



## Project Inspection Report

**Project Name:** Basin Transload Lignite Pipeline Project 10" Crude Line, Burke County ND

**PSC Case Number:** PU-12-775

**Inspector:** Tony Ross, E3 Environmental, LLC    **Date:** November 13, 2013

### **Observations / Corrective Actions:**

Ross met with Steve Shuman on Wednesday November 13, 2013 to conduct a final inspection of the Basin Transload Lignite Pipeline Project (PU-12-775). Mr. Shuman provided Ross with a set of the as-built alignment sheets to aid in this inspection. Below are a summary of the project conditions at the time of inspection, a more detailed account and photographs are contained in the attached Inspection Log and corresponding photograph documentation.

1. General housekeeping measures were poor, trash and other debris remain on the ROW; additional cleanup is recommended.
2. Silt fence present on the ROW is installed improperly and is not functioning properly, corrective actions are recommended.
3. Rutting and an overall rough grade was observed throughout the majority of the ROW. Specifically it was noted that the wetlands traversed by the project have not been returned to their pre-construction conditions. Additional grading and reclamation measures are recommended.

### Basin Transload Lignite Pipeline

Inspection Log  
Inspector name: Tony Ross

Inspection Date	Image Reference No.	ROW Condition	Photo Location	Recommendation	Continued Work Needed	Final Stabilization Achieved
<b>SECTION B: CONSTRUCTION DEBRIS/TRASH</b>						
11/13/2013	5	Trash on ROW	N48 53 19.09 W102 44 2.43	Properly dispose of	Yes	No
11/13/2013	9	Trash on ROW	N48 53 14.97 W102 43 9.21	Properly dispose of	Yes	No
11/13/2013	11	Partially buried metal strap	N48 53 15.17 W102 43 14.81	Properly dispose of	Yes	No
11/13/2013	12	Inspector collected and piled trash	N48 53 15.42 W120 41 57.06	Properly dispose of	Yes	No
11/13/2013	13	Partially buried barbed wire fencing	N48 53 15.24 W102 41 55.01	Properly dispose of	Yes	No
11/13/2013	14	Partially buried barbed wire fencing	N48 53 15.30 W102 41 45.16	Properly dispose of	Yes	No
11/13/2013	18	Partially buried barbed wire fencing	N48 53 15.29 W102 40 33.95	Properly dispose of	Yes	No
11/13/2013	27	Inspector collected and piled trash	N48 53 15.53 W102 39 20.38	Properly dispose of	Yes	No
11/13/2013	32	Partially buried railroad tie	N48 53 19.11 W102 36 6.12	Properly dispose of	Yes	No
11/13/2013	33	Partially buried railroad tie	N48 53 18.12 W102 36 7.22	Properly dispose of	Yes	No
11/13/2013	38	Partially buried railroad tie	N48 53 15.27 W102 37 2.38	Properly dispose of	Yes	No
<b>SECTION C: NOTED ANOMOLIES</b>						
11/13/2013	1	Rough ROW	N48 53 18.90 W102 44 10.35	Regrade	Yes	No
11/13/2013	4	Rough ROW	N48 53 19.12 W102 44 2.58	Regrade	Yes	No
11/13/2013	6	Rough ROW	N48 53 19.06 W102 43 52.49	Regrade	Yes	No
11/13/2013	7	Rough ROW	N48 53 18.83 W102 43 37.87	Regrade	Yes	No
11/13/2013	8	Rough ROW	N48 53 15.53 W102 43 9.97	Regrade	Yes	No
11/13/2013	15	Rough ROW	N48 53 15.50 W102 41 37.96	Regrade	Yes	No
11/13/2013	17	Contractor drove through a perennial creek and there is no evidence of matting boards being used; rutted	N48 53 15.16 W102 41 36.20			No
11/13/2013	20	Rough ROW	N48 53 15.83 W102 39 8.30	Regrade	Yes	No
11/13/2013	22	Contractor drove through a wetland and there is no evidence of matting boards being used; extremely rutted	N48 53 15.47 W102 39 8.52			No
11/13/2013	23	Contractor drove through a wetland and there is no evidence of matting boards being used; extremely rutted	N48 53 15.21 W102 39 6.40			No
11/13/2013	24	Rutted ROW/wetland edge	N48 53 15.33 W102 39 3.20	Regrade	Yes	No
11/13/2013	25	Rutted ROW/wetland edge	N48 53 15.50 W102 39 1.75	Regrade	Yes	No
11/13/2013	29	Contractor drove through a wetland and there is no evidence of matting boards being used; rutted	N48 53 14.98 W102 38 41.26			No
11/13/2013	30	Rough ROW	N48 53 14.81 W102 38 1.63	Regrade	Yes	No
11/13/2013	31	Rough ROW	N48 53 19.17 W102 36 6.05	Regrade	Yes	No
11/13/2013	34	Contractor drove through a wetland and there is no evidence of matting boards being used; extremely rutted	N48 53 17.09 W102 36 8.59			No
11/13/2013	36	Rough ROW	N48 53 14.32 W12 36 24.22	Regrade	Yes	No
11/13/2013	37	Rutted Row	N48 53 15.40 W102 36 45.40	Regrade	Yes	No
11/13/2013	39	Contractor drove through a wetland and there is no evidence of matting boards being used; rutted	N48 53 15.04 W102 37 3.58			No
11/13/2013	40	Subsidence	N48 53 14.90 W102 36 43.22	Regrade	Yes	No
<b>SECTION D: ECDs</b>						
11/13/2013	2	Improperly installed silt fence	N48 53 18.81 W102 44 9.30	Remove silt fence and install straw waddle	Yes	No
11/13/2013	3	Improperly installed silt fence	N48 53 19.08 W102 44 2.87	Remove silt fence and install straw waddle	Yes	No
11/13/2013	10	No ECD in place at wetland edge	N48 53 15.05 W102 43 9.07	Install straw waddle	Yes	No
11/13/2013	16	Improperly installed silt fence	N48 53 16.01 W102 41 38.13	Remove silt fence and install straw waddle	Yes	No
11/13/2013	19	No ECD in place at natural drainage edge	N48 53 15.44 W102 39 27.56	Install straw wattles on both sides of ROW	Yes	No
11/13/2013	21	Improperly installed silt fence	N48 53 15.29 W102 39 8.39	Remove silt fence and install straw waddle	Yes	No
11/13/2013	25	No ECD in place at wetland edge	N48 53 15.50 W102 39 1.75	Install straw waddle	Yes	No
11/13/2013	26	Improperly installed silt fence	N48 53 15.27 W102 39 8.36	Remove silt fence and install straw waddle	Yes	No
11/13/2013	28	No ECD in place at wetland edge	N48 53 15.03 W102 38 40.79	Install straw wattles on both edges of wetland	Yes	No

# Basin Transload Lignite Pipeline Inspection Results

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Image 1:



Image 2:

# Basin Transload Lignite Pipeline Inspection Results

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Image 3:



Image 4:



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Image 5:



Image 6:



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Image 7:



Image 8:

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Image 9:



Image 10:

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Image 11:



Image 12:



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Image 13:



Image 14:

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Image 15:



Image 16:



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Image 17:



Image 18:



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Image 19:



Image 20:

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Image 21:



Image 22:

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Image 23:



Image 24:

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Image 25:



Image 26:

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Image 27:



Image 28:



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Image 29:



Image 30:



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Image 31:



Image 32:

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Image 33:



Image 34:

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Image 35:



Image 36:



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Image 37:



Image 38:



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Image 39:



Image 40: