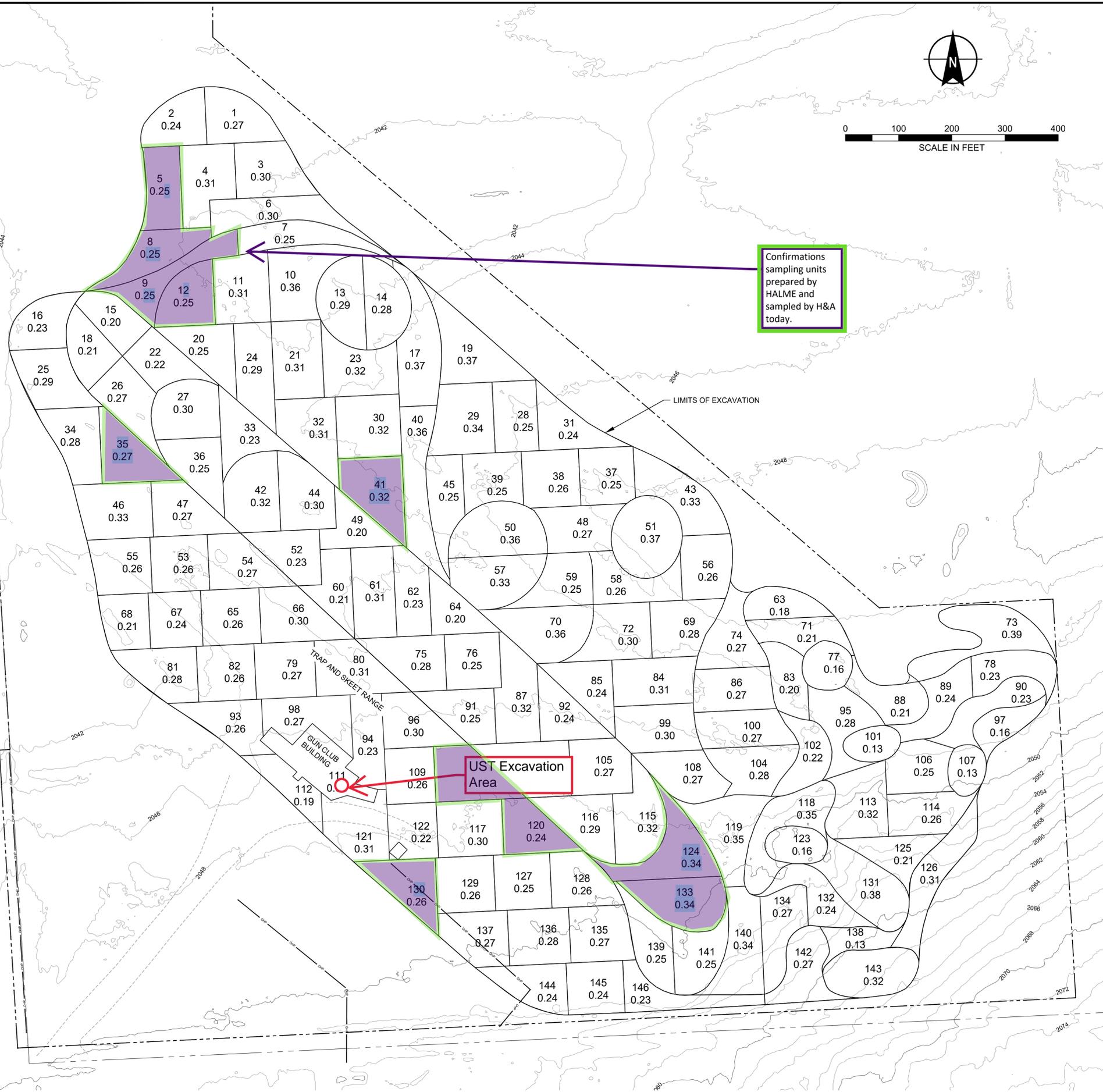
1. CONTRACTOR IS RESPONSIBLE FOR SURVEYING AND DELINEATING THE LIMITS OF THE SAMPLE UNITS SHOWN, AS NECESSARY TO COMPLETE THE WORK.
2. CONTRACTOR SHALL NOT BACKFILL WITHIN THE LIMITS OF ANY INDIVIDUAL SAMPLING UNTIL RECEIVING APPROVAL BY THE ENGINEER.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR CONFIRMATION SAMPLING AT LEAST 2 WORKING DAYS IN ADVANCE FOR EACH SAMPLING UNIT.
4. ALLOW UP TO 5 DAYS FOR THE ENGINEER TO COLLECT CONFIRMATION SAMPLES FOLLOWING IMPACTED SOIL EXCAVATION AND 10 TO 15 DAYS FOR ANALYTICAL RESULTS. CONFIRMATION SAMPLING RESULTS ARE EXPECTED TO TAKE BETWEEN 10 AND 15 DAYS, POSSIBLY LONGER. THE EXACT NUMBER OF DAYS REQUIRED WILL NOT BE KNOWN UNTIL THE FIRST SAMPLES ARE PROCESSED AND COULD VARY BETWEEN SAMPLING UNITS DEPENDING ON SHIPPING AND MOISTURE CONTENT. THE CONTRACTOR SHALL PLAN THE WORK ACCORDINGLY.
5. ONCE A SAMPLING UNIT IS DESIGNATED FOR CONFIRMATION SAMPLING IMPACTED SOILS SHALL NO LONGER BE TRANSPORTED THROUGH THAT SAMPLING UNIT.
6. CLEAN BACKFILL FROM THE REPOSITORY CAN BE STOCKPILED ADJACENT TO SAMPLING UNITS OUTSIDE THE LIMITS OF EXCAVATION IN LOCATIONS APPROVED BY THE ENGINEER.

**LEGEND**

- 73 SAMPLE UNIT ID
- 0.39 AREA (ACRES)

UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)
1	0.27	59	0.25	117	0.30
2	0.24	60	0.21	118	0.35
3	0.30	61	0.31	119	0.35
4	0.31	62	0.23	120	0.24
5	0.25	63	0.18	121	0.31
6	0.30	64	0.20	122	0.22
7	0.25	65	0.26	123	0.16
8	0.25	66	0.30	124	0.34
9	0.25	67	0.24	125	0.21
10	0.36	68	0.21	126	0.31
11	0.31	69	0.28	127	0.25
12	0.25	70	0.36	128	0.26
13	0.29	71	0.21	129	0.26
14	0.28	72	0.30	130	0.26
15	0.20	73	0.39	131	0.38
16	0.23	74	0.27	132	0.24
17	0.37	75	0.28	133	0.34
18	0.21	76	0.25	134	0.27
19	0.37	77	0.16	135	0.27
20	0.25	78	0.23	136	0.28
21	0.31	79	0.27	137	0.27
22	0.22	80	0.31	138	0.13
23	0.32	81	0.28	139	0.25
24	0.29	82	0.26	140	0.34
25	0.29	83	0.20	141	0.25
26	0.27	84	0.31	142	0.27
27	0.30	85	0.24	143	0.32
28	0.25	86	0.27	144	0.24
29	0.34	87	0.32	145	0.24
30	0.32	88	0.21	146	0.23
31	0.24	89	0.24	TOTAL	39.42
32	0.31	90	0.23		
33	0.23	91	0.25		
34	0.28	92	0.24		
35	0.27	93	0.26		
36	0.25	94	0.23		
37	0.25	95	0.28		
38	0.26	96	0.30		
39	0.25	97	0.16		
40	0.36	98	0.27		
41	0.32	99	0.30		
42	0.32	100	0.27		
43	0.33	101	0.13		
44	0.30	102	0.22		
45	0.25	103	0.33		
46	0.33	104	0.28		
47	0.27	105	0.27		
48	0.27	106	0.25		
49	0.20	107	0.13		
50	0.36	108	0.27		
51	0.37	109	0.26		
52	0.23	110	0.28		
53	0.26	111	0.32		
54	0.27	112	0.19		
55	0.26	113	0.32		
56	0.26	114	0.26		
57	0.33	115	0.32		
58	0.26	116	0.29		

CAL  
19 March 2025



Confirmations sampling units prepared by HALME and sampled by H&A today.

UST Excavation Area

GUN CLUB BUILDING

TRAP AND SHEET RANGE

LIMITS OF EXCAVATION

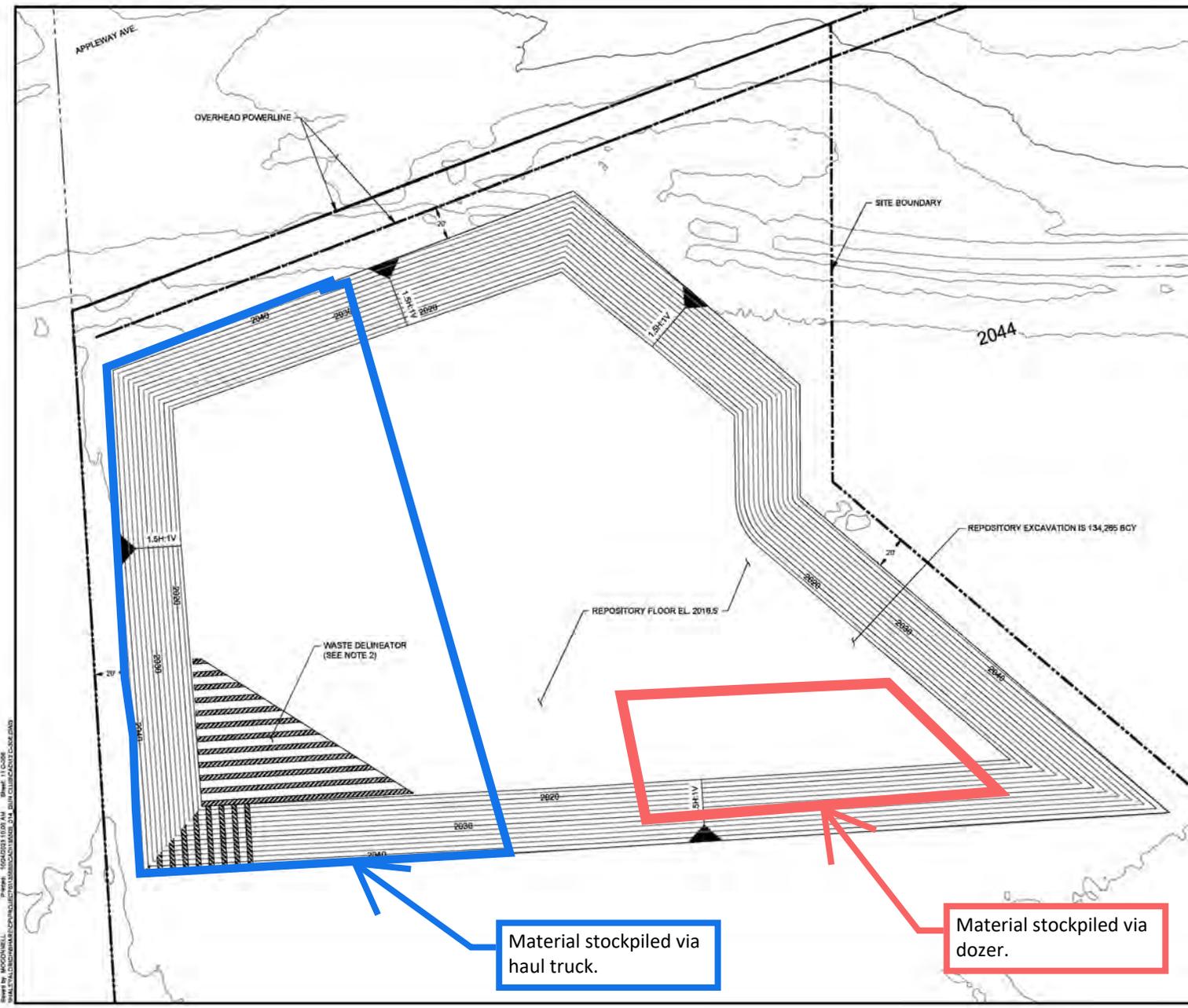
Project No.:	202349-001
Scale:	SHOWN
Date:	10/17/2023
Drawn By:	ZS/MO
Designed By:	BD
Checked By:	KH
Approved By:	JH/KH
Stamp:	

1	ISSUED FOR ECOLOGY	BD	05/18/23
0	ISSUED FOR BID	BD	10/18/23
Rev.	Description	By	Date

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE. #9656  
SPOKANE VALLEY,  
WASHINGTON

**CONFIRMATION SAMPLING PLAN**

**C-302**



**NOTES**

1. PRIOR TO EXCAVATION TOPSOIL SHALL BE STRIPPED AND STOCKPILED.
2. A VISUAL REFERENCE FOR THE DELINEATION BETWEEN NATIVE SOIL AND MATERIAL PLACED IN THE REPOSITORY IS REQUIRED; REFERRED TO HEREIN AS A WASTE DELINEATOR.
3. ORANGE SILT FENCE IN ROLLS 3 FEET WIDE (OR AND APPROVED EQUAL) IS REQUIRED TO BE PLACED 8 FEET O.C. WITH A SPACING BETWEEN THE FABRIC OF 5 FEET IN THE BOTTOM AND ALONG THE CUT SLOPES OF THE REPOSITORY AS A WASTE DELINEATOR.
4. THE ORIENTATION OF THE WASTE DELINEATOR CAN VARY ACROSS THE BOTTOM OF THE REPOSITORY EXCAVATION AS APPROVED BY THE ENGINEER.
5. IMPACTED SOILS SHALL BE PLACED IN THE REPOSITORY IN HORIZONTAL LIFTS NOT TO EXCEED 1.5 FEET IN TOTAL THICKNESS AND COMPACTED TO AT LEAST 90% PER MOOPED PROCTOR ASTM D 1557 (MASH) TO 1 IN.
6. CONCRETE AND OTHER DEMOLITION DEBRIS APPROVED BY THE ENGINEER SHALL BE PLACED 10 OR MORE FEET BELOW THE LINER.
7. CONTRACTOR SHALL STOCKPILE BOULDER WITH GREATEST DIMENSIONS LARGER THAN 24 INCHES IN THE STOCKPILE LOCATION SHOWN ON SHEET C-301 OR AS APPROVED BY THE ENGINEER.
8. WHEN PLACING BOULDERS OR COMBLES DO NOT NEST THEM SUCH THAT VOIDS ARE CREATED; BOULDERS AND COMBLES SHALL BE SPREAD OUT UNIFORMLY SO SOIL FILLS AROUND THEM.
9. PLACEMENT OF OVERSIZE MATERIALS (12-24 INCHES) SHALL ALLOW COMPACTION EQUIPMENT TO COMPACT AROUND THE SIDES WITHOUT BEING IN CONTACT WITH HEAVY OVERSIZE MATERIAL THAT PRECLUDES UNIFORM COMPACTION.
10. CONCRETE BROKEN INTO PIECES 12 TO 24 INCHES SHALL BE TREATED THE SAME AS OVERSIZE MATERIAL.
11. CONCRETE SLABS CAN BE INCORPORATED INTO FILL WITHOUT PROCESSING IF THEY ARE PLACED ON A LEVEL SURFACE (E.G. NOT DUMPED) SUCH THAT THEY ARE FIRMLY SEATED AND BACKFILLED WITH SAND AND GRAVEL. CONCRETE SLABS SHALL NOT BE STACKED NESTED OR OTHERWISE PLACED SUCH THAT VOIDS ARE CREATED.
12. CONTRACTOR SHALL PROVIDE AN EXCAVATION PLAN WHICH INCLUDES BOTH THE REPOSITORY EXCAVATION AND BACKFILLING AND THE EXCAVATION OF IMPACTED SOILS.

**HALEY ALDRICH**  
 HALEY & ALDRICH  
 505 W RIVERSIDE AVE. SUITE 205  
 SPOKANE, WA 99201  
 TEL. 800.969.7447  
 WWW.HALEYALDRICH.COM

Project No.	2023M001
Scale	SHOWN
Date	10/17/2023
Drawn by	ZSMB
Designed by	BC
Checked by	KH
Approved by	JHAK
Client	



CAL  
 19 March 2025

1	ISSUED FOR GEOLOGY	BD	05/4/23
2	ISSUED FOR BLDG	BD	12/14/23
Rev	Description	By	Date

CVSD GUN CLUB  
 CLEANUP PROJECT  
 19615 E SPRAGUE AVE. #9055  
 SPOKANE VALLEY,  
 WASHINGTON

REPOSITORY  
 SUBGRADE  
 EXCAVATION PLAN

**C-306**

Sheet 11 of 21



Drawn by: MOONWELL  
 Project: 2023M001  
 Date: 10/17/2023  
 Scale: SHOWN  
 Title: REPOSITORY SUBGRADE EXCAVATION PLAN



Haley & Aldrich, Inc.  
505 W. Riverside,  
Suite 450,  
Spokane WA, 99201

# CHAIN OF CUSTODY RECORD

Phone (617) 886-7400  
Fax (617) 886-7600

Page 1 of 3

H&A FILE NO. 0202349-002 LABORATORY Evotins DELIVERY DATE 3-19-25  
 PROJECT NAME CVSD Gun Club ADDRESS \_\_\_\_\_ TURNAROUND TIME 10 days  
 H&A CONTACT Breeyn Greer CONTACT \_\_\_\_\_ PROJECT MANAGER Breeyn Greer Greer

Sample No.	Date	Time	Depth	Type	Analysis Requested												Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)
					CPATHS SPECIFIC 1.5	Pb	As	Hold										
C-12-2-1	3-19-25	11:20	2	Soil	X	X	X										Laboratory to use applicable DEP CAM methods, unless otherwise directed.  Side CPATHS SPECIFIC        15.4, 15.8, corr I rods	
C-12-2-2					X	X	X											
C-12-2-3								X										
C-12-2-4								X										
C-9-2-1	3-19-25	11:40	2		V	X	X											
C-9-2-2					X	X	X											
CL-8-1.5-1	3-19-25	11:55	1.5			X	X											
CL-8-1.5-2						X	X											
CL-8-1.5-3								X										
CL-8-1.5-4								X										

Sampled and Relinquished by Sign <u>[Signature]</u> Print <u>Cameron Wekey</u> Firm <u>HIA</u> Date <u>3-19-25</u> Time <u>15:54</u>	Received by Sign <u>[Signature]</u> Print <u>Carson Deslorme</u> Firm <u>EIS+SP</u> Date <u>3/19/25</u> Time <u>15:54</u>	LIQUID VOA Vial Amber Glass Plastic Bottle Preservative Volume	Sampling Comments
--	---	---	-------------------

