

## Flowline Closure Checklist

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

|                                    |  |                      |  |  |                               |             |  |                                |
|------------------------------------|--|----------------------|--|--|-------------------------------|-------------|--|--------------------------------|
| Additional Attachments:            |  | Tank Battery Closure |  | <sup>Flowline</sup> Wellhead Closure<br>Lian D 34-33 |                               | Pit Closure |  | Partially Buried Vault Closure |
| Site Name & COGCC Facility Number: |  | Date: 4/14/2021      |  |  | Remediation Project #:        |             |  |                                |
| Associated Wells:<br>Lian D 34-33  |  | Age of Site:         |  |  | Number of Photos Attached: 19 |             |  |                                |

Starting point: (GPS coordinates and descriptions)  
Well head 40.178433 / -104.596437

End point: (GPS coordinates and descriptions)  
Sep 40.178133 / -104.592018

USCS Soil Type: \_\_\_\_\_ Estimated Depth to Groundwater: \_\_\_\_\_

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

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

#### Flowlines

|                                   |              |  |  |  |  |  |  |
|-----------------------------------|--------------|--|--|--|--|--|--|
| Flowline type                     | 2"           |  |  |  |  |  |  |
| Depth                             | 4'           |  |  |  |  |  |  |
| Age                               |              |  |  |  |  |  |  |
| Length                            | 1,715'       |  |  |  |  |  |  |
| Construction Material             | Steel        |  |  |  |  |  |  |
| Were flowlines pulled?            | Yes          |  |  |  |  |  |  |
| Visual Integrity of lines         | Yes          |  |  |  |  |  |  |
| Visual impacts if trenched        |              |  |  |  |  |  |  |
| PID Readings if trenched          |              |  |  |  |  |  |  |
| Sample taken? Location/Sample ID# | at end point |  |  |  |  |  |  |
| Photo Number(s)                   |              |  |  |  |  |  |  |

Other observations regarding on location flowlines:  
All removed

#### Summary

Was impacted soil identified?  
 No                      Yes - less than 10 cubic yards                      Yes - more than 10 cubic yards

Total number of samples field screened: \_\_\_\_\_ Total number of samples collected: \_\_\_\_\_

Highest PID Reading: \_\_\_\_\_ 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                      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: \_\_\_\_\_



100  
ft



20 ft







100 ft

A22





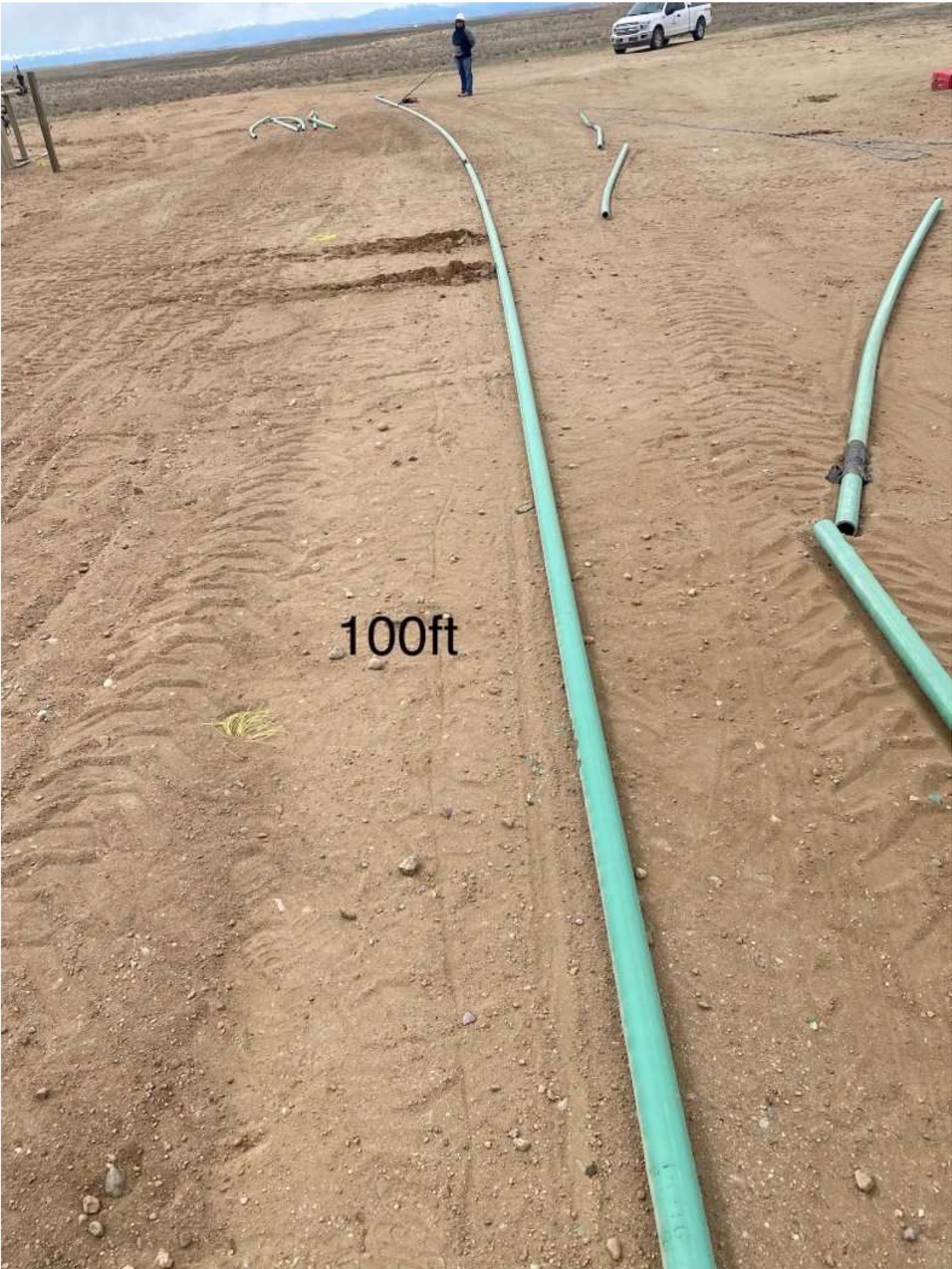
100 ft



100 ft



60 FT



100ft



100 FT



80FT



100 FT



54FT



100 FT



76 FT



100ft



12 FT

100FT

