

7/7/26 Tuesday

Activity: Weekly

TEAM: [REDACTED]

Location: RHAFST

PPE: Level D

Ref: E2 HSP/MP, Navy PPM, EM3851-1

915 - Safety meeting, calibrate PID

935 - Arrive @ SUMP - 2

947 - Arrive @ SUMP - 3/4

1004 - Arrive @ SUMP - 5/6

1021 - Arrive @ SUMP - 7/8

1038 - Arrive @ SUMP - 9/10

1056 - Arrive @ SUMP - 11/12

cal check

1115 - Arrive @ SUMP - 13/14

1132 - Arrive @ SUMP - 15/16

1148 - Arrive @ SUMP - 17/18

1204 - Arrive @ SUMP - 20

1216 - Cal check

1220 - E2 demols

1225 - E2 off site

All sand bags and mats
were replaced



DAILY INSTRUMENT CALIBRATION LOG

Date: 7/7/26

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.) <u>or</u> Zeroing Gas (Manufacturer/Lot No./Exp.)	Calibration Reading (ppbv)	Pass? (Y/N)	
Gasco 304-402549/18-1 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 6/4/2029	10000	Y	
Calibration Pass Criteria*: (1) Zero calibration = ± 100 ppb, (2) Span Calibration= ± 3% (300 ppb)			

Temperature (°F) (measured from PID): 83

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)	
1056	" " "	9287	Y	@ 11/12
1216	" " "	9276	Y	@ 26
Calibration Check Pass Criteria*: Span Calibration Gas = $\pm 10\%$ (1,000 ppb)				

Date: 7/7/26

*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: 7/7/26

E2 Job No.: 210045

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

Location: RHBFSF, JBPHH, Hawaii

Personnel:

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			Reading Time	Background PID Reading	Notes
			1	2	3			
SV02 S _(C)	935	937	0	0	0	940	548	
SV02 M _(C)	935	937	0	0	0	940		
SV02 D _(C)	935	937	0	0	0	940		
SV03 S _(S)	949	950	145	108	130	952	796	
SV03 M _(S)	949	950	0	0	0	952		
SV03 D _(S)	949	950	0	0	0	952		
SV04 S _(S)	951	955	105	47	28	959	821	
SV04 M _(S)	953	955	41	20	18	959		
SV04 D _(S)	955	956	22	21	17	1000		
SV05 S _(S)	1006	1007	462	495	532	1011	1155	
SV05 M _(S)	1006	1007	983	937	923	1012		
SV05 D _(S)	1006	1007	387	353	332	1013		
SV06 S _(C)	1008	1013	1648	1661	2000	1017	1071	
SV06 M _(C)	1014	1016	495	372	303	1017		
SV07 S _(S)	1022	1023	408	287	215	1027	242	
SV07 M _(S)	1022	1023	117	84	65	1028		
SV07 D _(S)	1022	1023	124	108	97	1029		
SV08 S _(S)	1023	1027	176	118	97	1032	716	
SV08 M _(S)	1024	1027	159	127	99	1033		
SV08 D _(S)	1025	1031	123	90	20	1035		
SV09 S _(S)	1041	1042	0	0	0	1046	107	2 ↑
SV09 M _(S)	1041	1042	0	0	0	1047		
SV09 D _(S)	1041	1042	0	0	0	1048		
SV10 S _(C)	1047	1050	0	0	0	1050	59	
SV10 M/D _(C)	1047	1050	0	0	0	1053		

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 jet fuels (JP-5, F-24) is 50,000 ppbv and for marine diesel (F-76) is 8,000 ppbv.

Comments:

Date: _____

Soil Vapor Monitoring Log

SVMP No.	Purge Start Time	Sample Start Time	PID Reading ²			Reading Time	Background PID Reading	Notes
			1	2	3			
SV11 S _(C)	1100	1102	39	60	63	1104	90	
SV11 M/D _(C)	1100	1102	90	93	96	1105		
SV12 S _(C)	1104	1109	99	99	87	1108	163	↓↑
SV12 M _(C)	1104	1108	57	57	59	1110		
SV12 D _(C)	1106	1108	48	47	46	1111		
SV13 S _(S)	1117	1114	0	0	0	1122	72	
SV13 M _(S)	1117	1114	0	0	0	1122		
SV13 D _(S)	1117	1114	0	0	0	1124		
SV14 S _(C)	1123	1125	42	47	49	1128	175	
SV14 M _(C)	1123	1125	35	35	36	1129		
SV14 D _(C)	1126	1128	13	9	10	1131		
MD SV15 S _(S)	1137	1137	193	172	153	1140	487	
MD SV15 M _(S)								
MD SV15 D _(S)	1137	1137	116	104	97	1141		
MD SV16 S _(C)							139	
MD SV16 M _(C)	1137	1139	44	42	40	1144		
MD SV16 D _(C)	1140	1142	4	3	2	1144		
SV17 S _(S)	1150	1151	0	0	0	1156	161	
SV17 M _(S)	1150	1151	0	0	0	1157		
SV17 D _(S)	1150	1151	0	0	0	1157		
SV18 S _(S)	1152	1156	169	190	207	1159	460	
SV18 D _(S)	1153	1156	254	284	326	1200		
SV20 S _(S)	1208	1209	26	20	15	1212	230	
SV20 M _(S)	1208	1209	27	23	24	1213		
SV20 D _(S)	1208	1209	6	6	2	1214		

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) is 50,000 ppbv and for marine diesel (F-76) is 8,000 ppbv.

Comments:

07/07/2026 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