

Tank Battery Closure Checklist 2

Additional Attachments (Optional)	Partially Buried Vault Closure
Site Name & COGCC Facility Number	Megan H 16-33 O SA
Remediation Project #	27095
Date	04/18/2023
Site Information	
Associated Wells	
Location	
Latitude	40.222002
Longitude	-104.673219
General Condition of Site	Good
USCS Soil Type	Sandy Clay / Sandy Clay
Estimated Depth to Groundwater	<20'
Hydrocarbon Impacted Soils / Spills	Yes
Salt Crusted Soils or Impacted Vegetation	None observed

Soil Samples

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Other Visual	Olfactory	Other Olfactory	Equipment Type	Other Equipment Type
R1	04/18/2023	10:33 AM	AST-B01@3"	6.8	N.S		N.O		Aboveground Storage Tank	
R2	04/18/2023	10:35 AM	AST-B02@3"	4.0	N.S		N.O		Aboveground Storage Tank	
R3	04/18/2023	10:36 AM	AST-B03@3"	3.9	N.S		N.O		Aboveground Storage Tank	
R4	04/18/2023	10:37 AM	AST-B04@3"	3.7	N.S		N.O		Aboveground Storage Tank	
R5	04/18/2023	10:38 AM	AST-B05@3"	3.4	N.S		N.O		Aboveground Storage Tank	
R6	04/18/2023	10:39 AM	AST-B06@3"	1.9	N.S		N.O		Aboveground Storage Tank	
R7	04/25/2023	03:00 PM	PW-B01@5'	5133	HC Staining		HC Odor		Produced Water Tank	
R8	04/25/2023	03:02 PM	PW-N01@2.5'	1131	HC Staining		HC Odor		Produced Water Tank	
R9	04/25/2023	03:04 PM	PW-S01@2.5'	1587	HC Staining		HC Odor		Produced Water Tank	
R10	04/25/2023	03:06 PM	PW-E01@2.5'	4322	HC Staining		HC Odor		Produced Water Tank	
R11	04/25/2023	03:08 PM	PW-	1204	Slight HC		HC		Produced Water	

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Other Visual	Olfactory	Other Olfactory	Equipment Type	Other Equipment Type
	2023	PM	W01@2.5'		Staining		Odor		Tank	
R12	04/26/2023	02:53 PM	SEP-B01@4'	16.2	N.S		N.O		Separator	
R13	04/26/2023	02:55 PM	SEP-B02@4'	19.7	N.S		N.O		Separator	
R14	04/26/2023	02:57 PM	MH-B01@3"	1.0	N.S		N.O		Meter House	
R15	04/26/2023	02:59 PM	MH-B02@3"	0.7	N.S		N.O		Meter House	
R16	04/26/2023	03:00 PM	MH-B03@3"	0.9	N.S		N.O		Meter House	
R17	04/26/2023	03:01 PM	ECD-B01@3"	1.1	N.S		N.O		Emissions Control Device	
R18	05/02/2023	14:26	DL-B01@3'	3.6	N.S		N.O		Dump Line	
R19	05/02/2023	14:28	DL-B02@3'	1.0	N.S		N.O		Dump Line	
R20	05/02/2023	14:39	PW-BG01@3'	1.1	N.S		N.O		Background	
R21	05/02/2023	14:41	PW-BG01@6'	1.1	N.S		N.O		Background	
R22	05/02/2023	14:43	PW-BG02@3'	1.2	N.S		N.O		Background	
R23	05/02/2023	14:45	PW-BG02@6'	1.0	N.S		N.O		Background	
R24	05/02/2023	14:47	PW-BG03@3'	0.7	N.S		N.O		Background	
R25	05/02/2023	14:49	PW-BG03@6'	1.0	N.S		N.O		Background	
R26	05/02/2023	14:51	PW-BG04@3'	0.8	N.S		N.O		Background	
R27	05/02/2023	14:53	PW-BG04@6'	1.2	N.S		N.O		Background	
R28	05/17/2023	14:50	PW-B02@8'	1275	HC Staining		HC Odor		Produced Water Tank	
R29	05/17/2023	14:52	PW-B03@8'	520	N.S		HC Odor		Produced Water Tank	
R30	05/17/2023	14:56	PW-B04@8'	670	N.S		HC Odor		Produced Water Tank	
R31	05/17/2023	14:58	PW-B05@8'	106	N.S		HC Odor		Produced Water Tank	
R32	05/17/2023	15:00	PW-N02@2.5'	40.0	N.S		Slight HC Odor		Produced Water Tank	
R33	05/17/2023	15:02	PW-N02@5'	12.5	N.S		N.O		Produced Water	

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Other Visual	Olfactory	Other Olfactory	Equipment Type	Other Equipment Type
	2023								Tank	
R34	05/17/2023	15:04	PW-N03@2.5'	78.7	N.S		HC Odor		Produced Water Tank	
R35	05/17/2023	15:06	PW-N03@5'	1260	HC Staining		HC Odor		Produced Water Tank	
R36	05/17/2023	15:08	PW-N04@2.5'	122.1	N.S		HC Odor		Produced Water Tank	
R37	05/17/2023	15:10	PW-N04@5'	41.5	N.S		HC Odor		Produced Water Tank	
R38	05/17/2023	15:12	PW-N05@2.5'	6.4	N.S		N.O		Produced Water Tank	
R39	05/17/2023	15:14	PW-N05@2.5'	40.7	N.S		Slight HC Odor		Produced Water Tank	
R40	05/17/2023	15:16	PW-S02@2.5'	201.3	N.S		HC Odor		Produced Water Tank	
R41	05/17/2023	15:18	PW-S02@5'	5.6	N.S		N.O		Produced Water Tank	
R42	05/17/2023	15:20	PW-S03@2.5'	167.0	N.S		HC Odor		Produced Water Tank	
R43	05/17/2023	15:22	PW-S03@5'	161.1			HC Odor		Produced Water Tank	
R44	05/17/2023	15:24	PW-S04@2.5'	5.0	N.S		N.O		Produced Water Tank	
R45	05/17/2023	15:26	PW-S04@5'	2.2	N.S		N.O		Produced Water Tank	
R46	05/17/2023	15:28	PW-S05@2.5'	1.5	N.S		N.O		Produced Water Tank	
R47	05/17/2023	15:30	PW-S05@5'	1.7	N.S		N.O		Produced Water Tank	
R48	05/17/2023	15:32	PW-E02@2.5'	5.5	N.S		N.O		Produced Water Tank	
R49	05/17/2023	15:34	PW-E02@5'	1.3	N.S		N.O		Produced Water Tank	
R50	05/17/2023	15:36	PW-E03@2.5'	1.0	N.S		N.O		Produced Water Tank	
R51	05/17/2023	15:38	PW-E03@5'	0.8	N.S		N.O		Produced Water Tank	
R52	05/17/2023	15:40	PW-W02@2.5'	5.1	N.S		N.O		Produced Water Tank	
R53	05/17/2023	15:42	PW-W02@5'	3.8	N.S		N.O		Produced Water Tank	
R54	05/17/2023	15:44	PW-W03@2.5'	11.1	N.S		N.O		Produced Water Tank	
R55	05/17/	15:46	PW-	1.0	N.S		N.O			

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Other Visual	Olfactory	Other Olfactory	Equipment Type	Other Equipment Type
	2023		W03@5'							
R56	05/24/2023	12:50 PM	PW-N02@8'	51.3	N.S		Slight HC Odor		Produced Water Tank	
R57	05/24/2023	01:11 PM	FL-N03@8'	514.2	N.S		HC Odor		Produced Water Tank	
R58	05/24/2023	01:12 PM	PW-N04@8'	7.1	N.S		N.O		Produced Water Tank	
R59	05/24/2023	01:15 PM	PW-N05@8'	23.1	N.S		N.O		Produced Water Tank	
R60	05/24/2023	01:14 PM	PW-S02@8'	7.8	N.S		N.O		Produced Water Tank	
R61	05/24/2023	01:13 PM	PW-S06@2.5'	63.7	N.S		Slight HC Odor		Produced Water Tank	
R62	05/24/2023	01:17 PM	PW-S03@8'	258.9	Slight HC Staining		HC Odor		Produced Water Tank	
R63	05/24/2023	01:18 PM	PW-S04@8'	13.7	N.S		N.O		Produced Water Tank	
R64	05/24/2023	01:19 PM	PW-S05@8'	3.2	N.S		N.O		Produced Water Tank	
R65	05/24/2023	01:23 PM	PW-E02@8'	455.4	N.S		Other		Produced Water Tank	
R66	05/24/2023	01:24 PM	PW-E03@8'	251.3	N.S		HC Odor		Produced Water Tank	
R67	05/24/2023	01:25 PM	PW-W02@8'	7.1	N.S		N.O		Produced Water Tank	
R68	05/24/2023	01:26 PM	PW-W03@8'	4.0	N.S		N.O		Produced Water Tank	
R69	05/24/2023	01:20 PM	PW-B06@10'	551.6	Slight HC Staining		HC Odor		Produced Water Tank	
R70	05/24/2023	01:21 PM	PW-B07@10'	1143	Slight HC Staining		HC Odor		Produced Water Tank	
R71	05/24/2023	01:22 PM	PW-B08@10'	114.2	Slight HC Staining		HC Odor		Produced Water Tank	
R72	05/24/2023	01:09 PM	PW-N06@5'	11.4	N.S		Slight HC Odor		Produced Water Tank	
R73	05/31/2023	10:32 AM	PW-B10@12'	138.6	Slight HC Staining		Slight HC Odor		Produced Water Tank	
R74	05/31/2023	10:34 AM	PW-B11@12'	584.8	Slight HC Staining		Slight HC Odor		Produced Water Tank	
R75	05/31/2023	10:36 AM	PW-N02@10'	444.8	N.S		Slight HC		Produced Water Tank	

