



Hiland Crude LLC

2.9-mile Crude Oil Pipeline— Williams County

Case No. PU-21-353

Reclamation and Revegetation Inspection Report



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May 20, 2024

RE: Case No. PU-20-430
Bridger Pipeline LLC
2.9-Mile Crude Oil Pipeline – Williams
County
Reclamation and Revegetation Inspection
Report

Mr. Victor Schock
Public Utility Analyst
North Dakota Public Service Commission
600 East Boulevard Avenue, Dept. 408
Bismarck, ND 58505-0480

Dear Mr. Schock:

Attached is the Reclamation and Revegetation Inspection Report for the above referenced project. This report includes the following:

1. Executive Summary
2. Inspection Report
3. Appendix A – Photo Location Map
4. Appendix B - Photographs

Sincerely,

A handwritten signature in blue ink that reads "Matthew Schaible".

Matthew Schaible, PE
Short Elliott Hendrickson Inc.
905 Tacoma Ave., Suite 2
Bismarck, ND 58504

Engineers | Architects | Planners | Scientists

Short Elliott Hendrickson Inc., 905 Tacoma Ave. Suite 2, Bismarck, ND 58504
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EXECUTIVE SUMMARY

Date: 5/15/2024

Project: 2.9-mile Crude Oil Pipeline

Reclamation and Revegetation site visit included visual inspection of Kinder Morgan/Hiland Crude's means and methods in the restoration of wild land and crop land vegetation. The entire ROW was inspected to determine if Kinder Morgan/Hiland Crude had met the requirements laid out by NDPSC's siting rules, siting laws and regulations.

Upon inspection the disturbed area appear to be reclaimed and vegetative growth appeared to match surrounding local native vegetation in both type and density. Crop lands that were being cultivated were barren due to cultivation. No erosion issues appeared to be present.

Issues needing remediation: No immediate issues relating to re-vegetation or crop land reclamation.

This job site is deemed in compliance with NDPSC siting rules, siting laws and regulations.

Evidence of sufficient plant growth includes pictures P5, P10, and P33.

Inspector's Signature



INSPECTOR'S DIARY

Project: 2.9-mile Crude Oil Pipeline		Contractor: Kinder Morgan	
Date: 5/15/24	Day: Wednesday		Subcontractor: Hiland Crude Oil
Weather: Cloudy, winds 10-15mph		Temp: 55 F	Inspector: Dalton Bruce
Work Activities: *No work took place, job was known as complete and pipeline is known as operational.			
Labor Force: None			
Contractor Correspondence: * Inspector was present on a call with Fred Silva III to discuss the inspection date. Hiland Crude was aware and welcoming to the inspection taking place. * Inspector met on-site with Fred Silva III from Kinder Morgan to discuss the day's activities and discuss how best to access the ROW. It was decided that Fred and the inspector would take a side by side offroad vehicle for most of the ROW. * Inspection officially began at 8:15am CDT.			
Other Remarks: * There were several spots where soil had covered previous instances of trench sinking. It was discovered that the landowner had covered these sinks themselves.			

Inspector's Signature



INSPECTOR'S DIARY

Date: 5/15/24

Project: 2.9-mile Crude Oil Pipeline Contractor or Sub: Kinder Morgan/Hiland Crude

Work Performed & Location:

*No work was performed during the inspection. The project was known as completed and the pipeline known as operational.

Inspector arrived at 7:55am and equipped proper PPE. including bug spray, hi-vis vest, and steel toe boots. Fred Silva III arrived at 8am with a side by side off road vehicle with which to expedite the inspection process.

Inspector and Fred proceeded from Terminal East along ROW where inspector took pictures, looked over, and verified that plant growth had established itself and that the ROW had been restored to pre-construction conditions.

Inspector went East from the terminal, then south down to Stony Creek. From there the inspector got back to the road and continued East to double back towards the creek from the other side. Once that part of the inspection was complete, the inspector and Fred Silva III went North to the other Stony Creek crossing. Inspector returned to the site of pictures 14 and 15 to cross the creek on foot and took pictures 39 and 40. Finally, Fred and the Inspector went up through Epping and south past the train tracks to document conditions in the fields in the Northern part of the ROW.

It was noted in several spots (documented in pictures P6-8, and P28-29) that the landowner had remedied localized trench settlement by moving soil and placing it over the settled areas.

Overall inspection noted that vegetation and reclamation efforts were effective to match surrounding plant growth density and type. No immediate issues found for erosion, non-plant growth areas, nor non-reclaimed areas.

CONTRACTOR EQUIPMENT:

Kinder Morgan/Hiland Crude: Side by Side off road vehicle.

