13 January 2026 - Tuesday

Activity: Weekly
Team: [redacted]
Location: RMBFSF
PPE: Level D
Ref: E2 WP/HSP/Navy PPM EM385-1-1
Weather: Clear

0930 Arrive on site, safety brief, Calibrate PID
0945 Arrive @ Svmp 2
0955 Arrive @ Svmp 3+4 SVMP3 being worked on
1005 Arrive @ SVMP 5+6
1025 Arrive @ Svmp 7+8
1040 Arrive @ Svmp 9+10
1055 Cal check PID
1120 Arrive @ Svmp 11+12
1115 Arrive @ Svmp 13+14
1125 Arrive @ Svmp 15+16
1140 Arrive @ SVMP 17+18
1205 Return to Svmp 3
1215 Arrive @ Svmp 20, Cal check PID
1225 E2 Demob
1240 E2 offsite

~~All~~ All Mats & Sandbags retrieved after sampling

Rite in the Rain.

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Project Title: Long-Term Monitoring, Red Hill Bulk Fuel Storage Facility (RHBFSF)
E2 Job No.: 210045

DAILY INSTRUMENT CALIBRATION LOG

Date: 1/13/26 **E2 Team:** [redacted]

Instrument Type, Model/Serial No.: PID, ppbRAE 3000 (PGM-7340) / 594-906662

INITIAL CALIBRATION: ** All calibration is conducted with moisture filter attached.*

Zero Calibration			Notes
Zeroing Tube *(Make/P /N /Batch No.)* or **Zeroing Gas** *(Manufacturer/Lot No./Exp.)*	**Calibration Reading (ppbv)**	**Pass?** *(Y/N)*	
GASCO/304-P025491118-1/10-03-26	0	Y	
Span Calibration			
Calibration Gas – 10 ppm, Isobutylene *(Manufacturer/Lot No./Exp.)*	**Calibration Reading (ppbv)**	**Pass?** *(Y/N)*	
geotech/24-1736/6-4-29	10.00ppm	Y	
Calibration Pass Criteria*: (1) Zero calibration = ± 100 ppb, (2) Span Calibration= ± 3% (300 ppb)			

Temperature (°F) *(measured from PID):* 75

Background Reading (ppbv) *(moisture filter attached):* 0

CALIBRATION CHECK: **Calibration checks are conducted with moisture filter on. At minimum, one check at midpoint and one check at the end of monitoring. Additional checks conducted, as needed, to verify initial consecutive zero readings or suspected drift in PID readings.*

Time	Calibration Gas – *Concentration as indicated on initial span calibration (specify if other)*			Notes *(e.g., Location)*
	Manufacturer/Lot No./Exp.	**Calibration Reading (ppbv)**	**Pass?** *(Y/N)*	
1055	geotech/24-1736/6-4-29	9404	Y	@ SVMP 10
1225	↓	9584		@ SVMP 20
Calibration Check Pass Criteria*: Span Calibration Gas= ± 10% (1,000 ppb)				

Date:

**Note: If any parameter fails to meet the acceptable range, perform maintenance as needed and re-calibrate PID.*

Soil Vapor Monitoring Log

Contract No.: N62742-17-D-1802 CTO N6274221F0148 Date: 1/13/26

E2 Job No.: 210045

Project Title: Long-Term Monitoring, Red Hill Bulk Fuel Storage Facility (RHBFSF) Location: RHBFSF, JBPHH, Hawaii

Personnel: [redacted]

Instrument Model: ppbRAE 3000 (PGM-7340) Serial No.: 594-906662

Calibration: per SOP (see Instrument Calibration Log)

SVMP No. (Material)	Purge Start Time	Sample Start Time	PID Reading[2] 1	2	3	Reading Time	Background PID Reading	Notes
SV02 $S_{(C)}$	0948	0950	122	114	106	0952	438	
SV02 $M_{(C)}$	0948	0950	100	81	71	0952		
SV02 $D_{(C)}$	0948	0950	87	68	71	0953		
SV03 $S_{(S)}$	[redacted]	[redacted]	1602	1726	1487	1209	3187	Fuel Smell
SV03 $M_{(S)}$	[redacted]	[redacted]	654	402	466	1209	[redacted]	Present
SV03 $D_{(S)}$	[redacted]	[redacted]	713	585	527	1209		
SV04 $S_{(S)}$	0958	0959	372	301	253	1002	1171	
SV04 $M_{(S)}$	0958	0959	238	208	193	1003	[redacted]	
SV04 $D_{(S)}$	0958	0959	216	194	184	1003		
SV05 $S_{(S)}$	1008	1009	303	302	303	1016	332	Dusty, Difficult to sample
SV05 $M_{(S)}$	1008	1009	251	267	270	1009		
SV05 $D_{(S)}$	1008	1009	112	114	103	1009		
SV06 $S_{(C)}$	1019	1021	1745	2045	2294	1022	282	
SV06 $M_{(C)}$	1019	1021	137	124	124	1022		
SV07 $S_{(S)}$	1026	1027	201	189	183	1031	354	
SV07 $M_{(S)}$	1026	1027	184	182	182	1032		
SV07 $D_{(S)}$	1026	1027	211	205	202	1032		
SV08 $S_{(S)}$	1033	1034	208	190	163	1040	368	
SV08 $M_{(S)}$	1033	1034	158	154	150	1041		
SV08 $D_{(S)}$	1033	1034	162	159	156	1041		
SV09 $S_{(S)}$	1043	1044	155	145	142	1046	258	
SV09 $M_{(S)}$	1043	1044	148	141	136	1046		
SV09 $D_{(S)}$	1043	1044	165	163	161	1046		
SV10 $S_{(C)}$	1050	1052	178	163	162	1053	285	
SV10 $M/D_{(C)}$	1050	1052	142	141	139	1054		

Purge Start 1206

1. S - Shallow/Front (Yellow); M - Middle (Blue); M/D - Middle to Deep (Blue & White); D - Deep/Back (White); MD - Marine diesel (F-76); C - Copper tubing (O.D. ~1/4-in.); S - Stainless Steel Tubing (O.D. ~3/16 in.)
2. Readings are measured in part per billion by volume (ppbv) unless otherwise noted. Threshold for summa cannister sampling for both jet fuels (JP-5, F-24) and marine diesel (F-76) is 50,000 ppbv.

