

Hamre, John G.

From: Fahn, Patrick J.
Sent: Tuesday, July 29, 2008 8:35 AM
To: Hamre, John G.
Subject: FW: Case Number PU-06-421
Attachments: North Spread Report 7-23-08.pdf; North Spread Report 7-25-08.pdf

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

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-----Original Message-----

From: Mark Anderson [mailto:mark.anderson@kljeng.com]
Sent: Monday, July 28, 2008 4:59 PM
To: Fahn, Patrick J.
Subject: Case Number PU-06-421

Pat:

Here are the reports for the North Spread from last week. Dennis was out on Wednesday and then got rained out so he quit and went back on Friday. The reports and photos are up on the ftp site as well. Thank you.

Mark Anderson, PE
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DAILY REPORT

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Job Site: North Spread

Date: 7-23-08

Location and Operations Observed: MP 18-19 (between 91st & 92nd St.) Bore Drilling

General Notes: I arrived on site @ 1:00 p.m.

The weather was changing. It was beginning to rain. Observed welder working on pipe under a tent canopy. Observed Weld Testing Technicians X-ray of welds. Hiked down to south bank of Tongue River. Noted no disturbances or breaches. Rain showers turned to site downpour. Contractor left site for the day due to mud conditions. Being a general rain there was no work on the north reach for the rest of the day... exception being, USA crew doing HAD were still working on the Tongue River bore when it left.

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DAILY REPORT (Cont.)

Date 7-23-08

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The following deviations from the finding of facts were found:

- None. -

Signature: Dennis M. Jensen

Print Name: Dennis M. Jensen

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DAILY REPORT

Job Site: NORTH SPREADDate: 7-25-2008Location and
Operations Observed:

MP 1 (108th St.) lowering & Back fill : PAO
MP 2-3 (107th St) lowering
MP 18 (S. of 92nd St.)
MP 32 (78th St) Trenching
MP 43 (Hwy 17) Stringing

General Notes: I observed the PAO & Backfill operation (MP1)
North of 108th Street. There were 2 advance crews
pumping water from the trench ahead of the Padder.
The Padder then followed placing screened clay, approx.
1 foot deep, around and over the pipeline.
The yellow clay used as back fill seemed to be
relatively free of rock. Any oversize was being
screened off by the padder. The padder was followed
by 2 excavators and 2 dozers. Material was
placed in the lower portion of the trench by the excavators,
followed by the dozers who completed the initial backfill
and leveled the work area. No special steps were taken

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to provide compaction with special equipment. The weight of material & the machines working in the trench provided the only compaction I could see. In visiting with the foreman Clyde Stotter, he indicated the topsoil would be mounded a foot high over the trench to allow for anticipated settling.

MP2 (south of 108th St.) - I observed crews lowering pipe into trench. Surveyors were following close behind with GPS equipment & hand levels checking depth of pipe and weld joint location. Trench depth at this location was 8', allowing 5.5 feet of fill over top of pipe.

MP18 (south of 92nd St.) - Observed USA Drilling working on the horizontal bore under the tongue river. They had just broken through with the 12" pilot bore this morning. Accuracy 4' long - 3" left of target. USA crews were reaming the hole, enlarging it from 12" to 26", and recycling the by product.

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MP 32 I observed contractors trenching operation with Ditch Crew near 78th St. Contractor had good soil type separation in top soil to the West & excavated material to the East. Contractor was encountering more rock in this area. Work site was gated due to active pasturing of livestock.

MP 43 Observed contractor stringing operation. Work was in gated area due to livestock present in a pasture.

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DAILY REPORT (Cont.)

Date 7-25-08

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The following deviations from the finding of facts were found:

- None -

Signature: Dennis Markusen

Print Name: Dennis Markusen