Inspector's Signature



Date: 5/15/24

Project: 2.9-mile Crude Oil Pipeline Contractor or Sub: Kinder Morgan/Hiland Crude

Photo Description:

Photo Name: Description:

- P2 - General Site Photos/Revegetation & Land Reclamation
- P3 - General Site Photos/Revegetation & Land Reclamation
- P4 - General Site Photos/Revegetation & Land Reclamation
- P5 - General Site Photos/Revegetation & Land Reclamation
- P6 - General Site Photos/Revegetation & Land Reclamation
- P7 - General Site Photos/Revegetation & Land Reclamation
- P8 - General Site Photos/Revegetation & Land Reclamation
- P9 - General Site Photos/Revegetation & Land Reclamation
- P10 - General Site Photos/Revegetation & Land Reclamation
- P11 - General Site Photos/Revegetation & Land Reclamation
- P12 - General Site Photos/Revegetation & Land Reclamation
- P13 - General Site Photos/Revegetation & Land Reclamation
- P14 - General Site Photos/Revegetation & Land Reclamation
- P15 - General Site Photos/Revegetation & Land Reclamation
- P16 - General Site Photos/Revegetation & Land Reclamation
- P17 - General Site Photos/Revegetation & Land Reclamation
- P18 - General Site Photos/Revegetation & Land Reclamation
- P19 - General Site Photos/Revegetation & Land Reclamation
- P20 - General Site Photos/Revegetation & Land Reclamation
- P21 - General Site Photos/Revegetation & Land Reclamation
- P22 - General Site Photos/Revegetation & Land Reclamation
- P23 - General Site Photos/Revegetation & Land Reclamation
- P24 - General Site Photos/Revegetation & Land Reclamation
- P25 - General Site Photos/Revegetation & Land Reclamation
- P26 - General Site Photos/Revegetation & Land Reclamation
- P27 - General Site Photos/Revegetation & Land Reclamation
- P28 - General Site Photos/Revegetation & Land Reclamation

*See attached Photo Layout Map with location of each photo (P2-P28), and attached pages of photo's

Inspector's Signature



INSPECTOR'S DIARY

Date: 5/15/2024

Project: 2.9-mile Crude Oil Pipeline Contractor or Sub: Kinder Morgan/Hiland Crude

Photo Description:

Photo Name: Description:

- P29 - General Site Photos/Revegetation & Land Reclamation
- P30 - General Site Photos/Revegetation & Land Reclamation
- P31 - General Site Photos/Revegetation & Land Reclamation
- P32 - General Site Photos/Revegetation & Land Reclamation
- P33 - General Site Photos/Revegetation & Land Reclamation
- P34 - General Site Photos/Revegetation & Land Reclamation
- P35 - General Site Photos/Revegetation & Land Reclamation
- P36 - General Site Photos/Revegetation & Land Reclamation
- P37 - General Site Photos/Revegetation & Land Reclamation
- P38 - General Site Photos/Revegetation & Land Reclamation
- P39 - General Site Photos/Revegetation & Land Reclamation
- P40 - General Site Photos/Revegetation & Land Reclamation
- P41 - General Site Photos/Revegetation & Land Reclamation

*See attached Photo Layout Map with location of each photo (P29-P41), and attached pages of photo's