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Other Visual	Olfactory	Other Olfactory	Equipment Type	Other Equipment Type
							Odor			
R76	05/31/2023	10:38 AM	PW-N03@9'	13.1	N.S		N.O		Produced Water Tank	
R77	05/31/2023	10:40 AM	PW-S02@10'	154.8	N.S		HC Odor		Produced Water Tank	
R78	05/31/2023	10:42 AM	PW-S03@10'	1398	Slight HC Staining		HC Odor		Produced Water Tank	
R79	05/31/2023	10:44 AM	PW-E02@8'	11.4	N.S		N.O		Produced Water Tank	
R80	05/31/2023	10:46 AM	PW-E03@8'	6.8	N.S		N.O		Produced Water Tank	
R81	05/31/2023	10:48 AM	PW-W02@10'	17.3	N.S		N.O		Produced Water Tank	
R82	05/31/2023	10:50 AM	PW-W03@10'	58.5	N.S		N.O		Produced Water Tank	
R83	05/31/2023	10:30 AM	PW-B09@12'	1069	HC Staining		HC Odor		Produced Water Tank	
R84	05/31/2023	10:30 AM	PW-B09@12'	1069	HC Staining		HC Odor		Produced Water Tank	
R85	06/14/2023	04:15 PM	PW-B12@16'	622.8	HC Staining		HC Odor		Produced Water Tank	
R86	06/14/2023	04:17 PM	PW-B13@16'	580.2	HC Staining		HC Odor		Produced Water Tank	
R87	06/14/2023	04:19 PM	PW-B14@16'	2572	HC Staining		HC Odor		Produced Water Tank	
R88	06/15/2023	08:40 AM	PW-N06@8'	89.4	N.S		Slight HC Odor		Produced Water Tank	
R89	06/15/2023	08:42 AM	PW-N06@13'	40.2	N.S		Slight HC Odor		Produced Water Tank	
R90	06/15/2023	08:44 AM	PW-N07@12'	48.7	N.S		Slight HC Odor		Produced Water Tank	
R91	06/15/2023	08:46 AM	PW-N08@12'	199.6	Slight HC Staining		HC Odor		Produced Water Tank	
R92	06/15/2023	08:48 AM	PW-N09@8'	3.0	N.S		N.O		Produced Water Tank	
R93	06/15/2023	08:50 AM	PW-S06@6'	116.1	Slight HC Staining		Slight HC Odor		Produced Water Tank	
R94	06/15/2023	08:52 AM	PW-S06@13'	4.1	N.S		N.O		Produced Water Tank	
R95	06/15/2023	08:54 AM	PW-S07@12'	6.3	N.S		N.O		Produced Water Tank	
R96	06/15/	08:56	PW-	3.2	N.S		N.O		Produced Water	

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Other Visual	Olfactory	Other Olfactory	Equipment Type	Other Equipment Type
	2023	AM	S08@10'						Tank	
R97	06/15/2023	08:58 AM	PW-S08@14'	3.6	N.S		N.O		Produced Water Tank	
R98	06/15/2023	09:00 AM	PW-S09@10'	2.8	N.S		N.O		Produced Water Tank	
R99	06/15/2023	09:02 AM	PW-S09@14'	4.0	N.S		N.O		Produced Water Tank	
R100	06/15/2023	09:04 AM	PW-W04@6'	3.0	N.S		N.O		Produced Water Tank	
R101	06/15/2023	09:06 AM	PW-W04@13'	225.8	HC Staining		HC Odor		Produced Water Tank	
R102	06/15/2023	09:08 AM	PW-W05@10'	5.2	N.S		N.O		Produced Water Tank	
R103	06/15/2023	09:10 AM	PW-W05@14'	110.3	Slight HC Staining		HC Odor		Produced Water Tank	
R104	06/15/2023	09:12 AM	PW-W06@13'	46.5	N.S		Slight HC Odor		Produced Water Tank	
R105	06/15/2023	09:14 AM	PW-W07@6'	117.5	Slight HC Staining		HC Odor		Produced Water Tank	
R106	06/15/2023	09:16 AM	PW-W07@13'	150.8	Slight HC Staining		HC Odor		Produced Water Tank	
R107	06/15/2023	09:18 AM	PW-B15@16'	30.2	N.S		Slight HC Odor		Produced Water Tank	
R108	06/15/2023	09:20 AM	PW-B16@16'	310.8	HC Staining		HC Odor		Produced Water Tank	
R109	06/15/2023	09:22 AM	PW-B17@10'	11.7	N.S		N.O		Produced Water Tank	
R110	06/15/2023	09:24 AM	PW-BG05@16'	5.4	N.S		N.O		Background	
R111	06/15/2023	09:26 AM	PW-BG06@16'	3.1	N.S		N.O		Background	
R112	06/28/2023	11:10 AM	PW-B18@18'	1674	Slight HC Staining		HC Odor		Produced Water Tank	
R113	06/28/2023	11:12 AM	PW-B19@19'	614.3	Slight HC Staining		Slight HC Odor		Produced Water Tank	
R114	06/28/2023	11:14 AM	PW-B20@19'	1371	HC Staining		HC Odor		Produced Water Tank	
R115	07/12/2023	11:52 AM	PW-S10@8'	0.1	N.S		N.O		Produced Water Tank	
R116	07/12/2023	11:54 AM	PW-S10@14'	0.2	N.S		N.O		Produced Water Tank	
R117	07/12/2023	11:56 AM	PW-S10@19'	36.4	N.S		Slight HC		Produced Water Tank	

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Other Visual	Olfactory	Other Olfactory	Equipment Type	Other Equipment Type
							Odor			
R118	07/12/2023	11:58 AM	PW-S11@8'	0.8	N.S		N.O		Produced Water Tank	
R119	07/12/2023	12:00 PM	PW-S11@14'	1.1	N.S		N.O		Produced Water Tank	
R120	07/12/2023	12:02 PM	PW-S11@19'	27.7	Slight HC Staining		Slight HC Odor		Produced Water Tank	
R121	07/12/2023	12:04 PM	PW-S12@8'	0.6	N.S		N.O		Produced Water Tank	
R122	07/12/2023	12:06 PM	PW-S12@14'	0.5	N.S		N.O		Produced Water Tank	
R123	07/12/2023	12:08 PM	PW-S12@19'	0.6	N.S		N.O		Produced Water Tank	
R124	07/12/2023	12:10 PM	PW-S13@8'	0.4	N.S		N.O		Produced Water Tank	
R125	07/12/2023	12:12 PM	PW-S13@14'	0.4	N.S		N.O		Produced Water Tank	
R126	07/12/2023	12:14 PM	PW-S13@19'	0.6	N.S		N.O		Produced Water Tank	
R127	07/12/2023	12:16 PM	PW-S14@8'	0.4	N.S		N.O		Produced Water Tank	
R128	07/12/2023	12:16 PM	PW-S14@14'	0.1	N.S		N.O		Produced Water Tank	
R129	07/12/2023	12:18 PM	PW-S14@19'	29.3	HC Staining		HC Odor		Produced Water Tank	
R130	07/12/2023	12:20 PM	PW-S15@8'	0.6	N.S		N.O		Produced Water Tank	
R131	07/12/2023	12:22 PM	PW-S15@14'	0.5	N.S		N.O		Produced Water Tank	
R132	07/12/2023	12:24 PM	PW-S15@19'	6.8	N.S		N.O		Produced Water Tank	
R133	07/12/2023	12:26 PM	PW-N08@8'	26.8	Slight HC Staining		Slight HC Odor		Produced Water Tank	
R134	07/12/2023	12:28 PM	PW-N08@14'	324.8	HC Staining		HC Odor		Produced Water Tank	
R135	07/12/2023	12:30 PM	PW-N08@19'	1673	HC Staining		HC Odor		Produced Water Tank	
R136	07/12/2023	12:32 PM	PW-B21@20'	0.8	N.S		N.O		Produced Water Tank	
R137	07/12/2023	12:34 PM	PW-B22@20'	0.6	N.S		N.O		Produced Water Tank	
R138	07/12/2023	12:36 PM	PW-B23@20'	1.5	N.S		N.O		Produced Water Tank	

