

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 Material								
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: 5			
Highest PID Reading: 98.7					Total number of samples submitted to lab for analysis: 2			
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					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:								

Tank Battery Closure Checklist

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

Additional attachments (optional):	Pit Closure	Wellhead Closure	Flowline Closure	<input checked="" type="checkbox"/> 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 southeast corner) 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: 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-BG003	PW-BG012	PH-0123	PH-0126	PH-0203	PH-0206	
Photo Number(s)								
Other observations regarding other facility or third party equipment:								
Summary								
Was impacted soil identified? <u>No</u> Yes - less than 10 cubic yards 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?								
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					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:								