

Hamre, John G.

From: Marohl, Christopher A.
Sent: Wednesday, November 28, 2012 4:23 PM
To: Hamre, John G.
Subject: Fwd: RE: Case # PU-12-40 - Nelson to Ross Pipeline - Construction Inspection #2
Attachments: PU-12-40 (NRP) Construction Inspection #2 Summary_final.pdf

John, please docket. Thanks! Chris

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

Subject: RE: Case # PU-12-40 - Nelson to Ross Pipeline - Construction Inspection #2
From: Ryan Krapp <rkrapp@carlsonmccain.com>
To: "Marohl, Christopher A." <camarohl@nd.gov>
CC: 'Thomas R McCormick' <trmccormick@paalp.com>, 'Irvin J Fleetwood' <ijfleetwood@paalp.com>, "wmccarthy@go2e3.com" <wmccarthy@go2e3.com>, Todd Hartleben <thartleben@carlsonmccain.com>

Greetings Mr. Marohl,

Carlson McCain, Inc. has completed a second on-site inspection of the Plains Pipeline, L.P. - Nelson to Ross Pipeline construction right-of-way on November 15, 2012. Attached is a letter on the results of the inspection along with photos and field notes.

Any questions or concerns please contact me or Todd Hartleben.

Respectfully submitted,

Ryan J Krapp

Natural Resource Specialist

Direct 701-595-7003 | Cell 701-471-8788

From: Ryan Krapp
Sent: Thursday, August 23, 2012 3:05 PM
To: Marohl, Christopher A.
Cc: Thomas R McCormick; Irvin J Fleetwood; wmccarthy@go2e3.com; Todd Hartleben
Subject: Case # PU-12-40 - Nelson to Ross Pipeline - Construction Inspection

Greetings Mr. Marohl,

Carlson McCain, Inc. conducted an on-site inspection of the Plains Pipeline, L.P. - Nelson to Ross Pipeline construction right-of-way on August 15, 2012. Attached is a letter on the results of the inspection along with photos and field notes.

Any questions or concerns please contact me or Todd Hartleben.

Respectfully submitted,

Ryan J Krapp

Natural Resource Specialist

Carlson McCain, Inc.

92 **PU-12-40** Filed: 11/28/2012 Pages: 12
Second on-site inspection report of Plains Pipeline,
L.P. Nelson to Ross Pipeline

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November 28, 2012

Christopher Marhol
Public Utility Analyst
ND Public Service Commission
600 E. Boulevard Ave., Dept. 408
Bismarck, ND 58505-0480

Dear Mr. Marohl:

Carlson McCain, Inc. (CMI) conducted an on-site inspection of the Plains Pipeline, L.P. Nelson to Ross Pipeline (Case No. PU-12-40) on November 15, 2012. CMI Inspector Ryan Krapp met with Plains Pipeline (Plains) personnel at their Ross field office to review construction progress. Those in attendance were: Jim Fleetwood, Project Manager; Seth Woodell, Environmental Monitor/Inspector; and Jason Setser, Office Manager.

Construction progress outlined in submitted weekly reports since initial inspection on August 15, 2012 was discussed. In the latest weekly construction progress report (November 11, 2012) Plains reported 77% of the pipeline had been installed and backfilled with 23% of the right-of-way (ROW) cleaned up (i.e. topsoil re-spread and permanent erosion controls established). The ROW was visited to review the modified Little Knife River (LKR) crossing, inspect new construction area activities and view reclaimed portions of ROW. Inspection photos and notes taken during inspection are attached to this letter and summarized below.

Field Review

Weather conditions at time of the field visit were sunny, 30 degrees, with light wind. Snow cover ranged 0-18 inches. Soil surface was frozen.

Plains revised the Little Knife River (LKR) waterbody crossing and associated workspace as recommended at the previous construction on-site inspection. They submitted an amended route plan to the Public Service Commission (PSC) in late September. The pit location for the horizontal directional drill (HDD) on the west side of the LKR was moved west into the uplands and beyond multiple foreign lines as submitted.

Portions of silt fence along the ROW were down due to the recent heavy snowfall. Since the soil is frozen and snow melt will be minimal Mr. Woodell agreed that the silt fence will be repaired when the pit locations and ROW are reclaimed in the near future.

As reported within the October 21, 2012 weekly construction report, an amended typical wetland crossing detail was submitted to and approved by the PSC. Field inspection demonstrated compliance.

The Chevron pipeline that was struck during trenching was cold cut, capped and buried as PSC approved, the day before the field visit. Photos will be submitted by Plains in weekly construction report.

Construction Inspection Summary 2
Plains Pipeline, L.P. Nelson to Ross Pipeline (NRP) – Mountrail County
PSC Case No. PU-12-40

Overall the current construction practices and procedures being implemented in the field by Plains are in compliance with the PSC Provisions for Transmission Facility Siting. Plains is maintaining gates at fence crossings within the ROW for vehicle and equipment crossings; erosion control devices (ECDs) are in place and functioning along the ROW; drainage crossings and wetland areas are being protected with ECDs; and wooden mats and bridges are being used at road ditch crossings and in wetland areas as appropriate.

Mr. Woodell also produced a receipt of appropriate native grass seed mix that has been purchased for planting. Plains has also committed to utilizing erosion control blankets in erodible areas and within 10 feet of wetland edges.

Discussions with Plains personnel after inspection included:

- 1) Work to ensure temporary and permanent ECD's are established before spring snow melt
- 2) Seeding of native grasses to occur in the spring as the ROW dries out.