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R139	07/12/2023	12:38 PM	PW-B24@20'	0.5	N.S		N.O		Produced Water Tank	
R140	07/12/2023	12:40 PM	PW-B25@20'	8.6	Slight HC Staining		Slight HC Odor		Produced Water Tank	
R141	09/11/2023	08:30 AM	PW-B21-01@20'	6.2	N.S		N.O		Produced Water Tank	
R142	09/11/2023	08:32 AM	PW-B22-01@20'	5.8	N.S		N.O		Produced Water Tank	
R143	09/11/2023	08:34 AM	PW-B24-01@20'	216	Slight HC Staining		Slight HC Odor		Produced Water Tank	
R144	09/11/2023	08:36 AM	PW-N10@14'	0.5	N.S		N.O		Produced Water Tank	
R145	09/11/2023	08:38 AM	PW-N10@19'	342	Slight HC Staining		HC Odor		Produced Water Tank	
R146	09/11/2023	08:40 AM	PW-N11@12'	0.4	N.S		N.O		Produced Water Tank	
R147	09/11/2023	08:42 AM	PW-N11@19'	513	Slight HC Staining		HC Odor		Produced Water Tank	
R148	09/11/2023	08:44 AM	PW-N12@12'	0.8	N.S		N.O		Produced Water Tank	
R149	09/11/2023	08:46 AM	PW-N12@19'	1017	HC Staining		HC Odor		Produced Water Tank	
R150	09/11/2023	08:48 AM	PW-W08@10'	0.6	N.S		N.O		Produced Water Tank	
R151	09/11/2023	08:50 AM	PW-W08@15'	0.7	N.S		N.O		Produced Water Tank	
R152	09/11/2023	08:52 AM	PW-W09@10'	1.5	N.S		N.O		Produced Water Tank	
R153	09/11/2023	08:54 AM	PW-W09@15'	0.8	N.S		N.O		Produced Water Tank	
R154	09/11/2023	08:56 AM	PW-W10@10'	0.9	N.S		N.O		Produced Water Tank	
R155	09/11/2023	08:58 AM	PW-W10@15'	1.1	N.S		N.O		Produced Water Tank	
R156	09/11/2023	09:00 AM	PW-W11@10'	1.0	N.S		N.O		Produced Water Tank	
R157	09/11/2023	09:02 AM	PW-W11@15'	1770	HC Staining		HC Odor		Produced Water Tank	
R158	09/11/2023	09:04 AM	PW-BG07@8'	0.5	N.S		N.O		Background	
R159	09/11/2023	09:06 AM	PW-BG07@14'	0.3	N.S		N.O		Background	
R160	09/11/2023	09:08 AM	PW-BG07@20'	0.4	N.S		N.O		Background	

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Other Visual	Olfactory	Other Olfactory	Equipment Type	Other Equipment Type
R161	09/11/2023	09:10 AM	PW-BG08@8'	0.3	N.S		N.O		Background	
R162	09/11/2023	09:12 AM	PW-BG08@14'	0.7	N.S		N.O		Background	
R163	09/11/2023	09:14 AM	PW-BG08@20'	0.4	N.S		N.O		Background	
R164	09/11/2023	09:45 AM	PW-BG09@8'	2.4	N.S		N.O		Background	
R165	09/11/2023	09:47 AM	PW-BG09@14'	2.6	N.S		N.O		Background	
R166	09/11/2023	09:49 AM	PW-BG09@20'	3.4	N.S		N.O		Background	
R167	10/02/2023	11:43 AM	PW-S16@14'	2.4	N.S		N.O		Produced Water Tank	
R168	10/02/2023	11:45 AM	PW-S16@19'	1.9	N.S		N.O		Produced Water Tank	
R169	10/02/2023	11:49 AM	PW-S17@14'	3.7	N.S		N.O		Produced Water Tank	
R170	10/02/2023	11:51 AM	PW-S17@19'	3.5	N.S		N.O		Produced Water Tank	
R171	10/02/2023	11:53 AM	PW-S18@14'	1.1	N.S		N.O		Produced Water Tank	
R172	10/02/2023	11:55 AM	PW-S18@19'	4.1	N.S		N.O		Produced Water Tank	
R173	10/02/2023	11:57 AM	PW-S19@14'	1.3	N.S		N.O		Produced Water Tank	
R174	10/02/2023	11:59 AM	PW-S19@19'	2.0	N.S		N.O		Produced Water Tank	
R175	10/02/2023	12:01 AM	PW-S20@14'	4.1	N.S		N.O		Produced Water Tank	
R176	10/02/2023	12:03 AM	PW-S20@19'	3.9	N.S		N.O		Produced Water Tank	
R177	10/02/2023	12:07 AM	PW-N13@12'	2.8	N.S		N.O		Produced Water Tank	
R178	10/02/2023	12:09 AM	PW-N14@14'	2.7	N.S		N.O		Produced Water Tank	
R179	10/02/2023	12:11 AM	PW-N15@14'	3.0	N.S		N.O		Produced Water Tank	
R180	10/02/2023	12:13 AM	PW-W12@10'	2.6	N.S		N.O		Produced Water Tank	
R181	10/02/2023	12:15 AM	PW-W@15'	3.1	N.S		N.O		Produced Water Tank	
R182	10/23/2023	09:00 AM	PW-N16@14'	1.8	N.S		N.O		Produced Water Tank	
R183	10/23/2023	09:02 AM	PW-	1.4	N.S		N.O		Produced Water	

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Other Visual	Olfactory	Other Olfactory	Equipment Type	Other Equipment Type
	2023	AM	N17@14'						Tank	
R184	10/23/2023	09:04 AM	PW-N18@12'	4.0	N.S		N.O		Produced Water Tank	
R185	10/23/2023	09:06 AM	PW-N19@12'	1.7	N.S		N.O		Produced Water Tank	
R186	10/23/2023	09:08 AM	PW-S21@14'	1.0	N.S		N.O		Produced Water Tank	
R187	10/23/2023	09:10 AM	PW-S21@19'	1087	HC Staining		HC Odor		Produced Water Tank	
R188	10/23/2023	09:12 AM	PW-S22@14'	0.6	N.S		N.O		Produced Water Tank	
R189	10/23/2023	09:14 AM	PW-S22@19'	68.1	N.S		Slight HC Odor		Produced Water Tank	
R190	10/23/2023	09:16 AM	PW-S23@14'	1.3	N.S		N.O		Produced Water Tank	
R191	10/23/2023	09:18 AM	PW-S23@19'	2.0	N.S		N.O		Produced Water Tank	
R192	10/23/2023	09:20 AM	PW-S24@19'	0.7	N.S		N.O		Produced Water Tank	
R193	10/23/2023	09:22 AM	PW-S25@19'	0.5	N.S		N.O		Produced Water Tank	
R194	10/23/2023	09:24 AM	PW-S26@19'	0.6	N.S		N.O		Produced Water Tank	
R195	10/23/2023	09:26 AM	PW-W13@10'	2.6	N.S		N.O		Produced Water Tank	
R196	10/23/2023	09:28 AM	PW-W13@15'	1.1	N.S		N.O		Produced Water Tank	
R197	10/23/2023	09:30 AM	PW-W14@10'	0.7	N.S		N.O		Produced Water Tank	
R198	10/23/2023	09:32 AM	PW-W14@15'	0.6	N.S		N.O		Produced Water Tank	
R199	10/23/2023	09:34 AM	PW-W15@10'	2.0	N.S		N.O		Produced Water Tank	
R200	10/23/2023	09:36 AM	PW-W15@15'	2.5	N.S		N.O		Produced Water Tank	
R201	11/07/2023	11:00 AM	PW-N20@14'	2.0	N.S		N.O		Produced Water Tank	
R202	11/07/2023	11:10 AM	PW-W16@10'	1.5	N.S		N.O		Produced Water Tank	
R203	11/07/2023	11:30 AM	PW-B26@21'	327.8	HC Staining		HC Odor		Produced Water Tank	
R204	11/07/2023	11:32 AM	PW-B26@22'	102.6	N.S		N.O		Produced Water Tank	
R205	03/01/	09:30	PW-	1754	HC		HC		Produced Water	

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Other Visual	Olfactory	Other Olfactory	Equipment Type	Other Equipment Type
	2024	AM	B27@30'		Staining		Odor		Tank	
R206	03/11/2024	09:10 AM	PW-B28 @ 35'	1316	HC Staining		HC Odor		Produced Water Tank	
R207	03/20/2024	02:00 PM	PW-E04 @ 12'	18.1	N.S		Slight HC Odor		Produced Water Tank	
R208	03/20/2024	02:02 PM	PW-E05 @ 15'	0.9	N.S		N.O		Produced Water Tank	
R209	03/20/2024	02:08 PM	PW-E06 @ 15'	1.5	N.S		N.O		Produced Water Tank	
R210	03/20/2024	02:10 PM	PW-E07 @ 15'	2.0	N.S		N.O		Produced Water Tank	
R211	03/20/2024	02:12 PM	PW-E08 @ 15'	11.6	N.S		Slight HC Odor		Produced Water Tank	
R212	03/20/2024	02:14 PM	PW-E09 @ 12'	1924	HC Staining		HC Odor		Produced Water Tank	
R213	03/20/2024	02:20 PM	PW-E10 @ 12'	7.3	N.S		N.O		Produced Water Tank	
R214	03/20/2024	02:22 PM	PW-E11 @ 12'	14.7	N.S		Slight HC Odor		Produced Water Tank	
R215	03/20/2024	02:24 PM	PW-E12 @ 25'	7.9	N.S		N.O		Produced Water Tank	
R216	03/20/2024	02:30 PM	PW-E13 @ 15'	281.1	HC Staining		HC Odor		Produced Water Tank	
R217	03/20/2024	02:32 PM	PW-S27 @ 25'	0.2	N.S		N.O		Produced Water Tank	
R218	03/20/2024	02:40 PM	PW-W17 @ 25'	0.0	N.S		N.O		Produced Water Tank	
R219	03/20/2024	02:42 PM	PW-N22 @ 25'	17.7	N.S		N.O		Produced Water Tank	
R220	03/20/2024	02:50 PM	PW-N21 @ 10'	0.2	N.S		N.O		Produced Water Tank	
R221	03/21/2024	02:25 PM	PW-B29 @ 35'	1044	HC Staining		HC Odor		Produced Water Tank	
R222	03/22/2024	02:45 PM	PW-E14 @ 33'	0.8	N.S		N.O		Produced Water Tank	

