Hamre, John G.

From: DeSaye, Cara G.
Sent: Monday, May 20, 2013 2:24 PM
To: Hamre, John G.
Subject: FW: update - Wenck post-construction site inspections
Attachments: PU-11-99 4 Bears to CDP pipeline Site Inspection Notes.pdf; PU-11-606 Little Muddy Pump Station field inspection notes.pdf

From: -Info-Public Service Commission
Sent: Monday, May 20, 2013 2:24 PM
To: DeSaye, Cara G.
Subject: FW: update - Wenck post-construction site inspections

From: Sara M. Simmers [mailto:ssimmers@wenck.com]
Sent: Monday, May 20, 2013 2:23 PM
To: -Info-Public Service Commission
Cc: Fahn, Patrick J.; DeSaye, Cara G.; Lein, Jerry R.; Kevin J. Magstadt; Luke B. Toso
Subject: update - Wenck post-construction site inspections

ND PSC Staff:

Last week, we completed two post-construction site inspections. The field inspection notes for each are attached to this email.

PU-11-606, Little Muddy Pump Station and Pipeline Connection, Enbridge
PU-11-99, 4 Bears to CDP Connect Pipeline, Arrow Field Services (now Hiland Crude owns pipeline)

Please contact me with any questions or comments that you might have.
Thank you,

Sara
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4 Bears to COP Pipeline
Mckenzie County
May 14, 2013

Photo 1 (close-up)
732 W crossing of Dry Creek - bore
no evidence of cuts, veg looks good
erosion control in place
Photo #5 markers in place, including cathodic protection markers

some bare soil, weeds coming up
Photo 3 E east-west route south edge of facility
markers in place, within crop field

Photo 4 W access road to well sites
733 dip in road where culvert is - on pipeline route
road might have actually been built by oil company

Photos 6 & 7
SE & S view perpendicular to route where it crosses
734 farm field (wheat stubble from last year)
Viewpoint flags along route
everything appears stabilized & soils reclaimed
access trails across field

Photo 8
NE pipeline route in field coming up to road
markers in place road is 108th Ave NW
soils reclaimed

Photos 9 & 10

WD tie in to main pipeline (4 Bears Belleforche)
markers in place
Soils good
looks properly replaced

Some nuts to set of tie-in in drainage

735 bored under north road 105th Ave NW

Landscape Solutions w/ Dickinson
planted this spring - trees & shrubs

grass mix went in last fall

Little Muddy Pump Station - Site Inspection
Williams County
May 14, 2013

Photo 1 W south end of tanks showing berm
liner of spill area still being put in
tanks will be painted in June
30,000 barrels, only 1 being used right now

2 W north end of tanks showing berm

3 W pipeline tie-in, connections area to the
N of the 2 tanks
- currently backfilling trenches, electricians
finishing up work, will be putting clay
lining in & testing for compaction
- in foreground is header to East Fork
(pipeline as part of PSC project)
- platforms will also be going in & a layer
of gravel on surface - end of June

4 W another view of tie-in area on north side

5 W - off west side of pumping station where
hydrostatic test waters were released during
pipeline testing
- still some cleaning up to do
- silt fence in distance

6 S - west side of berm around tanks
grasse seeded into erosion blanket & coming up
well

7 E view across site from west to east
drain valves in foreground are for releasing rain water collected within berm - closed except when release needed

8 S drain valves within tank berm

9 SW rip-rap on outside of berm showing where water will exit site when used

10 S area to south of pumping station
used for staging & laydown
bales & silt fence & other equipment visible

11 SE another view of staging area
- may keep for potential future staging
- if not needed, this area will be reclaimed to cropland

12 E one leased LACT lot
8 of them (lots) were built north of pump station
each lot has hook-up w/ transfer units, meters which measure oil, etc.
Companies lease & can move their oil in Enbridge's pipelines

13 N showing other empty lots & one being built
Companies set up buildings, tanks, whatever they need

14 N west edge of LACT lots
erosion control in place, drainage set up

15 W silt fence in distance to W of LACT lots
everything was stabilized & reclaimed
looked great
wetland & field in distance

16 S another view of erosion controls
some remaining dirt piles to be cleaned up

17 N as part of project Enbridge paved the road leading up to pump station
- ditches looked excellent, reclaimed, erosion control in place
- 133rd Ave NW
- new fenceline at approach to LACT lots
- added turning lane to accomodate truck traffic

18 S another view of road w/ pumping station in distance

Completion of clean-up activities will probably take through August