Relinquished by Sign _____ Print _____ Firm _____ Date _____ Time _____	Received by Sign _____ Print _____ Firm _____ Date _____ Time _____	SOLID VOA Vial Amber Glass Clear Glass Preservative Volume	Evidence samples were tampered with? YES NO If YES, please explain in section below.
---	---	---	---

PRESERVATION KEY A Sample chilled    C NaOH    E H <sub>2</sub> SO <sub>4</sub> G Methanol B Sample filtered    D HNO <sub>3</sub> F HCL    H Water/NaHSO <sub>4</sub> (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		
<input type="checkbox"/> RC-S1	<input type="checkbox"/> S1	<input type="checkbox"/> GW1
<input type="checkbox"/> RC-S2	<input type="checkbox"/> S2	<input type="checkbox"/> GW2
<input type="checkbox"/> RC-GW1	<input type="checkbox"/> S3	<input type="checkbox"/> GW3
<input type="checkbox"/> RC-GW2		



Haley & Aldrich, Inc.  
505 W. Riverside,  
Suite 450,  
Spokane WA, 99201

# CHAIN OF CUSTODY RECORD

Phone (617) 886-7400

Fax (617) 886-7600

Page 2 of 3

H&A FILE NO. 0202349-002  
PROJECT NAME CUSD Gun Club  
H&A CONTACT Breech Greer

LABORATORY Eurofins  
ADDRESS \_\_\_\_\_  
CONTACT \_\_\_\_\_

DELIVERY DATE 3-19-25  
TURNAROUND TIME 10 days  
PROJECT MANAGER \_\_\_\_\_

Sample No.	Date	Time	Depth	Type	Analysis Requested										Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)	
					CPAHs Site List	Pb	As	Hold									
CL-5-1.5-1	3-19-25	12:20	1.5	Soil		X	X										Laboratory to use applicable DEP CAM methods, unless otherwise directed.  Site specific CPAHs  15.4, 15.8 correct prob
CL-5-1.5-2						X	X										
CL-5-1.5-3																	
CL-5-1.5-4																	
C-124-4.25-1	3-19-25	13:00	4.25	Soil	X												
C-133-4.5-1	3-19-25	13:10	4.5		X												
C-133-4.5-2					X												
C-133-4.5-3																	
C-133-4.5-4																	

Sampled and Relinquished by  
Sign [Signature]  
Print Cameron Luckey  
Firm HTA  
Date 3-19-25 Time 15:54

Received by  
Sign [Signature]  
Print Carson Desimone  
Firm EBT SPO  
Date 3/19/25 Time 15:54

LIQUID									

Sampling Comments

Relinquished by  
Sign \_\_\_\_\_  
Print \_\_\_\_\_  
Firm \_\_\_\_\_  
Date \_\_\_\_\_ Time \_\_\_\_\_

Received by  
Sign \_\_\_\_\_  
Print \_\_\_\_\_  
Firm \_\_\_\_\_  
Date \_\_\_\_\_ Time \_\_\_\_\_

SOLID									

Evidence samples were tampered with? YES NO  
If YES, please explain in section below.

Relinquished by  
Sign \_\_\_\_\_  
Print \_\_\_\_\_  
Firm \_\_\_\_\_  
Date \_\_\_\_\_ Time \_\_\_\_\_

Received by  
Sign \_\_\_\_\_  
Print \_\_\_\_\_  
Firm \_\_\_\_\_  
Date \_\_\_\_\_ Time \_\_\_\_\_

PRESERVATION KEY			
A Sample chilled	C NaOH	E H <sub>2</sub> SO <sub>4</sub>	G Methanol
B Sample filtered	D HNO <sub>3</sub>	F HCL	H Water/NaHSO <sub>4</sub> (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

<input type="checkbox"/> RC-S1	<input type="checkbox"/> S1	<input type="checkbox"/> GW1
<input type="checkbox"/> RC-S2	<input type="checkbox"/> S2	<input type="checkbox"/> GW2
<input type="checkbox"/> RC-GW1	<input type="checkbox"/> S3	<input type="checkbox"/> GW3
<input type="checkbox"/> RC-GW2		



Haley & Aldrich, Inc.  
505 W. Riverside,  
Suite 450,  
Spokane WA, 99201

# CHAIN OF CUSTODY RECORD

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Fax (617) 886-7600

Page 3 of 3

H&A FILE NO. 0202349-002  
PROJECT NAME CUSD Gun Club  
H&A CONTACT Breen Greer

LABORATORY Eurofins  
ADDRESS \_\_\_\_\_  
CONTACT \_\_\_\_\_

DELIVERY DATE 3-19-25  
TURNAROUND TIME 10 Days  
PROJECT MANAGER \_\_\_\_\_

Sample No.	Date	Time	Depth	Type	Analysis Requested												Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)	
					CPAHS	MS													
CP-130-3.25-1	3-19-25	13:40	3.25	SOIL	X														Laboratory to use applicable DEP CAM methods, unless otherwise directed.  Site SPECIFIC CPAHS  15, 4, 15, 8 corr 7 road
CP-130-3.25-4	↓	↓	↓		X														
CP-120-3.5-1	3-19-25	14:00	3.5		X														
CP-110-3.25-2	3-19-25	14:15	3.25		X														
C-41-3.75-2	3-19-25	14:30	3.75		X														
CP-35-3.75-2	3-19-25	14:45	3.75		X														

Sampled and Relinquished by  
Sign [Signature]  
Print Cameron Wekey  
Firm H&A  
Date 3-19-25 Time 15:54

Received by  
Sign [Signature]  
Print Carson Desimore  
Firm EBTSP  
Date 3/19/25 Time 15:54

LIQUID												
												VOA Vial
												Amber Glass
												Plastic Bottle
												Preservative
												Volume

Sampling Comments

Relinquished by  
Sign \_\_\_\_\_  
Print \_\_\_\_\_  
Firm \_\_\_\_\_  
Date \_\_\_\_\_ Time \_\_\_\_\_

Received by  
Sign \_\_\_\_\_  
Print \_\_\_\_\_  
Firm \_\_\_\_\_  
Date \_\_\_\_\_ Time \_\_\_\_\_

SOLID												
												VOA Vial
												Amber Glass
												Clear Glass
												Preservative
												Volume

Evidence samples were tampered with? YES NO  
If YES, please explain in section below.

PRESERVATION KEY			
A Sample chilled	C NaOH	E H <sub>2</sub> SO <sub>4</sub>	G Methanol
B Sample filtered	D HNO <sub>3</sub>	F HCL	H Water/NaHSO <sub>4</sub> (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

<input type="checkbox"/> RC-S1	<input type="checkbox"/> S1	<input type="checkbox"/> GW1
<input type="checkbox"/> RC-S2	<input type="checkbox"/> S2	<input type="checkbox"/> GW2
<input type="checkbox"/> RC-GW1	<input type="checkbox"/> S3	<input type="checkbox"/> GW3
<input type="checkbox"/> RC-GW2		

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	83
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	21 March 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Overcast, Windy	<b>Temperature</b>	30-45°F

**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: Haley & Aldrich, Inc (Haley & Aldrich) observed that no contaminated Unit material excavation was conducted today for the duration that Haley & Aldrich was on Site. Halme excavated one trailer load from the bottom of the UST excavation in the morning. Waste disposal tickets area attached. Approximately 2 feet in depth was gained today as a result of these excavation activities. Halme is at the extent of what their current equipment can reach for the depth of the UST excavation.
- b. Confirmation Sampling: Haley & Aldrich collected two confirmation samples from the bottom of the UST excavation today. Samples collected today were from the bottom of the UST excavation. Samples were submitted to Eurofins today (21 March 2025) from the Southern and Northern bottom extent of the excavation bottom. Samples collected were field screened using a photoionization detector (PID). See the table below for depth, PID reading, location, and sample names for samples collected today. Chain of Custody (COC) is attached.

<b>Table 1. UST Excavation</b>			
<b>Depth Feet Below Ground Surface</b>	<b>Photoionization detector (PID) Readings (PPM)</b>	<b>Location of Sample</b>	<b>Sample Name</b>
37	22.9	Northern Bottom	UST_BN_37
37	25.1	Southern Bottom	UST_BS_37

- c. Backfill: Haley & Aldrich observed clean material being pushed via dozer onto confirmed clean confirmation sampling units (starting at approximate Unit 34) at the western border of the mass excavation area today. See the attached Confirmation Sampling Plan.

**II. DUST MONITORING:**

Dust monitoring was not conducted.

**III. COMPACTION TESTING:**

No compaction testing was conducted on Site today.

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	83
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	21 March 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	2 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Overcast, Windy	<b>Temperature</b>	30-45°F

---

<b><u>Field Representative(s)</u></b>	<b><u>Time on Site</u></b>	<b><u>Report/Travel/Other</u></b>	<b><u>Total</u></b>
Cameron Luckey	1.5 hours	2.0 hours	3.5 hours

**Distribution:**

CVSD; Attn: Jay Rowell  
OAC Services, Inc.; Attn: Jeff Jurgensen

**Attachments:**

Attachment A – Photo Log  
Attachment B – Excavation Markup  
Attachment C – Chain of Custody (COC)  
Attachment D – Waste Disposal Tickets



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Haley & Aldrich, Inc.

[https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/03 - March/03\\_21\\_25\\_CAL\\_DFR\\_83/03\\_21\\_25\\_CAL\\_DFR.docx](https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/03 - March/03_21_25_CAL_DFR_83/03_21_25_CAL_DFR.docx)



Photo 01. UST excavation progress. (view looking north)



Photo 02. UST excavation progress within exclusion zone. (view looking southeast)

**Site Photographs – 21 March 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA

**HALEY  
ALDRICH**

**Attachment A**



Photo 03. Units along the west excavation limits in the process of being covered with clean backfill starting at approximate Unit 34. (view looking northwest)



Photo 04. Exclusion zone demarcated by orange delineation fencing placed around the UST excavation. (view looking south)

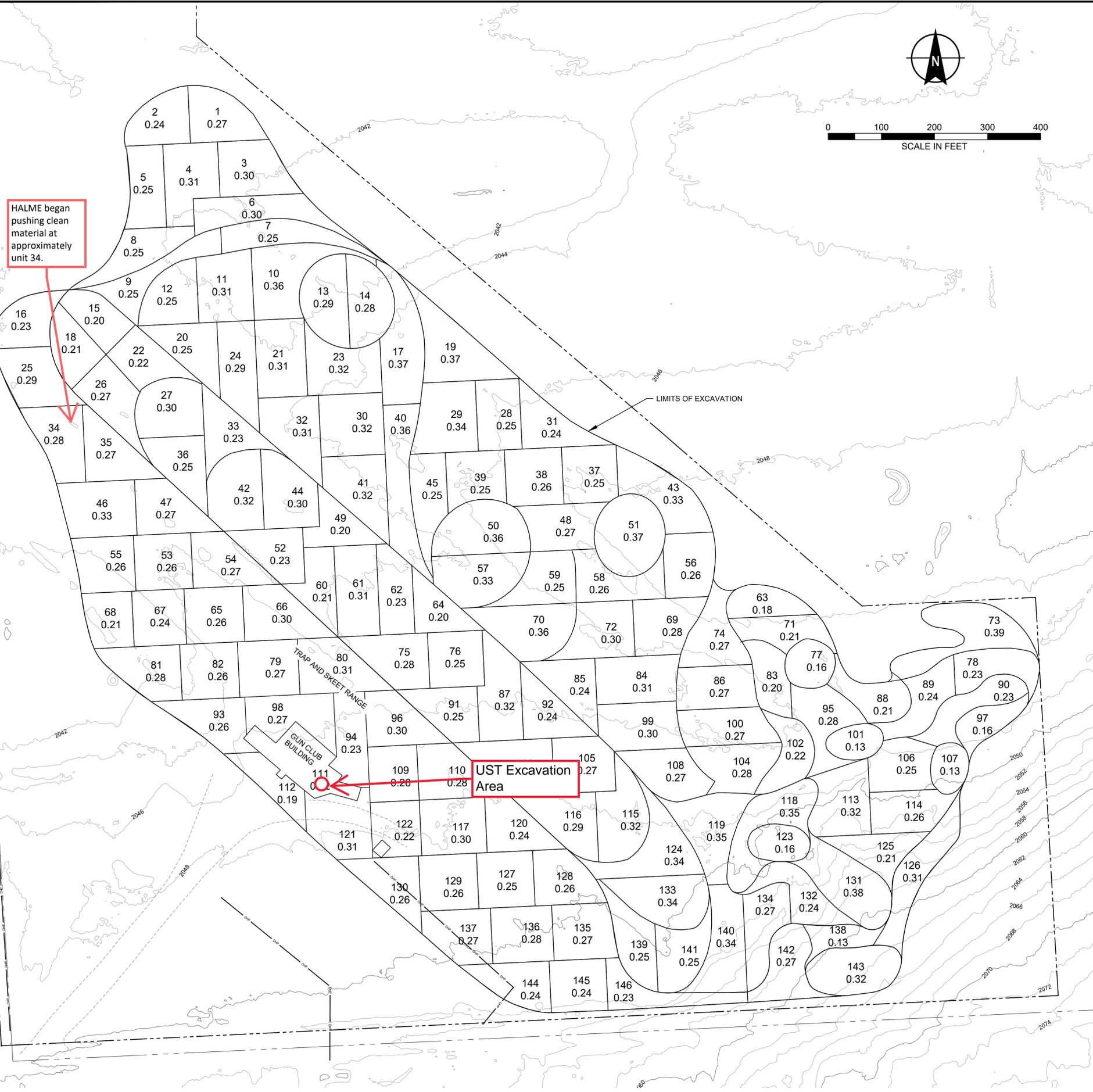
**Site Photographs – 21 March 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA

**HALEY  
ALDRICH**

**Attachment A**





**NOTES**

1. CONTRACTOR IS RESPONSIBLE FOR SURVEYING AND DELINEATING THE LIMITS OF THE SAMPLE UNITS SHOWN, AS NECESSARY TO COMPLETE THE WORK.
2. CONTRACTOR SHALL NOT BACKFILL WITHIN THE LIMITS OF ANY INDIVIDUAL SAMPLING UNTIL RECEIVING APPROVAL BY THE ENGINEER.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR CONFIRMATION SAMPLING AT LEAST 2 WORKING DAYS IN ADVANCE FOR EACH SAMPLING UNIT.
4. ALLOW UP TO 5 DAYS FOR THE ENGINEER TO COLLECT CONFIRMATION SAMPLES FOLLOWING IMPACTED SOIL EXCAVATION AND 10 TO 15 DAYS FOR ANALYTICAL RESULTS. CONFIRMATION SAMPLING RESULTS ARE EXPECTED TO TAKE BETWEEN 10 AND 15 DAYS, POSSIBLY LONGER. THE EXACT NUMBER OF DAYS REQUIRED WILL NOT BE KNOWN UNTIL THE FIRST SAMPLES ARE PROCESSED AND COULD VARY BETWEEN SAMPLING UNITS DEPENDING ON SHIPPING AND MOISTURE CONTENT. THE CONTRACTOR SHALL PLAN THE WORK ACCORDINGLY.
5. ONCE A SAMPLING UNIT IS DESIGNATED FOR CONFIRMATION SAMPLING IMPACTED SOILS SHALL NO LONGER BE TRANSPORTED THROUGH THAT SAMPLING UNIT.
6. CLEAN BACKFILL FROM THE REPOSITORY CAN BE STOCKPILED ADJACENT TO SAMPLING UNITS OUTSIDE THE LIMITS OF EXCAVATION IN LOCATIONS APPROVED BY THE ENGINEER.

**LEGEND**

- 73 SAMPLE UNIT ID
- 0.39 AREA (ACRES)

UNIT ID	AREA (AC.)
1	0.27
2	0.24
3	0.30
4	0.31
5	0.25
6	0.30
7	0.25
8	0.25
9	0.25
10	0.36
11	0.31
12	0.25
13	0.29
14	0.28
15	0.20
16	0.23
17	0.37
18	0.21
19	0.37
20	0.25
21	0.31
22	0.22
23	0.32
24	0.29
25	0.29
26	0.27
27	0.30
28	0.25
29	0.34
30	0.32
31	0.24
32	0.31
33	0.23
34	0.28
35	0.27
36	0.25
37	0.25
38	0.26
39	0.25
40	0.36
41	0.32
42	0.32
43	0.33
44	0.30
45	0.25
46	0.33
47	0.27
48	0.27
49	0.20
50	0.36
51	0.37
52	0.23
53	0.26
54	0.27
55	0.26
56	0.26
57	0.33
58	0.26
59	0.25
60	0.21
61	0.31
62	0.23
63	0.18
64	0.20
65	0.26
66	0.30
67	0.24
68	0.21
69	0.28
70	0.36
71	0.21
72	0.30
73	0.39
74	0.27
75	0.28
76	0.25
77	0.16
78	0.23
79	0.27
80	0.31
81	0.28
82	0.26
83	0.20
84	0.31
85	0.24
86	0.27
87	0.32
88	0.21
89	0.24
90	0.23
91	0.25
92	0.24
93	0.26
94	0.23
95	0.28
96	0.30
97	0.16
98	0.27
99	0.30
100	0.27
101	0.13
102	0.22
103	0.23
104	0.28
105	0.27
106	0.25
107	0.13
108	0.27
109	0.26
110	0.28
111	0.19
112	0.31
113	0.32
114	0.26
115	0.32
116	0.29
117	0.30
118	0.35
119	0.35
120	0.24
121	0.31
122	0.22
123	0.16
124	0.34
125	0.21
126	0.31
127	0.25
128	0.26
129	0.26
130	0.26
131	0.38
132	0.24
133	0.34
134	0.27
135	0.27
136	0.28
137	0.27
138	0.13
139	0.25
140	0.34
141	0.25
142	0.27
143	0.32
144	0.24
145	0.24
146	0.23

UNIT ID	AREA (AC.)
59	0.25
60	0.21
61	0.31
62	0.23
63	0.18
64	0.20
65	0.26
66	0.30
67	0.24
68	0.21
69	0.28
70	0.36
71	0.21
72	0.30
73	0.39
74	0.27
75	0.28
76	0.25
77	0.16
78	0.23
79	0.27
80	0.31
81	0.28
82	0.26
83	0.20
84	0.31
85	0.24
86	0.27
87	0.32
88	0.21
89	0.24
90	0.23
91	0.25
92	0.24
93	0.26
94	0.23
95	0.28
96	0.30
97	0.16
98	0.27
99	0.30
100	0.27
101	0.13
102	0.22
103	0.33
104	0.28
105	0.27
106	0.25
107	0.13
108	0.27
109	0.26
110	0.28
111	0.32
112	0.19
113	0.32
114	0.26
115	0.32
116	0.29

