

PIERCE UNIT KENNEDY #3

Wellhead Closure Checklist

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

Additional attachments (optional):	Pit Closure	Tank Battery Closure	Flowline Closure	Partially Buried Vault Closure
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Site Name & COGCC Facility Number: 245157	Date: 4/26/2021 - 5/27/2021	Remediation Project #: 17652
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Associated Wells: NONE	Age of Site: SPUD DATE = 2/3/1986	Number of Photos Attached: 11
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Location: (GIS coordinates of wellhead or southeastern most wellhead for multiple) 40.63121°, -104.76583°	Estimated Facility Size (acres): 0.6
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General Condition of Site: (General observations regarding housekeeping, corrosion, waste management, etc.)

OVERALL GOOD CONDITION

USCS Soil Type: SM/SP	Estimated Depth to Groundwater: 25 feet bgs (ESTIMATED)
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Hydrocarbon Impacted Soils / Spills: (Note estimated size and if impact appears to be surficial or extends to an unknown depth)
 EXCAVATION CONDUCTED. FINAL EXTENT \approx 23' x 18' TO 7' bgs. \approx 100 yds³ OF IMPACTED MATERIAL REMOVED.

Salt Crusted Soils or Impacted Vegetation: (Note estimated size and if impact appears to be surficial or extends to an unknown depth)
 NONE OBSERVED.

Wellhead(s)

Well API	Age	Condition of surface around wellhead	PID Readings	Condition of subsurface (contains recent PID Readings)	Sample taken? Location Sample ID#	Photo Number(s)
05-123-12952	1986	IMPACTED	496 ppm	GOOD	SS1-4/SS-7/SS2-3 SS3-3/SS4-3/SS5-3	2-10

Other observations regarding wellheads:
NONE

Summary

Was impacted soil identified?		No	Yes - less than 10 cubic yards	<input checked="" type="radio"/> Yes - more than 10 cubic yards
Total number of samples field screened:	7	Total number of samples collected:	6	
Highest PID Reading:	496	Total number of samples submitted to lab for analysis:	6	
If more than 10 cubic yards of impacted soil were observed:				
Vertical extent:	7'	Estimated spill volume:	UNKNOWN	
Lateral extent:	23'	Volume of soil removed:	\approx 100 yds ³	
Is additional investigation required? NO, SOURCE REMOVED VIA EXCAVATION AND CONFIRMATION SAMPLING				
Was groundwater encountered during the investigation?				
<input checked="" type="radio"/> No		Yes - not impacted or in contact with impacted soils		Yes - groundwater impacted and/or in contact with impacted soils
Measured depth to groundwater:	NA	Was remedial groundwater removal conducted?	Yes	<input checked="" type="radio"/> No
Date Groundwater was encountered:	NA	Commencement date of removal:	NA	
Sheen on groundwater?	Yes No NA	Volume of groundwater removed prior to sampling:	NA	
Free product observed?	Yes No NA	Volume of groundwater removed post sampling:	NA	
Total number of samples collected:	NA	Total Volume of groundwater removed:	NA	
Total number of samples submitted to lab for analysis:	NA			