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May 23, 2013

Patrick Fahn  
Public Utility Analyst  
North Dakota Public Service Commission  
600 E. Boulevard Ave., Dept 408  
Bismarck, ND 58505-0480



Mr. Fahn,

E3 Environmental, LLC (E3) conducted an on-site inspection of the Basin Transload Lignite Pipeline Project (Project, PU-12-775). Greg Underwood, E3 Environmental, met with Basin Tranload's representative Bob Jeffries on Thursday May 16, 2013.

At the time of inspection it was noted that sufficient erosion control devices were missing as well as adequate secondary containment. These observations are detailed in the attached report and have been discussed via phone with Ray Sheldon (Basin Transload).

Please contact me at 651-282-0652 or William McCarthy 651-282-0650 if you have any questions or concerns.

Regards,

A handwritten signature in cursive that reads 'Katie Schmidt'.

Katie Schmidt  
E3 Environmental, LLC



## Project Inspection Report

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

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

**Inspector:** Greg Underwood, E3 Environmental, LLC      **Date:** May 16, 2013      **Time:** 8:00 am

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

Underwood conducted an inspection of the project on May 16, 2013. At the time of inspection approximately 100% of the ROW had been cleared and prepared for construction. All pipe has been strung, welded or installed. Photos were taken to document the inspection findings and the following corrective actions are recommended.

1. Implement Housekeeping Measures (pick up trash, construction debris along ROW); Photos 1.
2. Erosion and sediment control (ESC) measures missing at wetland/waterway crossings. Stabilization and ESC measures should be placed ASAP to prevent sediment from entering these features as required by the NPDES regulations; Photos 2-4 provide examples, it is recommended that all crossings be inspected for proper placement/use of these measures.
3. Secondary containment is missing around pumping equipment; containment is required per SPCC regulations; Photo 5.
4. Filtration and energy dissipation measures not being utilized to filter surface water being pumped from wetland located east of 89<sup>th</sup> Ave NW; use of these devices was identified as a mitigation measure in PSC filing. Photo 6.

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### Photographs:



Photo: 1: Construction Debris on ROW



Photo: 2: Pipeline installation was done via HDD, equipment travel appears to have occurred through waterway without the placement/ use of erosion/sediment control measure to protect waterway. Also stabilization of disturbed banks has not been initiated.

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**Photo: 3: No erosion or sediment control devices in place to protect wetland in the background.**



**Photo: 4: No erosion or sediment control devices in place to protect wetland in the background.**

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**Photo: 5: Use of pumps and gas can within mapped wetland; no secondary containment or spill measures in place. Taken to the east of 89<sup>th</sup> Ave. NW where pumping activities were occurring at time of inspection.**



**Photo: 6: Water being discharged to wetland without use of filtration or energy dissipation to prevent sediment from entering waterway, scouring or erosion.**