UNIT ID	AREA (AC.)
117	0.30
118	0.35
119	0.35
120	0.24
121	0.31
122	0.22
123	0.16
124	0.34
125	0.21
126	0.31
127	0.25
128	0.26
129	0.26
130	0.26
131	0.38
132	0.24
133	0.34
134	0.27
135	0.27
136	0.28
137	0.27
138	0.13
139	0.25
140	0.34
141	0.25
142	0.27
143	0.32
144	0.24
145	0.24
146	0.23
TOTAL	39.42

CAL  
21 March 2025

Project No.: 202349-001  
Scale: SHOWN  
Date: 10/17/2023  
Drawn By: ZS/MO  
Designed By: BD  
Checked By: KH  
Approved By: JH/KH  
Stamp:

Rev.	Description	By	Date
1	ISSUED FOR ECOLOGY	BD	05/18/23
0	ISSUED FOR BID	BD	10/18/23

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE. #9656  
SPOKANE VALLEY,  
WASHINGTON

**CONFIRMATION SAMPLING PLAN**

**C-302**

**W**  
Graham Road Facility  
1820 S. Graham Road  
Mediast Lake, WA 99022

Original  
Ticket# 744344  
Ph: (509)244-0151

Customer Name HALMECONSINC HALME CONST Carrier HALME HALME CONSTRUCTION  
Ticket Date 03/21/2025 Vehicle# RICK  
Payment Type Credit Account Container  
Manual Ticket# Driver RICK  
Route Check#  
Hauling Ticket# Billing# 0000084  
Destination Grid  
Manifest 119570WA  
Profile 119570WA (LF01: DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)  
Generator CVSD GUN-19615 CVSD GUN CLUB 19615 E SPRAGUE AVE LIBERTY LAKE  
PO# 119570WA

Time	Scale	Operator	Inbound	Gross	111840 lb
In 03/21/2025 08:24:24	Scale1	AMAHURIN		Tare	46520 lb
Out 03/21/2025 08:38:23	Scale1	AMAHURIN		Net	65320 lb
				Tons	32.66

Comments

Product	LD%	Qty	UOM	Rate	Tax/Fee	Amount	Origin
1 Spwaste Solid Oth-Tons-	100	32.66	Tons				SPOKANE
2 ENERGY-Energy Surcharge	100		%				SPOKANE
3 WWM-P-Waste Water Manag	100		%				SPOKANE
4 SRHD1-Spokane Regional	100	32.66	Tons				SPOKANE

Total Tax/Fees  
Total Ticket

Driver's Signature

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

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<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	88
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	April 4, 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 1
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Sunny	<b>Temperature</b>	36-56°F

---

**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: No contaminated soil was excavated today.
- b. Confirmation Sampling: One Sampling Unit was sampled today (Unit 120). This Sampling Unit was divided into four quadrants, with three quadrants passing previous confirmation sampling analyses. As such, only one quadrant was sampled from this Unit. The Chain of Custody (COC) for this sample is attached.
- c. Backfill: No areas were backfilled today.

**II. DUST MONITORING:**

While a very small amount of contaminated soil was screened to approximately 1-inch in preparation for liner placement on the repository, site observations indicated that dust was well controlled at the property lines. As such, dust monitors were not deployed today.

**III. COMPACTION TESTING:**

No compaction testing was performed today.

---

<u>Field Representative(s)</u>	<u>Time on Site</u>	<u>Report/Travel/Other</u>	<u>Total</u>
Luke Peden	0.75 hours	1.25 hours	2.00 hours

**Distribution:**

CVSD; Attn: Jay Rowell  
OAC Services, Inc.; Attn: Jeff Jurgensen

**Attachments:**

Attachment A – Photo Log  
Attachment B – Chain of Custody  
Attachment C – Repository Subgrade Excavation Plan



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Haley & Aldrich, Inc.



Photo 01. Clean soil being pushed to grade with yellow tape demarcating sample units that have not yet been demonstrated as clean, facing northeast.



Photo 02. Contaminated soil being screened for placement beneath the HDPE liner, facing northeast.

**Site Photographs – April 4, 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA



**Attachment A**



Photo 03. Contaminated soil being screened to 1-in for lift immediately below the HDPE liner, facing north.



Photo 04. Screened contaminated soil being stockpiled on top of repository separately from unscreened soil, facing northeast.

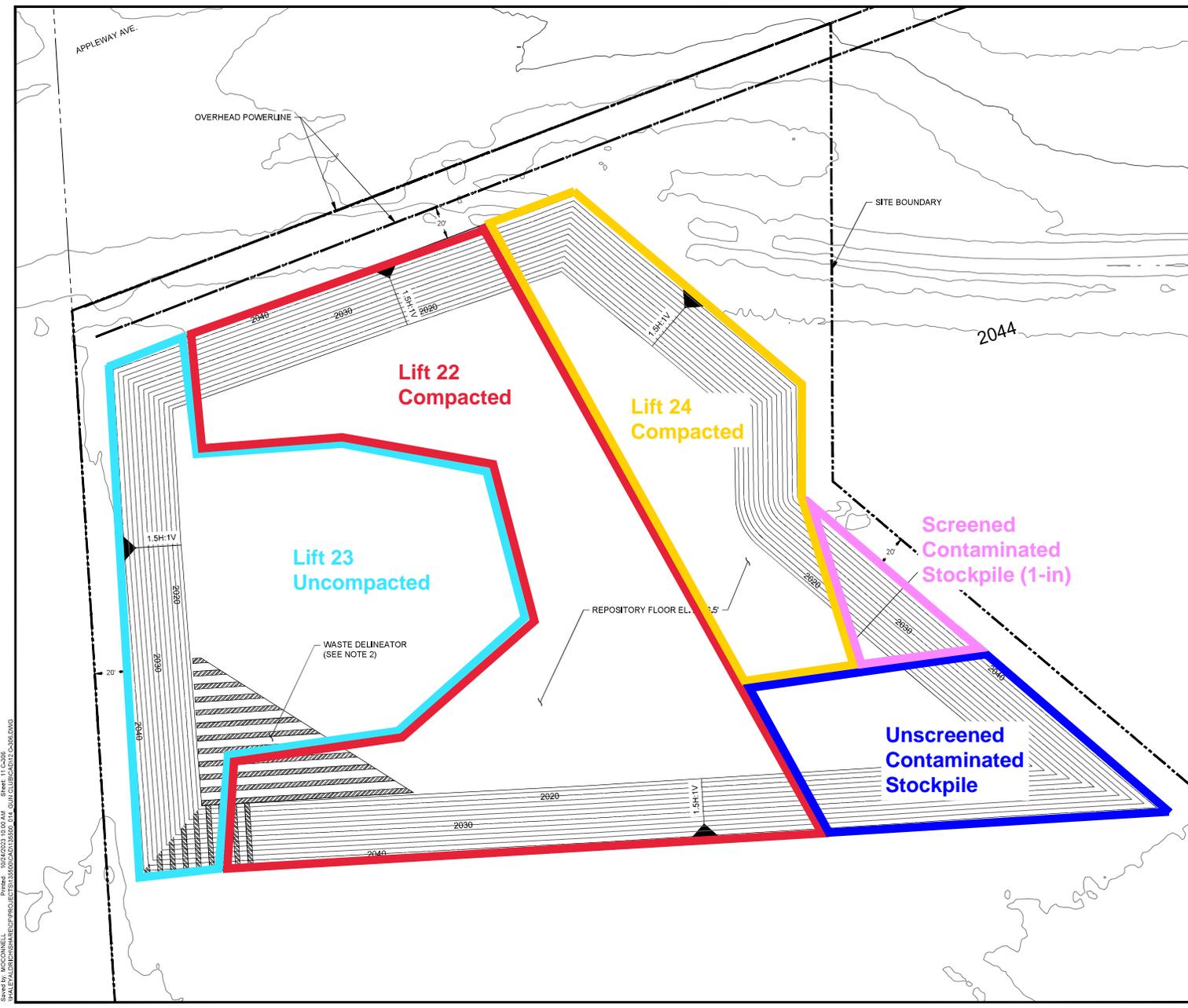
**Site Photographs – April 4, 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA

**HALEY  
ALDRICH**

**Attachment A**





**NOTES**

- PRIOR TO EXCAVATION TOPSOIL SHALL BE STRIPPED AND STOCKPILED.
- A VISUAL REFERENCE FOR THE DELINEATION BETWEEN NATIVE SOIL AND MATERIAL PLACED IN THE REPOSITORY IS REQUIRED. REFERRED TO HEREIN AS A WASTE DELINEATOR.
- ORANGE SILT FENCE IN ROLLS 5 FEET WIDE (OR AND APPROVED EQUAL) IS REQUIRED TO BE PLACED 8 FEET O.C. WITH A SPACING BETWEEN THE FABRIC OF 5 FEET IN THE BOTTOM AND ALONG THE CUT SLOPES OF THE REPOSITORY AS A WASTE DELINEATOR.
- THE ORIENTATION OF THE WASTE DELINEATOR CAN VARY ACROSS THE BOTTOM OF THE REPOSITORY EXCAVATION AS APPROVED BY THE ENGINEER.
- IMPACTED SOILS SHALL BE PLACED IN THE REPOSITORY IN HORIZONTAL LIFTS NOT TO EXCEED 1.5 FEET IN TOTAL THICKNESS AND COMPACTED TO AT LEAST 90% PER MODIFIED PROCTOR ASTM D 1557/ANSI TO 1.180.
- CONCRETE AND OTHER DEMOLITION DEBRIS APPROVED BY THE ENGINEER SHALL BE PLACED 10 OR MORE FEET BELOW THE LINER.
- CONTRACTOR SHALL STOCKPILE BOULDERS WITH GREATEST DIMENSIONS LARGER THAN 24 INCHES IN THE STOCKPILE LOCATION SHOWN ON SHEET C-301 OR AS APPROVED BY THE ENGINEER.
- WHEN PLACING BOULDERS OR COBBLES DO NOT NEST THEM SUCH THAT VOIDS ARE CREATED. BOULDERS AND COBBLES SHALL BE SPREAD OUT UNIFORMLY SO SOIL FILLS AROUND THEM.
- PLACEMENT OF OVERSEED MATERIALS (12 - 24 INCHES SHALL ALLOW COMPACTION EQUIPMENT TO COMPACT AROUND THE SIDES WITHOUT BEING IN CONTACT WITH NEARBY OVERSIZE MATERIAL THAT PRECLUDES UNIFORM COMPACTION.
- CONCRETE BROKEN INTO PIECES 12 TO 24 INCHES SHALL BE TREATED THE SAME AS OVERSIZE MATERIAL.
- CONCRETE SLABS CAN BE INCORPORATED INTO FILL WITHOUT PROCESSING IF THEY ARE PLACED ON A LEVEL SURFACE (E.G. NOT DUMPED), SUCH THAT THEY ARE FIRMLY SEATED AND BACKFILLED WITH SAND AND GRAVEL. CONCRETE SLABS SHALL NOT BE STACKED NESTED OR OTHERWISE PLACED SUCH THAT VOIDS ARE CREATED.
- CONTRACTOR SHALL PROVIDE AN EXCAVATION PLAN WHICH INCLUDES BOTH THE REPOSITORY EXCAVATION AND BACKFILLING AND THE EXCAVATION OF IMPACTED SOILS.



HALEY & ALDRICH  
505 W. RIVERSIDE AVE, SUITE 205  
SPOKANE, WA 99201  
TEL: 509-363-7447  
WWW.HALEYALDRICH.COM

Project No.	202349-001
Scale	SHOWN
Date	10/17/2023
Drawn By	ZSM/2
Designed By	BD
Checked By	KH
Approved By	JHK/K
Stamp	




1	ISSUED FOR ECOLOGY	BD	05/16/23
0	ISSUED FOR BE	BD	10/16/23
Rev.	Description	By	Date

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE, #9656  
SPOKANE VALLEY,  
WASHINGTON

**REPOSITORY  
SUBGRADE  
EXCAVATION PLAN**

**C-306**

Sheet 11 of 21

LWP  
4 April 2025



Shared by: MCDONNELL  
 HALEYALDRICH\ENGINEERING\PROJECTS\1556000\AD190500\_014\_CUN\EXCAVATION\C-306.DWG  
 Printed: 10/24/2023 10:50 AM Sheet: 11 of 20

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	89
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	April 10, 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Hazy	<b>Temperature</b>	40-60°F

---

**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: No contaminated soil was excavated today.
- b. Confirmation Sampling: Six Sampling Units were sampled today (Units 133, 75, 62, 61, 60, and 12). These Sampling Units were divided into four quadrants, with each Unit having two to three quadrants pass previous analyses. As such, only one or two quadrants were sampled from each Unit, as necessary. The Chain of Custody (COC) for these samples is attached.
- c. Backfill: Units across the eastern side of the Site were backfilled with clean soil via scrapers, with the soil being taken from clean repository stockpiles located in the middle of the Site.

**II. DUST MONITORING:**

As no contaminated soil was excavated, transported, or deposited today, dust monitors were not deployed. Site observations indicated that dust was well controlled at the property lines.

**III. COMPACTION TESTING:**

The Troxler E-Gauge 4590 was used for compaction testing, with a density greater than or equal to 90 percent of the 142.0 pounds per cubic foot (lbs/ft<sup>3</sup>) proctor indicating adequate compaction. Compaction testing was performed across the western side of the Site today, with each Sampling Unit requiring two passing compaction tests to demonstrate adequate compaction within the Unit. Five Sampling Units were compaction-tested today (Units 55, 34, 25, 16, and 18) and all Units passed. Remedial Excavation compaction test results are being saved in a cloud-based mapping program and will be exported at project completion.

**Discussions:**

<b><u>Name</u></b>	<b><u>Topic</u></b>
Halme; Haley & Aldrich, Inc.	Haley & Aldrich, Inc. (Haley & Aldrich) spoke with Brady of Halme to request a map of Sampling Units that were ready for compaction testing. A map was provided the same day.

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	89
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	April 10, 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	2 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Hazy	<b>Temperature</b>	40-60°F

---

<u>Field Representative(s)</u>	<u>Time on Site</u>	<u>Report/Travel/Other</u>	<u>Total</u>
Luke Peden	3.0 hours	1.5 hours	4.5 hours
Breeyn Greer	3.0 hours	0.0 hours	3.0 hours

**Distribution:**

CVSD; Attn: Jay Rowell  
OAC Services, Inc.; Attn: Jeff Jurgensen

**Attachments:**

Attachment A – Photo Log  
Attachment B – Chain of Custody  
Attachment C – Confirmation Sampling Plan



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Haley & Aldrich, Inc.

[https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/04 - April/04\\_10\\_25\\_LWP\\_DFR\\_89/04\\_10\\_25\\_LWP\\_DFR.docx](https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/04 - April/04_10_25_LWP_DFR_89/04_10_25_LWP_DFR.docx)



Photo 01. Haley & Aldrich compaction testing Units on west side of Site, facing east.



Photo 02. Halme loading soil from clean stockpiles to be distributed around Site as clean backfill, facing northwest.

**Site Photographs – April 10, 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA

**HALEY  
ALDRICH**

**Attachment A**

# CHAIN OF CUSTODY RECORD

H&A FILE NO. 0202349 LABORATORY Envafins Spokane DELIVERY DATE 4/10/25  
PROJECT NAME CVSD Gun Club ADDRESS \_\_\_\_\_ TURNAROUND TIME 5-Day TAT  
H&A CONTACT Brown Green CONTACT Ronnie Arrington PROJECT MANAGER Brown Green

Sample No.	Date	Time	Depth	Type	Analysis Requested												Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)	
					CPAHs Proj	Spec List													
C-133-4.75-1	4/10/25	14:45	4.75	50:1	X													1	Laboratory to use applicable DEP CAM methods, unless otherwise directed.  -CPAHs by Project Specific List        5,6, 6,0 corr <u>\$2006</u>
C-133-4.75-4		14:50	4.75		X												1		
C-75-7.75-2		15:05	7.75		X												1		
C-75-7.75-3		15:10	7.75		X												1		
C-62-8-2		15:15	8		X												1		
C-61-8.25-1		15:20	8.25		X												1		
C-60-8-1		15:25	8		X												1		
C-12-2.25-1		15:35	2.25		X												1		

Sampled and Relinquished by		Received by		LIQUID												Sampling Comments		
Sign <u>[Signature]</u>	Print <u>Luke Peden</u>	Sign <u>[Signature]</u>	Print <u>Carson Deiner</u>														VOA Vial	
Firm <u>Haley &amp; Aldrich</u>	Date <u>4/10/25</u> Time <u>16:20</u>	Firm <u>Envafins Spokane</u>	Date <u>4/10/25</u> Time <u>16:20</u>														Amber Glass	
																	Plastic Bottle	
																	Preservative	
																	Volume	
Relinquished by		Received by		SOLID												Evidence samples were tampered with? YES NO		
Sign _____	Print _____	Sign _____	Print _____														VOA Vial	
Firm _____	Date _____ Time _____	Firm _____	Date _____ Time _____														Amber Glass	
																	Clear Glass	
																	Preservative	
																	Volume	
				PRESERVATION KEY												If YES, please explain in section below.		
				A Sample chilled      C NaOH      E H <sub>2</sub> SO <sub>4</sub> G Methanol B Sample filtered      D HNO <sub>3</sub> F HCL      H Water/NaHSO <sub>4</sub> (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