Comments:

Soil Vapor Monitoring Log

Date: _____

SVMP No.	Purge Start Time	Sample Start Time	PID Reading[2] 1	2	3	Reading Time	Background PID Reading	Notes
SV11 $S_{(C)}$	1100	1102	242	246	247	1103	378	
SV11 $M/D_{(C)}$	1100	1102	225	226	224	1103		
SV12 $S_{(C)}$	1104	1106	274	273	272	1106	333	
SV12 $M_{(C)}$	1104	1106	260	256	255	1107		
SV12 $D_{(C)}$	1104	1106	241	238	239	1107		
SV13 $S_{(S)}$	1115	1116	292	287	294	1117	321	
SV13 $M_{(S)}$	1115	1116	227	226	225	1118		
SV13 $D_{(S)}$	1115	1116	244	247	245	1118		
SV14 $S_{(C)}$	1120	1122	253	244	247	1123	284	
SV14 $M_{(C)}$	1120	1122	227	232	230	1124		
SV14 $D_{(C)}$	1120	1122	291	232	230	1124		
^{MD}SV15 $S_{(S)}$	1129	1130	246	243	242	1131	301	
~~^{MD}SV15 $M_{(S)}$~~	~~1~~	~~1~~				~~1~~		
^{MD}SV15 $D_{(S)}$	1129	1130	220	218	228	1131		
~~^{MD}SV16 $S_{(C)}$~~	~~1134~~	~~1134~~				~~1135~~	334	
^{MD}SV16 $M_{(C)}$	1132	1134	234	232	233	1135		
^{MD}SV16 $D_{(C)}$	1132	1134	224	228	232	1135		
SV17 $S_{(S)}$	1140	1142	261	236	249	1143	354	
SV17 $M_{(S)}$	1140	1142	219	215	212	1143		
SV17 $D_{(S)}$	1140	1141	213	207	204	1143		
SV18 $S_{(S)}$	1146	1147	652	773	836	1148	626	
SV18 $D_{(S)}$	1146	1147	690	685	683	1148		
SV20 $S_{(S)}$	1216	1217	264	250	249	1220	401	
SV20 $M_{(S)}$	1216	1217	265	262	260	1220		
SV20 $D_{(S)}$	1216	1217	230	226	225	1220		

1. S - Shallow/Front (Yellow); M - Middle (Blue); M/D - Middle to Deep (Blue & White); D - Deep/Back (White); MD - Marine diesel (F-76); C - Copper tubing (O.D. ~1/4-in.); S - Stainless Steel Tubing (O.D. ~3/16 in.)
2. Readings are measured in part per billion by volume (ppbv) unless otherwise noted. Threshold for summa cannister sampling for both jet fuels (JP-5, F-24) and marine diesel (F-76) is 50,000 ppbv.

Comments:

