

Fahn, Patrick J.

From: Dave Opdahl [dave.opdahl@kljeng.com]
Sent: Monday, July 14, 2008 2:45 PM
To: Fahn, Patrick J.
Cc: Mark Anderson
Subject: PU-06-421 KEYSTONE PIPELINE
Attachments: South Spread Report 7-11-08 PU-06-421 .pdf

Patrick,

Please see the attached report for a summary of July 11, 2008 observations.

Dave

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

561 PU-06-421 Filed: 7/14/2008 Pages: 4
3rd Party Inspector Report - July 11, 2008 - South Spread

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DAILY REPORT

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Job Site SOUTH SPREAD Date 7-11-08

Location VARIOUS SITES BETWEEN MP 132.0 & MP 165.3

Operations Observed MP 135.5 TIE IN WELDING

MP 139 LOWERING IN

Attendees: MP 154 WELDING

MP 155 BENDING

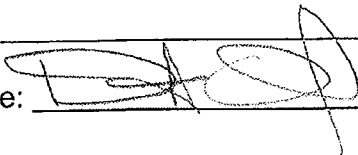
MP 165 STRINGING

General Notes: AT MP 135 I OBSERVED BACKFILLED
TRENCH. ALL SUBSOIL WAS SPREAD UNIFORMLY AND
SHAPED TO MATCH EXISTING CONTOURS. THE EAST
EDGE, ADJACENT TO CROPLAND, WAS CUT CLEAN
AND NO CLAY WAS VISIBLE ON TOP OF TOPSOIL.
THE EXISTING TOPSOIL HAD NOT BEEN SPREAD YET.
TWO AREAS ON EITHER SIDE OF A SHELTER BELT
HAD NOT BEEN BACKFILLED. THE APPROXIMATE

The following deviations from the finding of facts were found:

NONE

Signature: _____



Print Name: DAVID O'NEIL

COVER OVER THE PIPE WAS 4.5' TO TOP OF SUBSOIL.

THE CUT THRU THE SHELTERBELT WAS MEASURED AT 50'!

AT MP 135.5 A SHELTERBELT CUT WAS MEASURED

AT 50'. THE PIPE HAD NOT YET BEEN BACKFILLED

AND MANY VISIBLE NOTATIONS COULD BE SEEN.

REPAIR NOTES WITH DATES WERE OBSERVED ALONG WITH

THE RE-COATING OF THE EPOXY. THE EXCAVATED CLAY

WAS PILED ON THE EAST SIDE AND THE STRIPPED

TOPSOIL WAS PILED ON THE WEST SIDE. IT APPEARED

THAT ALL AVAILABLE TOPSOIL HAD BEEN STRIPPED.

AT MP 136.5 I OBSERVED AN INTERSECTION WITH A

WIND TOWER ACCESS ROAD. THE SUBSOIL HAD BEEN

SHAPE AND THE TOPSOIL WAS PILED NORTH & SOUTH

OF THE ACCESS ROAD. THE ENTIRE AREA WAS NEAT

AND IT APPEARED TO HAVE BEEN A COORDINATED EFFORT.

AT APPROX MP 136.8 A GAP IN THE TOPSOIL PILES SHOWED

EVIDENCE OF EROSION DUE TO RUN-OFF. THE EROSION

ALONG WITH SILT DEPOSITS EXTENDED 100' INTO THE

ADJACENT WHEAT FIELD. A DIMINISHED POPULATION OF

PLANTS WAS VISIBLE. I TOOK SEVERAL PHOTOS.



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DAILY REPORT (Cont.)

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At MP 155.3 I OBSERVED BENDING CREW IN OPERATION. I SPOKE WITH FOREMAN JEFF NYBERG AND INSPECTOR BRUCE TANHOFF. I ASKED IF THE BENDING OPERATION DAMAGED THE EPOXY. JEFF SAID THAT OCCASIONALLY IT DID AND THAT THE COATING CREW PAYS PARTICULAR ATTENTION TO THOSE SECTIONS OF PIPE.

At MP 154 I OBSERVED THE WELDING OPERATION. THE CREW WAS NEARING A 50' SHELTERBELT CUT AND THE WORK AREA WAS CONGESTED, BUT PROGRESSED SMOOTHLY.

At MP 157 AND 159 I MEASURED THE WIDTH OF THE R.O.W. AT 110'. THE TOPSOIL WAS STRIPPED TO A DEPTH OF 12" PLUS AND PILED ON THE WEST SIDE OF THE EASEMENT.

At MP 165 I OBSERVED THE CREW STRINGING OUT PIPE. CARE WAS EXHIBITED WHEN OFF-LOADING PIPE AND PLACING ON CRIBS. I ALSO OBSERVED SEVERAL WETLAND CROSSINGS. SILT FENCE, BALES, FILTER FABRIC AND APPROPRIATE SIGNING WAS ALL IN PLACE.

