

Tank Battery Closure Checklist

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

Additional attachments (optional):		Pit Closure	X	Wellhead Closure	X	Flowline Closure	X	Partially Buried Vault Closure
Site Name & COGCC Facility Number: Glenn State 4-36		Date: 6/23/2023, 8/17/2023					Remediation Project #: 24450	
Associated Wells: 05-087-08147		Age of Site: 2007					Number of Photos Attached: 25	
Location: (GPS coordinates of southeaster berm) Loc 1D: 313967 40.099240, -103.826710							Estimated Facility Size (acres): 61	
General Condition of Site: (General observations regarding housekeeping, corrosion, waste management, etc.) No noted staining, odor or visible salts at surface. No indications of impacts to subsurface. Housekeeping sufficient.								
USCS Soil Type: Sm, Sp				Estimated Depth to Groundwater: ~38 ft - bgs				
Hydrocarbon Impacted Soils / Spills: (Note estimated size and if impact appears to be surficial or extends to an unknown depth) None indicated or reported via laboratory results								
Salt Crusted Soils or Impacted Vegetation: (Note estimated size and if impact appears to be surficial or extends to an unknown depth) None indicated or reported via laboratory results								
Tanks								
Tank Contents	Crude	PW						
Size (barrels)	300	100						
Age	2007	2007						
Construction	steel	Fiberglass						
Tank type	AST	PWV/PBV						
Visual Integrity	Good	Good						
Condition of tank	Good	Good						
PID Readings	1.7	3.1						
Soil impacts present at valves	None	N/A						
PID Readings	1.3	N/A						
Sample taken? Location/ Sample ID#	AST0103	PW0104						
	AST0200.5	W010103						
Photo Number(s)	16, 17, 18	19, 20, 21						
Other observations regarding tanks:								
Separators								
Separator size	UNK							
Vertical or Horizontal	Vertical							
Age	2007							
Soil impacts	None	AS, Se						
PID Readings	1.7							
Sample taken? Location/ Sample ID#	SEP0103							
	SEP0104.5							
Photo Number(s)	12 - 15							
Other observations regarding separators								
Third Party Equipment								
Type								
Age								

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

Other Facility Equipment				
Equipment type	Pump jack	Wellhead Line	Production line	Dump line
Equipment Condition	Good	Good	Good	Good
Age	2007	2007	2007	2007
Soil impacts	None	None	None	None
PID Readings	1.5			
Sample taken?	Screened - PJ01, PJ05	Screened - FL01, FL02	Screened - FL03, FL04	Screened - FL05
Photo Number(s)	4, 5	6, 7	8, 9	10

Other observations regarding other facility or third party equipment:

No visual or olfactory impacts observed. No Groundwater encountered

Summary	
Was impacted soil identified?	<input checked="" type="radio"/> Yes - less than 10 cubic yards <input type="radio"/> No
Total number of samples field screened:	29
Highest PID Reading:	4.1
If more than 10 cubic yards of impacted soil were observed:	N/A
Vertical extent:	
Lateral extent:	
Is additional investigation required?	
Was groundwater encountered during the investigation?	<input checked="" type="radio"/> No <input type="radio"/> Yes - not impacted or in contact with impacted soils
Measured depth to groundwater:	
Date Groundwater was encountered:	
Sheen on groundwater?	Yes No
Free product observed?	Yes No
Total number of samples collected:	
Total number of samples submitted to lab for analysis:	

Yes - groundwater impacted and/or in contact with impacted soils	<input type="radio"/> Yes <input checked="" type="radio"/> No
Was remedial groundwater removal conducted?	Yes No
Commencement date of removal:	
Volume of groundwater removed prior to sampling:	
Volume of groundwater removed post sampling:	
Total Volume of groundwater removed:	

Wellhead Closure Checklist

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Additional attachments (optional):		Pit Closure	X	Tank Battery Closure	X	Flowline Closure	X	Partially Buried Vault Closure
Site Name & COGCC Facility Number:		Date:		Remediation Project #:				
Glenn State 4-36		6/23/2023, 8/17/2023		24450				
Associated Wells:		Age of Site:		Number of Photos Attached:				
05-087-08147		2007		25				
Location: (GPS coordinates of wellhead or southeastern most wellhead for multiple)		Estimated Facility Size (acres):						
40.099240, -103.826720		< 1						
General Condition of Site: (General observations regarding housekeeping, corrosion, waste management, etc.)								
No noted visual, olfactory or PID indicated impacts Housekeeping good								
USCS Soil Type: Sm, Sp				Estimated Depth to Groundwater: ~38ft-bgs				
Hydrocarbon Impacted Soils / Spills: (Note estimated size and if impact appears to be surficial or extends to an unknown depth)								
None indicated or reported via lab results								
Salt Crusted Soils or Impacted Vegetation: (Note estimated size and if impact appears to be surficial or extends to an unknown depth)								
None indicated or reported via lab results								
Wellhead(s)								
Well API	05-087-08147							
Age	2007							
Condition of surface around wellhead	Good							
PID Readings	1.5							
Condition of subsurface (retaining present)	Good							
PID Readings	2.4							
Sample taken?	W40106							
Location Sample	FLR0103							
Photo Number(s)	1, 2, 3							
Other observations regarding wellheads:								
None. onsite wellhead line, production lines and dumlins removed. Pumpjack onsite, screening sample collected under motor								
Summary								
Was impacted soil identified?								
(No)		Yes - less than 10 cubic yards		Yes - more than 10 cubic yards				
Total number of samples field screened: 7				Total number of samples collected: 2				
Highest PID Reading: 2.4				Total number of samples submitted to lab for analysis: 2				
If more than 10 cubic yards of impacted soil were observed: N/A								
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:				
Seen 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:								