01/13/2026 Red Hill SVMP Photographs

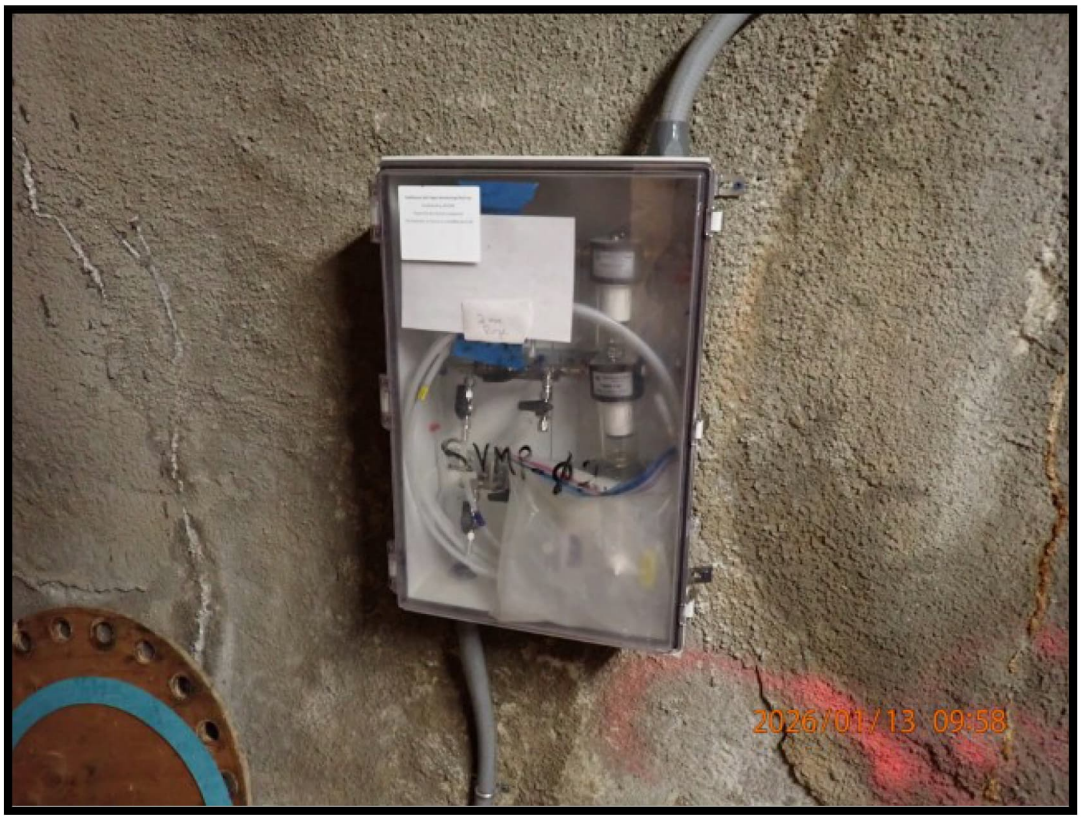

Photo 1. SVMP-02

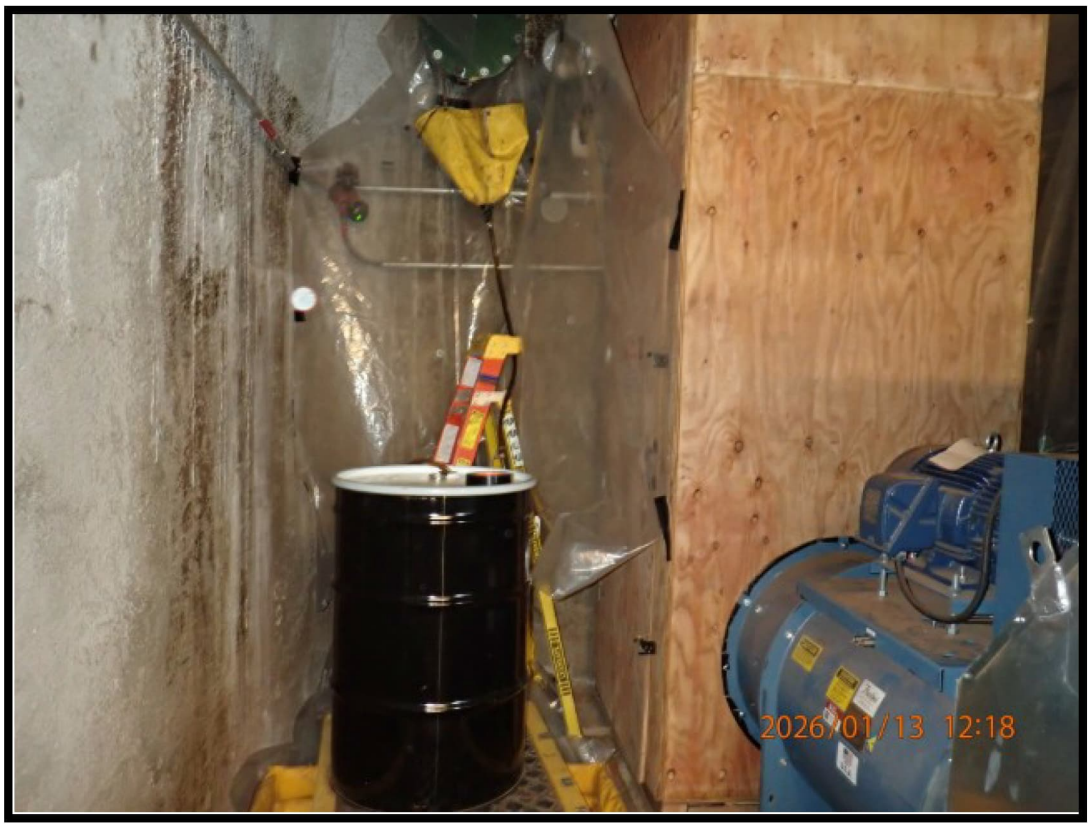

Photo 2. SVMP-03