Inspector's Signature

Appendix A

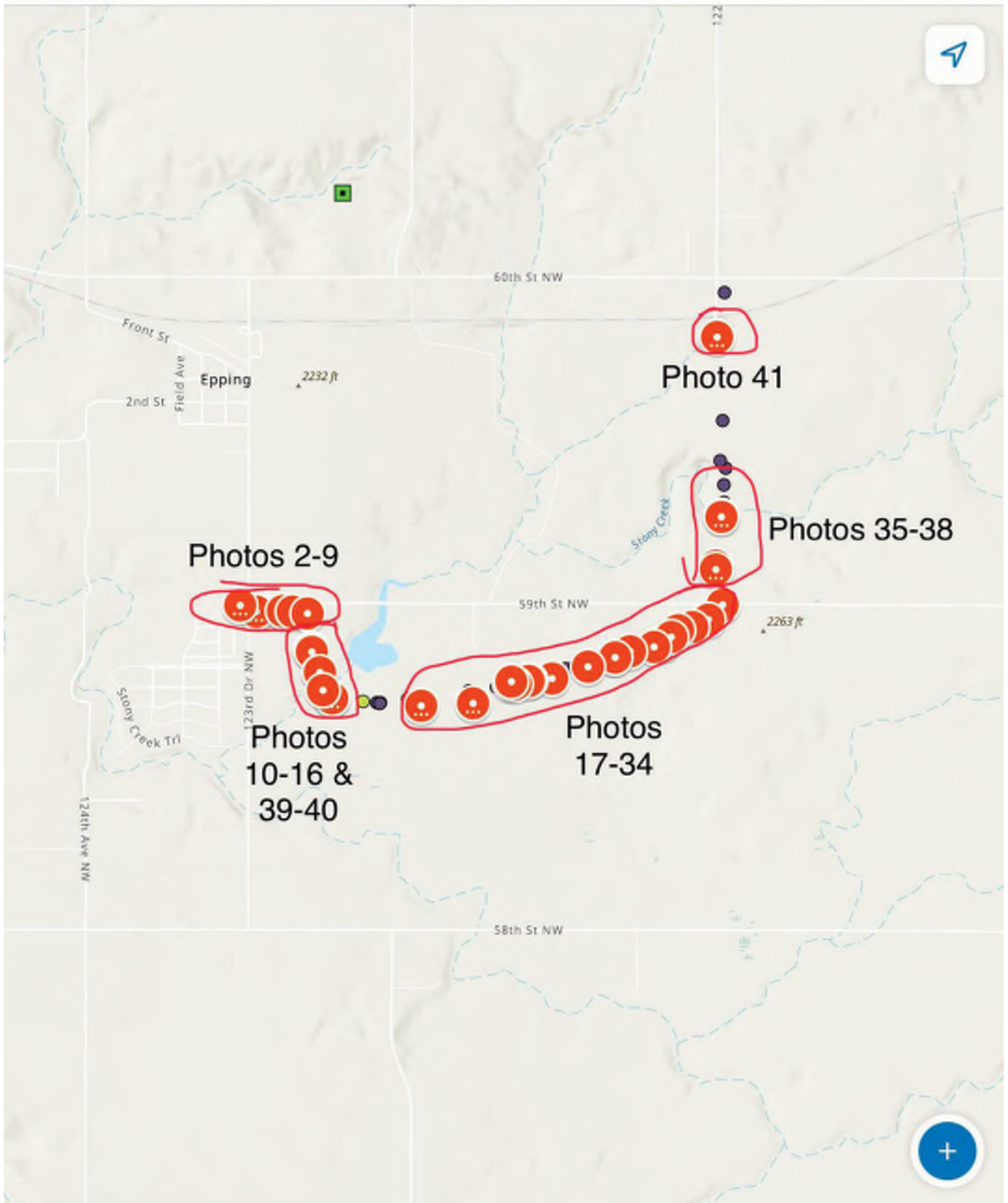
Photo Location Map



NDPSC 165075 - Construction Monitoring



GPS accuracy 37.4 ft · 30 ft required



Appendix B

Photos



P2: Looking North at terminal. Area is still actively being used as an access world.



P3: looking West, substantial vegetative cover.



P4: looking East, evidence of plant growth, but lots of bare soil.



P5: Looking East, substantial vegetative growth.



P6: looking West: Area where landowner has filled previous trench sinkage on their own.



P7: Looking SW, farmer filled in section of trench sinkage, almost no vegetative cover.



P8 looking S, sinkage remedied by the landowner, notice plant cover adjacent to fill location.



P9 looking East, adequate vegetative cover along ROW, no issues.



P10 looking South, substantial vegetative cover. No issues.



P11 looking SSE, adequate vegetative cover, and evidence of seeding.



P12 looking SE, some bare patches of soil, and some cracking present.



P13 looking S, patches of soil visible, however, seeding pattern is visible. This spot hasn't grown in yet.



P14 looking NNW, adequate vegetative cover established.



P15 looking NE, visible dead grass, and some soil visible.



P16: No evidence of sediment deposit in the creek. Marshy areas seem undisturbed.



P17, looking SW, landowner has been working field. No issues.



P18 looking NE, minor trench sinkage and substantive crop cover. Landowner has been working the field.



P19 looking SW, No issues.



P20 looking WSW, No issues.



P21 looking WSW, no issues.



P22 looking SW, localized trench sinkage and soil cracking.



P23 looking NE, localized trench sinkage.



P24 looking SW, no issues.



P25 looking NE, no issues.



P26 looking SW, minor trench sinking along ROW. Landowner has been utilizing the area.



P27 looking WSW, no issues.



P28 looking S, spot where landowner came in and removed soil to fill trench sink spots.



P29 looking W, area where landowner deposited soil to cover trench sink.



P30 looking W, no issues.



P31 looking W, no issues. Landowner worked land previously.



P32 looking W, vegetative cover present, some bare spots present. Likely needs more time to grow.



P33 looking W, ground completely covered with plant life.



P34 looking W, wetlands untouched. No issues.



P35 looking SE, localized sink in farm field, however, landowner was working land anyway.



P36 looking NE. Minor trench sink, however landowner was working land anyway.



P37 looking SSE, no issues.



P38 looking N, no evidence of sediment deposition in creek.



P39 looking East, no issues.



P40 looking NW, no issues.



P41 looking SSE, no issues. Farmer actively working their land.



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Sustainable buildings, sound infrastructure, safe transportation systems, clean water, renewable energy and a balanced environment. Building a Better World for All of Us communicates a companywide commitment to act in the best interests of our clients and the world around us.

We're confident in our ability to balance these requirements.

