

Hamre, John G.

From: Fahn, Patrick J.
Sent: Tuesday, November 04, 2008 9:21 AM
To: Hamre, John G.
Subject: FW: PSC CASE NUMBER PU-06-421
Attachments: South Spread Report 10-28&29-08 PU-06-421.pdf

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

Patrick Fahn
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North Dakota Public Service Commission
600 E Boulevard
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Fax: (701) 328-2410

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

From: Dave Opdahl [<mailto:dave.opdahl@kljeng.com>]
Sent: Tuesday, November 04, 2008 7:33 AM
To: Fahn, Patrick J.
Subject: PSC CASE NUMBER PU-06-421

Please call if you have any questions or comments.

David Opdahl
Engineering Technician
Municipal Group
Kadmas Lee & Jackson, Inc.
701-845-4980

PSC CASE NUMBER: PU-06-421

Kadmas
Lee &
Jackson
Engineers Surveyors
Planners

DAILY REPORT

Job Site: SOUTH SPREAD

Date: 10-28-08 & 10-29-08

Location and
Operations Observed:

MP-146.4 (+) BORE UNDER RAILROAD (10-29-08)

MP-147 MEASURES PIPE THICKNESS
(10-28-08)

General Notes:

ARRIVED AT SITE OF BORE AT 1:15 PM.

BOTH BORE PITS ARE ROUGHLY 25' DEEP. THE
NORTH PIT HAS CONTINUOUS WATER INFILTRATION
EVEN THOUGH THERE ARE 32 WELL POINTS INSTALLED.
WATER IS BEING PUMPED FROM THE WELL POINTS
ALMOST CONTINUOUSLY AND IS VERY CLEAR. THE
WATER SEEPING INTO THE PIT FROM THE SIDES IS
BEING PUMPED AS NEEDED. THE DISCHARGE
FROM THE WELL POINTS IS CAUGHT IN A SETTLING
BASIN AND ULTIMATELY FLOWS INTO A SHALLOW
DITCH ON THE NORTH SIDE OF THE TRACKS.
THE DISCHARGE FROM THE "SEEPAGE" PUMPS