Photo 3. SVMP-04

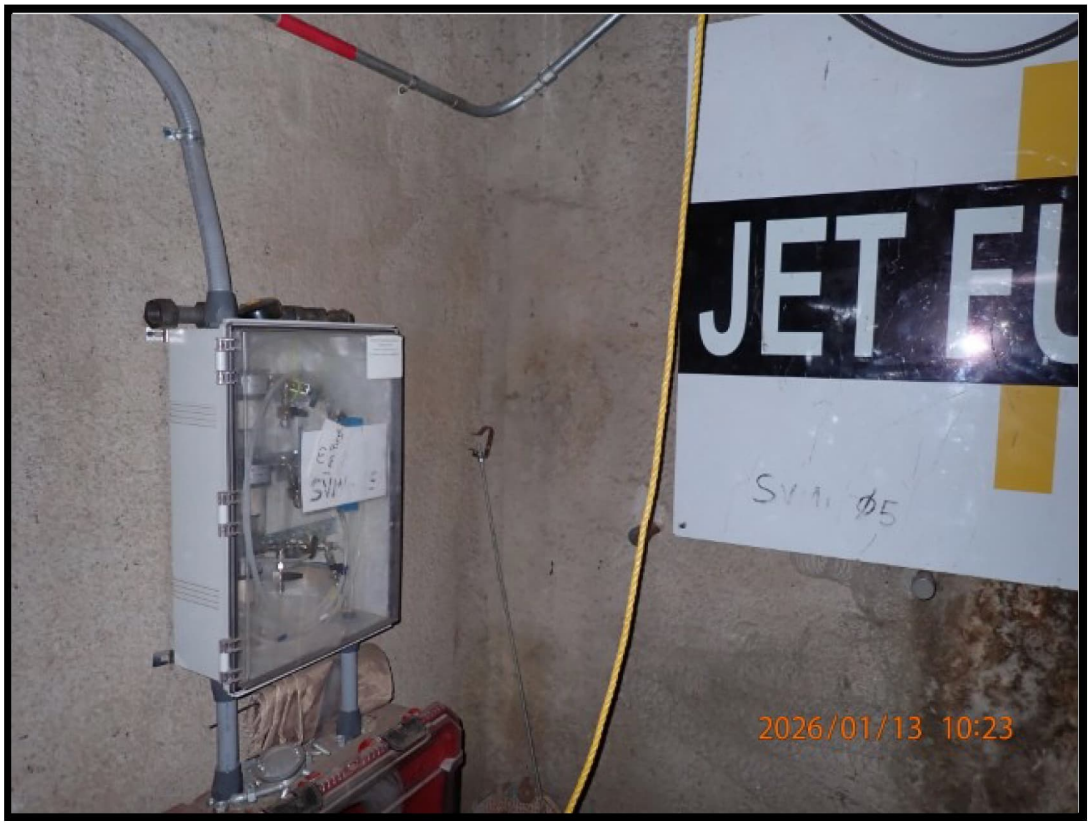

Photo 4. SVMP-05

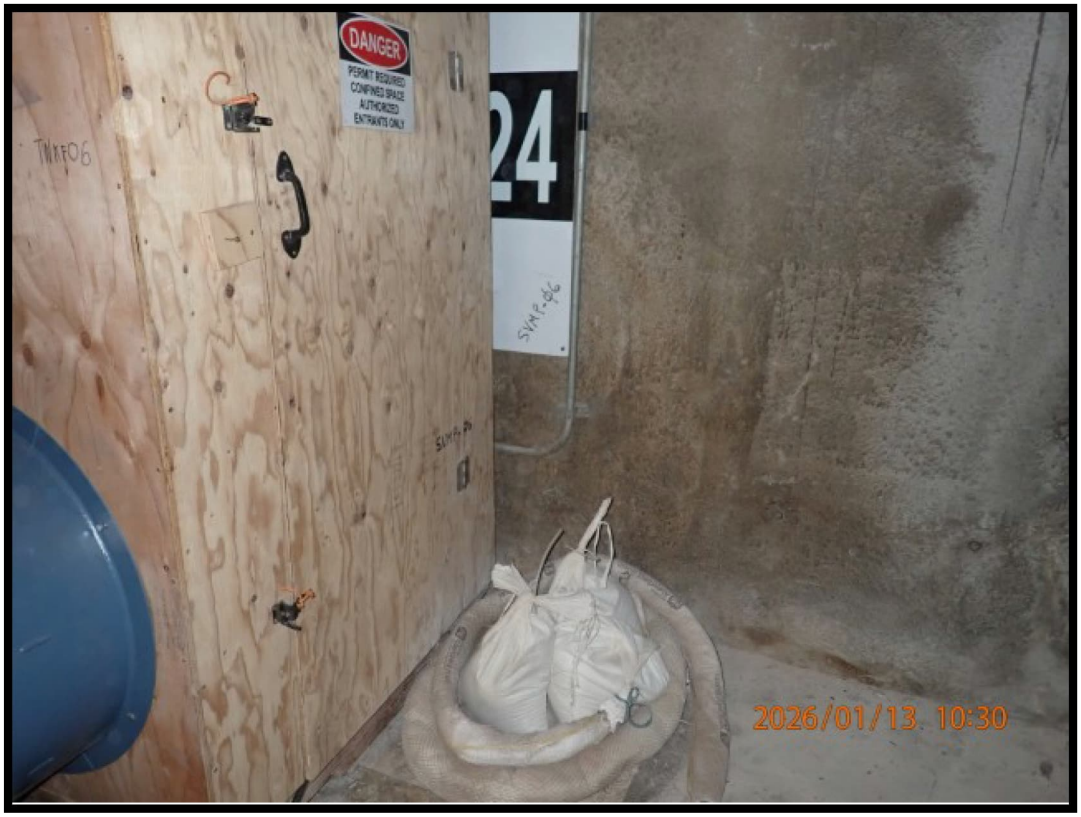

Photo 5. SVMP-06

