



Tank Battery Closure Checklist 2

Additional Attachments (Optional)	Partially Buried Vault Closure
Site Name & COGCC Facility Number	Dehaan V27-10,15 Facility
Remediation Project #	34201
Date	07/30/2024

Site Information

Associated Wells	Dehaan V27-10, Dehaan V27-15
Location	
Latitude	40.109165
Longitude	-104.872859
General Condition of Site	good
USCS Soil Type	Gravelly Loam / Gravelly Loam
Estimated Depth to Groundwater	<20'
Hydrocarbon Impacted Soils / Spills	HC impacts observed
Salt Crusted Soils or Impacted Vegetation	None observed

Soil Samples

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Olfactory	Equipment Type
R1	07/30/2024	12:00 PM	AST-B01@3"	3.4	N.S	N.O	Aboveground Storage Tank
R2	07/30/2024	12:02 PM	AST-B02@3"	2.3	N.S	N.O	Aboveground Storage Tank
R3	07/30/2024	12:04 PM	AST-B03@3"	0.6	N.S	N.O	Aboveground Storage Tank
R4	07/30/2024	12:06 PM	AST-B04@3"	0.1	N.S	N.O	Aboveground Storage Tank
R5	07/30/2024	12:08 PM	PW-B01@5'	2.2	N.S	N.O	Produced Water Tank
R6	07/30/2024	12:10 PM	PW-N01@4'	1.4	N.S	N.O	Produced Water Tank
R7	07/30/2024	12:12 PM	PW-S01@4'	3.3	N.S	N.O	Produced Water Tank
R8	07/30/2024	12:14 PM	PW-E01@4'	2.7	N.S	N.O	Produced Water Tank
R9	07/30/2024	12:16 PM	PW-W01@4'	1.9	N.S	N.O	Produced Water Tank
R10	07/30/2024	12:20 PM	MH-B01@6"	1.0	N.S	N.O	Meter House
R11	07/30/2024	12:18 PM	DL-B01@4'	2.7	N.S	N.O	Dump Line

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Olfactory	Equipment Type
R12	07/30/2024	12:22 PM	AST-BG01@6"	1.2	N.S	N.O	Background
R13	07/30/2024	12:24 PM	AST-BG02@6"	1.8	N.S	N.O	Background
R14	07/30/2024	12:26 PM	AST-BG03@6"	1.7	N.S	N.O	Background
R15	07/30/2024	12:28 PM	PW-BG01@3'	0.5	N.S	N.O	Background
R16	07/30/2024	12:30 PM	PW-BG01@6'	0.9	N.S	N.O	Background
R17	07/30/2024	12:32 PM	PW-BG02@3'	1.2	N.S	N.O	Background
R18	07/30/2024	12:34 PM	PW-BG02@6'	1.3	N.S	N.O	Background
R19	07/30/2024	12:36 PM	PW-BG03@3'	4.1	N.S	N.O	Background
R20	07/30/2024	12:38 PM	PW-BG03@6'	4.9	N.S	N.O	Background
R21	07/30/2024	12:40 PM	PW-BG04@3'	5.1	N.S	N.O	Background
R22	07/30/2024	12:42 PM	PW-BG04@6'	6.2	N.S	N.O	Background
R23	07/31/2024	02:16 PM	SEP-B01@4'	2420	Slight HC Staining	HC Odor	Separator
R24	07/31/2024	02:18 PM	SEP-B02@4'	7.6	Slight HC Staining	HC Odor	Separator
R25	07/31/2024	02:20 PM	SEP-B03@4'	4077	Slight HC Staining	HC Odor	Separator
R26	07/31/2024	02:22 PM	SEP-B04@4'	25.6	Slight HC Staining	HC Odor	Separator
R27	07/31/2024	02:24 PM	DL-B02@4'	2.1	Slight HC Staining	HC Odor	Dump Line
R28	07/31/2024	02:26 PM	ECD-B01@6"	0.5	N.S	N.O	Emissions Control Device
R29	09/04/2024	11:08 AM	AST-B03-01@3"	1.3	N.S	N.O	Aboveground Storage Tank
R30	09/04/2024	11:10 AM	PW-W01-01@4'	0.0	N.S	N.O	Produced Water Tank
R31	09/17/2024	02:38 PM	SEP-B05@6'	1.6	N.S	N.O	Separator
R32	09/17/2024	02:45 PM	SEP-N01@4'	2.0	N.S	Slight HC Odor	Separator
R33	09/17/2024	02:30 PM	SEP-E01@4'	1.4	N.S	N.O	Separator
R34	09/17/2024	02:25 PM	SEP-S01@4'	2.0	N.S	N.O	Separator

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Olfactory	Equipment Type
R35	09/17/2024	02:34 PM	SEP-W01@4'	1.2	N.S	N.O	Separator

Photo(s)

R1 - P1



Facing north

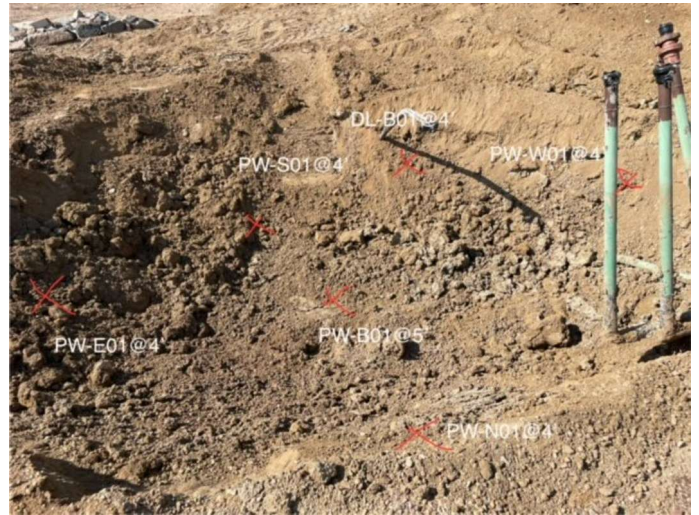
R2 - P1



R3 - P1



R5 - P1



Facing south

R10 - P1



Facing west

R12 - P1



Facing north

R13 - P1



Facing north

R14 - P1



Facing east

R15 - P1



Facing south

R17 - P1



Facing north

R23 - P1



facing north

R28 - P1



facing north

R31 - P1



facing east

R35 - P1



facing west

Other observations regarding tanks

Summary

Was impacted soil identified?	Yes - less than 10 cubic yards
Total number of soil samples field screened	35
Total number of soil samples collected	35
Highest PID Reading	4077
Total number of soil samples submitted to lab for analysis	26
Was groundwater encountered during the investigation?	No
Measured depth to groundwater	
Was remedial groundwater removal conducted?	
Date Groundwater was encountered	
Commencement date of removal	
Seen 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