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PUBLIC SERVICE COMMISSION

<p>To: <u>North Dakota Public Service Commission</u></p> <p><u>Attn: Executive Secretary</u></p> <p><u>600 E. Boulevard, Dept. 408</u></p> <p><u>Bismarck, ND 58505-0480</u></p> <p><u>Docket No. PU-11-232</u></p>	<p>Project No: <u>2839</u> Date: <u>8/24/12</u></p> <p>Project: <u>Berthold Station Expansion Project</u></p> <p><u>Construction Inspection Report</u></p> <p>From: <u>Tom Nickel</u></p> <p><u>tnickel@prosourcetech.com</u></p> <p><u>(763) 786-1445 or (888) 422-4449</u></p>
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Copies	Description
1	<u>Field inspection notes for the inspection that was conducted on 8-16-2012.</u>

Copy to: File Signed: Tom Nickel

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**BERTHOL STATION
EXPANSION PROJECT**

FIELD INSPECTION REPORT

GENERAL INFORMATION		
Inspector Name: Thomas Nickel	Inspection Date: 8-16-2012	Report Number: 001
Weather: Sunny – 60 degrees	Precipitation (past 24 hours): 0.00"	

DAILY CONSTRUCTION ACTIVITIES

Provide a description of daily construction activities (i.e., feature crossings, construction techniques, meetings, construction progress, etc.)

Site grading occurring – Majority of site north of Burlington Northern Santa Fe (BNSF) railroad tracks being graded. The grading/earthwork occurring north of the BNSF railroad tracks is associated with the construction of the new storage tanks. Only a small portion of the site, south of the BNSF railroad tracks, requires earthwork. In addition, the majority of the work occurring south of the railroad tracks is not under the jurisdiction of the North Dakota Public Service Commission. Drill crew (Michels) is working on reaming the pilot hole for the 20-inch pipe under the railroad tracks. The 20-inch pipe to be pulled under the tracks has been strung, lined up, and welded. The filed welded areas have been coated with an acceptable protective coating. Notations on the pipe indicated that the welds passed inspection. Welders working on new valve areas within existing tank area.

All silt fence appears to be in good condition and well maintained.

No issues noted and no non-compliance conditions documented.

ENVIRONMENTAL INSPECTION CHECKLIST

	T	F	N/A
GENERAL CONSTRUCTION/RESTORATION			
All activities have been confined to approved work areas.	X		
Wetland areas are clearly marked. All on-site wetlands are non-jurisdictional.			X
The scope of work defined for this project has not changed.	X		
No unexpected cultural resources or protected species have been encountered since the last inspection.	X		
No landowner or agency complaints have been received since the last inspection.	X		
Construction equipment has been cleaned in accordance with project specifications.	X		
Topsoil has been properly separated, stockpiled and backfilled in accordance with project specifications.			X
Silt fence/straw bales have been properly installed and maintained within the project area.	X		
Temporary and/or permanent slope breakers have been properly installed and maintained. Site is fairly level.			X
Trench breakers have been properly installed.			X
Topsoil has not been used to pad the pipe or for trench breakers.			X
ROW has been graded and original contours have been restored.			X
Topsoil has been re-established.	X		
ROW is free of rutting.	X		
Construction debris has been removed.	X		
Fertilizer, seed and mulch have been applied according to project specifications.			X
All seed used during construction and restoration have been certified and documented weed free.			X
Soils have been tested for compaction and compacted soils have been mitigated in accordance with project specifications.			X
Excess rock has been removed from the work area according to project specifications.	X		
WETLAND CROSSING CONSTRUCTION AND RESTORATION			
ROW width has been cleared to project specifications.			X
Vegetation has been cut at ground level and the roots have been left intact.			X
Tree stumps have been removed and grading has been limited to trench line.			X
Silt fence and straw bales have been installed (if necessary) and maintained.	X		
Cleared vegetation and slash have been removed from the wetlands.			X
Wetland stabilization materials (timber mats) are functioning properly.	X		
Topsoil has been separated and correctly restored over the trench line.			X
Trench dewatering - no heavily silt-laden water has entered the wetlands.			X

Report Prepared By: _____ Inspection Date: 8-16-2012 Report Number: 001





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Equipment has been refueled \geq 100 feet from wetland boundaries. No refueling observed.			X
Hazardous materials/fuel has been stored \geq 100 feet from wetland boundaries.		X	
Seed mix has been applied according to project specifications.			X
No fertilizer, lime, or mulch has been used in wetlands.			X
STREAM CROSSING CONSTRUCTION AND RESTORATION			
Appropriate bridges have been installed across streams in accordance with project specifications.			X
Appropriate in-stream sediment control has been installed where required.			X
Earthen trench plugs have been left in place until just prior to installation of the pipe.			X
Spoil piles are located \geq 10 feet from the water's edge.			X
Trench dewatering - no heavily silt-laden water has been discharged to streams.			X
Construction across streams has been conducted in accordance with specified techniques and time frames.			X
Trench breakers have been installed at base of slopes as required.			X
Equipment has been refueled \geq 100 feet from water bodies.			X
Hazardous materials have been stored \geq 100 feet from water bodies.			X
Stream banks have been properly restored and stabilized in accordance with the project specifications.			X
RESIDENTIAL AND ROAD CROSSING CONSTRUCTION AND RESTORATION			
Flagging, fencing, and/or signs have been installed and maintained in residential areas where required.			X
All activity has been contained within the ROW.	X		
Site-specific residential construction plans have been followed where required.			X
Original contours have been restored.	X		
Topsoil has been returned or replaced.	X		
Construction debris has been removed.	X		
Access roads have been kept open to public where required.	X		
Roads affected by the project have been maintained in a clean condition and are in good repair.	X		
Protective matting has been used when driving tracked equipment across paved roads.	X		
Roadways, driveways, sidewalks, etc., have been restored to pre-construction condition.	X		
DRILLED CROSSING CONSTRUCTION AND RESTORATION			
Work is occurring only in authorized areas.	X		
Drilling mud and spoil has been properly contained.	X		
Silt fence/straw bales, earthen dikes, etc., have been installed and are functioning properly.	X		
Supplies are available to contain frac-outs.	X		
Frac-outs have been identified and contained.			X
SPCC Plan is available and is being implemented.	X		
Drilling mud has been removed from the drill site and frac-out areas.	X		
Drill holes/bore pits have been filled and properly graded and restored.			X
Construction debris has been removed from the site.	X		
Drill site has been stabilized and seeded.			X
SPILL PREVENTION AND CONTROL			
A sufficient quantity of spill response materials and devices are readily available at the worksite.	X		
All hoses, pipes, valves, tanks, containers, and machinery have been frequently inspected for leaks and deterioration.	X		
All spills have been immediately stopped and cleaned up completely in accordance with the project specifications.			X
The Environmental Inspector has been notified immediately of each spill.			X
The contractor has followed all requirements of the spill plan.	X		
SIGNATURE			
Inspector Name: Thomas Nickel	Signature: 	Date: 8-16-2012	