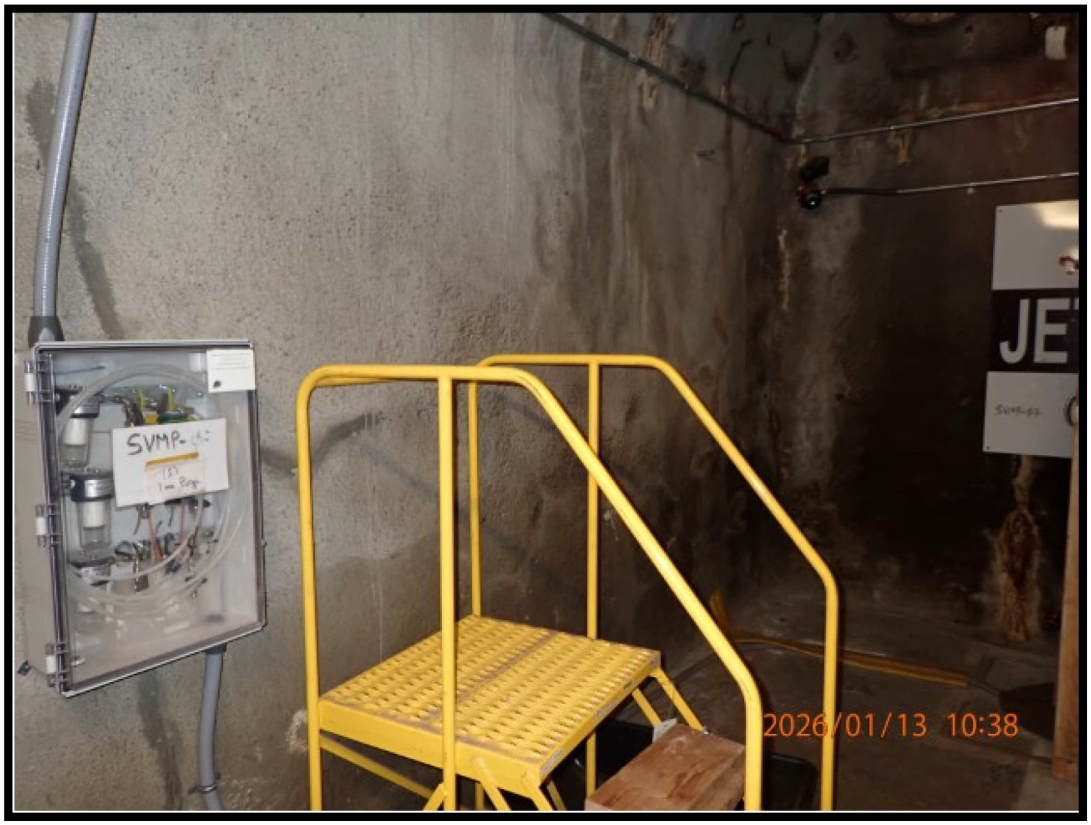

Photo 6. SVMP-07

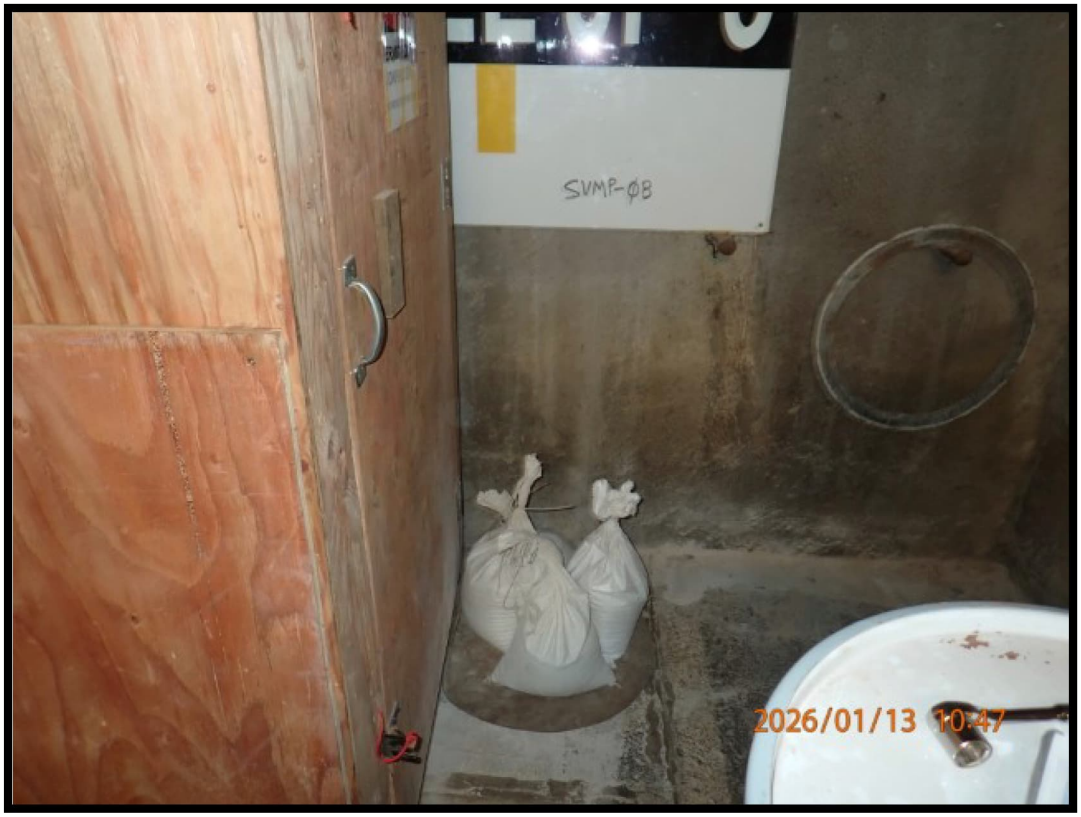

Photo 7. SVMP-08

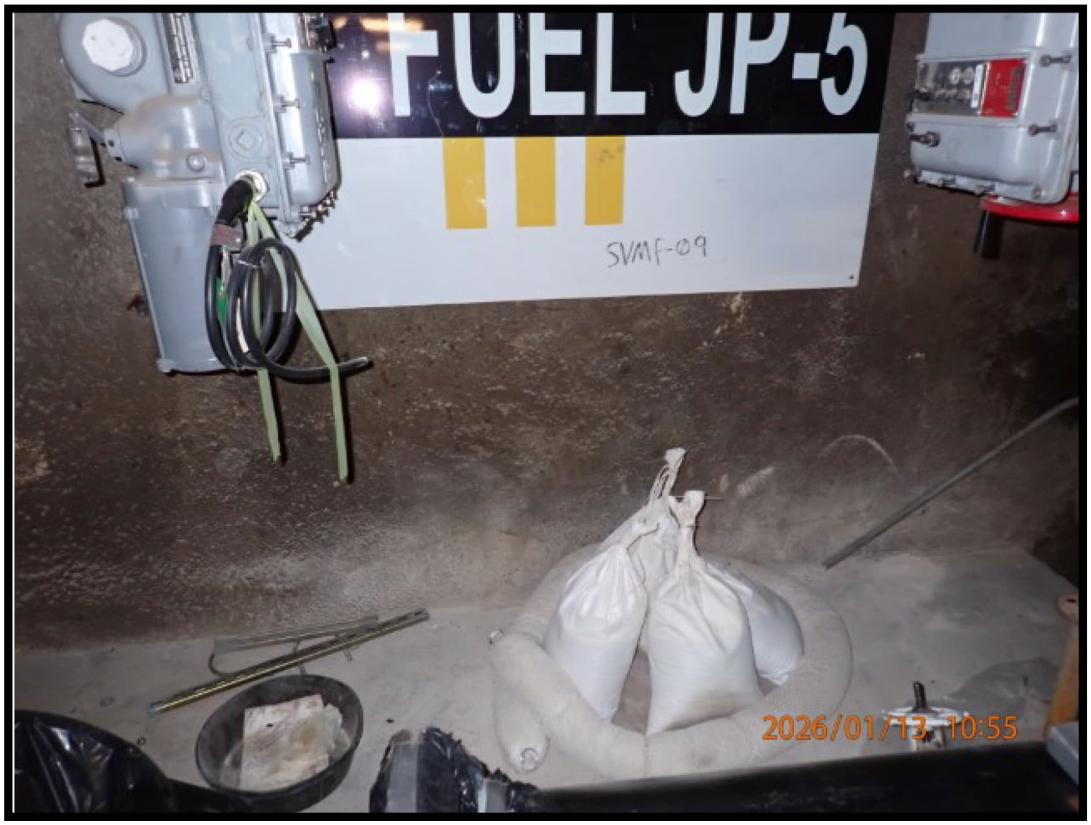