**NOTES**

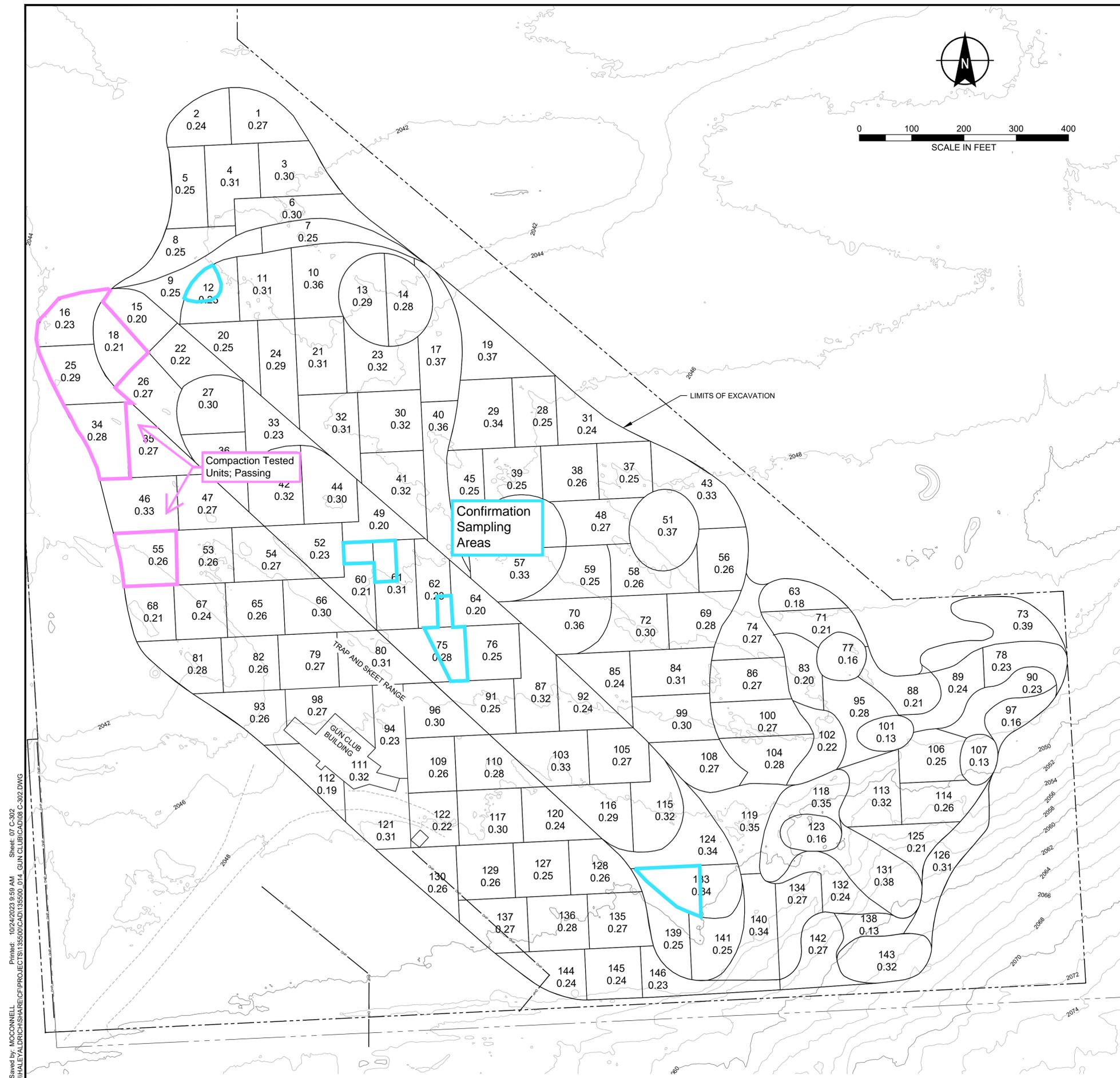
1. CONTRACTOR IS RESPONSIBLE FOR SURVEYING AND DELINEATING THE LIMITS OF THE SAMPLE UNITS SHOWN, AS NECESSARY TO COMPLETE THE WORK.
2. CONTRACTOR SHALL NOT BACKFILL WITHIN THE LIMITS OF ANY INDIVIDUAL SAMPLING UNTIL RECEIVING APPROVAL BY THE ENGINEER.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR CONFIRMATION SAMPLING AT LEAST 2 WORKING DAYS IN ADVANCE FOR EACH SAMPLING UNIT.
4. ALLOW UP TO 5 DAYS FOR THE ENGINEER TO COLLECT CONFIRMATION SAMPLES FOLLOWING IMPACTED SOIL EXCAVATION AND 10 TO 15 DAYS FOR ANALYTICAL RESULTS. CONFIRMATION SAMPLING RESULTS ARE EXPECTED TO TAKE BETWEEN 10 AND 15 DAYS, POSSIBLY LONGER. THE EXACT NUMBER OF DAYS REQUIRED WILL NOT BE KNOWN UNTIL THE FIRST SAMPLES ARE PROCESSED AND COULD VARY BETWEEN SAMPLING UNITS DEPENDING ON SHIPPING AND MOISTURE CONTENT. THE CONTRACTOR SHALL PLAN THE WORK ACCORDINGLY.
5. ONCE A SAMPLING UNIT IS DESIGNATED FOR CONFIRMATION SAMPLING IMPACTED SOILS SHALL NO LONGER BE TRANSPORTED THROUGH THAT SAMPLING UNIT.
6. CLEAN BACKFILL FROM THE REPOSITORY CAN BE STOCKPILED ADJACENT TO SAMPLING UNITS OUTSIDE THE LIMITS OF EXCAVATION IN LOCATIONS APPROVED BY THE ENGINEER.

**LEGEND**

- 73 SAMPLE UNIT ID
- 0.39 AREA (ACRES)

UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)
1	0.27	59	0.25	117	0.30
2	0.24	60	0.21	118	0.35
3	0.30	61	0.31	119	0.35
4	0.31	62	0.23	120	0.24
5	0.25	63	0.18	121	0.31
6	0.30	64	0.20	122	0.22
7	0.25	65	0.26	123	0.16
8	0.25	66	0.30	124	0.34
9	0.25	67	0.24	125	0.21
10	0.36	68	0.21	126	0.31
11	0.31	69	0.28	127	0.25
12	0.25	70	0.36	128	0.26
13	0.29	71	0.21	129	0.26
14	0.28	72	0.30	130	0.26
15	0.20	73	0.39	131	0.38
16	0.23	74	0.27	132	0.24
17	0.37	75	0.28	133	0.34
18	0.21	76	0.25	134	0.27
19	0.37	77	0.16	135	0.27
20	0.25	78	0.23	136	0.28
21	0.31	79	0.27	137	0.27
22	0.22	80	0.31	138	0.13
23	0.32	81	0.28	139	0.25
24	0.29	82	0.26	140	0.34
25	0.29	83	0.20	141	0.25
26	0.27	84	0.31	142	0.27
27	0.30	85	0.24	143	0.32
28	0.25	86	0.27	144	0.24
29	0.34	87	0.32	145	0.24
30	0.32	88	0.21	146	0.23
31	0.24	89	0.24	TOTAL	39.42
32	0.31	90	0.23		
33	0.23	91	0.25		
34	0.28	92	0.24		
35	0.27	93	0.26		
36	0.25	94	0.23		
37	0.25	95	0.28		
38	0.26	96	0.30		
39	0.25	97	0.16		
40	0.36	98	0.27		
41	0.32	99	0.30		
42	0.32	100	0.27		
43	0.33	101	0.13		
44	0.30	102	0.22		
45	0.25	103	0.33		
46	0.33	104	0.28		
47	0.27	105	0.27		
48	0.27	106	0.25		
49	0.20	107	0.13		
50	0.36	108	0.27		
51	0.37	109	0.26		
52	0.23	110	0.28		
53	0.26	111	0.32		
54	0.27	112	0.19		
55	0.26	113	0.32		
56	0.26	114	0.26		
57	0.33	115	0.32		
58	0.26	116	0.29		

LWP  
04/10/25



Saved by: MOCANIEL  
 Date: 10/24/2023 9:59 AM  
 Sheet: 07 of 21  
 PROJECT: 15155000 CAD 152006\_014\_GUN CLUB CAD 108 C-302.DWG

Project No.:	202349-001
Scale:	SHOWN
Date:	10/17/2023
Drawn By:	ZS/MO
Designed By:	BD
Checked By:	KH
Approved By:	JH/KH
Stamp:	

1	ISSUED FOR ECOLOGY	BD	05/18/23
0	ISSUED FOR BID	BD	10/18/23
Rev.	Description	By	Date

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE. #9656  
SPOKANE VALLEY,  
WASHINGTON

**CONFIRMATION SAMPLING PLAN**

**C-302**

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	90
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	April 14, 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 1
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Sunny	<b>Temperature</b>	30-68°F

**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: No contaminated soil was excavated today.
- b. Confirmation Sampling: No confirmation samples were collected today.
- c. Backfill: Units across the eastern side of the Site were backfilled with clean soil via scrapers, with the soil being taken from clean repository stockpiles located in the middle of the Site.

**II. DUST MONITORING:**

As no contaminated soil was excavated, transported, or deposited today, dust monitors were not deployed. Site observations indicated that dust was well controlled at the property lines.

**III. COMPACTION TESTING:**

The Troxler E-Gauge 4590 was used for compaction testing, with a density greater than or equal to 90 percent of the 142.0 pounds per cubic foot (lbs/ft<sup>3</sup>) proctor indicating adequate compaction. Compaction testing was performed across the eastern and northern sides of the Site today, with each Sampling Unit requiring two passing compaction tests to demonstrate adequate compaction within the Unit. A total of 18 Sampling Units were compaction tested today (Units 46, 53, 65, 82, 81, 67, 68, 6, 14, 17, 19, 28, 31, 37, 48, 38, 50, and 73) and all Units passed; see attached Confirmation Sampling Plan. Remedial Excavation compaction test results are being saved in a cloud-based mapping program and will be exported at project completion.

**Discussions:**

<u>Name</u>	<u>Topic</u>
Halme; Haley & Aldrich, Inc.	Haley & Aldrich worked with Matt of Halme throughout the day to scrape loose soil off the surface of compaction testing locations to minimize reading interference during testing.

<u>Field Representative(s)</u>	<u>Time on Site</u>	<u>Report/Travel/Other</u>	<u>Total</u>
Luke Peden	9 hours	1 hour	10 hours

**Distribution:**

CVSD; Attn: Jay Rowell  
 OAC Services, Inc.; Attn: Jeff Jurgensen

**Attachments:**

- Attachment A – Photo Log
- Attachment B – Confirmation Sampling Plan

Haley & Aldrich, Inc.



Photo 01. Halme vehicles and equipment stationed outside of garage, facing southeast.



Photo 02. Halme scraping compaction testing locations to clear away loose soil at surface, facing northeast.

<b>Site Photographs – April 14, 2025</b>	
Spokane Gun Club Cleanup Spokane Valley, WA	
<b>HALEY ALDRICH</b>	<b>Attachment A</b>



Photo 03. Halme watering work areas on eastern side of Site to control dust, facing east.



Photo 04. Halme loading soil from clean stockpiles to be distributed across eastern side of Site as clean fill, facing southeast.

<b>Site Photographs – April 14, 2025</b>	
Spokane Gun Club Cleanup Spokane Valley, WA	
	<b>Attachment A</b>



**NOTES**

1. CONTRACTOR IS RESPONSIBLE FOR SURVEYING AND DELINEATING THE LIMITS OF THE SAMPLE UNITS SHOWN, AS NECESSARY TO COMPLETE THE WORK.
2. CONTRACTOR SHALL NOT BACKFILL WITHIN THE LIMITS OF ANY INDIVIDUAL SAMPLING UNTIL RECEIVING APPROVAL BY THE ENGINEER.
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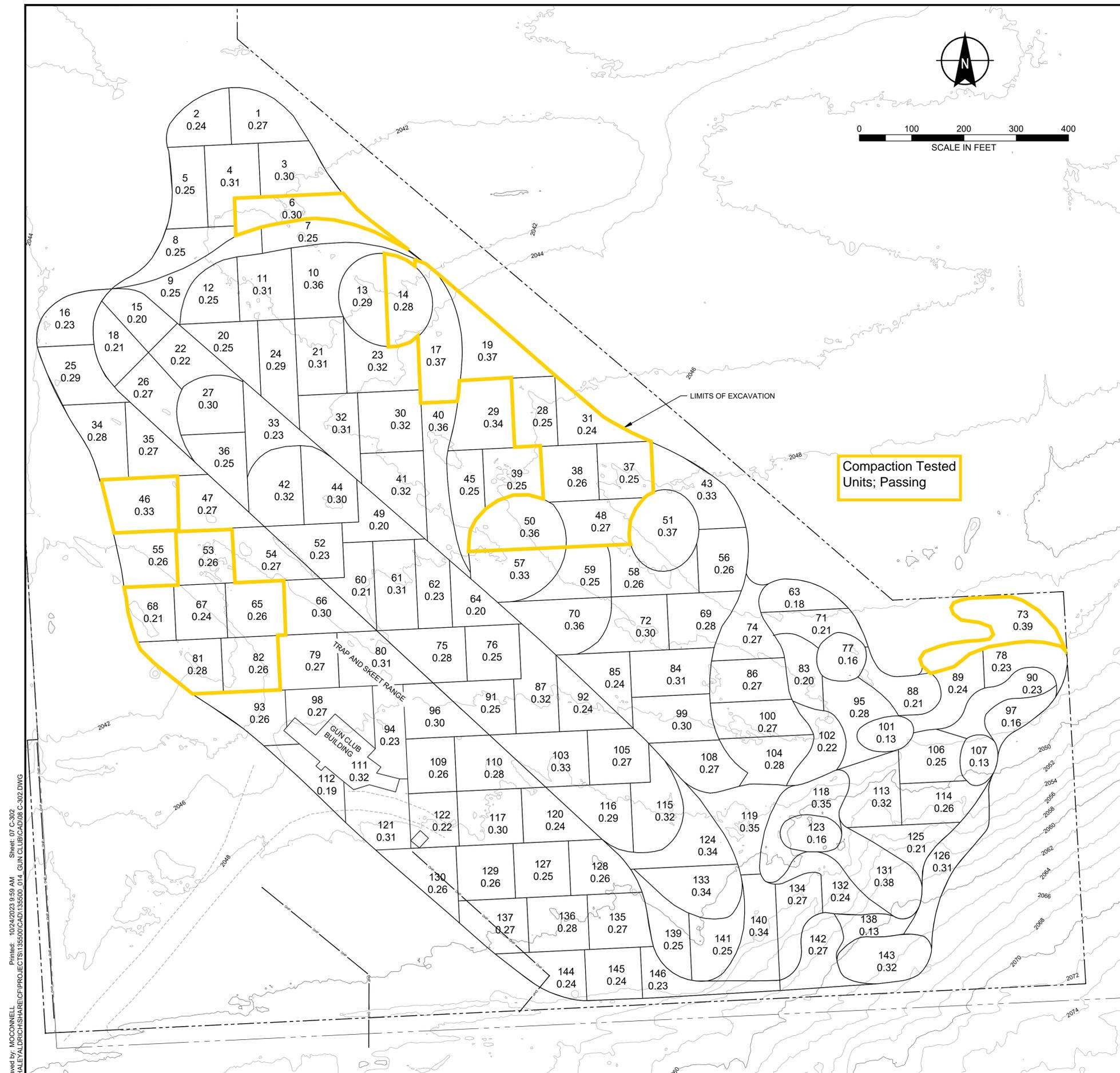
**LEGEND**

- 73 SAMPLE UNIT ID
- 0.39 AREA (ACRES)

UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)
1	0.27	59	0.25	117	0.30
2	0.24	60	0.21	118	0.35
3	0.30	61	0.31	119	0.35
4	0.31	62	0.23	120	0.24
5	0.25	63	0.18	121	0.31
6	0.30	64	0.20	122	0.22
7	0.25	65	0.26	123	0.16
8	0.25	66	0.30	124	0.34
9	0.25	67	0.24	125	0.21
10	0.36	68	0.21	126	0.31
11	0.31	69	0.28	127	0.25
12	0.25	70	0.36	128	0.26
13	0.29	71	0.21	129	0.26
14	0.28	72	0.30	130	0.26
15	0.20	73	0.39	131	0.38
16	0.23	74	0.27	132	0.24
17	0.37	75	0.28	133	0.34
18	0.21	76	0.25	134	0.27
19	0.37	77	0.16	135	0.27
20	0.25	78	0.23	136	0.28
21	0.31	79	0.27	137	0.27
22	0.22	80	0.31	138	0.13
23	0.32	81	0.28	139	0.25
24	0.29	82	0.26	140	0.34
25	0.29	83	0.20	141	0.25
26	0.27	84	0.31	142	0.27
27	0.30	85	0.24	143	0.32
28	0.25	86	0.27	144	0.24
29	0.34	87	0.32	145	0.24
30	0.32	88	0.21	146	0.23
31	0.24	89	0.24	TOTAL	39.42
32	0.31	90	0.23		
33	0.23	91	0.25		
34	0.28	92	0.24		
35	0.27	93	0.26		
36	0.25	94	0.23		
37	0.25	95	0.28		
38	0.26	96	0.30		
39	0.25	97	0.16		
40	0.36	98	0.27		
41	0.32	99	0.30		
42	0.32	100	0.27		
43	0.33	101	0.13		
44	0.30	102	0.22		
45	0.25	103	0.33		
46	0.33	104	0.28		
47	0.27	105	0.27		
48	0.27	106	0.25		
49	0.20	107	0.13		
50	0.36	108	0.27		
51	0.37	109	0.26		
52	0.23	110	0.28		
53	0.26	111	0.32		
54	0.27	112	0.19		
55	0.26	113	0.32		
56	0.26	114	0.26		
57	0.33	115	0.32		
58	0.26	116	0.29		

Compaction Tested Units; Passing

LWP  
04/14/25



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 Sheet: 07 of 21  
 \\HALEY\ALDRICH\SHARE\CP\PROJECTS\155500\CAD\155500\_014\_GUN CLUB\CAD\08 C-302.DWG

Project No.:	202349-001
Scale:	SHOWN
Date:	10/17/2023
Drawn By:	ZS/MO
Designed By:	BD
Checked By:	KH
Approved By:	JH/KH
Stamp:	

1	ISSUED FOR ECOLOGY	BD	05/18/23
0	ISSUED FOR BID	BD	10/18/23
Rev.	Description	By	Date

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE. #9656  
SPOKANE VALLEY,  
WASHINGTON

**CONFIRMATION SAMPLING PLAN**

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	91
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	April 15, 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 1
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Sunny	<b>Temperature</b>	35-70°F

**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: No contaminated soil was excavated today.
- b. Confirmation Sampling: No confirmation samples were collected today.
- c. Backfill: Units across the eastern side of the Site were backfilled with clean soil via scrapers, with the soil being taken from clean repository stockpiles located in the middle of the Site.

**II. DUST MONITORING:**

As no contaminated soil was excavated, transported, or deposited today, dust monitors were not deployed. Site observations indicated that dust was well controlled at the property lines.

**III. COMPACTION TESTING:**

The Troxler E-Gauge 4590 was used for compaction testing, with a density greater than or equal to 90 percent of the 142.0 pounds per cubic foot (lbs/ft<sup>3</sup>) proctor indicating adequate compaction. Compaction testing was performed across the eastern and northern sides of the Site today, with each Sampling Unit requiring two passing compaction tests to demonstrate adequate compaction within the Unit. A total of 8 Sampling Units were compaction tested today (Units 107, 97, 78, 90, 89, 88, 77, and 101) and all Units passed. Remedial Excavation compaction test results are being saved in a cloud-based mapping program and will be exported at project completion.

