

Buried or Partially Buried Vessel Closure Checklist

COGCC Rule 911.a.(4) Environmental Site Closure Assessment Field Form

Additional attachments (optional):		Pit Closure		Wellhead Closure		Flowline Closure	✓	Tank Battery Closure	
Site Name & COGCC Facility Number: 380153		Date: 03/02/2022				Remediation Project #: 21556			
Associated Wells:		Age of Site:				Number of Photos Attached:			
Location: (GPS coordinates of vault or southeastern tank berm for multiple) 40-248334, -104-923017						Estimated Facility Size (acres):			

General Condition of Site: (General observations regarding housekeeping, corrosion, waste management, etc.)

Site in good condition

USCS Soil Type: CL Estimated Depth to Groundwater: >20'

Hydrocarbon Impacted Soils / Spills: (Note estimated size and if impact appears to be surficial or extends to an unknown depth)

None observed

Salt Crusted Soils or Impacted Vegetation: (Note estimated size and if impact appears to be surficial or extends to an unknown depth)

None observed

Buried or Partially Buried Vessels

Tank Contents	Produced Water									
Size (barrels)										
Age										
Construction										
Visual Integrity										
Condition of tank										
PID Readings										
Condition of										
PID Readings	21.5	98.7	0.8	43.1	0.8					
Sample taken? Location/Sample ID#	PW-B01	PW-N01	PW-E01	PW-S01	PW-W01					
Photo Number(s)										

Other observations regarding partially buried vessels:

odor at PW-N01, sl/odor at PW-B01

Summary

Was impacted soil identified?		No	Yes - less than 10 cubic yards	Yes - more than 10 cubic yards
Total number of samples field screened:		5		Total number of samples collected:
Highest PID Reading:		98.7		Total number of samples submitted to lab for analysis:
If more than 10 cubic yards of impacted soil were observed:				
Vertical extent:		Estimated spill volume:		
Lateral extent:		Volume of soil removed:		
Is additional investigation required?				
Was groundwater encountered during the investigation?				
No		Yes - not impacted or in contact with impacted soils		Yes - groundwater impacted and/or in contact with impacted soils
Measured depth to groundwater:		Was remedial groundwater removal conducted?		
		Yes		No
Date Groundwater was encountered:		Commencement date of removal:		
Sheen on groundwater?		Yes		No
Free product observed?		Yes		No
Total number of samples collected:		Total Volume of groundwater removed:		
Total number of samples submitted to lab for analysis:				

Tank Battery Closure Checklist

COGCC Rule 911.a.(4) Environmental Site Closure Assessment Field Form

Additional attachments (optional):		Pit Closure		Wellhead Closure		Flowline Closure	✓	Partially Buried Vault Closure
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Site Name & COGCC Facility Number: 330153	Date: 03/02/2022	Remediation Project #: 21556
Associated Wells:	Age of Site:	Number of Photos Attached:

Location: (GPS coordinates of southeaster berm) 40.248334, -104.923017	Estimated Facility Size (acres):
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General Condition of Site: (General observations regarding housekeeping, corrosion, waste management, etc.)

Site in good condition

USCS Soil Type: CL	Estimated Depth to Groundwater: 720'
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Hydrocarbon Impacted Soils / Spills: (Note estimated size and if impact appears to be surficial or extends to an unknown depth)

None Observed

Salt Crusted Soils or Impacted Vegetation: (Note estimated size and if impact appears to be surficial or extends to an unknown depth)

None Observed

Tanks

Tank Contents	Production Tank-Crude						
Size (barrels)	300						
Age							
Construction							
Tank type							
Visual Integrity							
Condition of tank							
PID Readings							
Soil impacts present at valves or hatches?							
PID Readings	1.4	0.9					
Sample taken? Location/ Sample ID#	AST-B01	AST-B02					
Photo Number(s)							

Other observations regarding tanks:

None

Separators

Separator size							
Vertical or Horizontal							
Age							
Soil impacts							
PID Readings	0.1	9.9					
Sample taken? Location/ Sample ID#	SEP-B01	SEP-B02					
Photo Number(s)							

Other observations regarding separators:

None

Third Party Equipment

Type							
Age							

Third Party									
Removal Date									
Sample taken?									
PID Readings									
Photo Number(s)									

Other Facility Equipment

Equipment type	Dumpline	Background	Pothole	Pothole			
Equipment Age							
Soil impacts							
PID Readings	9.1	0.1	0.2	0.3	11.1	1.1	39.6
Sample taken?	PL-B(1)	PW-BG01	PW-BG01	PH-0103	PH-0106	PH-0203	PH-0206
Photo Number(s)							

Other observations regarding other facility or third party equipment:

Summary

Was impacted soil identified?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes - less than 10 cubic yards <input type="checkbox"/> Yes - more than 10 cubic yards		
Total number of samples field screened:	11	Total number of samples collected:	11
Highest PID Reading:	39.6	Total number of samples submitted to lab for analysis:	7
If more than 10 cubic yards of impacted soil were observed:			
Vertical extent:	Estimated spill volume:		
Lateral extent:	Volume of soil removed:		
Is additional investigation required?			
Was groundwater encountered during the investigation?			
<input type="checkbox"/> No <input type="checkbox"/> Yes - not impacted or in contact with impacted soils		<input type="checkbox"/> Yes - groundwater impacted and/or in contact with impacted soils	
Measured depth to groundwater:	Was remedial groundwater removal conducted? Yes No		
Date Groundwater was encountered:	Commencement date of removal:		
Sheen on groundwater? Yes No	Volume of groundwater removed prior to sampling:		
Free product observed? Yes No	Volume of groundwater removed post sampling:		
Total number of samples collected:	Total Volume of groundwater removed:		
Total number of samples submitted to lab for analysis:			