



Hiland Partners  
Holdings LLC  
a Kinder Morgan company

May 4, 2017

Darrell Nitschke  
Executive Secretary  
North Dakota Public Service Commission  
600 East Boulevard, Dept. 408  
State Capital- 12<sup>th</sup> Floor  
Bismarck, ND 58505-0480



RE: Hiland Crude, LLC.  
Dore Crude Oil Loop Pipeline- McKenzie County  
Post Construction Inspection Reclamation Report  
Case No. PU-14-840

Mr. Nitschke,

Hiland Partners, LLC (Hiland) received a letter and post construction inspection report, dated March 6, 2017, on March 16, 2017. After review of the report and numerous field visits to confirm items of concern made by Wenck Associates, Inc. it was determined that four of the ten areas of interest were in need of additional reclamation activities on the Dore Crude Oil Loop Pipeline. Further discussion of each recommendation is provided below. Hiland contracted with Wade Works to perform reclamation activities on the identified sites. Reclamation activities included applying additional topsoil material in areas where insufficient topsoil was present to level sites and reseeding portions of the permanent right-of-way which had not re-established. Hiland performed reclamation activities on April 27<sup>th</sup> of 2017. Photographic evidence and descriptions of these reclamation activities is described below as well as provided as Attachment A. The seed ticket has been provided for areas receiving seed, Attachment B.

Construction of the Dore Crude Oil Loop Pipeline occurred during the spring and summer of 2015. Due to construction timeframes the identified issues, reseeding, are not uncommon in the pipeline industry. It should be noted that no landowner complaints had/have been received for any of these properties prior to the Public Service Commission inspection report. Hiland appreciates the oversight from the Public Service Commission.

Wenck provided ten (10) areas of interest for resolution of issues identified during their site visit on July 27, 2016. As discussed above, four of the ten items appeared to be applicable to this pipeline project. All ten recommendations are discussed below with the original Wenck comment in italics and remediation efforts by Hiland in bold below each respective statement.

- 1) *Pipeline ROW crosses irrigation canal (bored) and then goes through crop field (Photo #1, Point #2).*

**Hiland did not perform additional post-construction activities at this site. Visual field observations were made at this location and determined that the pipeline corridor had no potential vegetation issues. Hiland will continue to monitor the site to ensure vegetative growth.**

- 2) *Photo taken near road looking at road ditch and wheat field. Weeds (Canadian thistle) observed throughout the road ditch (Photo #2, Point #3).*

**Hiland has contacted the landowner/ farmer for this property. Hiland reached an agreement with the farmer were that he would extend his weed spray boom over the area during his scheduled spraying. The application of herbicide on this area should satisfy this item.**

- 3) *Wheat field shows small undulation (center of photo) in the wheat where the pipeline ROW is located; did not appear to be any noticeable amount of soil subsidence (Photo #3, Point #3).*

**Hiland has contacted the landowner/ farmer for this property (same property as comment 2.) The farmer indicated that he is going to prepare this field for sugar beets. Cultivation practices for this crop are that the site must be level for irrigation activities. Hiland reached an agreement with the farmer that he would perform the necessary grading activities during his planting activities.**

- 4) *ROW goes through field. Trees in distance were bored under. There is still some difference in the vegetation in the field as a result of the pipeline disturbance (Photo #4, Point #4).*

**Hiland performed visual field observations on this site and indicated that the pipeline corridor was established. No landowner requests have been received for this property. Hiland did not perform any additional post-construction activities on this property. Hiland will continue to monitor the site to ensure vegetative growth.**

- 5) *Pipeline scar still visible in rangeland. Grasses with some weeds growing throughout the ROW (Photo #5, Point #6).*

**Hiland performed visual field observations on this site and indicated that the pipeline corridor was established. Hiland did not perform and additional post-construction activities on this property. Hiland will continue to monitor the site to ensure vegetative growth.**