**Discussions:**

<u>Name</u>	<u>Topic</u>
Halme; Haley & Aldrich, Inc.	Haley & Aldrich worked with Matt of Halme throughout the day to scrape loose soil off the surface of compaction testing locations to minimize reading interference during testing.

<u>Field Representative(s)</u>	<u>Time on Site</u>	<u>Report/Travel/Other</u>	<u>Total</u>
Luke Peden	4.25 hours	1.25 hours	5.50 hours

**Distribution:**

CVSD; Attn: Jay Rowell  
OAC Services, Inc.; Attn: Jeff Jurgensen

**Attachments:**

- Attachment A – Photo Log
- Attachment B – Compaction Markup

[https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/04 - April/04\\_15\\_25\\_LWP\\_DFR\\_91/04\\_15\\_25\\_LWP\\_DFR.docx](https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/04 - April/04_15_25_LWP_DFR_91/04_15_25_LWP_DFR.docx)

Haley & Aldrich, Inc.



Photo 01. Halme scraping compaction testing locations to clear away loose soil at surface, facing northwest.



Photo 02. Halme watering eastern side of Site while distributing clean stockpile soil across Site as clean fill, facing northwest.

<b>Site Photographs – April 15, 2025</b>	
Spokane Gun Club Cleanup Spokane Valley, WA	
<b>HALEY ALDRICH</b>	<b>Attachment A</b>



**NOTES**

1. CONTRACTOR IS RESPONSIBLE FOR SURVEYING AND DELINEATING THE LIMITS OF THE SAMPLE UNITS SHOWN, AS NECESSARY TO COMPLETE THE WORK.
2. CONTRACTOR SHALL NOT BACKFILL WITHIN THE LIMITS OF ANY INDIVIDUAL SAMPLING UNTIL RECEIVING APPROVAL BY THE ENGINEER.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR CONFIRMATION SAMPLING AT LEAST 2 WORKING DAYS IN ADVANCE FOR EACH SAMPLING UNIT.
4. ALLOW UP TO 5 DAYS FOR THE ENGINEER TO COLLECT CONFIRMATION SAMPLES FOLLOWING IMPACTED SOIL EXCAVATION AND 10 TO 15 DAYS FOR ANALYTICAL RESULTS. CONFIRMATION SAMPLING RESULTS ARE EXPECTED TO TAKE BETWEEN 10 AND 15 DAYS, POSSIBLY LONGER. THE EXACT NUMBER OF DAYS REQUIRED WILL NOT BE KNOWN UNTIL THE FIRST SAMPLES ARE PROCESSED AND COULD VARY BETWEEN SAMPLING UNITS DEPENDING ON SHIPPING AND MOISTURE CONTENT. THE CONTRACTOR SHALL PLAN THE WORK ACCORDINGLY.
5. ONCE A SAMPLING UNIT IS DESIGNATED FOR CONFIRMATION SAMPLING IMPACTED SOILS SHALL NO LONGER BE TRANSPORTED THROUGH THAT SAMPLING UNIT.
6. CLEAN BACKFILL FROM THE REPOSITORY CAN BE STOCKPILED ADJACENT TO SAMPLING UNITS OUTSIDE THE LIMITS OF EXCAVATION IN LOCATIONS APPROVED BY THE ENGINEER.

**LEGEND**

- 73 SAMPLE UNIT ID
- 0.39 AREA (ACRES)

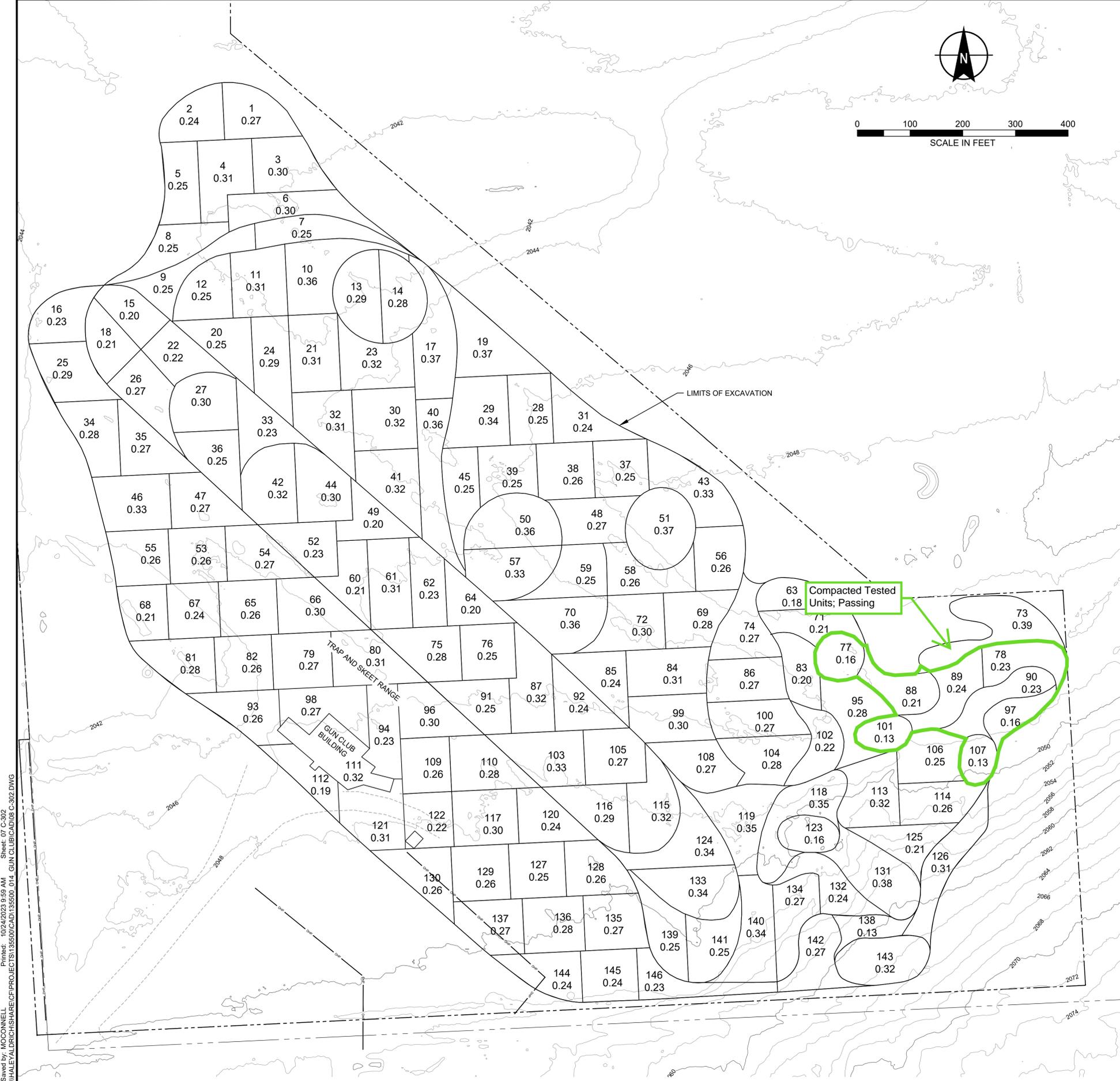
UNIT ID	AREA (AC.)
1	0.27
2	0.24
3	0.30
4	0.31
5	0.25
6	0.30
7	0.25
8	0.25
9	0.25
10	0.36
11	0.31
12	0.25
13	0.29
14	0.28
15	0.20
16	0.23
17	0.37
18	0.21
19	0.37
20	0.25
21	0.31
22	0.22
23	0.32
24	0.29
25	0.29
26	0.27
27	0.30
28	0.25
29	0.34
30	0.32
31	0.24
32	0.31
33	0.23
34	0.28
35	0.27
36	0.25
37	0.25
38	0.26
39	0.25
40	0.36
41	0.32
42	0.32
43	0.33
44	0.30
45	0.25
46	0.33
47	0.27
48	0.27
49	0.20
50	0.36
51	0.37
52	0.23
53	0.26
54	0.27
55	0.26
56	0.26
57	0.33
58	0.26
59	0.25
60	0.21
61	0.31
62	0.23
63	0.18
64	0.20
65	0.26
66	0.30
67	0.24
68	0.21
69	0.28
70	0.36
71	0.21
72	0.30
73	0.39
74	0.27
75	0.28
76	0.25
77	0.16
78	0.23
79	0.27
80	0.31
81	0.28
82	0.26
83	0.20
84	0.31
85	0.24
86	0.27
87	0.32
88	0.21
89	0.24
90	0.23
91	0.25
92	0.24
93	0.26
94	0.23
95	0.28
96	0.30
97	0.16
98	0.27
99	0.30
100	0.27
101	0.13
102	0.22
103	0.33
104	0.28
105	0.27
106	0.25
107	0.13
108	0.27
109	0.26
110	0.28
111	0.32
112	0.19
113	0.32
114	0.26
115	0.35
116	0.29
117	0.30
118	0.35
119	0.35
120	0.24
121	0.31
122	0.22
123	0.16
124	0.34
125	0.21
126	0.31
127	0.25
128	0.26
129	0.26
130	0.26
131	0.38
132	0.24
133	0.34
134	0.27
135	0.27
136	0.28
137	0.27
138	0.13
139	0.25
140	0.34
141	0.25
142	0.27
143	0.32
144	0.24
145	0.24
146	0.23
147	0.27
148	0.27
149	0.20
150	0.36
151	0.37
152	0.23
153	0.26
154	0.27
155	0.26
156	0.26
157	0.33
158	0.26

UNIT ID	AREA (AC.)
59	0.25
60	0.21
61	0.31
62	0.23
63	0.18
64	0.20
65	0.26
66	0.30
67	0.24
68	0.21
69	0.28
70	0.36
71	0.21
72	0.30
73	0.39
74	0.27
75	0.28
76	0.25
77	0.16
78	0.23
79	0.27
80	0.31
81	0.28
82	0.26
83	0.20
84	0.31
85	0.24
86	0.27
87	0.32
88	0.21
89	0.24
90	0.23
91	0.25
92	0.24
93	0.26
94	0.23
95	0.28
96	0.30
97	0.16
98	0.27
99	0.30
100	0.27
101	0.13
102	0.22
103	0.33
104	0.28
105	0.27
106	0.25
107	0.13
108	0.27
109	0.26
110	0.28
111	0.32
112	0.19
113	0.32
114	0.26
115	0.35
116	0.29

UNIT ID	AREA (AC.)
117	0.30
118	0.35
119	0.35
120	0.24
121	0.31
122	0.22
123	0.16
124	0.34
125	0.21
126	0.31
127	0.25
128	0.26
129	0.26
130	0.26
131	0.38
132	0.24
133	0.34
134	0.27
135	0.27
136	0.28
137	0.27
138	0.13
139	0.25
140	0.34
141	0.25
142	0.27
143	0.32
144	0.24
145	0.24
146	0.23
TOTAL	39.42

63  
0.18  
Compacted Tested  
Units; Passing

LWP  
04/15/25



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 Sheet: 07 of 21  
 \\HALEY\ALDRICH\SHARE\PROJECTS\158500\CAD\158500\_014\_GUN CLUB\CAD\08 C-302.DWG

Project No.: 202349-001  
 Scale: SHOWN  
 Date: 10/17/2023  
 Drawn By: ZS/MO  
 Designed By: BD  
 Checked By: KH  
 Approved By: JH/KH  
 Stamp:

CVSD GUN CLUB  
 CLEANUP PROJECT  
 19615 E. SPRAGUE AVE. #9656  
 SPOKANE VALLEY,  
 WASHINGTON

**CONFIRMATION SAMPLING PLAN**

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	92
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	April 17, 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 1
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Sun	<b>Temperature</b>	60°F

**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: No contaminated soil was excavated today.
- b. Confirmation Sampling: A total of three Sampling Units were sampled today (Units 133, 75, and 62). These Sampling Units were previously divided into four quadrants, with each Unit having two to three quadrants pass previous analyses. As such, only one or two quadrants were sampled from each Unit, as necessary. The Chain of Custody (COC) for these samples is attached.
- c. Backfill: No backfill was completed today.

**II. DUST MONITORING:**

As no contaminated soil was excavated, transported, or deposited today, dust monitors were not deployed. Site observations indicated that dust was well controlled at the property lines.

**III. COMPACTION TESTING:**

The Troxler E-Gauge 4590 was used for compaction testing, with a density greater than or equal to 90 percent of the 142.0 pounds per cubic foot (lbs/ft<sup>3</sup>) proctor indicating adequate compaction. Compaction testing was performed across the western side of the Site today, with each Sampling Unit requiring two passing compaction tests to demonstrate adequate compaction within the Unit. A total of five Sampling Units were compaction-tested today (63, 71, 74, 83, and 86) and all Units passed. Remedial Excavation compaction test results are being saved in a cloud-based mapping program and will be exported at project completion.

**Discussions:**

<u>Name</u>	<u>Topic</u>
Halme; Haley & Aldrich, Inc.	Haley & Aldrich spoke with Jay Rowell and Jeff Jurgensen today about construction progress, timeline, and outstanding testing during a Project Team meeting.

<u>Field Representative(s)</u>	<u>Time on Site</u>	<u>Report/Travel/Other</u>	<u>Total</u>
Breeyn Greer	4 hours	1 hours	5 hours

**Distribution:**

CVSD; Attn: Jay Rowell  
OAC Services, Inc.; Attn: Jeff Jurgensen

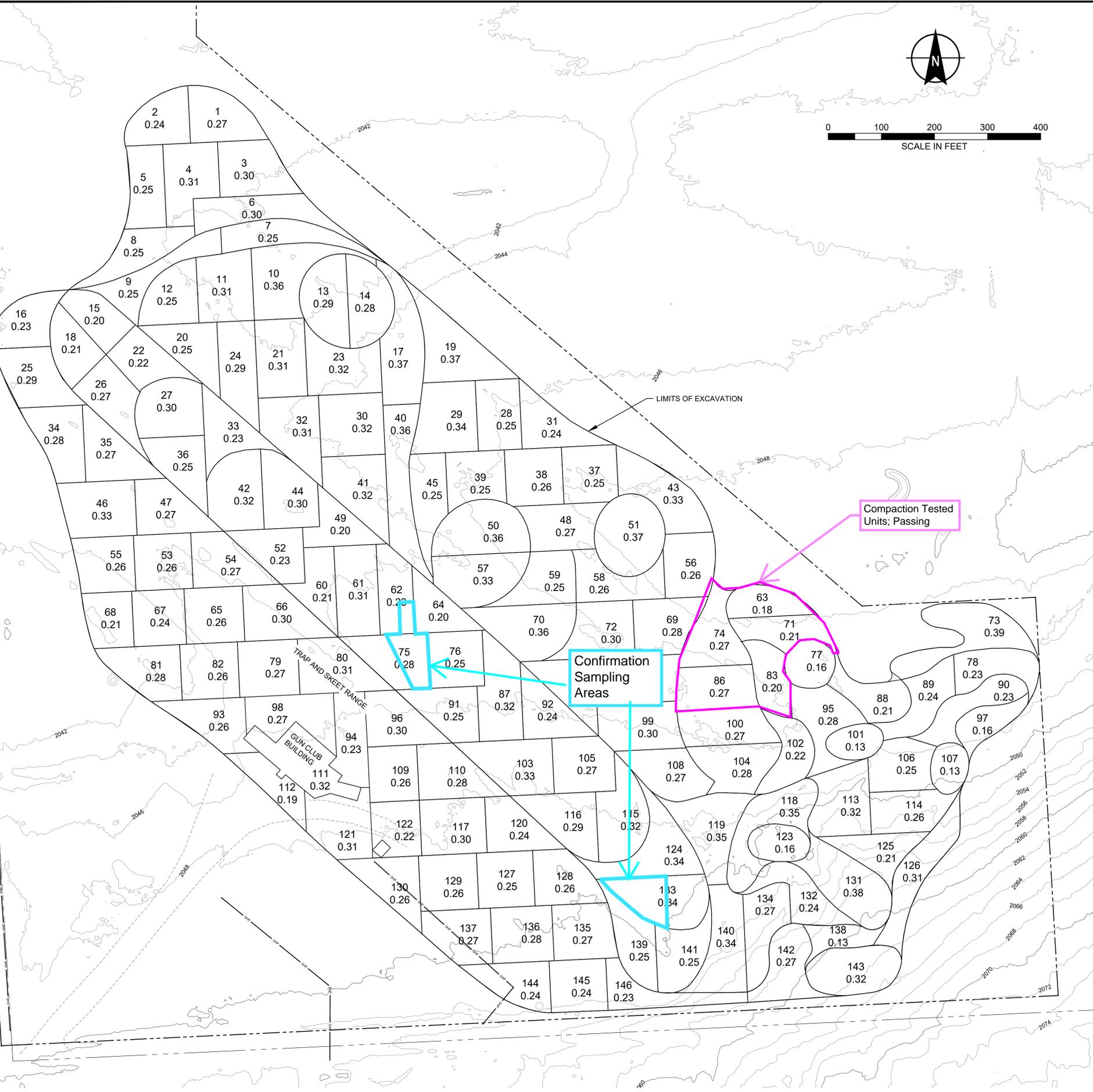
**Attachments:**

Attachment A – Photo Log  
Attachment B – Confirmation Sampling Plan



Haley & Aldrich, Inc.





**NOTES**

1. CONTRACTOR IS RESPONSIBLE FOR SURVEYING AND DELINEATING THE LIMITS OF THE SAMPLE UNITS SHOWN, AS NECESSARY TO COMPLETE THE WORK.
2. CONTRACTOR SHALL NOT BACKFILL WITHIN THE LIMITS OF ANY INDIVIDUAL SAMPLING UNTIL RECEIVING APPROVAL BY THE ENGINEER.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR CONFIRMATION SAMPLING AT LEAST 2 WORKING DAYS IN ADVANCE FOR EACH SAMPLING UNIT.
4. ALLOW UP TO 5 DAYS FOR THE ENGINEER TO COLLECT CONFIRMATION SAMPLES FOLLOWING IMPACTED SOIL EXCAVATION AND 10 TO 15 DAYS FOR ANALYTICAL RESULTS. CONFIRMATION SAMPLING RESULTS ARE EXPECTED TO TAKE BETWEEN 10 AND 15 DAYS, POSSIBLY LONGER. THE EXACT NUMBER OF DAYS REQUIRED WILL NOT BE KNOWN UNTIL THE FIRST SAMPLES ARE PROCESSED AND COULD VARY BETWEEN SAMPLING UNITS DEPENDING ON SHIPPING AND MOISTURE CONTENT. THE CONTRACTOR SHALL PLAN THE WORK ACCORDINGLY.
5. ONCE A SAMPLING UNIT IS DESIGNATED FOR CONFIRMATION SAMPLING IMPACTED SOILS SHALL NO LONGER BE TRANSPORTED THROUGH THAT SAMPLING UNIT.
6. CLEAN BACKFILL FROM THE REPOSITORY CAN BE STOCKPILED ADJACENT TO SAMPLING UNITS OUTSIDE THE LIMITS OF EXCAVATION IN LOCATIONS APPROVED BY THE ENGINEER.