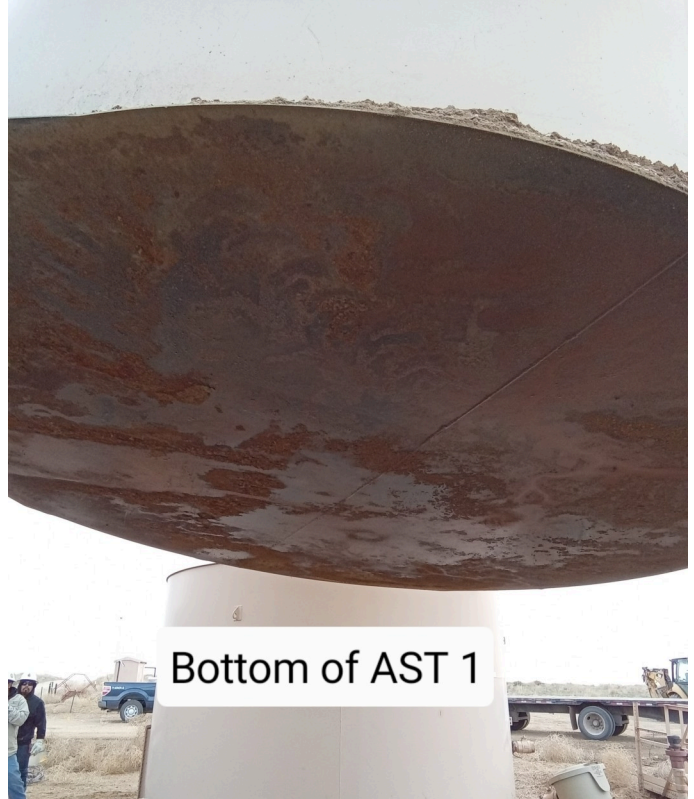
Photo(s)