Photo 8. SVMP-09

Photo 9. SVMP-10

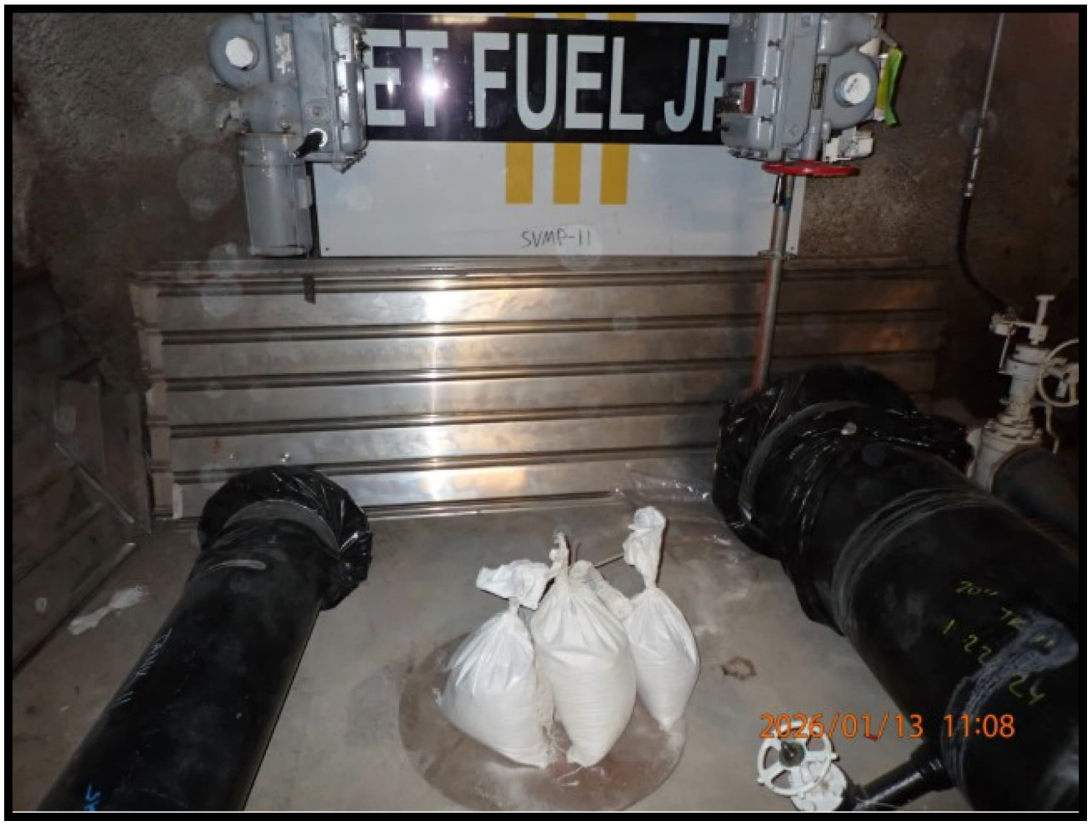

Photo 10. SVMP-11

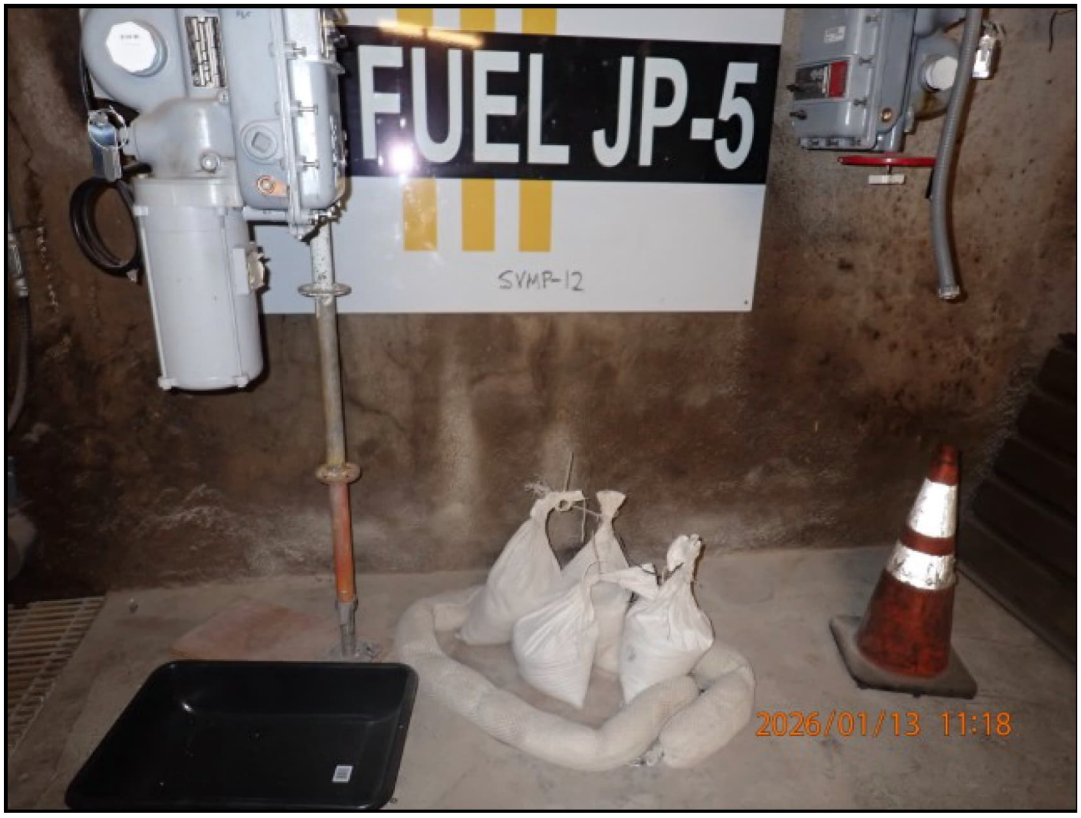

Photo 11. SVMP-12

