

Hamre, John G.

From: Fahn, Patrick J.
Sent: Thursday, February 05, 2009 8:49 AM
To: Hamre, John G.
Subject: FW: PSC Project PU-06-421
Attachments: 100_1293.jpg; 100_1294.jpg; North Spread Report 2-4-09.pdf

John - please docket in 06-421 from KLJ and then forward to Commissioners, PUD and Legal

Patrick Fahn
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-----Original Message-----

From: Mark Anderson [mailto:mark.anderson@kljeng.com]
Sent: Wednesday, February 04, 2009 6:26 PM
To: Fahn, Patrick J.
Subject: PSC Project PU-06-421

Patrick:

Please find Dennis' report for today. Please note the items raised in his email below. Dennis is planning to attend the meeting tomorrow with Keystone's geotechnical specialist just to gather information. Please give me a call tomorrow if you have a chance. I will be out from 9:30am until noon. After that I will be available on my cell phone. Thank you Patrick.

Mark

Following is the email I received from Dennis:

Mark;

As Jon may have told you, Bill Laffoon, EnSCO Construction Supervisor, asked to meet me on site to discuss the latest developments. I met, him @ 9:30 a.m. Keystone is quite concerned, and so they are dispatching a geo-technical person tomorrow to review the site, and make recommendations.

Bill has invited me to attend if I want to. He is going to call when they leave Grand Forks.

I did note a deviation from plan because of the sink holes in the forested section. It appears to be in contradiction to Fact #31 as established by the NDPSC, even though it was not purposely done by the contractor. It was an indirect result of the boring operation.

If you don't think I should or need to attend, please let me know. There is always plenty to do....but I don't want to drop the ball on something I should be doing.

Please let me know at your convenience.

636 PU-06-421 Filed: 2/4/2009 Pages: 7
Keystone Independent North Spread Report

Dennis Markusen, PLS

Mark Anderson, PE

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PSC CASE NUMBER: PU-06-421

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Engineers Surveyors
Planners

DAILY REPORT

Job Site: North Spread

Date: 2-4-2009

Location and Operations Observed: Mi. 7 - Pembina River Crossing

General Notes: Bill Laffoon, Resident Construction Supervisor
for Universal Ensco, met with me on-site
today to discuss the sink-hole problem that
recently developed with the HDD operation, recently
completed in the Pembina River west of Walthalla
N.D.

Bill received a call from the
head of Keystone Pipeline expressing their concern
with this development. Bill said they are
sending a Geo-Technical expert to visit the site
tomorrow morning. This person has worked with
Keystone helping develop solutions to this type of

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DAILY REPORT (Cont.)

Date 2.4.2009

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problem. He is expected to arrive at approximately 10:00 a.m. on Thursday. Their intentions are to review the site, & develop a plan to address the problem. Bill has invited me to attend if I had the time. He will call tomorrow when they are ready to leave for the job site.

We also discussed the need for more security fence on the north end, near the entry point, & also south of the Southernmost sink hole, to the crest of the hill. Bill was going to get a detail going on that later today.

I will report again as soon as I have any new information. For now the plan is to secure the area & keep the public away from the holes.

Bill said the operators of a snow mobile trail that runs through this area have been notified that his trail is closed at this location, until further notice.

PSC CASE NUMBER: PU-06-421

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DAILY REPORT (Cont.)

Date 2-4-2009

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The following deviations from the finding of facts were found:

I believe a deviation from the finding of fact, put
out by the NDPS, has occurred as a result of this
series of cave-ins. The last sentence of paragraph 31
states: "The pipe line will not impact the forested areas
of the Tetrault Woods State Forest".... I observed, as
reported a sink-hole directly under trees I believe to
be in the State Forest.

Signature: Dennis Markusen

Print Name: Dennis Markusen