**LEGEND**

- 73 SAMPLE UNIT ID
- 0.39 AREA (ACRES)

UNIT ID	AREA (AC.)
1	0.27
2	0.24
3	0.30
4	0.31
5	0.25
6	0.30
7	0.25
8	0.25
9	0.25
10	0.36
11	0.31
12	0.25
13	0.29
14	0.28
15	0.20
16	0.23
17	0.37
18	0.21
19	0.37
20	0.25
21	0.31
22	0.22
23	0.32
24	0.29
25	0.29
26	0.27
27	0.30
28	0.25
29	0.34
30	0.32
31	0.24
32	0.31
33	0.23
34	0.28
35	0.27
36	0.25
37	0.25
38	0.26
39	0.25
40	0.36
41	0.32
42	0.32
43	0.33
44	0.30
45	0.25
46	0.33
47	0.27
48	0.27
49	0.20
50	0.36
51	0.37
52	0.23
53	0.26
54	0.27
55	0.26
56	0.26
57	0.33
58	0.26
59	0.25
60	0.21
61	0.31
62	0.28
63	0.18
64	0.20
65	0.26
66	0.30
67	0.24
68	0.21
69	0.28
70	0.36
71	0.21
72	0.30
73	0.39
74	0.27
75	0.28
76	0.25
77	0.16
78	0.23
79	0.27
80	0.31
81	0.28
82	0.26
83	0.20
84	0.31
85	0.24
86	0.27
87	0.32
88	0.21
89	0.24
90	0.23
91	0.25
92	0.24
93	0.26
94	0.23
95	0.28
96	0.30
97	0.16
98	0.27
99	0.30
100	0.27
101	0.13
102	0.22
103	0.33
104	0.28
105	0.27
106	0.25
107	0.13
108	0.27
109	0.26
110	0.28
111	0.32
112	0.19
113	0.32
114	0.26
115	0.32
116	0.29
117	0.30
118	0.35
119	0.35
120	0.24
121	0.31
122	0.22
123	0.16
124	0.34
125	0.21
126	0.31
127	0.25
128	0.26
129	0.26
130	0.26
131	0.38
132	0.24
133	0.34
134	0.27
135	0.27
136	0.28
137	0.27
138	0.13
139	0.25
140	0.34
141	0.25
142	0.27
143	0.32
144	0.24
145	0.24
146	0.23

UNIT ID	AREA (AC.)
59	0.25
60	0.21
61	0.31
62	0.23
63	0.18
64	0.20
65	0.26
66	0.30
67	0.24
68	0.21
69	0.28
70	0.36
71	0.21
72	0.30
73	0.39
74	0.27
75	0.28
76	0.25
77	0.16
78	0.23
79	0.27
80	0.31
81	0.28
82	0.26
83	0.20
84	0.31
85	0.24
86	0.27
87	0.32
88	0.21
89	0.24
90	0.23
91	0.25
92	0.24
93	0.26
94	0.23
95	0.28
96	0.30
97	0.16
98	0.27
99	0.30
100	0.27
101	0.13
102	0.22
103	0.33
104	0.28
105	0.27
106	0.25
107	0.13
108	0.27
109	0.26
110	0.28
111	0.32
112	0.19
113	0.32
114	0.26
115	0.32
116	0.29

UNIT ID	AREA (AC.)
117	0.30
118	0.35
119	0.35
120	0.24
121	0.31
122	0.22
123	0.16
124	0.34
125	0.21
126	0.31
127	0.25
128	0.26
129	0.26
130	0.26
131	0.38
132	0.24
133	0.34
134	0.27
135	0.27
136	0.28
137	0.27
138	0.13
139	0.25
140	0.34
141	0.25
142	0.27
143	0.32
144	0.24
145	0.24
146	0.23
TOTAL	39.42

BMG  
4/22/2025

Project No.: 202349-001  
Scale: SHOWN  
Date: 10/17/2023  
Drawn By: ZS/MO  
Designed By: BD  
Checked By: KH  
Approved By: JH/KH  
Stamp:

Rev.	Description	By	Date
1	ISSUED FOR ECOLOGY	BD	05/18/23
0	ISSUED FOR BID	BD	10/18/23

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE. #9656  
SPOKANE VALLEY,  
WASHINGTON

**CONFIRMATION SAMPLING PLAN**

**C-302**

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	93
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	April 30, 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 1
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Sun	<b>Temperature</b>	65°F

**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: No contaminated soil was excavated today.
- b. Confirmation Sampling: A total of two Sampling Units were sampled today (Units 62 and 75). These Sampling Units were previously divided into four quadrants, with each Unit having three quadrants pass previous analyses. As such, only one quadrants were sampled from each Unit, as necessary. The Chain of Custody (COC) for these samples is attached.
- c. Backfill: No backfill was completed today.

**II. DUST MONITORING:**

As no contaminated soil was excavated, transported, or deposited today, dust monitors were not deployed. Site observations indicated that dust was well controlled at the property lines.

**III. COMPACTION TESTING:**

The Troxler E-Gauge 4590 was used for compaction testing the mass excavation. Adequate compaction was determined via field measured density greater than or equal to 90 percent of the 142.0 pounds per cubic foot (lbs/ft<sup>3</sup>) proctor. Compaction testing was performed across the southern portion of the Site today, with each Sampling Unit requiring two passing compaction tests to demonstrate adequate compaction. A total of eight Sampling Units 134 and 140 passed compaction testing today. Remedial Excavation compaction test results are being saved in a cloud-based mapping program and will be exported at project completion.

**Discussions:**

<u>Name</u>	<u>Topic</u>
Halme; Haley & Aldrich	Haley & Aldrich spoke with Brady of Halme regarding the compaction of clean units. Brady explained that Halme will address the failing compaction values after the completion of the repository.

<u>Field Representative(s)</u>	<u>Time on Site</u>	<u>Report/Travel/Other</u>	<u>Total</u>
Cameron Luckey	7.75 hours	1.00 hours	8.75 hours

**Distribution:**

CVSD; Attn: Jay Rowell  
OAC Services, Inc.; Attn: Jeff Jurgensen

**Attachments:**

Attachment A – COC  
Attachment B – Confirmation Sampling Plan



Haley & Aldrich, Inc.





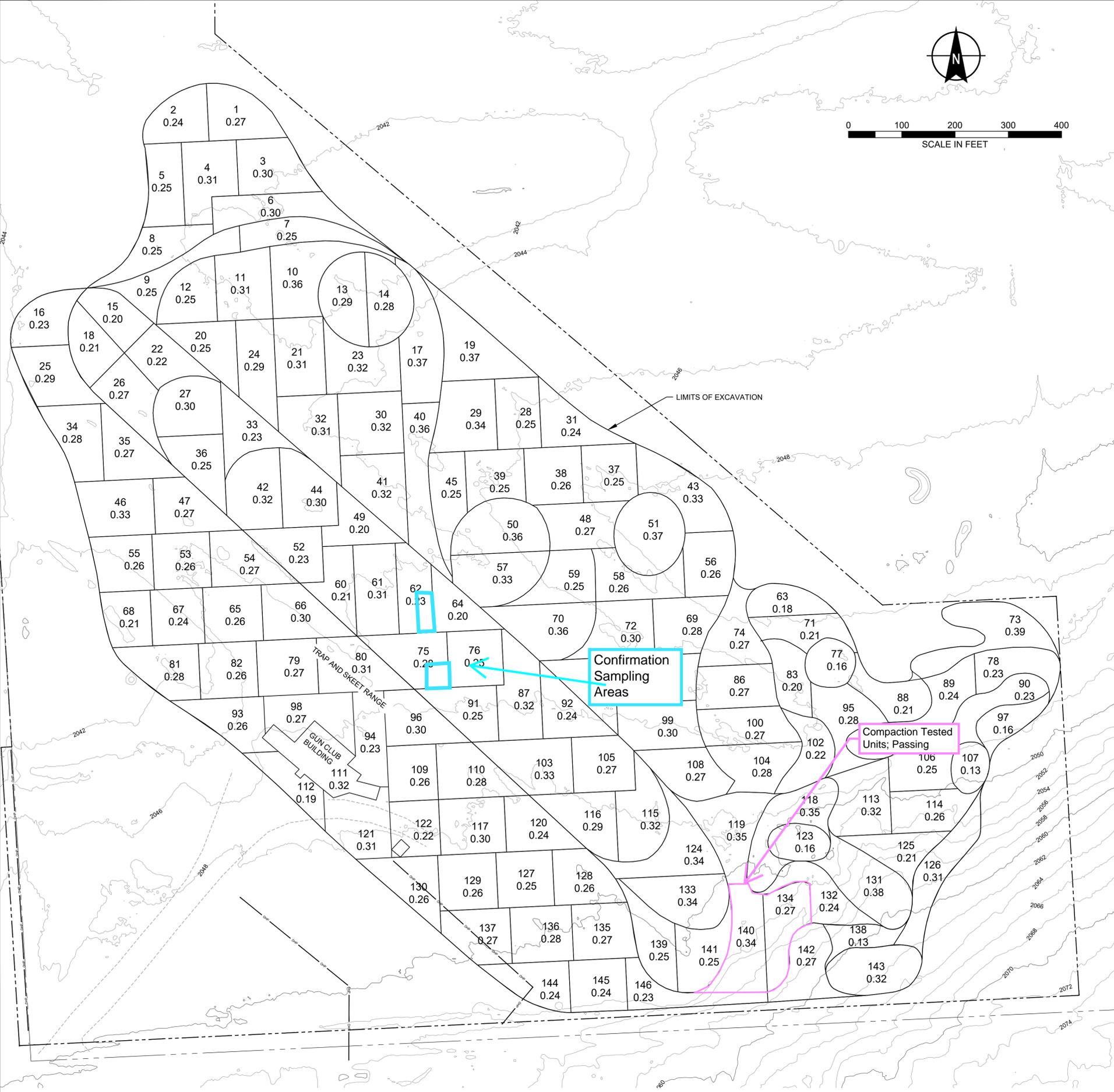
**NOTES**

1. CONTRACTOR IS RESPONSIBLE FOR SURVEYING AND DELINEATING THE LIMITS OF THE SAMPLE UNITS SHOWN, AS NECESSARY TO COMPLETE THE WORK.
2. CONTRACTOR SHALL NOT BACKFILL WITHIN THE LIMITS OF ANY INDIVIDUAL SAMPLING UNTIL RECEIVING APPROVAL BY THE ENGINEER.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR CONFIRMATION SAMPLING AT LEAST 2 WORKING DAYS IN ADVANCE FOR EACH SAMPLING UNIT.
4. ALLOW UP TO 5 DAYS FOR THE ENGINEER TO COLLECT CONFIRMATION SAMPLES FOLLOWING IMPACTED SOIL EXCAVATION AND 10 TO 15 DAYS FOR ANALYTICAL RESULTS. CONFIRMATION SAMPLING RESULTS ARE EXPECTED TO TAKE BETWEEN 10 AND 15 DAYS, POSSIBLY LONGER. THE EXACT NUMBER OF DAYS REQUIRED WILL NOT BE KNOWN UNTIL THE FIRST SAMPLES ARE PROCESSED AND COULD VARY BETWEEN SAMPLING UNITS DEPENDING ON SHIPPING AND MOISTURE CONTENT. THE CONTRACTOR SHALL PLAN THE WORK ACCORDINGLY.
5. ONCE A SAMPLING UNIT IS DESIGNATED FOR CONFIRMATION SAMPLING IMPACTED SOILS SHALL NO LONGER BE TRANSPORTED THROUGH THAT SAMPLING UNIT.
6. CLEAN BACKFILL FROM THE REPOSITORY CAN BE STOCKPILED ADJACENT TO SAMPLING UNITS OUTSIDE THE LIMITS OF EXCAVATION IN LOCATIONS APPROVED BY THE ENGINEER.

**LEGEND**

- 73 SAMPLE UNIT ID
- 0.39 AREA (ACRES)

UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)
1	0.27	59	0.25	117	0.30
2	0.24	60	0.21	118	0.35
3	0.30	61	0.31	119	0.35
4	0.31	62	0.23	120	0.24
5	0.25	63	0.18	121	0.31
6	0.30	64	0.20	122	0.22
7	0.25	65	0.26	123	0.16
8	0.25	66	0.30	124	0.34
9	0.25	67	0.24	125	0.21
10	0.36	68	0.21	126	0.31
11	0.31	69	0.28	127	0.25
12	0.25	70	0.36	128	0.26
13	0.29	71	0.21	129	0.26
14	0.28	72	0.30	130	0.26
15	0.20	73	0.39	131	0.38
16	0.23	74	0.27	132	0.24
17	0.37	75	0.28	133	0.34
18	0.21	76	0.25	134	0.27
19	0.37	77	0.16	135	0.27
20	0.25	78	0.23	136	0.28
21	0.31	79	0.27	137	0.27
22	0.22	80	0.31	138	0.13
23	0.32	81	0.28	139	0.25
24	0.29	82	0.26	140	0.34
25	0.29	83	0.20	141	0.25
26	0.27	84	0.31	142	0.27
27	0.30	85	0.24	143	0.32
28	0.25	86	0.27	144	0.24
29	0.34	87	0.32	145	0.24
30	0.32	88	0.21	146	0.23
31	0.24	89	0.24	TOTAL	39.42
32	0.31	90	0.23		
33	0.23	91	0.25		
34	0.28	92	0.24		
35	0.27	93	0.26		
36	0.25	94	0.23		
37	0.25	95	0.28		
38	0.26	96	0.30		
39	0.25	97	0.16		
40	0.36	98	0.27		
41	0.32	99	0.30		
42	0.32	100	0.27		
43	0.33	101	0.13		
44	0.30	102	0.22		
45	0.25	103	0.33		
46	0.33	104	0.28		
47	0.27	105	0.27		
48	0.27	106	0.25		
49	0.20	107	0.13		
50	0.36	108	0.27		
51	0.37	109	0.26		
52	0.23	110	0.28		
53	0.26	111	0.32		
54	0.27	112	0.19		
55	0.26	113	0.32		
56	0.26	114	0.26		
57	0.33	115	0.32		
58	0.26	116	0.29		



Saved by: MCCANNELL  
 Date: 10/24/2023 9:59 AM  
 Sheet: 07 of 21  
 Project: 10/24/2023 9:59 AM  
 File: \\ALEY\ALDRICH\SHARE\PROJECTS\155500\CAD\155500\_014\_GUN CLUB\CAD\08-C-302.DWG

Project No.:	202349-001
Scale:	SHOWN
Date:	10/17/2023
Drawn By:	ZS/MO
Designed By:	BD
Checked By:	KH
Approved By:	JH/KH
Stamp:	

1	ISSUED FOR ECOLOGY	BD	05/18/23
0	ISSUED FOR BID	BD	10/18/23
Rev.	Description	By	Date

CVSD GUN CLUB  
 CLEANUP PROJECT  
 19615 E. SPRAGUE AVE. #9656  
 SPOKANE VALLEY,  
 WASHINGTON

**CONFIRMATION SAMPLING PLAN**

**C-302**

CAL  
4/30/2025

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	94
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	May 9, 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Clear Skies	<b>Temperature</b>	47 - 72°F

**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: No contaminated soil was excavated today.
- b. Contaminated Unit Sampling: No contaminated unit sampling occurred today.
- c. Backfill: No backfilling occurred today.

**II. DUST MONITORING:**

No dust monitoring was conducted on Site today.

**III. REPOSITORY COMPACTION TESTING:**

The Troxler E-Gauge 4590 was the utilized method of compaction testing, with a density greater than or equal to 90 percent of the 137 pounds per square foot (lbs./ft<sup>2</sup>) proctor indicating adequate compaction. All 20 compaction tests conducted by Haley & Aldrich today passed. Haley & Aldrich requested supplemental proof roll testing by utilizing a CAT 966 GC in one area where compaction testing could not be completed due to the inability to drive the compaction test deep enough into the soil. Testing locations and supplemental proof rolling are noted within the attached Repository Compaction Plan.

The following compaction tests were performed today on the repository with the E-gauge:

Table 1. E-Gauge Compaction Test Results						
Test Number	Test Depth	Dry Density (pcf)	Wet Density (pcf)	% Moisture	% Proctor	Test Result
24/1	8"	132.5	138.5	4.5	96.7	Pass
24/2	8"	124.7	128.2	2.8	91.1	Pass
24/3	8"	128.1	131.7	2.7	93.5	Pass
24/4	8"	129.0	135.8	5.2	94.2	Pass
24/5	8"	124.1	130.4	5.1	90.6	Pass
24/6	8"	128.7	135.7	5.5	93.9	Pass
24/7	8"	127.7	133.9	4.9	93.2	Pass
24/8	8"	124.8	131.6	5.4	91.1	Pass
24/9	8"	126.6	131.6	3.9	92.4	Pass
24/10	8"	130.1	136.1	4.7	94.9	Pass
24/11	8"	127.4	134.3	5.4	93.0	Pass
24/12	8"	125.1	130.4	4.3	91.3	Pass
24/13	8"	127.6	134.6	5.5	93.2	Pass
24/14	8"	123.4	128.9	4.4	90.1	Pass
24/15	8"	126.6	131.5	3.8	92.4	Pass
24/16	8"	124.2	129.7	4.4	90.7	Pass
24/17	8"	123.8	129.0	4.8	90.3	Pass
24/18	8"	123.9	127.4	2.8	90.4	Pass
24/19	8"	123.6	130.1	5.3	90.2	Pass
24/20	8"	127.8	134.0	4.8	93.3	Pass

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	94
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	May 9, 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	2 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Clear Skies	<b>Temperature</b>	47 - 72°F

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**Discussions:**

<b><u>Name</u></b>	<b><u>Topic</u></b>
Halme; Haley & Aldrich	Haley & Aldrich spoke with Brady of Halme throughout the Lift No. 24 compaction process.

