

Hamre, John G.

From: Fahn, Patrick J.
Sent: Friday, January 10, 2014 11:49 AM
To: Hamre, John G.
Subject: FW: PU-11-680 MDU Heskett Pipeline Interim Inspection Report
Attachments: Interim Inspection Report 1.7.14.pdf; Patrick Fahn.vcf

Please docket

Patrick Fahn

Director
Compliance and Competitive Markets

North Dakota Public Service Commission
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From: Roshan A. Grieme [<mailto:rgrieme@wenck.com>]
Sent: Tuesday, January 07, 2014 3:26 PM
To: Fahn, Patrick J.
Cc: Kevin J. Magstadt
Subject: PU-11-680 MDU Heskett Pipeline Interim Inspection Report

Mr. Fahn,

Please see the attached interim inspection report for the 24 mile MDU Heskett Natural Gas pipeline in Morton County (PSC Case No. PU-11-680).

If you have any questions please give me or Kevin a call.

Thanks,

Roshan

Roshan Grieme, EIT
Wenck Associates Inc., 301-1st Street NE, #202, Mandan, ND 58554-3370
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Interim inspection report

TECHNICAL MEMORANDUM

TO: Patrick Fahn (North Dakota Public Service Commission)
FROM: Roshaan Grieme (Wenck Associates, Inc.)
DATE: January 7, 2014
SUBJECT: PU-11-680 MDU Heskett Pipeline Interim Inspection Report
Cc: Kevin Magstadt, P.E. (Wenck Associates, Inc.)

Interim Inspection Report

Site Visit: December 3, 2013

Montana-Dakota Utilities Co. – Heskett Station Natural Gas Pipeline – PSC Case No. PU-11-680

In attendance:

- David Yexley – Director of Business Development and Special Projects – Montana-Dakota Utilities Co.
- Thomas Hitz – Environmental Inspector – ProSource Technologies
- Kevin Magstadt – Regional Manager – Wenck Associates, Inc.
- Roshaan Grieme – Junior Engineer – Wenck Associates, Inc.
- Lucas Nelson – Junior Engineer – Wenck Associates, Inc.

At the time of inspection, nearly all pipe installation work had been completed. All pipe lowering, bores, and backfilling were finished. Work was ongoing at the Northern Border interconnect and at the pipeline termination point at Heskett Station. Wenck observed that silt fence and erosion control devices were in place at the appropriate locations (e.g. wetland boundaries, stream crossings, etc.). Construction appeared to be proceeding as planned with appropriate environmental mitigation measures in place.

Some of the observed areas of interest include (see attached pictures and map):

- Non-jurisdictional wetland needs to be restored near the south end of the project (Picture #1, Point #11);
- Pipe bored under a group of pine trees near middle of project; no impact to trees (Picture #2, Point #13);
- Avoided impacts to about 90 trees within ROW near middle of project (Picture #3, Point #16);
- Some tree removal near north end of the project (Picture #4, Point #49);
- Topsoil imported and installed on sandy hill cut to help minimize erosion (Picture #5, Point #58);

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- Pipe bored under non-jurisdictional wetland with minimal impact; plans originally called for pipe to be routed around the wetland (Picture #6, Point #62);
- Hay bales and straw waddles used in areas of possible water flow concentration;
- Silt fence used in all other areas downgradient from disturbance where required;
- Slope breakers used on slopes meeting grade and length criteria;
- Near isolated low areas with no surface outlet, erosion/sediment control measures were not present downgradient from disturbance.

Prepared by:



Roshan Grieme, EIT
Junior Engineer

Enclosed

- Attachment 1: Figure 1 – Interim Inspection GPS Waypoints
Attachment 2: Photo Log with Notes

Attachment 1

Figure 1 – Interim Inspection GPS Waypoints



NORTH DAKOTA PUBLIC SERVICE COMMISSION

MDU Heskett Station Natural Gas Pipeline (PU-11-680)
 Interim Inspection

Engineers - Scientists
 Business Professionals
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 701-751-3370

JAN 2014

Figure 1

Attachment 2

Photo Log with Notes



Photo 1. Direction: Northeast (GPS Point #11). Non-jurisdictional wetland which will need to be restored.



Photo 2. Direction: Northeast (GPS Point #13). Pine trees bored under with no impacts.



Photo 3. Direction: East (GPS Point #16). Avoided impacts to trees within ROW.



Photo 4. Direction: North (GPS Point #49). Pipeline passes through wooded area; some trees removed.



Photo 5. Direction: North (GPS Point #58). Pipeline route passes through sandy hills, requiring large cut sections. Topsoil was imported and placed on top of disturbed area to help control erosion.



Photo 6. Direction: North (GPS Point #62). Pipeline bored underneath non-jurisdictional wetland with minimal impact.



Photo 7. Direction: Northwest (GPS Point #6). Pipeline bored underneath the Little Heart River.



Photo 8. Direction: West (GPS Point #8). Slope breaker.



Photo 9. Direction: North (GPS Point #52). South end of bore passing under the Heart River, BNSF Railroad, and I-94 Business Loop.



Photo 10. Direction: Northwest (GPS Point #43). Pipeline route veers northwest through agricultural fields.