Photo 12. SVMP-13

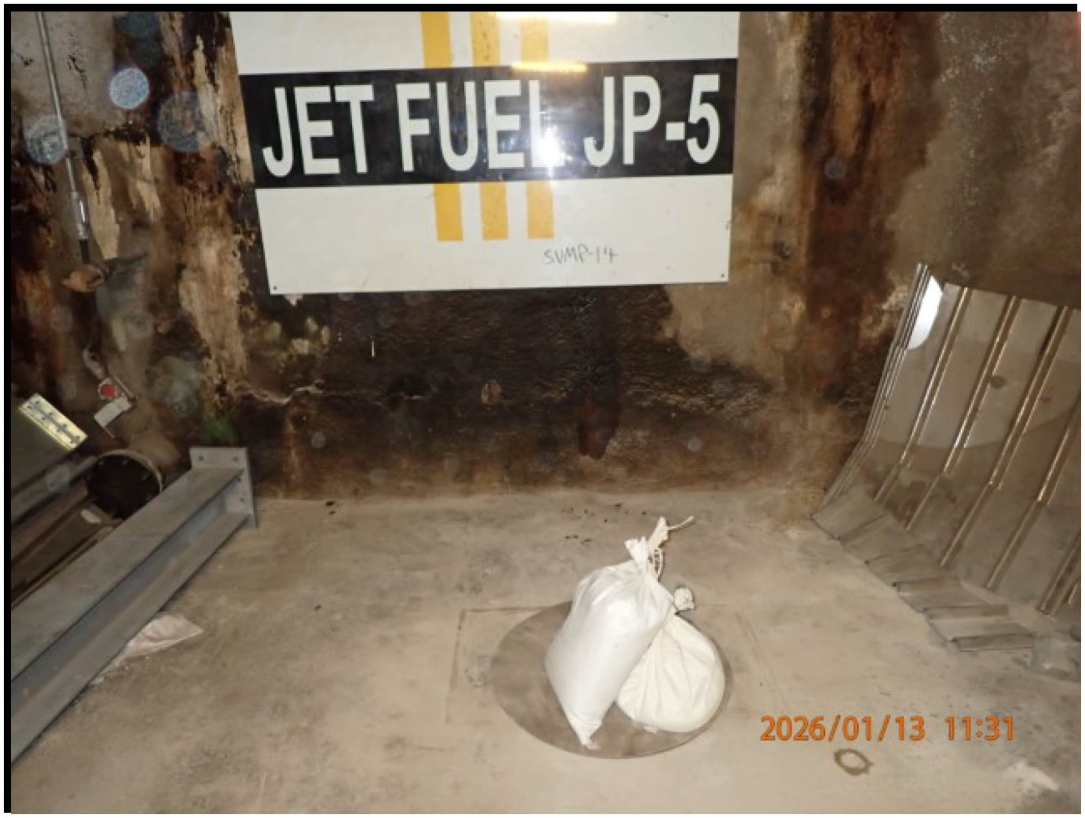

Photo 13. SVMP-14

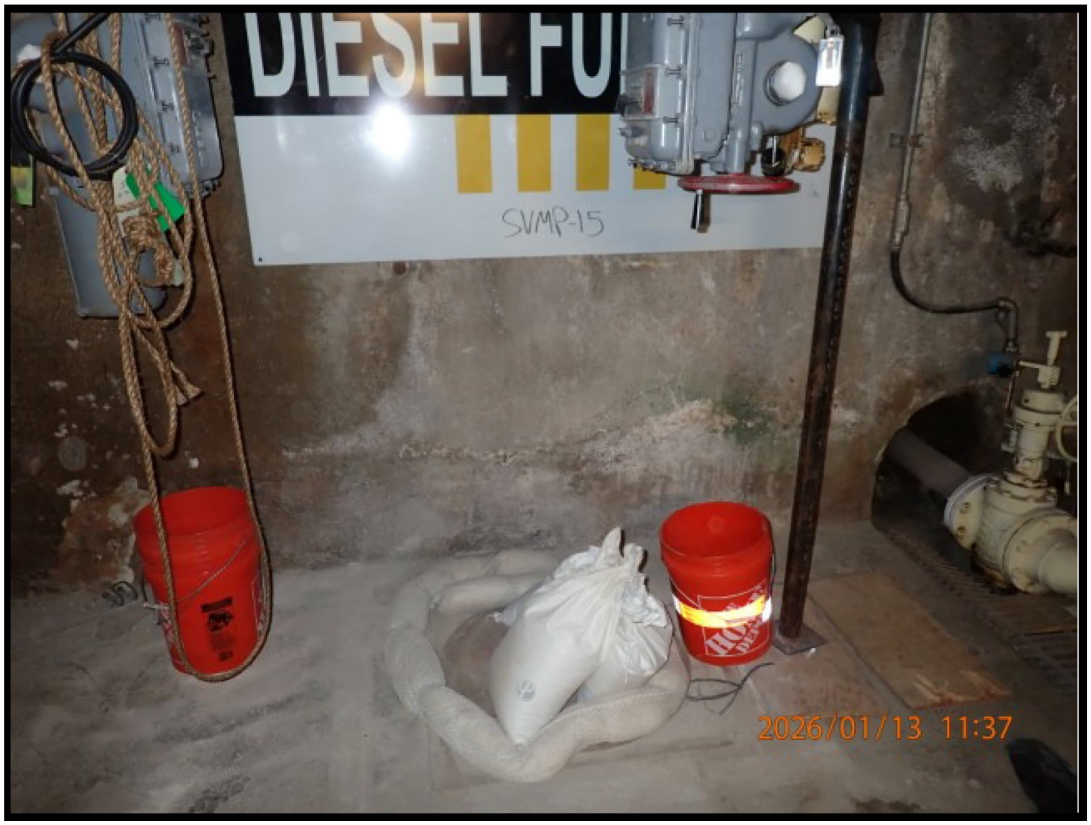

Photo 14. SVMP-15