- 6) *ROW crosses through crop field (Photo #6, Point #6).*

**Hiland performed visual field observations on this site and indicated that the pipeline corridor was established. Hiland did not perform and additional post-construction activities on this property.**

- 7) *.Pipeline ROW with pipeline markers, showing vegetation along hilly area. Notice the light colored erosion control blanket on the hill in the background. Area was seeded in the fall of 2015 and the spring of 2016 and mowed in the summer of 2016 (Photo #7, Point #7).*

**Hiland performed additional post-construction activities on this site. Activities included grading of the site and application of additional seed on both slopes of the identified coulee. Photographic evidence of activities is shown in Photos 1 and 2.**

- 8) *Zoomed in view from above photo. Light colored area is an erosion control blanket on the hillslopes in the background. Area was seeded in the fall of 2015 and spring of 2016 and mowed in the summer of 2016 (Photo #8, Point #7).*

**Same comment as Item 7, above.**

- 9) *Grasses and some weeds growing, very few noxious weeds, along with some bare ground visible in the pipeline ROW, likely 40-60% vegetation cover in this area. This is a grassland area and is not being grazed. Ara was seeded in the fall of 2015 and reseeded spring of 2016. Area was mowed in summer of 2016. Area has sandy soils (Photo #9, Point #8).*

**Hiland performed additional post-construction activities on this site. Hiland performed light disking and reseeding along the pipeline right-of-way for this portion of the pipeline. Photographic evidence of activities is shown in Photos 3, 4 and 5. Approximately 20lbs/ acre of seed was used for reclamation. A seed ticket is attached in Appendix B.**

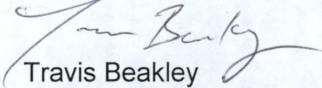
- 10) *ROW through alfalfa field. Vegetation looks very good (Photo #10, Point #9).*

**Hiland did not perform any reclamation activities at this site. Based upon visual inspection the site appears to be reclaimed.**

Hiland is requesting that these actions be considered final and reclamation activities are completed. If the commission agrees with this statement written correspondence recommending closure these items is requested by Hiland.

Should you need any additional information regarding the reclamation activities discussed above or the process that Hiland took to correct these actions please feel free to contact Travis Beakley at 719-520-3738 or via email at [travis\\_beakley@kindermorgan.com](mailto:travis_beakley@kindermorgan.com).

Sincerely,



Travis Beakley  
Specialist- Permitting Compliance SR I  
Kinder Morgan, Inc.

Enclosed:  
Attachment A- Photo Log of Activities  
Attachment B- Seed Ticket

Attachment A  
PU-14-840 Dore Crude Oil Loop Pipeline  
Reclamation Photos taken May 1, 2017