R1 - P1



Looking south

R2 - P1



Looking south

R3 - P1



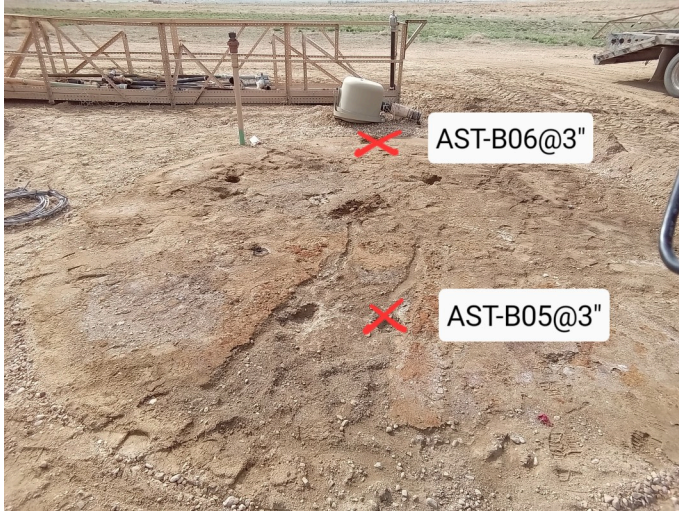
Looking south

R4 - P1



Looking south

R5 - P1



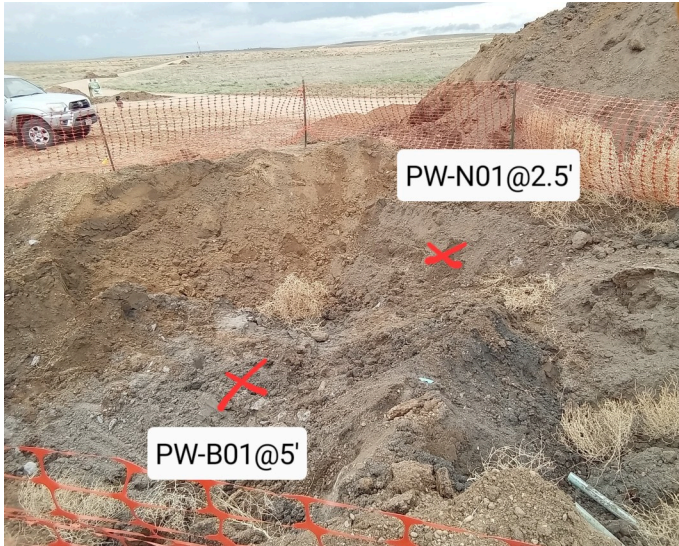
Looking south

R6 - P1



Looking south

R7 - P1



Looking south

R9 - P1



Looking south

R10 - P1



Looking south

R11 - P1



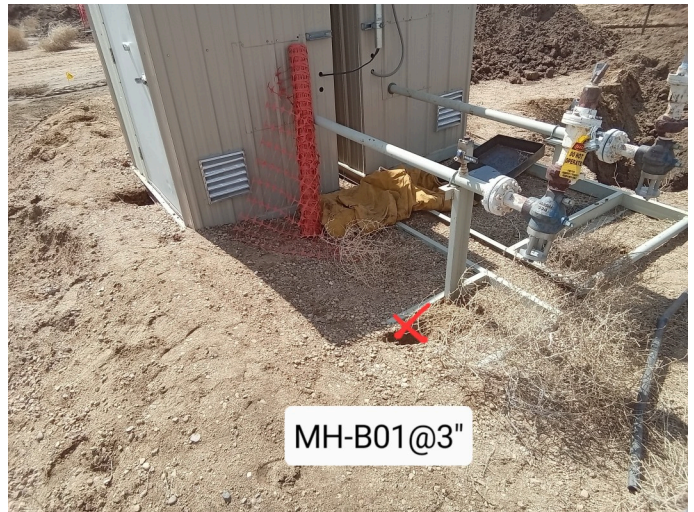
Looking south

R12 - P1



Looking south

R14 - P1



Looking south

R15 - P1



Looking south

R16 - P1



Looking south

R17 - P1



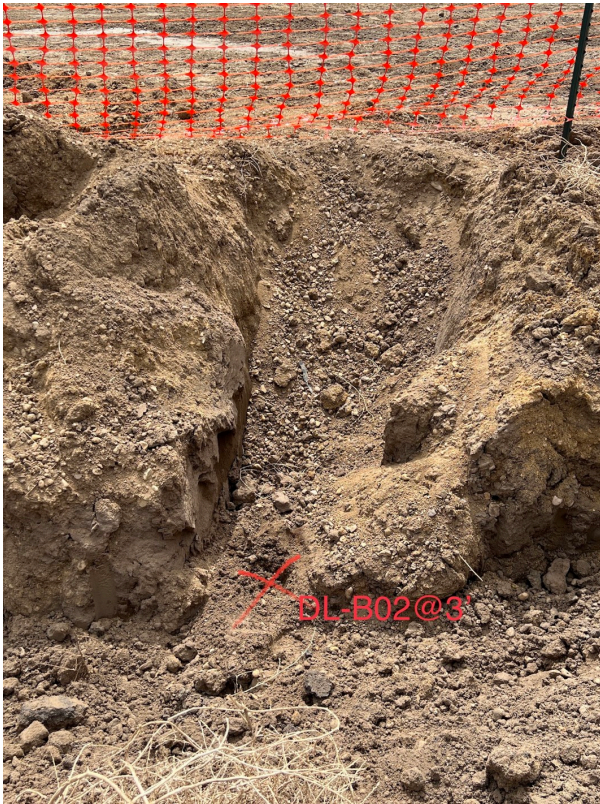
Looking south

R18 - P1



Looking south

R19 - P1



Looking south

R20 - P1



Looking south

R21 - P1



Looking south

R22 - P1



Looking south

R23 - P1



Looking south

R24 - P1



Looking south

R25 - P1



Looking south

R26 - P1



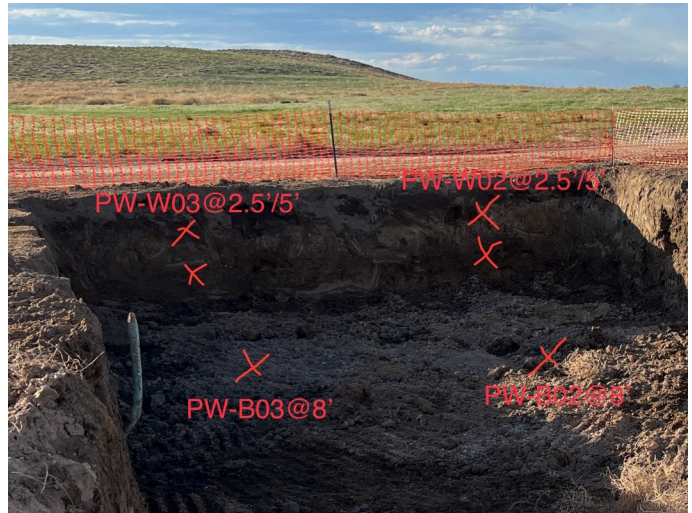
Looking south

R27 - P1



Looking south

R28 - P1



Looking south

R30 - P1



Looking south

R32 - P1



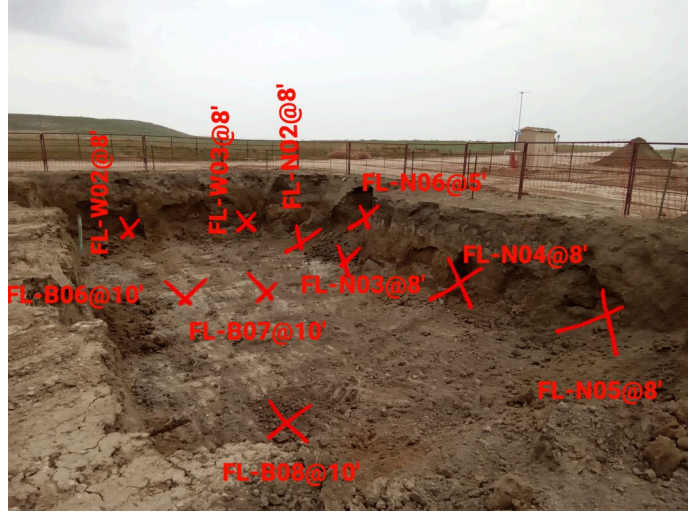
Looking south

R40 - P1



Looking south

R56 - P1



Looking south

R61 - P1



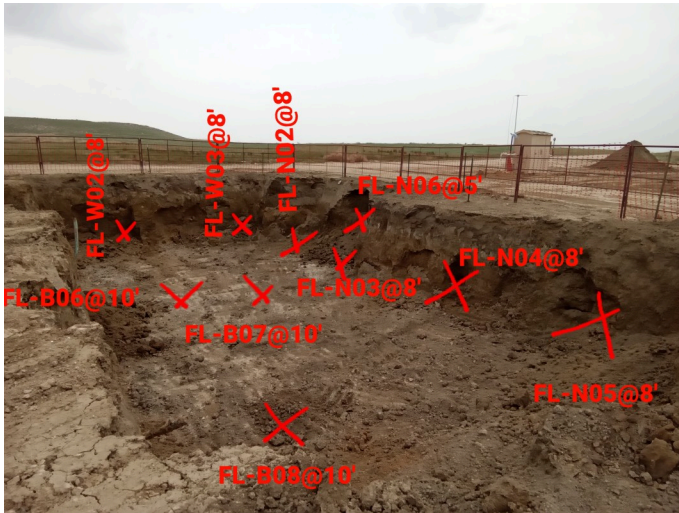
Looking south

R65 - P1



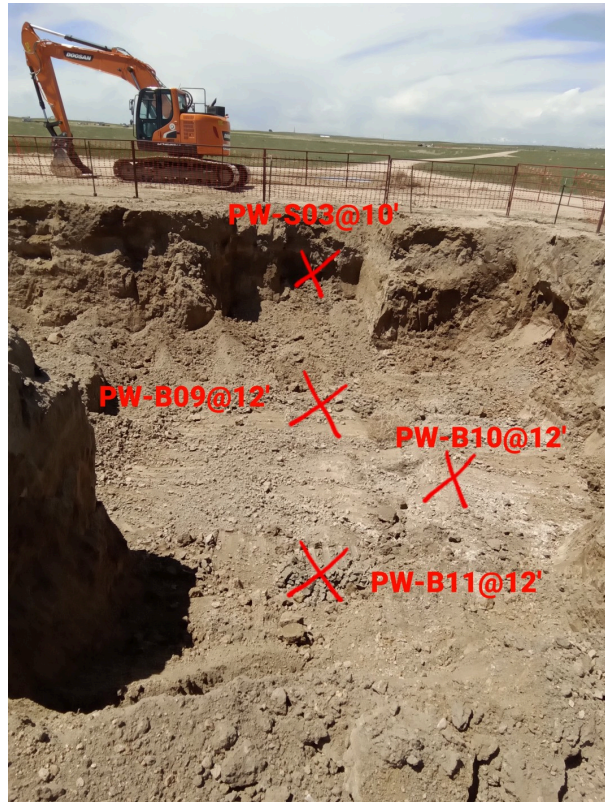
Looking south

R67 - P1



Looking south

R73 - P1



Looking south

R75 - P1



Looking north

R79 - P1



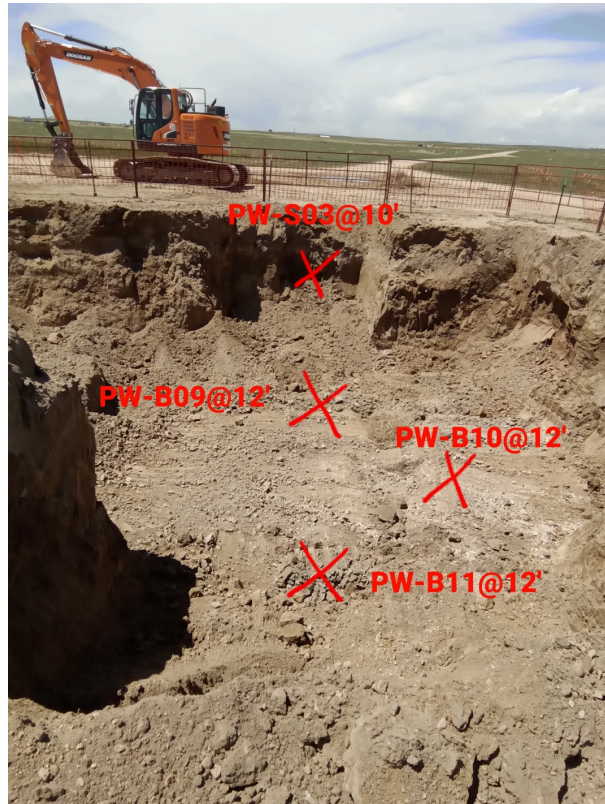
Looking east

R81 - P1



Looking west

R84 - P1



Looking south

R94 - P1



Looking southeast

R95 - P1



Looking south

R100 - P1



Looking northwest

R107 - P1



Looking north

R109 - P1



Looking east

R110 - P1



Looking south

R111 - P1



Looking east

R112 - P1



Looking northwest

R113 - P1



Looking northwest

R115 - P1



Looking south

R124 - P1



Looking southwest

R133 - P1



Looking east

R141 - P1



Looking northwest

R144 - P1



Looking northeast

R150 - P1



Looking west

R154 - P1



Looking west

R158 - P1



Looking northeast

R161 - P1



Looking northeast

R164 - P1



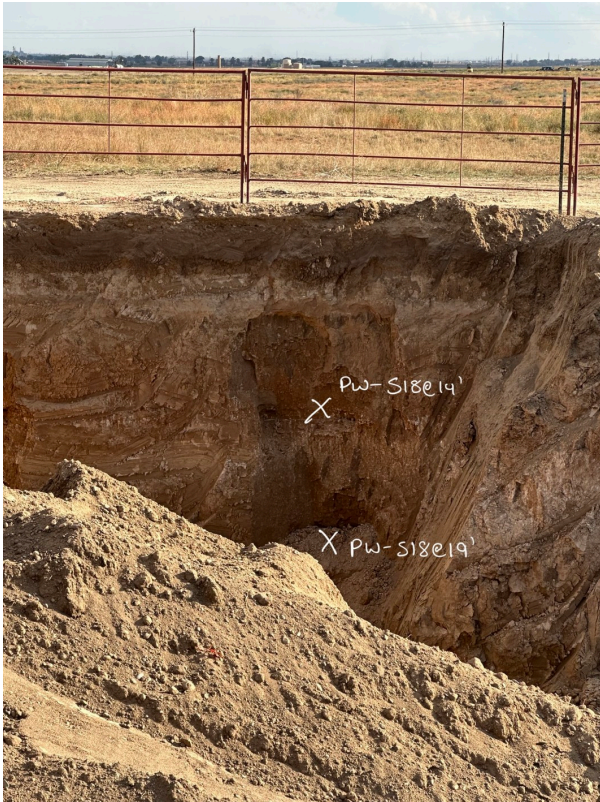
Looking west

R167 - P1



facing south

R171 - P1



facing south

R177 - P1



facing east

R178 - P1



facing east

R179 - P1



facing north

R180 - P1



facing west

R191 - P1



Looking north

R192 - P1



Looking north

R193 - P1



Looking south

R194 - P1



Looking south

R195 - P1



Looking south

R196 - P1



Looking west

R197 - P1



Looking west

R201 - P1



Looking north

R202 - P1



Looking northwest

R203 - P1



Looking northwest

R205 - P1



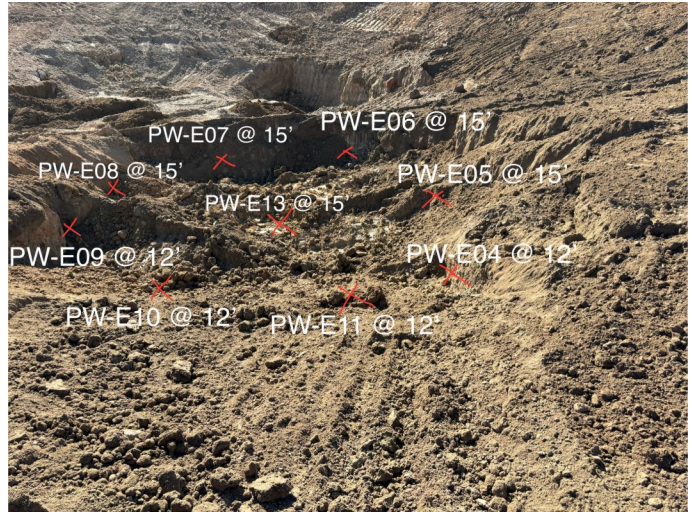
Looking west

R206 - P1



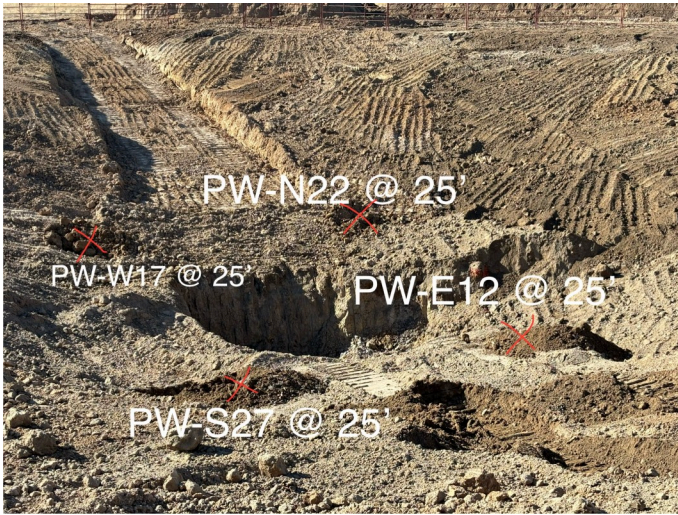
Facing north

R216 - P1



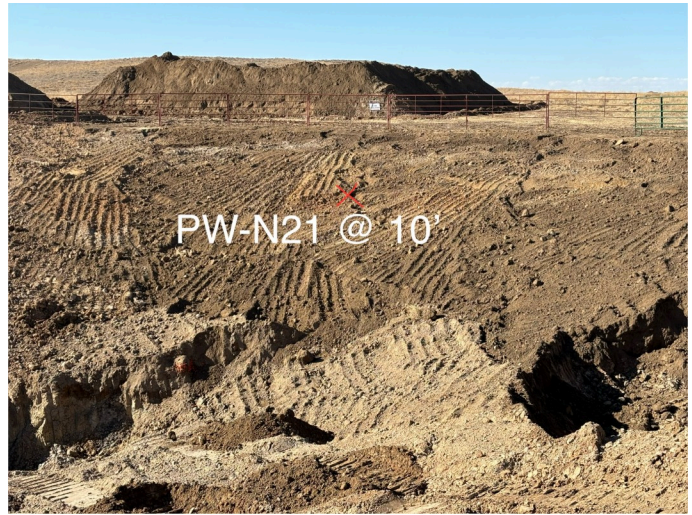
Facing West

R219 - P1



Facing North

R220 - P1



Facing North

R221 - P1



Facing south

R222 - P1



Facing southeast

Other observations regarding tanks

Summary

Was impacted soil identified?	Yes - more than 10 cubic yards
Total number of soil samples field screened	222
Total number of soil samples collected	222
Highest PID Reading	5133
Total number of soil samples submitted to lab for analysis	197
Vertical Extent	

Lateral Extent	
Estimated spill volume	
Volume of soil removed	
Is additional investigation required?	yes
Was groundwater encountered during the investigation?	No
Measured depth to groundwater	
Was remedial groundwater removal conducted?	
Date Groundwater was encountered	
Commencement date of removal	
Sheen on groundwater?	
Free product observed?	
