

3 March 2026

Activity: Weekly

Location: RHBRF

PPE: Level D

Ref: E2 WP/HSP Navy PPM EM 385-1-1

Weather: Rain

Team: [REDACTED]

0900 E2 arrive on site, Cal PID, Safety Brief
Arrive @ SVMP-02

0939 Arrive @ SVMP 02

0946 Arrive @ SVMP 03 + 04

10:05 Arrive @ SVMP 05 + 06

10:24 Arrive @ SVMP 07 + 08

1037 Arrive @ SVMP 09 + 10

1054 CAL CHECK PID

10:59 Arrive @ SVMP 11 + 12

1105 Arrive @ SVMP 13 + 14

1128 Arrive @ SVMP 15 + 16

1155 Arrive @ SVMP 17 + 18

1216 Arrive @ SVMP 20

1225 CAL CHECK PID

1227 E2 Demob + Exit Adits

★ ALL Sandbags + Mats replaced After
Sampling (E)



DAILY INSTRUMENT CALIBRATION LOG

Date: 3/3/26

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/304-402544/1181/10-03-26	0	Y	
Span Calibration			
Calibration Gas – 10 ppm, Isobutylene (Manufacturer/Lot No./Exp.)	Calibration Reading (ppbv)	Pass? (Y/N)	
geotech/24-1736/06-04-24	10.01 ppm	Y	

Calibration Pass Criteria*: (1) Zero calibration = ± 100 ppb, (2) Span Calibration = ± 3% (300 ppb)

Temperature (°F) (measured from PID): 73

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)	
10:54	geotech/24-1736/06-04-24	9609	Y	
12:25	" " "	9689	Y	

Calibration Check Pass Criteria*: Span Calibration Gas = ± 10% (1,000 ppb)

Date: 3/3/26

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

Soil Vapor Monitoring Log

Contract No.: <u>N62742-17-D-1802 CTO N6274221F0148</u>	Date: <u>3/3/26</u>
E2 Job No.: <u>210045</u>	
Project Title: <u>Long-Term Monitoring, Red Hill Bulk Fuel Storage Facility (RHBFSS)</u>	Location: <u>RHBFSS, JBPHH, Hawaii</u>
Personnel: <u>[REDACTED]</u>	
Instrument Model: <u>ppBRAE 3000 (PGM-7340)</u>	Serial No.: <u>594-906662</u>
Calibration: <u>per SOP (see Instrument Calibration Log)</u>	

SVMP No. (Material)	Purge Start Time	Sample Start Time	PID Reading ²			Reading Time	Background PID Reading	Notes
			1	2	3			
SV02 S _(C)	941	943	149	118	99	944	415	
SV02 M _(C)	941	943	148	106	92	945		
SV02 D _(C)	941	943	151	130	98	945		
SV03 S _(S)	0949	952	282	234	200	957	3549	
SV03 M _(S)	0949	952	256	401	280	957		
SV03 D _(S)	0949	952	308	283	212	957		
SV04 S _(S)	10:00	1002	189	171	158	10:03	651	
SV04 M _(S)	1000	1002	128	105	100	1004		
SV04 D _(S)	1000	1002	160	87	75	1004		
SV05 S _(S)	1007	1008	684	591	300	10:14	1934	
SV05 M _(S)	1007	1008	685	642	627	1014		
SV05 D _(S)	1007	1008	591	520	411	1014		
SV06 S _(C)	10:18	1020	2779	2995	3095	10:23	405	
SV06 M _(C)	1018	1020	908	702	587	1023		
SV07 S _(S)	1026	1027	188	186	182	1029	329	
SV07 M _(S)	1026	1027	155	146	145	1029		
SV07 D _(S)	1026	1027	183	177	174	1029		
SV08 S _(S)	1033	10:34	127	112	104	1035	357	
SV08 M _(S)	1033	1034	135	118	112	1036		
SV08 D _(S)	1033	1034	167	144	135	1036		
SV09 S _(S)	1040	1041	82	77	76	1044	196	
SV09 M _(S)	1040	1041	67	69	67	1044		
SV09 D _(S)	1040	1041	62	63	64	1044		
SV10 S _(C)	10:47	1049	72	71	71	1050	168	
SV10 M/D _(C)	1047	1049	79	65	64	1050		

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

Comments:

Date: 3/3/26

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)	11:00	11:02	131	141	145	11:03	236	
SV11 M/D _(C)	11:00	11:02	86	71	72	11:03		
SV12 S _(C)	11:04	11:06	208	210	211	11:07	277	
SV12 M _(C)	11:04	11:06	208	209	209	11:07		
SV12 D _(C)	11:04	11:06	177	190	192	11:07		
SV13 S _(S)	11:08	11:09	211	218	213	11:12	289	
SV13 M _(S)	11:08	11:09	186	188	188	11:12		
SV13 D _(S)	11:08	11:09	204	205	204	11:12		
SV14 S _(C)	11:15	11:17	210	212	213	11:18	280	
SV14 M _(C)	11:15	11:17	195	193	197	11:18		
SV14 D _(C)	11:15	11:17	215	212	213	11:18		
MD SV15 S _(S)	11:45	11:46	152	150	150	11:48	289	
MD SV15 M _(S)	11:45	11:46	152	150	150	11:48		
MD SV15 D _(S)	11:45	11:46	172	166	165	11:48		
MD SV16 S _(C)	11:30	11:32	134	133	134	11:38	289	
MD SV16 M _(C)	11:30	11:32	134	133	134	11:38		
MD SV16 D _(C)	11:30	11:32	132	136	125	11:38		
SV17 S _(S)	11:57	11:58	156	153	143	12:05	257	
SV17 M _(S)	11:57	11:58	191	185	173	12:05		
SV17 D _(S)	11:57	11:58	134	127	128	12:05		
SV18 S _(S)	12:07	12:09	339	341	357	12:16	273	
SV18 D _(S)	12:07	12:09	311	454	630	12:15		
SV20 S _(S)	12:18	12:19	212	202	195	12:22	346	
SV20 M _(S)	12:18	12:19	190	190	186	12:22		
SV20 D _(S)	12:18	12:19	190	187	174	12:22		

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:

03/03/2026 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