# PU-14-840 Photo Location Map

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Legend  
Photo

Photo 1  
Photo 2  
Photo 3 and 4  
Photo 5



4 mi

Google earth

© 2016 Google

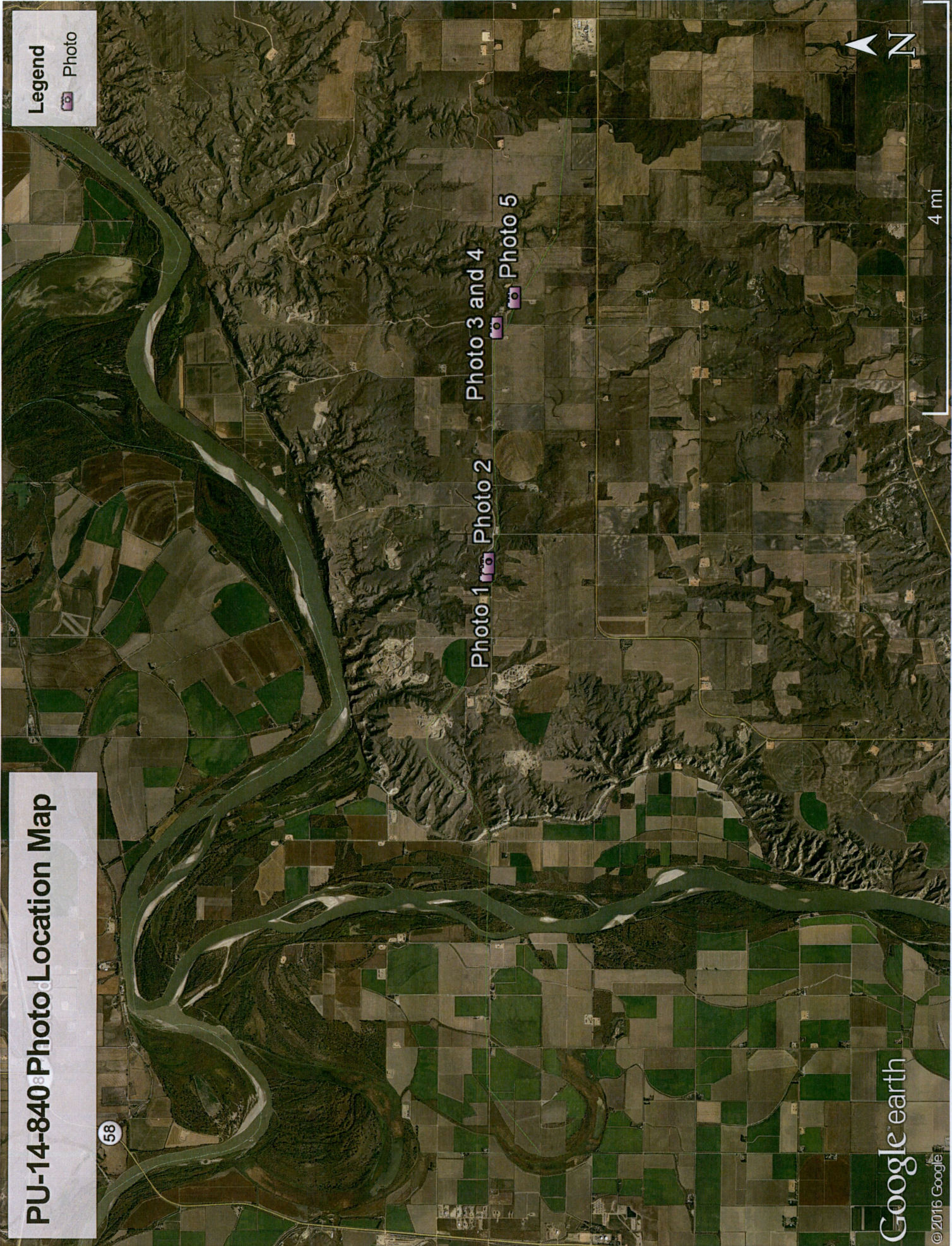




Photo 1- Addresses Recommendation 7 (Pre-Reclamation)



Photo 2- Addresses Recommendation 7 (Post-Reclamation)



Photo 3- Addresses Recommendation 9 (Pre-Reclamation)



Photo 4- Addresses Recommendation 9 (Post-Reclamation)



Photo 5- Addresses Recommendation 9 (Post-Reclamation)



**Attachment B**  
**Seed Ticket**

Ship To

KINDER MORGEN  
 611 37th Ave SE, Bldg 29  
 WILMINGTON, ND 55801

P.O. No.	Ship	Via	FOB	Proje
MONSON	10/17/2016			

Quantity	Item Code	Description
18.18	WESTERN WHEATGRAS...	
10.49	GREEN NEEDLEGRASS (...)	
1.94	SLENDER WHEATGRAS...	
9.71	BIG BLUESTEM (NEW)	
9.68	SIDEOATS GRAMA (NEW)	
4.5	ACRES (NEW)	
1	SHIPPING	44.62 PLS LBS; 50 BULK LBS FOR 4.5 ACRES SEED 11.11 LBS PER ACRE UPS Sales Tax