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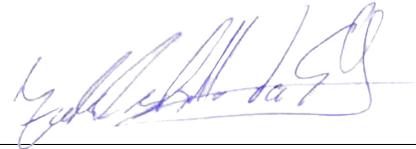
<b><u>Field Representative(s)</u></b>	<b><u>Time on Site</u></b>	<b><u>Report/Travel/Other</u></b>	<b><u>Total</u></b>
Zack Castillo da Silva	4.75 hours	1.25 hours	6.00 hours

**Distribution:**

CVSD; Attn: Jay Rowell  
OAC Services, Inc.; Attn: Jeff Jurgensen

**ATTACHMENTS:**

Attachment A – Photolog  
Attachment B – Repository Subgrade Excavation Plan



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Haley & Aldrich, Inc.



Photo 01. Repository grade conditions (view looking south).



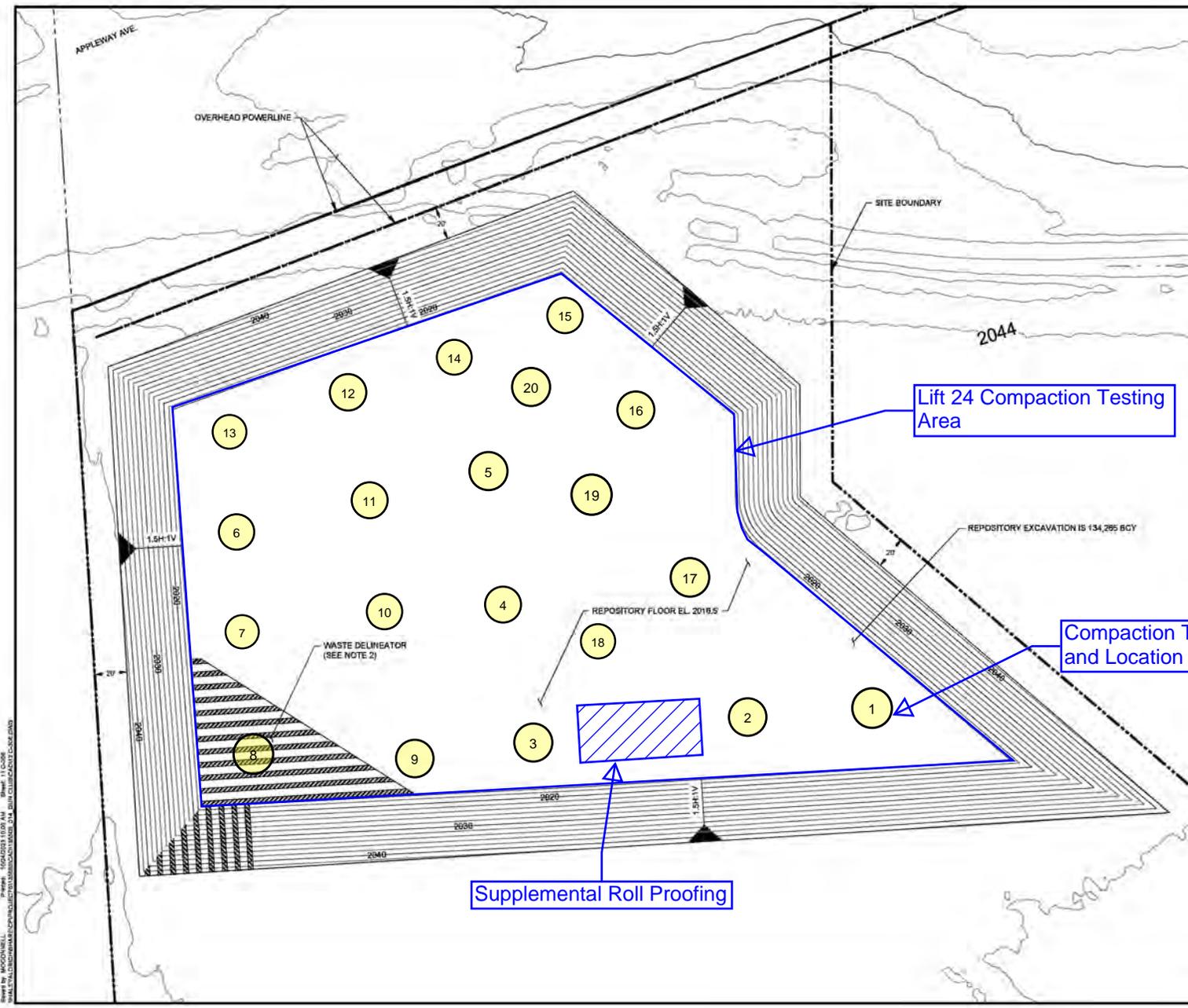
Photo 02. Supplemental proof rolling process, no pumping, deformation, or cracking (view looking east).

**Site Photographs – 09 May 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA



**Attachment A**



**NOTES**

1. PRIOR TO EXCAVATION TOPSOIL SHALL BE STRIPPED AND STOCKPILED.
2. A VISUAL REFERENCE FOR THE DELINEATION BETWEEN NATIVE SOIL AND MATERIAL PLACED IN THE REPOSITORY IS REQUIRED. REFERRED TO HEREIN AS A WASTE DELINEATOR.
3. ORANGE SILT FENCE IN ROLLS 3 FEET WIDE (OR AND APPROVED EQUAL) IS REQUIRED TO BE PLACED 8 FEET O.C. WITH A SPACING BETWEEN THE FABRIC OF 5 FEET IN THE BOTTOM AND ALONG THE CUT SLOPES OF THE REPOSITORY AS A WASTE DELINEATOR.
4. THE ORIENTATION OF THE WASTE DELINEATOR CAN VARY ACROSS THE BOTTOM OF THE REPOSITORY EXCAVATION AS APPROVED BY THE ENGINEER.
5. IMPACTED SOILS SHALL BE PLACED IN THE REPOSITORY IN HORIZONTAL LIFTS NOT TO EXCEED 1.5 FEET IN TOTAL THICKNESS AND COMPACTED TO AT LEAST 90% PER MOOPED PROCTOR ASTM D 1557 WASH TO 7.5%.
6. CONCRETE AND OTHER DEMOLITION DEBRIS APPROVED BY THE ENGINEER SHALL BE PLACED 10 OR MORE FEET BELOW THE LINE.
7. CONTRACTOR SHALL STOCKPILE BOULDER WITH GREATEST DIMENSIONS LARGER THAN 24 INCHES IN THE STOCKPILE LOCATION SHOWN ON SHEET C-303 OR AS APPROVED BY THE ENGINEER.
8. WHEN PLACING BOULDERS OR COMBLES DO NOT NEST THEM SUCH THAT VOIDS ARE CREATED. BOULDERS AND COMBLES SHALL BE SPREAD OUT UNIFORMLY SO SOIL FILLS AROUND THEM.
9. PLACEMENT OF OVERSIZE MATERIALS (12-24 INCHES) SHALL ALLOW COMPACTION EQUIPMENT TO COMPACT AROUND THE SIDES WITHOUT BEING IN CONTACT WITH HEAVY OVERSIZE MATERIAL THAT PRECLUDES UNIFORM COMPACTION.
10. CONCRETE BROKEN INTO PIECES 12 TO 24 INCHES SHALL BE TREATED THE SAME AS OVERSIZE MATERIAL.
11. CONCRETE SLABS CAN BE INCORPORATED INTO FILL WITHOUT PROCESSING IF THEY ARE PLACED ON A LEVEL SURFACE (E.G. NOT DUMPED) SUCH THAT THEY ARE FIRMLY SEATED AND BACKFILLED WITH SAND AND GRAVEL. CONCRETE SLABS SHALL NOT BE STACKED NESTED OR OTHERWISE PLACED SUCH THAT VOIDS ARE CREATED.
12. CONTRACTOR SHALL PROVIDE AN EXCAVATION PLAN WHICH INCLUDES BOTH THE REPOSITORY EXCAVATION AND BACKFILLING AND THE EXCAVATION OF IMPACTED SOILS.

**HALEY ALDRICH**  
 HALEY & ALDRICH  
 505 W RIVERSIDE AVE. SUITE 205  
 SPOKANE, WA 99201  
 TEL. 800.960.7447  
 WWW.HALEYALDRICH.COM

Project No.	202104001
Scale	SHOWN
Date	10/17/2021
Drawn by	ZS/MG
Designed by	BC
Checked by	KH
Approved by	JH/AN
Notes	



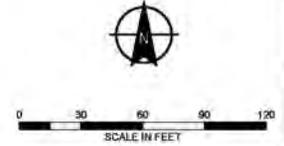
1	ISSUED FOR GEOLOGY	BD	05/14/23
2	ISSUED FOR BLDG	BD	11/14/23
Rev.	Description	By	Date

CVSD GUN CLUB  
 CLEANUP PROJECT  
 19615 E. SPRAGUE AVE. #9055  
 SPOKANE VALLEY,  
 WASHINGTON

REPOSITORY  
 SUBGRADE  
 EXCAVATION PLAN

**C-306**  
 Sheet 11 of 21

ZC 09 May 2025



Drawn by: MOONMILL  
 Date: 10/17/2021 10:09 AM  
 Sheet: 11 of 21  
 Project: CVSD GUN CLUB CLEANUP PROJECT  
 File: \\H:\ALDRICH\PROJECTS\2021\202104001\202104001\_11A\_SUB\_GUNCLUB\_CLEANUP\_CAD.dwg

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	95
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	June 16, 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Clear Skies	<b>Temperature</b>	49 - 76°F

**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: No contaminated soil was excavated today.
- b. Contaminated Unit Sampling: No contaminated unit sampling occurred today.
- c. Backfill: No backfilling occurred today.

**II. DUST MONITORING:**

No dust monitoring was conducted on Site today.

**III. COMPACTION TESTING:**

Compaction verification was conducted at the repository today using the Troxler Soil Density E-Gauge with a proctor of 142. In the case that a compaction verification test failed, two more tests were performed within the vicinity of the first test, at a distance of no more than 5 feet from the first test. If the two retests passed, that area was considered to be passing. If two out of the three tests for one area failed, that area was considered to be failing compaction verification. Two areas failed compaction verification tests during Haley & Aldrich’s Site visit. Haley & Aldrich directed Halme to recompact the areas where failing tests occurred. Haley & Aldrich will continue compaction verification testing once re-compaction is completed.

The following compaction tests were performed today with the E-Gauge:

Table 1. Repository E-Gauge Compaction Test Results						
Lift/Test/Retest	T% Proctor	Dry Density	Wet Density	Moisture	% Moisture	Pass or Fail (P/F)
25-1	93.7	133	137.5	4.5	3.4	P
25-2	87.8	124.7	129.5	4.8	3.9	F
25-2-1	90.4	128.4	133.6	5.2	4.1	P
25-2-2	91.4	129.7	133.8	4.1	3.2	P
25-3	84.1	119.5	123.4	3.9	3.3	F
25-3-1	91.0	129.2	132.5	3.4	2.6	P
25-3-2	92.1	130.8	134.7	3.9	2.9	P
25-4	91.1	129.4	133.1	3.8	2.9	P
25-5	96.2	136.7	140.8	4.1	3.0	P
25-6	89.3	126.9	130.8	3.9	3.1	F
25-6-1	93.6	132.9	136.7	3.8	2.9	P
25-6-2	89.0	126.3	130.5	4.2	3.3	F
25-7	88.4	125.5	129.9	4.4	3.5	F
25-8	92.0	130.6	132.8	2.3	1.7	P
25-9	91.7	130.2	135.4	5.2	4.0	P
25-10	93.3	132.5	136.9	4.4	3.3	P
25-11	94.2	133.8	137.2	3.3	2.5	P
25-12	93.8	133.2	136.5	3.2	2.4	P
25-13	92.8	131.7	134.9	3.2	2.4	P

**DAILY FIELD REPORT**

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	95
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	June 16, 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	2 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Clear Skies	<b>Temperature</b>	49 - 76°F

Table 1. Repository E-Gauge Compaction Test Results						
Lift/Test/Retest	T% Proctor	Dry Density	Wet Density	Moisture	% Moisture	Pass or Fail (P/F)
25-14	99.5	141.2	144.2	3.0	2.1	P
25-15	91.3	129.7	134.8	5.1	3.9	P
25-16	89.0	126.4	131.7	5.3	4.2	F
25-16-1	89.7	127.3	131.8	4.5	3.5	F

**Discussions:**

<u>Name</u>	<u>Topic</u>
Halme; Haley & Aldrich	Haley & Aldrich spoke with Brady of Halme throughout the compaction process.

<u>Field Representative(s)</u>	<u>Time on Site</u>	<u>Report/Travel/Other</u>	<u>Total</u>
Zack Castillo da Silva	7.00 hours	1.00 hours	8.00 hours

**Distribution:**

CVSD; Attn: Jay Rowell  
 OAC Services, Inc.; Attn: Jeff Jurgensen

**ATTACHMENTS:**

Attachment A – Photolog  
 Attachment B – Repository Subgrade Excavation Plan



Haley & Aldrich, Inc.



Photo 01. View of the repository that received compaction testing today. Halme's water truck pictured on the right (view looking northeast).



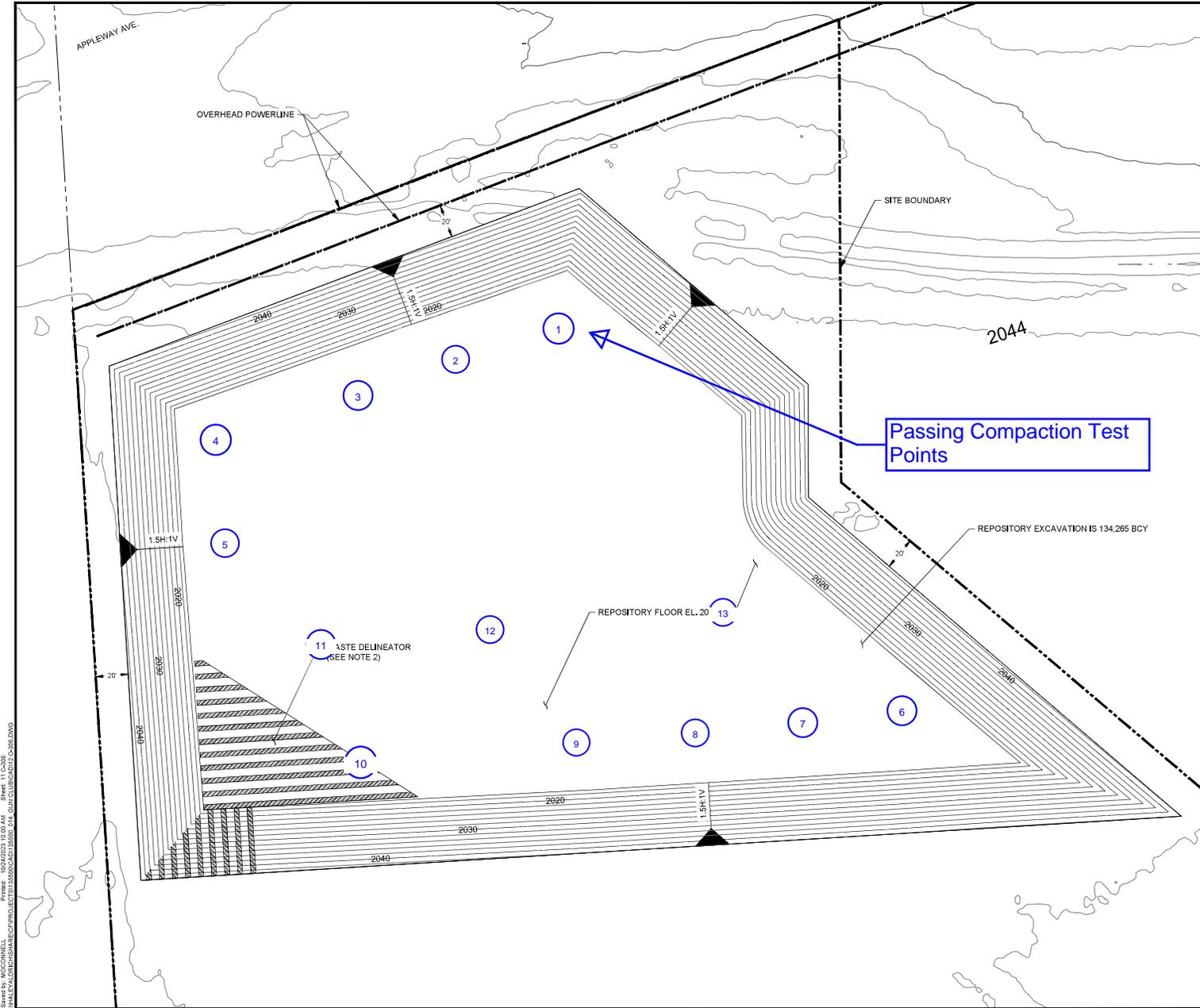
Photo 02. View of compacted material at the repository (view looking northwest).

**Site Photographs - June 16, 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA



**Attachment A**



**NOTES**

1. PRIOR TO EXCAVATION TOPSOIL SHALL BE STRIPPED AND STOCKPILED.
2. A VISUAL REFERENCE FOR THE DELINEATION BETWEEN NATIVE SOIL AND MATERIAL PLACED IN THE REPOSITORY IS REQUIRED. REFERRED TO HEREIN AS A WASTE DELINEATOR.
3. ORANGE SILT FENCE IN ROLLS 5 FEET WIDE (OR AND APPROVED EQUAL) IS REQUIRED TO BE PLACED 8 FEET O.C. WITH A SPACING BETWEEN THE FABRIC OF 5 FEET IN THE BOTTOM AND ALONG THE CUT SLOPES OF THE REPOSITORY AS A WASTE DELINEATOR.
4. THE ORIENTATION OF THE WASTE DELINEATOR CAN VARY ACROSS THE BOTTOM OF THE REPOSITORY EXCAVATION AS APPROVED BY THE ENGINEER.
5. IMPACTED SOILS SHALL BE PLACED IN THE REPOSITORY IN HORIZONTAL LIFTS NOT TO EXCEED 1.5 FEET IN TOTAL THICKNESS AND COMPACTED TO AT LEAST 90% PER MODIFIED PROCTOR ASTM D 1557/ANSI TO 1.180.
6. CONCRETE AND OTHER DEMOLITION DEBRIS APPROVED BY THE ENGINEER SHALL BE PLACED 10 OR MORE FEET BELOW THE LINER.
7. CONTRACTOR SHALL STOCKPILE BOULDERS WITH GREATEST DIMENSIONS LARGER THAN 24 INCHES IN THE STOCKPILE LOCATION SHOWN ON SHEET C-301 OR AS APPROVED BY THE ENGINEER.
8. WHEN PLACING BOULDERS OR COBBLES DO NOT NEST THEM SUCH THAT VOIDS ARE CREATED. BOULDERS AND COBBLES SHALL BE SPREAD OUT UNIFORMLY SO SOIL FILLS AROUND THEM.
9. PLACEMENT OF OVERSIZED MATERIALS (12 - 24 INCHES SHALL ALLOW COMPACTION EQUIPMENT TO COMPACT AROUND THE SIDES WITHOUT BEING IN CONTACT WITH NEARBY OVERSIZE MATERIAL THAT PRECLUDES UNIFORM COMPACTION.
10. CONCRETE BROKEN INTO PIECES 12 TO 24 INCHES SHALL BE TREATED THE SAME AS OVERSIZE MATERIAL.
11. CONCRETE SLABS CAN BE INCORPORATED INTO FILL WITHOUT PROCESSING IF THEY ARE PLACED ON A LEVEL SURFACE (E.G. NOT DUMPED), SUCH THAT THEY ARE FIRMLY SEATED AND BACKFILLED WITH SAND AND GRAVEL. CONCRETE SLABS SHALL NOT BE STACKED NESTED OR OTHERWISE PLACED SUCH THAT VOIDS ARE CREATED.
12. CONTRACTOR SHALL PROVIDE AN EXCAVATION PLAN WHICH INCLUDES BOTH THE REPOSITORY EXCAVATION AND BACKFILLING AND THE EXCAVATION OF IMPACTED SOILS.