Volume of groundwater removed prior to sampling	
Volume of groundwater removed post sampling	
Total volume of groundwater removed	
Total number of groundwater samples collected	
Total number of groundwater samples submitted to lab for analysis	



Tank Battery Closure Checklist 2

Additional Attachments (Optional)	Partially Buried Vault Closure
Site Name & COGCC Facility Number	Megan H 16-33 O SA
Remediation Project #	27095
Date	04/04/2024

Site Information

Associated Wells	
Location	
Latitude	40.222002
Longitude	-104.673219
General Condition of Site	Good
USCS Soil Type	Sandy Clay / Sandy Clay
Estimated Depth to Groundwater	>35'
Hydrocarbon Impacted Soils / Spills	Yes
Salt Crusted Soils or Impacted Vegetation	None observed

Soil Samples

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Olfactory	Equipment Type
R1	04/04/2024	02:00 PM	PW-B30@35'	734.5	HC Staining	HC Odor	Produced Water Tank
R2	04/04/2024	02:02 PM	PW-B31@35'	1783	HC Staining	HC Odor	Produced Water Tank
R3	04/04/2024	02:04 PM	PW-B32@35'	341.1	HC Staining	HC Odor	Produced Water Tank
R4	04/04/2024	02:06 PM	PW-B33@35'	14.5	HC Staining	N.O	Produced Water Tank
R5	04/04/2024	02:08 PM	PW-N23@25'	9.6	N.S	N.O	Produced Water Tank
R6	04/04/2024	02:10 PM	PW-N24@25'	3.5	N.S	N.O	Produced Water Tank
R7	04/04/2024	02:12 PM	PW-N25@25'	80.2	N.S	HC Odor	Produced Water Tank
R8	04/04/2024	02:14 PM	PW-N26@25'	16.1	N.S	N.O	Produced Water Tank
R9	04/04/2024	02:16 PM	PW-N23@33'	102.6	Slight HC Staining	Slight HC Odor	Produced Water Tank
R10	04/04/2024	02:18 PM	PW-N24@33'	6.3	N.S	N.O	Produced Water Tank
R11	04/04/2024	02:20 PM	PW-N25@33'	133.4	Slight HC Staining	Slight HC Odor	Produced Water Tank

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Olfactory	Equipment Type
R12	04/04/2024	02:22 PM	PW-N26@33'	1678	HC Staining	HC Odor	Produced Water Tank
R13	04/04/2024	02:24 PM	PW-S28@25'	3.2	N.S	N.O	Produced Water Tank
R14	04/04/2024	02:26 PM	PW-S29@25'	2.3	N.S	N.O	Produced Water Tank
R15	04/04/2024	02:28 PM	PW-S30@25'	3.0	N.S	N.O	Produced Water Tank
R16	04/04/2024	02:30 PM	PW-S31@25'	4.6	N.S	N.O	Produced Water Tank
R17	04/04/2024	02:32 PM	PW-S28@33'	5.0	N.S	N.O	Produced Water Tank
R18	04/04/2024	02:34 PM	PW-S29@33'	145.9	Slight HC Staining	Slight HC Odor	Produced Water Tank
R19	04/04/2024	02:36 PM	PW-S30@33'	4.2	N.S	N.O	Produced Water Tank
R20	04/04/2024	02:38 PM	PW-S31@33'	3.7	N.S	N.O	Produced Water Tank
R21	04/04/2024	02:40 PM	PW-E15@25'	318.4	Slight HC Staining	HC Odor	Produced Water Tank
R22	04/04/2024	02:42 PM	PW-E16@25'	4.1	N.S	N.O	Produced Water Tank
R23	04/04/2024	02:44 PM	PW-E17@25'	10.5	N.S	N.O	Produced Water Tank
R24	04/04/2024	02:46 PM	PW-E18@25'	163.2	N.S	Slight HC Odor	Produced Water Tank
R25	04/04/2024	02:48 PM	PW-E15@33'	4.6	N.S	N.O	Produced Water Tank
R26	04/04/2024	02:50 PM	PW-E16@33'	2.8	N.S	N.O	Produced Water Tank
R27	04/04/2024	02:52 PM	PW-E17@33'	3.9	N.S	N.O	Produced Water Tank
R28	04/04/2024	02:54 PM	PW-E18@33'	228.4	Slight HC Staining	Slight HC Odor	Produced Water Tank
R29	04/04/2024	02:56 PM	PW-W18@25'	2.8	N.S	N.O	Produced Water Tank
R30	04/04/2024	02:58 PM	PW-W19@25'	3.6	N.S	N.O	Produced Water Tank
R31	04/04/2024	03:00 PM	PW-W20@25'	3.0	N.S	N.O	Produced Water Tank
R32	04/04/2024	03:02 PM	PW-W21@25'	2.9	N.S	N.O	Produced Water Tank
R33	04/04/2024	03:04 PM	PW-W18@33'	4.6	N.S	N.O	Produced Water Tank
R34	04/04/2024	03:06 PM	PW-W19@33'	16.3	N.S	N.O	Produced Water Tank