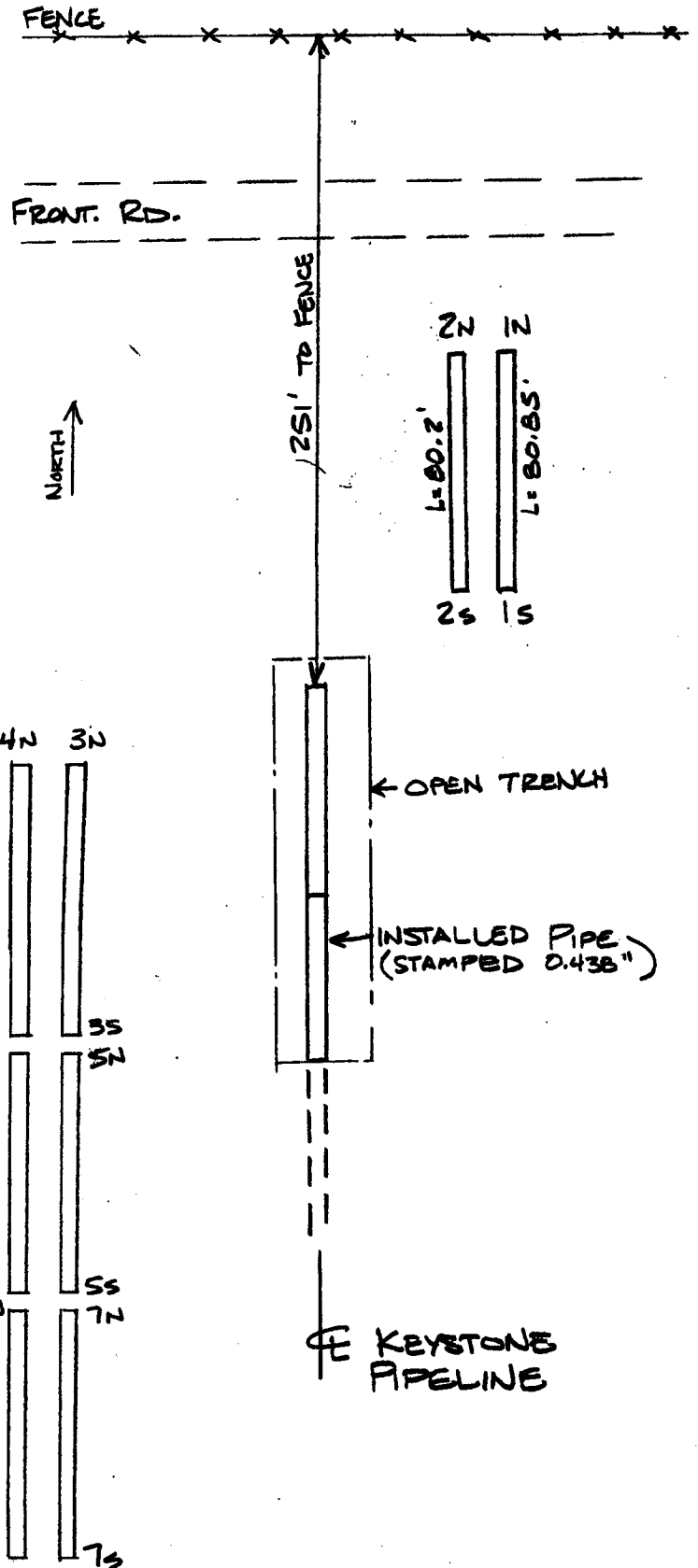
IS ALSO FLOWING INTO THIS DITCH BUT IS DOWN
STREAM. I CALLED PRESTON NELSON (ENVIRON.
INSPECTOR - KEYSTONE) REGARDING THE DISCHARGE.
I SUGGESTED THAT THE WELL POINT WATER SHOULD
BE DISCHARGED DOWNSTREAM SO IT DOESN'T
WASH ANY CLAY SILT DOWNSTREAM. I ALSO
SUGGESTED THAT STRAW BALES BE INSTALLED
TO SLOW THE VELOCITY OF FLOW. PRESTON
AGREED AND SAID THAT HE WOULD SEE TO IT
THAT IT WAS CORRECTED.

AT THE RAILROAD BORS THE "DUMMY PIPE" IS
IN PLACE AND THE CARRIER PIPE WILL BE PULLED
EARLY NEXT WEEK.

FIELD MEASUREMENTS OF CARRIER PIPE
STOCKPILED ON STARKE PROPERTY ARE SHOWN
ON PG 3.

← 1-94 →

PIPE THICKNESS			
NUM.	STAMPED THK.	INITIAL READ.	CLEAN READ.
1N	0.438	0.444	0.4415
1S	0.438	0.443	0.439
2N	0.438	0.444	0.442
2S	0.438	0.442	0.439
3N	0.516	0.521	0.520
3S	0.516	0.522	n.m.
4N	0.516	0.524	n.m.
4S	0.516	0.531	n.m.
5N	0.516	0.525	n.m.
5S	0.516	0.525	n.m.
6N	0.516	0.535	n.m.
6S	0.516	0.527	n.m.
7N	0.516	0.520	n.m.
7S	0.516	0.536	n.m.
8N	0.516	0.522	n.m.
8S	0.516	0.530	0.522
	n.m.	Not Measured	



ALL MEASUREMENTS ARE IN INCHES TAKEN WITH A DIGITAL CALIPER.

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adrmas
Lee &
Jackson
Engineers Surveyors
Planners

DAILY REPORT (Cont.)

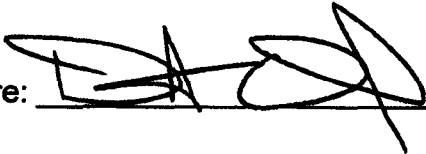
Date 10-28-08
10-29-08

Page 4 of 4

The following deviations from the finding of facts were found:

- NONE -

Signature:



Print Name:

DAVID OPDAHL