Passing Compaction Test Points

ZC 06/16/25



HALEY & ALDRICH  
505 W. RIVERSIDE AVE, SUITE 205  
SPOKANE, WA 99201  
TEL: 509.363.7447  
WWW.HALEYALDRICH.COM

Project No.	202349-001
Scale	SHOWN
Date	10/17/2023
Drawn By	ZSM/CT
Designed By	BD
Checked By	KH
Approved By	JHK/KC
Stamp	



1	ISSUED FOR ECOLOGY	BD	05/16/23
0	ISSUED FOR BE	BD	10/16/23
Rev.	Description	By	Date

CVSD GUN CLUB  
CLEANUP PROJECT  
19615 E. SPRAGUE AVE, #9656  
SPOKANE VALLEY,  
WASHINGTON

REPOSITORY  
SUBGRADE  
EXCAVATION PLAN

C-306

Sheet 11 of 21

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	96
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	June 17, 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Clear Skies	<b>Temperature</b>	49 - 76°F

**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: No contaminated soil was excavated today.
- b. Contaminated Unit Sampling: No contaminated unit sampling occurred today.
- c. Backfill: No backfilling occurred today.

**II. DUST MONITORING:**

No dust monitoring was conducted on Site today.

**III. COMPACTION TESTING:**

Compaction testing was conducted of the cover soil over the three-part liner at the repository today using the Troxler Soil Density E-Gauge with a density target of 140 pounds per square foot (lbs./ft<sup>2</sup>). Repository cover soil is comprised of the same clean material as excavation backfill but screened to 3-inch minus. Therefore, Haley & Aldrich utilized professional judgement to average the contaminated proctor value of 137 lbs./ft<sup>2</sup> and the clean, unscreened value of 142 lbs./ft<sup>2</sup>.

Compaction testing was conducted in the mass-excavation area using the Troxler Soil Density E-Gauge with a proctor of 142 lbs./ft<sup>2</sup>. In the case that a compaction verification test failed, two more tests were performed within the vicinity of the first test, at a distance of no more than 5 feet from the first test. If the two retests passed, that area was considered to be passing. If two out of the three tests for one area failed, that area was considered to be failing compaction verification. No areas failed compaction verification tests during Haley & Aldrich's Site visit.

The following compaction tests were performed today with the E-Gauge:

Lift/Test/Retest	% Proctor	Dry Density	Wet Density	Moisture	% Moisture	Pass or Fail (P/F)
25-17	93.1	130.3	134.3	4.0	3.1	P
25-18	95.3	133.4	136.7	3.3	2.5	P
25-19	91.2	127.6	132.1	4.5	3.5	P
25-20	96.9	135.7	139.7	4.0	2.9	P
25-21	94.6	132.5	135.4	2.9	2.2	P

**Project** Spokane Gun Club Cleanup  
**Location** 19615 E. Sprague Ave., Spokane Valley, WA 99016  
**Client** Central Valley School District (CVSD)  
**Contractor** Halme Construction, Inc. (Halme)  
**Weather** Clear Skies

**Report No.** 96  
**Date** June 17, 2025  
**Page** 2 of 2  
**File No.** 0202349-002  
**Temperature** 49 - 76°F

Table 2. Mass Excavation E-Gauge Compaction Test Results						
Unit/Lift/Test/Retest	% Proctor	Dry Density	Wet Density	Moisture	% Moisture	Pass or Fail (P/F)
143-1-1	86.8	123.2	136.1	2.8	2.3	F
143-1-1-1	96.4	136.9	140.5	3.6	2.6	P
143-1-1-2	97.9	139.0	142.9	3.8	2.8	P
143-1-2	95.1	135.0	138.5	3.4	2.5	P
143-1-3	92.1	130.9	133.2	2.4	1.8	P
138-1-1	94.4	134.0	138.1	4.0	3.0	P
138-1-2	101.7	144.4	147.8	3.4	2.3	P
142-1-1	90.2	128.1	129.7	1.7	1.3	P
142-1-2	94.2	133.8	136.7	2.8	2.1	P

**Discussions:**

<u>Name</u>	<u>Topic</u>
Halme; Haley & Aldrich	Haley & Aldrich spoke with Brady of Halme throughout the compaction process.

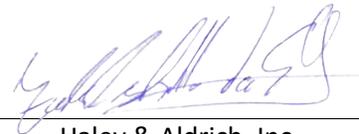
<u>Field Representative(s)</u>	<u>Time on Site</u>	<u>Report/Travel/Other</u>	<u>Total</u>
Zack Castillo da Silva	6.0 hours	1.25 hours	7.25 hours

**Distribution:**

CVSD; Attn: Jay Rowell  
 OAC Services, Inc.; Attn: Jeff Jurgensen

**ATTACHMENTS:**

Attachment A – Photolog  
 Attachment B – Repository Subgrade Excavation Plan  
 Attachment C – Confirmation Sampling Plan



Haley & Aldrich, Inc.



Photo 01. View of the repository that received compaction testing today. Photo taken shortly after water was sprayed on surface of repository (view looking southwest).



Photo 02. View of compacted material at the repository (view looking east) .

**Site Photographs - June 17, 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA



**Attachment A**





<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	97
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	June 18, 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Clear Skies	<b>Temperature</b>	47 - 75°F

**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: No contaminated soil was excavated today.
- b. Contaminated Unit Sampling: No contaminated unit sampling occurred today.
- c. Backfill: No backfilling occurred today.

**II. DUST MONITORING:**

No dust monitoring was conducted on site today.

**III. COMPACTION TESTING:**

Compaction verification was conducted today using a Cat 825C compactor for proof rolling and a T-Probe to assess compaction adequacy. The Troxler nuclear gauge was not utilized due to the inability to drive the probe to the required depth within the coarse material. During the proof roll, no pumping or permanent deformations indicative of an unsuitable subgrade were observed. A T-Probe compaction test was considered acceptable if T-Probe penetration ranged from 2 - 4 inches; penetration exceeding 6 inches indicated a failure and required additional compaction. Each Sampling Unit required two passing T-Probe tests, along with visual confirmation of adequate compaction, which was assessed by observing the roller’s performance over the area. Testing locations and results for each Sampling Unit are documented in the table below. A cloud-based data management system was used to record the location of the compaction test within each Sampling Unit.

The following compaction tests were performed today with the T-Probe:

<b>Table 1. T-Probe Compaction Test Results</b>		
<b>Unit No.</b>	<b>T-Probe Penetration Test Result (inches)</b>	<b>Test Result</b>
123	Under 4"	Pass
131	Under 4"	Pass
135	Under 4"	Pass
113	Under 4"	Pass
118	Under 4"	Pass
132	Under 4"	Pass
102	Under 4"	Pass
95	Under 4"	Pass
104	Under 4"	Pass
100	Under 4"	Pass
108	Under 4"	Pass
99	Under 4"	Pass
84	Under 4"	Pass
69	Under 4"	Pass
56	Under 4"	Pass
43	Under 4"	Pass
51	Under 4"	Pass

**Project** Spokane Gun Club Cleanup  
**Location** 19615 E. Sprague Ave., Spokane Valley, WA 99016  
**Client** Central Valley School District (CVSD)  
**Contractor** Halme Construction, Inc. (Halme)  
**Weather** Clear Skies

**Report No.** 97  
**Date** June 18, 2025  
**Page** 2 of 2  
**File No.** 0202349-002  
**Temperature** 47 - 75°F

Table 1. T-Probe Compaction Test Results		
Unit No.	T-Probe Penetration Test Result (inches)	Test Result
58	Under 4"	Pass
72	Under 4"	Pass
59	Under 4"	Pass
70	Under 4"	Pass
57	Under 4"	Pass
45	Under 4"	Pass
40	Under 4"	Pass
41	Under 4"	Pass
39	Under 4"	Pass
32	Under 4"	Pass
30	Under 4"	Pass
23	Under 4"	Pass
21	Under 4"	Pass
24	Under 4"	Pass

**Discussions:**

<b><u>Name</u></b>	<b><u>Topic</u></b>
Halme; Haley & Aldrich	Haley & Aldrich spoke with Brady of Halme throughout the compaction process.

<b><u>Field Representative(s)</u></b>	<b><u>Time on Site</u></b>	<b><u>Report/Travel/Other</u></b>	<b><u>Total</u></b>
Cameron Luckey	4.00 hours	1.00 hours	5.00 hours

**Distribution:**  
 CVSD; Attn: Jay Rowell  
 OAC Services, Inc.; Attn: Jeff Jurgensen

**ATTACHMENTS:**  
 Attachment A – Photolog



Haley & Aldrich, Inc.



Photo 01. Areas on the northern portion of the site that received compaction testing today (view looking southeast).



Photo 02. Cat 825C utilized for proof rolling tests.

**Site Photographs - June 18, 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA



**Attachment A**

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	98
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	June 23, 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 3
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Clear Skies	<b>Temperature</b>	49 - 76°F

**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: No contaminated soil was excavated today.
- b. Contaminated Unit Sampling: No contaminated unit sampling occurred today.
- c. Backfill: No backfilling occurred today.

**II. DUST MONITORING:**

No dust monitoring was conducted on Site today.

**III. COMPACTION TESTING:**

Compaction verification was conducted today using a Cat 825C compactor for proof rolling and a T-Probe to assess compaction adequacy. The Troxler nuclear gauge was not utilized due to the inability to drive the probe to the required depth within the material. During the proof roll, no pumping or permanent deformations indicative of an unsuitable subgrade were observed. A T-Probe compaction test was considered acceptable if T-Probe penetration ranged from 2 - 4 inches; penetration exceeding 6 inches indicated a failure and required additional compaction. Each Sampling Unit required two passing T-Probe tests, along with visual confirmation of adequate compaction, which was assessed by observing the roller’s performance over the area. Testing locations and results for each Sampling Unit are documented in the table below. A cloud-based data management system was used to record the location of the compaction test within each Sampling Unit.

The following compaction tests were performed today with the T-Probe:

<b>Table 1. T-Probe Compaction Test Results</b>		
<b>Unit No.</b>	<b>T-Probe Penetration Test Result (inches)</b>	<b>Test Result</b>
126	Under 4"	Pass
106	Under 4"	Pass
119	Under 4"	Pass
124	Under 4"	Pass
115	Under 4"	Pass
105	Under 4"	Pass
93	Under 4"	Pass
87	Under 4"	Pass
76	Under 4"	Pass
64	Under 4"	Pass
62	Under 4"	Pass
29	Under 4"	Pass
49	Under 4"	Pass
44	Under 4"	Pass
42	Under 4"	Pass
33	Under 4"	Pass
27	Under 4"	Pass

**DAILY FIELD REPORT**

**Project** Spokane Gun Club Cleanup  
**Location** 19615 E. Sprague Ave., Spokane Valley, WA 99016  
**Client** Central Valley School District (CVSD)  
**Contractor** Halme Construction, Inc. (Halme)  
**Weather** Clear Skies

**Report No.** 98  
**Date** June 23, 2025  
**Page** 2 of 3  
**File No.** 0202349-002  
**Temperature** 49 - 76°F

Table 1. T-Probe Compaction Test Results		
Unit No.	T-Probe Penetration Test Result (inches)	Test Result
36	Under 4"	Pass
52	Under 4"	Pass
60	Under 4"	Pass
61	Under 4"	Pass
75	Under 4"	Pass
91	Under 4"	Pass
103	Under 4"	Pass
116	Under 4"	Pass
133	Under 4"	Pass
141	Under 4"	Pass
139	Under 4"	Pass
135	Under 4"	Pass
128	Under 4"	Pass
120	Under 4"	Pass
110	Under 4"	Pass
96	Under 4"	Pass
80	Under 4"	Pass
66	Under 4"	Pass
54	Under 4"	Pass
47	Under 4"	Pass
35	Under 4"	Pass
26	Under 4"	Pass
22	Under 4"	Pass
20	Under 4"	Pass
12	Under 4"	Pass
11	Under 4"	Pass
10	Under 4"	Pass
13	Under 4"	Pass
7	Under 4"	Pass

**Discussions:**

**Name**

Halme; Haley & Aldrich

**Topic**

Haley & Aldrich spoke with Brady of Halme throughout the compaction process.

**DAILY FIELD REPORT**

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<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	98
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	June 23, 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	3 of 3
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Clear Skies	<b>Temperature</b>	49 - 76°F

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<b><u>Field Representative(s)</u></b>	<b><u>Time on Site</u></b>	<b><u>Report/Travel/Other</u></b>	<b><u>Total</u></b>
Zack Castillo da Silva	4.50 hours	1.00 hours	5.50 hours

**Distribution:**

CVSD; Attn: Jay Rowell  
OAC Services, Inc.; Attn: Jeff Jurgensen

**ATTACHMENTS:**

Attachment A – Photolog



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Haley & Aldrich, Inc.

[https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/06 - June/6-23-2025 ZC DFR/CVSD\\_DFR\\_06\\_23\\_ZC.docx](https://haleyaldrich.sharepoint.com/sites/CentralValleySchoolDistrict356/Shared Documents/0202349.Gun Club - Bid and Tech Support/-002 Construction Support/Data/Field Data/DFR/2025/06 - June/6-23-2025 ZC DFR/CVSD_DFR_06_23_ZC.docx)



Photo 01. Areas on the northern portion of the site that received compaction testing today (view looking southwest).



Photo 02. Cat 825C utilized for proof rolling tests.

**Site Photographs - June 23, 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA



**Attachment A**

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	99
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	24 June 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	1 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Clear Skies	<b>Temperature</b>	49 - 76°F

**I. CLEANUP ACTIVITIES:**

- a. Contaminated Soil Excavation: No contaminated soil was excavated today.
- b. Contaminated Unit Sampling: No contaminated unit sampling occurred today.
- c. Backfill: No backfilling occurred today.

**II. DUST MONITORING:**

No dust monitoring was conducted on Site today.

**III. MASS EXCAVATION COMPACTION TESTING:**

Compaction verification was conducted today using a Cat 825C roller for proof rolling and a T-Probe to assess compaction adequacy. The Troxler nuclear gauge was not utilized due to the inability to drive the probe to the required depth within the material. During the proof roll, no pumping or permanent deformations indicative of an unsuitable subgrade were observed. A T-Probe compaction test was considered acceptable if T-Probe penetration ranged from 2 - 4 inches; penetration exceeding 6 inches indicated a failure and required additional compaction. Each Sampling Unit required two passing T-Probe tests, along with visual confirmation of adequate compaction, which was assessed by observing the roller’s performance over the area. Testing locations and results for each Sampling Unit are documented in the table below. A cloud-based data management system was used to record the location of the compaction test within each Sampling Unit.

The following compaction tests were performed today with the T-Probe:

<b>Table 1. T-Probe Compaction Test Results</b>		
<b>Unit No.</b>	<b>T-Probe Penetration Test Result (inches)</b>	<b>Test Result</b>
8	Under 4"	Pass
3	Under 4"	Pass
9	Under 4"	Pass
93	Under 4"	Pass
5	Under 4"	Pass
112	Under 4"	Pass
4	Under 4"	Pass
121	Under 4"	Pass
122-1	Under 4"	Pass
122	Under 4"	Pass
130	Under 4"	Pass
137	Under 4"	Pass
144	Under 4"	Pass
145	Under 4"	Pass
146	Under 4"	Pass
136	Under 4"	Pass
127	Under 4"	Pass

<b>Project</b>	Spokane Gun Club Cleanup	<b>Report No.</b>	99
<b>Location</b>	19615 E. Sprague Ave., Spokane Valley, WA 99016	<b>Date</b>	24 June 2025
<b>Client</b>	Central Valley School District (CVSD)	<b>Page</b>	2 of 2
<b>Contractor</b>	Halme Construction, Inc. (Halme)	<b>File No.</b>	0202349-002
<b>Weather</b>	Clear Skies	<b>Temperature</b>	49 - 76°F

Table 1. T-Probe Compaction Test Results		
Unit No.	T-Probe Penetration Test Result (inches)	Test Result
129	Under 4"	Pass
117	Under 4"	Pass
109	Under 4"	Pass
94	Under 4"	Pass
111	Under 4"	Pass
98	Under 4"	Pass
79	Under 4"	Pass

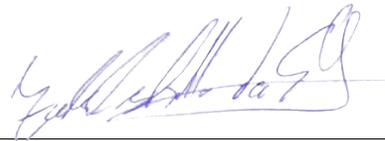
**Discussions:**

<b><u>Name</u></b>	<b><u>Topic</u></b>
Halme; Haley & Aldrich	Haley & Aldrich spoke with Brady of Halme throughout the compaction process.

<b><u>Field Representative(s)</u></b>	<b><u>Time on Site</u></b>	<b><u>Report/Travel/Other</u></b>	<b><u>Total</u></b>
Zack Castillo da Silva	1.50 hours	0.75 hours	2.25 hours

**Distribution:**  
 CVSD; Attn: Jay Rowell  
 OAC Services, Inc.; Attn: Jeff Jurgensen

**ATTACHMENTS:**  
 Attachment A – Photolog



Haley & Aldrich, Inc.



Photo 01. Areas on the southern portion of the site that received compaction testing today (view looking southwest).



Photo 02. Cat 825C utilized for proof rolling tests.

**Site Photographs - June 24, 2025**

Spokane Gun Club Cleanup  
Spokane Valley, WA



**Attachment A**