Please contact me at 701-595-7003 if you have any questions or comments.

Respectfully submitted,



Ryan J. Krapp
Natural Resource Specialist

cc: Mr. Jim Fleetwood - Project Engineer, Plains Pipeline, LP
Mr. Tom McCormick - Director E&RC, Plains Pipeline, LP
Mr. William McCarthy - E-3 Environmental, LLC

Attachment



Figure 1. Photo taken looking west along ROW from west side of the Little Knife River (LKR). The HDD bore pit work area was staked and appropriately set back from wetland.



Figure 2. Photo of downed silt fence due to recent snowfall. Silt fences will be temporarily repaired and when ROW reclamation occurs permanent ECD's will be erected.



Figure 3. East facing photo of west side LKR prior bore pit work area. Silt fence has been removed and no further surface disturbance has taken place in area.



Figure 4. New west side LKR HDD bore pit location. The pit location was moved to avoid wetlands adjacent to the LKR and multiple foreign pipelines.



Figure 5. Planned HDD of large wetland complex. Setback was marked and ECD's have been repaired after heavy snowfall.



Figure 6. USFWS easement wetland avoided within native grasslands. The easement wetland will be crossed using HDD. A travel corridor is established around the wetland which is protected by silt fence and straw bales.



Figure 7. Photo of ECDs utilized to minimize surface impact of wetland while staying within the ROW. Wetland will be crossed utilizing HDD.



Figure 8. ROW reclamation example within agricultural field north of Highway 2.



FIELD INSPECTION LOG

DAILY LOG

DATE	11	15	12
NO.	2		
SHEET	1	OF	4

PROJECT NAME: Plains Pipeline, L.P. - Nelson Take-off to Ross Pipeline Project (NRP)		CASE NO. PU-1240
FIELD ACTIVITY SUBJECT: Audit #2 - Seth Woodell		
NOTES: Little Knife Crossing		
<ul style="list-style-type: none"> - Directional drill & pipe pulled through on 11-12-12 - Bore pits were moved back as recommended at last visit outlined in ammended plans as submitted - Silt fences were downed due to heavy snowfall + cattle - As trenches & ROW were claimed BMP's will be reinstalled (straw wattles, water bars) and monitored as the snow + frost spring thaw - - Coconut fiber matting with seeds (Excelsior Matting) will be installed at intervals along route - 		
LATITUDE, LONGITUDE	CHANGES FROM PLANS AND SPECIFICATIONS	
	NO	
WEATHER CONDITIONS	PHOTO(S)	
Sunny, 30°, Light wind 0-18 inches of Snow	Yes	
CARLSON MCCAIN PERSONNEL ON SITE Ryan Krapp		
SIGNATURE	DATE 11-15-12	



FIELD INSPECTION LOG

DAILY LOG

DATE	11	15	12
NO.	2		
SHEET	2	OF	4

PROJECT NAME: Plains Pipeline, L.P. - Nelson Take-off to Ross Pipeline Project (NRP)

CASE NO. PU-12-40

FIELD ACTIVITY SUBJECT: Audit #2

NOTES: "Lake Bore" ~ 2,000ft

- Pits & Bore have not occurred to date
- Silt fence has been recently refurbished ~~working~~ order
- work will commence in the next 3 weeks
- Original plan was to daylight between wetlands but was decided that to bore the entire route would be less impact

LATITUDE, LONGITUDE

CHANGES FROM PLANS AND SPECIFICATIONS

NO

WEATHER CONDITIONS

PHOTO(S)

Yes

CARLSON MCCAIN PERSONNEL ON SITE

Ryan Krupp

SIGNATURE

DATE 11-15-12



FIELD INSPECTION LOG

DAILY LOG	DATE	11	15	12
	NO.	2		
	SHEET	3	OF	4

PROJECT NAME: *Plains Pipeline, L.P. - Nelson Take-off to Ross Pipeline Project (NRP)* CASE NO. *PU-1240*

FIELD ACTIVITY SUBJECT: *Audit # 2*

NOTES: *T&E species Avoidance area - Dual wetland bore*


- Weeden mats along wetland edges to move equp around but within ROW - Sediment barrier under mats*
- Salt fences in place, functioning*

LATITUDE, LONGITUDE CHANGES FROM PLANS AND SPECIFICATIONS

WEATHER CONDITIONS PHOTO(S)
Yes

CARLSON MCCAIN PERSONNEL ON SITE *Ryan Krupp*

SIGNATURE *[Signature]* DATE *11-15-12*

	FIELD INSPECTION LOG		DAILY LOG	DATE	11	15	12
				NO.	2		
				SHEET	4	OF	4

PROJECT NAME: *Plains Pipeline, L.P. - Nelson Take-off to Ross Pipeline Project (NRP)* CASE NO. *PU-1240*

FIELD ACTIVITY SUBJECT: *Audit #2 - Hwy 2 Crossing to Ross Terminal*

NOTES: *Agricultural Fields*

- Pipe installed, ROW reclaimed
- Numerous road bores
- Bore under Railroad mainline complete
*Historic property avoided
- Plains will be conducting additional bore in and around rail terminal to connect to Storage Tank facilities

LATITUDE, LONGITUDE

CHANGES FROM PLANS AND SPECIFICATIONS

WEATHER CONDITIONS

PHOTO(S) *Yes*

CARLSON MCCAIN PERSONNEL ON SITE *Ryan Krupp*

SIGNATURE *[Signature]* DATE *11-15-12*