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Olfactory	Equipment Type
R35	04/04/2024	03:08 PM	PW-W20@33'	5.1	N.S	N.O	Produced Water Tank
R36	04/04/2024	03:10 PM	PW-W21@33'	152.7	Slight HC Staining	Slight HC Odor	Produced Water Tank
R37	07/16/2024	12:00 PM	SB-01@20-21.25'	91.8	N.S	N.O	Other
R38	08/16/2024	02:06 PM	Stockpile-01	0.1	N.S	N.O	Other
R39	08/16/2024	02:08 PM	Stockpile-02	0.8	N.S	N.O	
R40	08/16/2024	02:10 PM	Stockpile-03	1.0	N.S	N.O	
R41	08/16/2024	02:12 PM	Stockpile-04	1.3	N.S	N.O	
R42	08/16/2024	02:14 PM	Stockpile-05	1.0	N.S	N.O	
R43	08/16/2024	02:16 PM	Stockpile-06	1.2	N.S	N.O	
R44	08/16/2024	02:18 PM	Stockpile-07	1.1	N.S	N.O	
R45	08/16/2024	02:20 PM	Stockpile-08	0.8	N.S	N.O	
R46	08/16/2024	02:22 PM	Stockpile-09	0.8	N.S	N.O	
R47	08/16/2024	02:24 PM	Stockpile-10	1.1	N.S	N.O	
R48	08/16/2024	02:26 PM	Stockpile-11	0.7	N.S	N.O	
R49	08/16/2024	02:28 PM	Stockpile-12	0.7	N.S	N.O	
R50	08/16/2024	02:30 PM	Stockpile-13	0.7	N.S	N.O	
R51	08/16/2024	02:32 PM	Stockpile-14	1.1	N.S	N.O	
R52	08/16/2024	02:34 PM	Stockpile-15	1.4	N.S	N.O	
R53	08/16/2024	02:36 PM	Stockpile-16	1.1	N.S	N.O	
R54	08/27/2024	02:00 PM	PW-B34@41'	1993	HC Staining	HC Odor	Produced Water Tank
R55	10/28/2024	08:30 AM	Stockpile-01-01	0.3	N.S	N.O	Other
R56	10/28/2024	08:34 AM	Stockpile-06-01	0.2	N.S	N.O	Other
R57	10/28/2024	09:00 AM	PW-B35@41.5'	880.3	HC Staining	HC Odor	Produced Water Tank
R58	10/28/2024	09:20 AM	PW-N27@35'	50.1	N.S	Slight HC Odor	Produced Water Tank
R59	10/28/2024	09:24 AM	PW-N28@35'	300.6	Slight HC Staining	HC Odor	Produced Water Tank
R60	10/28/2024	09:27 AM	PW-N29@35'	47.2	Slight HC Staining	HC Odor	Produced Water Tank
R61	10/28/2024	09:30 AM	PW-N30@35'	142.8	Slight HC Staining	HC Odor	Produced Water Tank
R62	10/28/2024	09:45 AM	PW-E19@35'	63.8	N.S	Slight HC Odor	Produced Water Tank
R63	10/28/2024	09:48 AM	PW-E20@35'	3.2	N.S	N.O	Produced Water Tank
R64	10/28/2024	09:50 AM	PW-E21@35'	2.8	N.S	N.O	Produced Water Tank
R65	10/28/2024	09:53 AM	PW-E22@35'	3.6	N.S	N.O	Produced Water Tank

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Olfactory	Equipment Type
R66	10/28/2024	10:10 AM	PW-S32@35'	546.6	HC Staining	HC Odor	Produced Water Tank
R67	10/28/2024	10:13 AM	PW-S33@35'	2.3	N.S	N.O	Produced Water Tank
R68	10/28/2024	10:16 AM	PW-S34@35'	395.4	HC Staining	HC Odor	Produced Water Tank
R69	10/28/2024	10:20 AM	PW-S35@35'	496.5	HC Staining	HC Odor	Produced Water Tank
R70	10/28/2024	10:45 AM	PW-W22@35'	506.4	HC Staining	HC Odor	Produced Water Tank
R71	10/28/2024	10:48 AM	PW-W23@35'	389.3	HC Staining	HC Odor	Produced Water Tank
R72	10/28/2024	10:50 AM	PW-W24@35'	1540	HC Staining	HC Odor	Produced Water Tank
R73	10/28/2024	10:55 AM	PW-W25@35'	2.8	N.S	N.O	Produced Water Tank
R74	11/13/2024	10:24 AM	REC-Stockpile-01	3.4	N.S	N.O	Other
R75	11/13/2024	10:31 AM	REC-Stockpile-02	4.7	N.S	N.O	Other
R76	11/13/2024	10:38 AM	REC-Stockpile-03	4.9	N.S	N.O	Other
R77	11/13/2024	10:42 AM	REC-Stockpile-04	5.8	N.S	N.O	Other
R78	11/13/2024	10:50 AM	REC-Stockpile-05	3.8	N.S	N.O	Other
R79	11/13/2024	10:57 AM	REC-Stockpile-06	5.0	N.S	N.O	Other
R80	11/13/2024	11:04 AM	REC-Stockpile-07	2.5	N.S	N.O	Other
R81	11/13/2024	11:09 AM	REC-Stockpile-08	4.9	N.S	N.O	Other
R82	11/13/2024	11:17 AM	REC-Stockpile-09	5.2	N.S	N.O	Other
R83	11/13/2024	11:25 AM	REC-Stockpile-10	4.8	N.S	N.O	Other
R84	11/13/2024	11:38 AM	REC-Stockpile-11	5.1	N.S	N.O	Other
R85	11/13/2024	11:40 AM	REC-Stockpile-12	5.3	N.S	N.O	Other
R86	11/13/2024	11:47 AM	REC-Stockpile-13	5.6	N.S	N.O	Other
R87	11/12/2024	01:05 PM	PW-W26@35'	6.4	Slight HC Staining	N.O	Produced Water Tank
R88	11/12/2024	01:10 PM	PW-W27@35'	6.9	Slight HC Staining	N.O	Produced Water Tank
R89	11/12/2024	01:15 PM	PW-W28@35'	3.5	Slight HC Staining	N.O	Produced Water Tank
R90	11/12/2024	01:20 PM	PW-W29@35'	7.2	Slight HC Staining	N.O	Produced Water Tank
R91	11/12/2024	01:25 PM	PW-N31@35'	243.2	HC Staining	HC Odor	Produced Water Tank
R92	11/12/2024	01:30 PM	PW-S36@35'	5.3	Slight HC Staining	N.O	Produced Water Tank
R93	11/26/2024	09:11 AM	PW-B36@41'	1.3	N.S	N.O	Produced Water Tank
R94	11/26/2024	09:13 AM	PW-B37@41'	551.0	N.S	HC Odor	Produced Water

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Olfactory	Equipment Type
							Tank
R95	11/26/2024	09:32 AM	PW-N30-01@35'	2.8	N.S	N.O	Produced Water Tank
R96	11/26/2024	09:34 AM	PW-N25-01@33'	1.3	N.S	N.O	Produced Water Tank
R97	11/26/2024	09:40 AM	PW-N24-01@33'	1.1	N.S	N.O	Produced Water Tank
R98	11/26/2024	09:42 AM	PW-N29-01@35'	1.9	N.S	N.O	Produced Water Tank
R99	11/26/2024	09:44 AM	PW-N28-01@33'	1.1	N.S	N.O	Produced Water Tank
R100	11/26/2024	09:46 AM	PW-N23-01@33'	2.1	N.S	N.O	Produced Water Tank
R101	11/26/2024	09:48 AM	PW-N27-01@35'	1.3	N.S	N.O	Produced Water Tank
R102	11/26/2024	09:57 AM	PW-S34-01@35'	1.2	N.S	N.O	Produced Water Tank
R103	11/26/2024	09:59 AM	PW-S30-01@33'	1.3	N.S	N.O	Produced Water Tank
R104	11/26/2024	10:01 AM	PW-S35-01@35'	2.5	N.S	N.O	Produced Water Tank
R105	11/26/2024	10:03 AM	PW-S32-01@35'	2.2	N.S	N.O	Produced Water Tank
R106	11/26/2024	10:05 AM	PW-S31-01@33'	2.1	N.S	N.O	Produced Water Tank
R107	11/26/2024	10:15 AM	PW-E15-01@33'	0.6	N.S	N.O	Produced Water Tank
R108	11/26/2024	10:17 AM	PW-E17-01@33'	0.4	N.S	N.O	Produced Water Tank
R109	11/26/2024	10:19 AM	PW-E18-01@33'	104.3	N.S	Slight HC Odor	Produced Water Tank
R110	11/26/2024	10:21 AM	PW-E19-01@35'	9.3	N.S	N.O	Produced Water Tank
R111	11/26/2024	10:56 AM	PW-N32@10'	1.7	N.S	N.O	Produced Water Tank
R112	11/26/2024	10:58 AM	PW-N32@20'	21.5	N.S	N.O	Produced Water Tank
R113	11/26/2024	11:00 AM	PW-N33@20'	2.6	N.S	N.O	Produced Water Tank
R114	11/26/2024	11:02 AM	PW-N34@20'	2.2	N.S	N.O	Produced Water Tank
R115	11/26/2024	11:08 AM	PW-N33@10'	1.4	N.S	N.O	Produced Water Tank
R116	11/26/2024	11:10 AM	PW-N34@10'	0.6	N.S	N.O	Produced Water Tank
R117	11/26/2024	11:12 AM	PW-N35@10'	0.4	N.S	N.O	Produced Water