Photo 15. SVMP-16

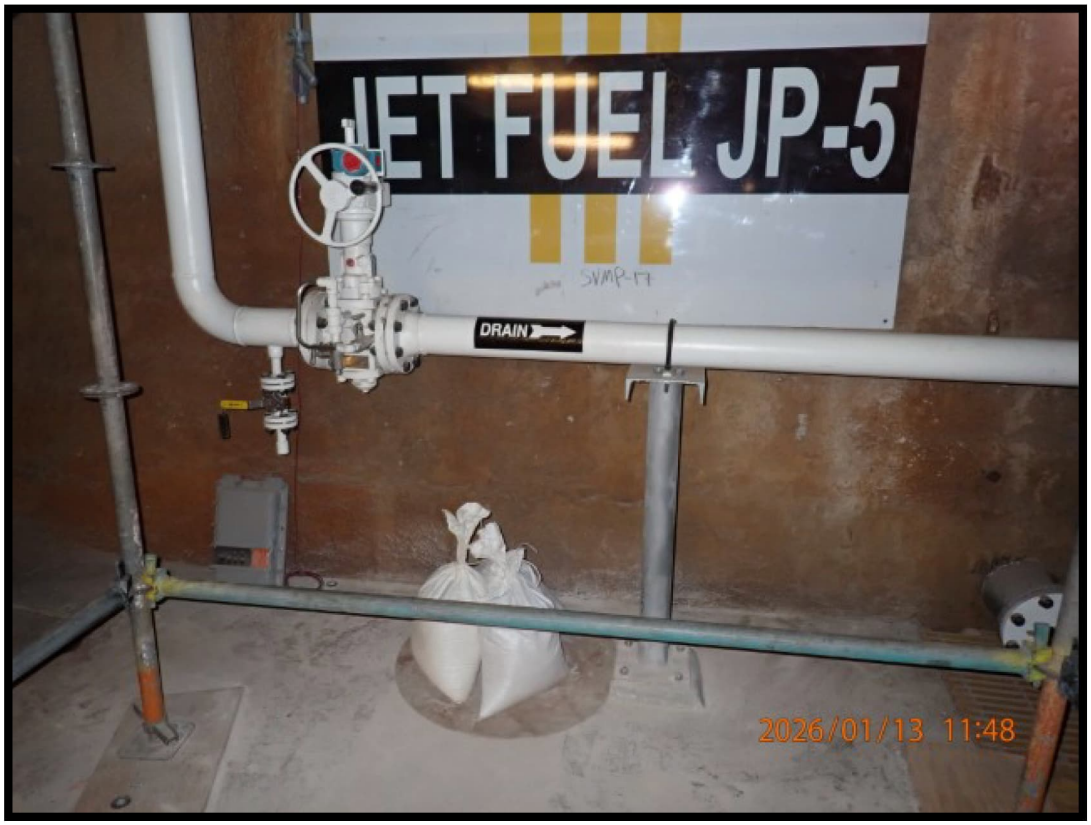

Photo 16. SVMP-17

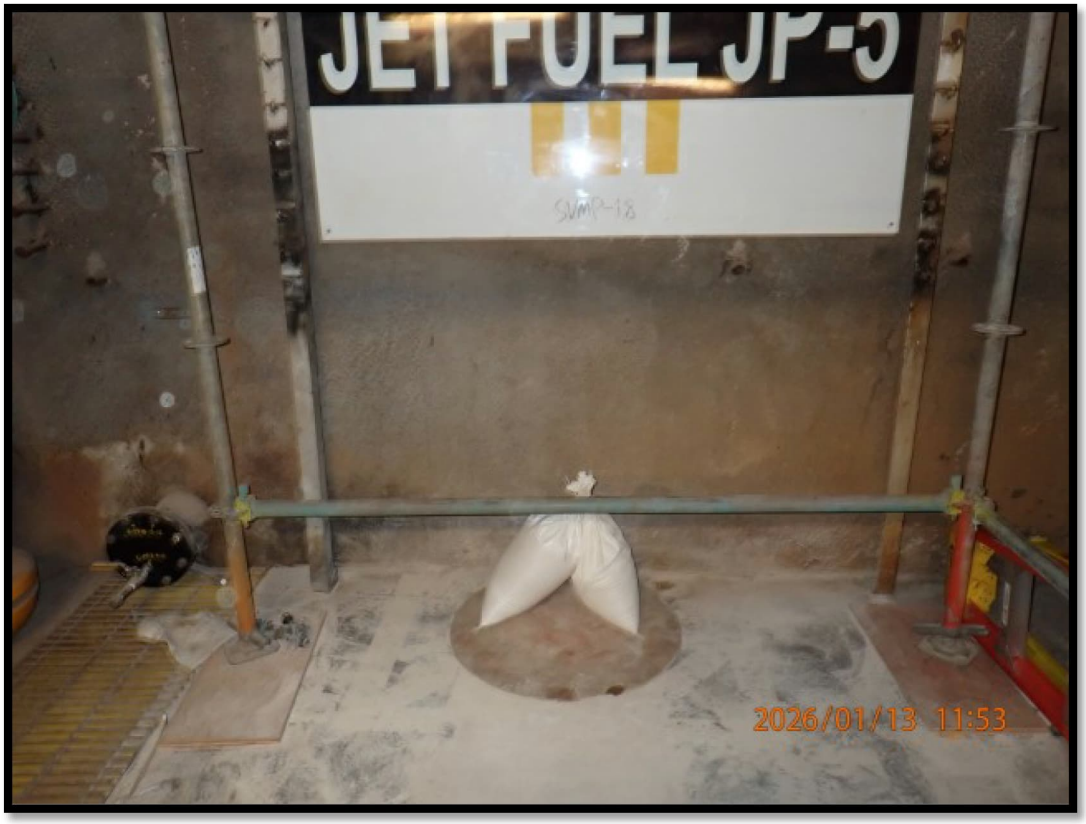

Photo 17. SVMP-18

Photo 18. SVMP-20