

**Basin Transload, LLC Crude Oil Pipeline, Burke County, ND. (PSC Case No. PU-12-675)**

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Permit Compliance Review

NDPUC Contract No.: PU-686-005

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Executive Summary:

Houston Engineering, Inc. (HEI) are under contract with the North Dakota Public Services Commission (NDPSC) to complete permit compliance review and inspection of construction activities, as part of the Basin Transload Crude Oil Pipeline in western North Dakota (PU-12-675). The following is a report summarizing the first site visit on September 3<sup>rd</sup>, 2014. One permit compliance site visit has been completed. The focus of the site visit was to assess environmental and siting compliance in terms of avoiding and protecting sensitive areas. The following summarizes the observations:

- Reviewed with construction managers, several wetlands that were to be avoided according to the permit, and one that will require directional boring to avoid wetland impacts. Pipeline corridor is currently laid out on the surface, and the placement indicates wetland avoidance and future directional boring, which is in compliance with the permit.
- The Field Superintendent of TRE Constructors explained that an adjacent resident has placed a mobile home and completed some tree leveling activities adjacent to the right-of-way (ROW) since the ROW purchase activities had been completed. The pipeline has already been laid out to avoid this group of trees, so it appears that the landowner has indeed completed additional tree removal.
- Erosion control was observed to be in place, and consisted of earthen berms, and topsoil cuts to direct runoff to localized discharge points. These points were stabilized with bio roll. Dewatering bags were also on site and had been used to retain sediment during dewatering activities.

Future Activities for the next reporting period:

HEI will coordinate with the contractors to schedule one additional permit compliance site review after construction is complete.

# Photos



Photo 1: Pipeline laid out, Pipeline laid out, ready for permanent placement.



Photo 2: Livestock pond to be avoided by directional boring.



Photo 3: Mobile home adjacent to right-of-way. Cleared trees are to the left of the photo.



Photo 4: Remains of trees cleared by adjacent resident.



Photo 5: Wetland avoidance.



Photo 6: Pipeline laid out, ready for permanent placement.