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Olfactory	Equipment Type
							Tank
R118	11/26/2024	11:14 AM	PW-N35@20'	8.7	N.S	N.O	Produced Water Tank
R119	11/26/2024	11:16 AM	PW-N35@10'	1.6	N.S	N.O	Produced Water Tank
R120	11/26/2024	11:22 AM	PW-W30@10'	1.0	N.S	N.O	Produced Water Tank
R121	11/26/2024	11:24 AM	PW-W30@20'	0.5	N.S	N.O	Produced Water Tank
R122	11/26/2024	11:26 AM	PW-W31@10'	0.8	N.S	N.O	Produced Water Tank
R123	11/26/2024	11:30 AM	PW-W31@20'	1.1	N.S	N.O	Produced Water Tank
R124	11/26/2024	11:32 AM	PW-W32@20'	3.2	N.S	N.O	Produced Water Tank
R125	11/26/2024	11:34 AM	PW-W33@20'	118.6	N.S	Slight HC Odor	Produced Water Tank
R126	11/26/2024	11:36 AM	PW-W32@10'	2.9	N.S	N.O	Produced Water Tank
R127	11/26/2024	11:38 AM	PW-W33@10'	2.7	N.S	N.O	Produced Water Tank
R128	11/26/2024	11:40 AM	PW-W34@10'	2.1	N.S	N.O	Produced Water Tank
R129	11/26/2024	11:48 AM	PW-S37@20'	2.0	N.S	N.O	Produced Water Tank
R130	11/26/2024	11:50 AM	PW-S38@20'	1.8	N.S	N.O	Produced Water Tank
R131	11/26/2024	11:52 AM	PW-S39@20'	1.2	N.S	N.O	Produced Water Tank
R132	11/26/2024	11:54 AM	PW-S40@20'	1.2	N.S	N.O	Produced Water Tank
R133	11/26/2024	11:56 AM	PW-S37@10'	0.9	N.S	N.O	Produced Water Tank
R134	11/26/2024	11:58 AM	PW-S38@10'	1.3	N.S	N.O	Produced Water Tank
R135	11/26/2024	12:00 PM	PW-S39@10'	1.2	N.S	N.O	Produced Water Tank
R136	11/26/2024	12:02 PM	PW-S40@10'	1.3	N.S	N.O	Produced Water Tank
R137	11/26/2024	12:04 PM	PW-S41@10'	0.8	N.S	N.O	Produced Water Tank
R138	11/26/2024	01:25 PM	PW-E23@10'	1.1	N.S	N.O	Produced Water Tank
R139	11/26/2024	01:27 PM	PW-E24@10'	0.9	N.S	N.O	Produced Water Tank
R140	11/26/2024	01:29 PM	PW-E25@10'	0.8	N.S	N.O	Produced Water

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Olfactory	Equipment Type
							Tank
R141	11/26/2024	01:31 PM	PW-E26@10'	0.5	N.S	N.O	Produced Water Tank
R142	11/26/2024	01:33 PM	PW-E26@20'	0.6	N.S	N.O	Produced Water Tank
R143	11/26/2024	01:35 PM	PW-E27@10'	0.2	N.S	N.O	Produced Water Tank
R144	11/26/2024	01:37 PM	SEP-B03@8'	0.9	N.S	N.O	Produced Water Tank
R145	11/26/2024	01:39 PM	PW-E23@20'	0.9	N.S	N.O	Produced Water Tank
R146	11/26/2024	01:41 PM	PW-E24@20'	0.5	N.S	N.O	Produced Water Tank
R147	11/26/2024	01:43 PM	PW-E25@20'	1.2	N.S	N.O	Produced Water Tank

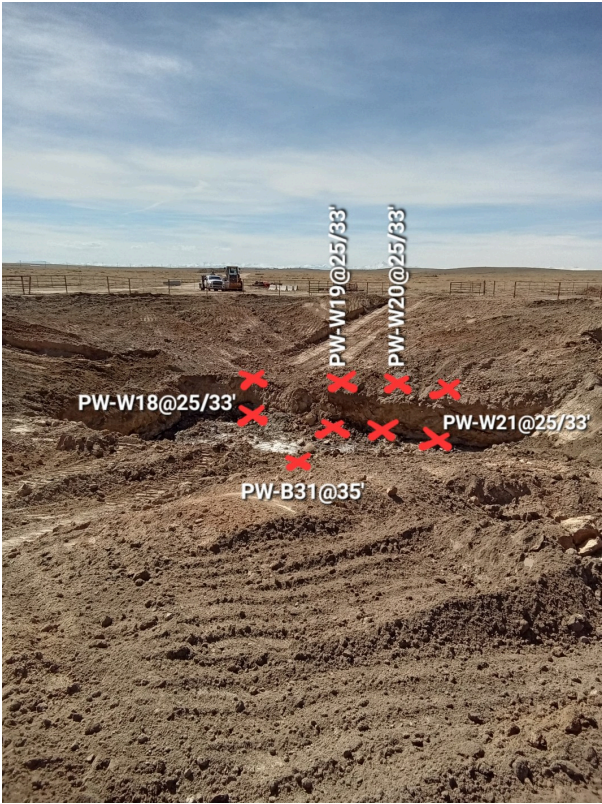
Photo(s)

R1 - P1



Looking south

R2 - P1



Looking west

R3 - P1



Looking north

R4 - P1



Looking east

R38 - P1



Facing West

R39 - P1



Facing West

R40 - P1



Stockpile-03

Facing West

R41 - P1



Stockpile-04

Facing West

R42 - P1



Stockpile-05

Facing West

R43 - P1



Stockpile-06

Facing West

R44 - P1



Facing East

R45 - P1



Facing East

R46 - P1



Facing East

R47 - P1



Facing East

R48 - P1



R49 - P1



Facing East

R50 - P1



Facing West

R51 - P1



Facing West

R52 - P1



Stockpile-15

Facing West

R53 - P1



Stockpile-16

Facing West

R54 - P1



PW-B34@41'

Looking east

R55 - P1



Stockpile-01-01

Looking west

R56 - P1



Stockpile-06-01

Looking north

R57 - P1



Looking north

R62 - P1



Looking east

R66 - P1



Looking south

R70 - P1



Looking west

R87 - P1



Looking west

R93 - P1



Facing south

R95 - P1



Facing north

R102 - P1



Facing south

R107 - P1



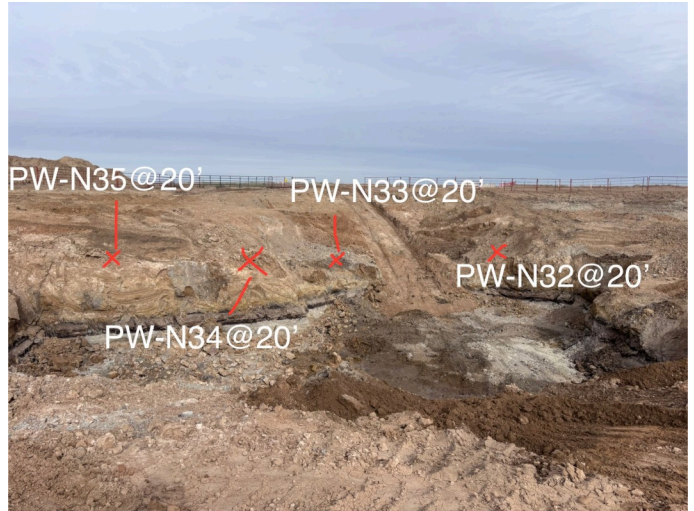
Facing east

R111 - P1



Facing north

R112 - P1



Facing north

R120 - P1



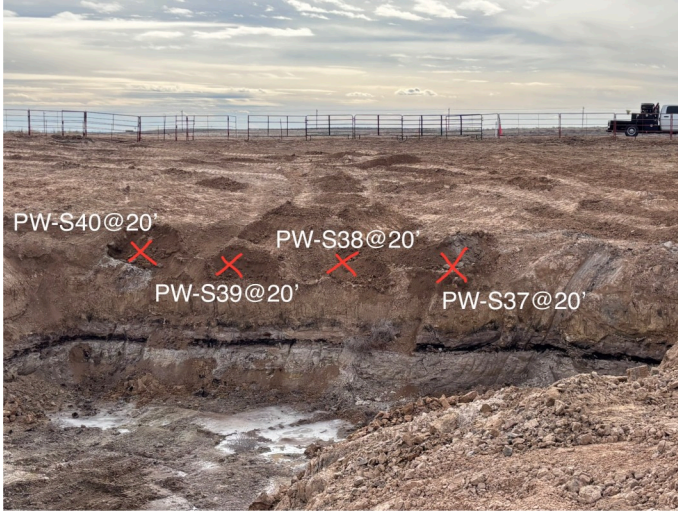
Facing west

R121 - P1



Facing west

R129 - P1



Facing south

R133 - P1



Facing south

R138 - P1



Facing northeast

R142 - P1



Facing northeast

R144 - P1



Facing northeast

Other observations regarding tanks

Summary

Was impacted soil identified?	Yes - more than 10 cubic yards
Total number of soil samples field screened	147
Total number of soil samples collected	147
Highest PID Reading	1993
Total number of soil samples submitted to lab for analysis	142
Vertical Extent	
Lateral Extent	
Estimated spill volume	
Volume of soil removed	
Is additional investigation required?	
Was groundwater encountered during the investigation?	Yes - groundwater impacted and/or in contact with impacted soils
Measured depth to groundwater	41'
Was remedial groundwater removal conducted?	
Date Groundwater was encountered	08/27/2024
Commencement date of removal	
Sheen on groundwater?	
Free product observed?	
Volume of groundwater removed prior to sampling	
Volume of groundwater removed post sampling	
Total volume of groundwater removed	
Total number of groundwater samples collected	
Total number of groundwater samples submitted to lab for analysis	