

Hamre, John G.

From: Fahn, Patrick J.
Sent: Monday, September 22, 2008 2:57 PM
To: Hamre, John G.
Subject: FW: PSC Case Number PU-06-421
Attachments: North Spread Report 9-18 & 9-19-08.pdf

John - please docket in 06-421 by Kadrmas and then forward to Commissioners, PUD, and Legal.

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North Dakota Public Service Commission
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-----Original Message-----

From: Mark Anderson [mailto:mark.anderson@kljeng.com]
Sent: Monday, September 22, 2008 2:52 PM
To: Fahn, Patrick J.
Subject: PSC Case Number PU-06-421

Patrick:

Here is last week's report for the North Spread. I am compiling all the pictures onto a CD and will forward you a copy. We have been having some trouble with our FTP site and we recently had a fire in our VC office to the internet connections, etc we are using are temporary and makes it difficult to upload onto the FTP site. I will get the CD of all the pictures to date in the mail to you today or tomorrow. Thanks.

Mark

Mark Anderson, PE
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DAILY REPORT

Job Site: North Spread

Date: 9-18 & 9-19 2008

Location and
Operations Observed:

MP	23-25	No Activity
MP	28-29	lowering in
MP	30-32	No Activity
MP	66-70	Padding & Backfill
MP	71-72	lowering in

General Notes: With another nice week of weather,
work is progressing well on the North Spread.
In visiting with Enesco Construction Manager Bill Laffan,
he reported averaging 3 miles of pipe / day being
towered in the trench. There are many gaps in
the project that still need to be tied in, but he
has a number of crews working at various locations
to complete the tie-ins. Work on the HAD in the
Pembina Gorge is now in its early stages as well.
There were a number of environmental details to
work out before the bore could proceed. We discussed
a time table for completion of the lowering-in process

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DAILY REPORT (Cont.)

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and the initial backfilling of the pipeline trench. Bill Latham still believes this process will be completed by October 20th of this year, weather permitting. He is aware of our concerns with using frozen embankment as trench backfill and stated they would not use frozen fill in this process.
MP 23-25

No activity was observed. Most of the pipe is in the trench & backfilled on this reach. I observed a substantial stockpile of spoil remaining on the east side of the trench. It appeared to be excess embankment. However as the pictures denote, the stockpile contains a large amount of rock of varying sizes. Section 4.11.2 of the Keystone Construction Mitigation & Reclamation plan, states the land surface will be left in a condition similar to adjacent soils. I asked the contractor of his intentions for this area. He indicated they used sand to bed the pipe, what I was looking at is excess, unsuitable, backfill material, which they intend to haul away and dispose of off site.

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MP 28-29

I observed contractors lowering - in & backfill process. This portion of the project traverses through wetlands. As such they have to use local backfill. Since there are some rocks in this material that cannot be run through the padder, the contractor has wrapped the entire pipe in a yellow synthetic material that will protect the pipe from damage due to small rock hitting the pipeline during backfill. Since the anticipated hydraulic pressures are high enough to warrant counter weights for ballast to weight the pipe down, the contractor is stockpiling saddlebag weights in accordance with detail* 34 of the keystone CMRP to hold the pipe in place through this wetland.

MP 30-32

No activity observed. Most of the pipe has been buried & backfilled in this area. Topsoiling & cleanup to be done.

MP 66-70 observed Padding & backfill procedures.

MP 71-72 observed lowering in operation.

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The following deviations from the finding of facts were found:

- None -

Signature: Dennis Markusen

Print Name: Dennis Markusen