

May 16, 2016

Julie Prescott
North Dakota Public Service Commission
600 East Boulevard Avenue, Dept. 408
Bismarck, ND 58505-0480

Dear Mrs. Prescott:

Carlson McCain, Inc. (CMI) conducted an onsite inspection of the Vantage West Spur Lateral Pipeline Project (Case No. PU-15-142) on May 13, 2016, on behalf of the North Dakota Public Service Commission (PSC). The project consists of installing 47.8 miles of pipelines, which will connect the Stateline II Gas Processing Plant to the existing Vantage ethane pipeline system near Stady, North Dakota.

CMI Inspector Chad Tucker met with David Goodspeed, Pembina, Safety Manager, and Garrett Pletcher, Pembina, Construction Manager at the Project Management field office to review construction progress of the project. Tomahawk Pipeline Construction, Inc. (Tomahawk) is the contracted pipeline installer.

Construction progress outlined in weekly reports submitted since project construction commenced the week of September 14th, 2015, was reviewed and discussed. In the latest construction progress report ending April 13, 2016. Pembina reported 100% of the pipeline has been installed and backfilled. Mr. Goodspeed discussed the safety practices being implemented on the site.

Mr. Goodspeed and Mr. Tucker proceeded to the ROW to view safety practices, construction, and verification of avoidance areas being protected. Inspection notes and photos taken along the ROW are attached to this letter.

Field Review

Weather conditions at the time of the field visit were sunny, 40 degrees, with 20 mph north winds. As noted in the weekly progress reports, pipe installation was completed by February 12, 2016. Mr. Goodspeed stated hydro-testing has also been completed.

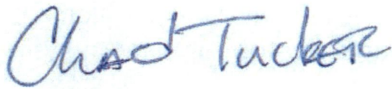
The pipeline installation has been completed and backfilled. Restoration has been completed between 74th Street NW and 56th Street NW and between 92nd Street NW and 85th Street NW. Activities are now focused on replacing topsoil and mulching the approximately 16 miles of pipeline remaining to be reclaimed.

Silt fencing and straw bales were appropriately placed in areas where storm water could cause erosion. Fencing crews were on-site during the inspection to replace fences disturbed by the pipeline installation. Final clean-up is expected to be complete in approximately three weeks.

A "T" connection is scheduled to be installed on the pipeline on June 23rd. This will connect the pipeline to the existing ONEOK pipeline. Construction procedures appeared to be in compliance with the siting laws and rules, and the applicable Findings of Fact, Conclusions of Law, and Order.

Please contact me at 701-595-7007 if you have any questions or comments.

Respectfully submitted,



Chad Tucker
Wildlife Biologist

cc: Mr. Garrett Pletcher – Construction Manager, Pembina
Mr. David Goodspeed – Safety Manager, Pembina

Attachments: notes and correspondence



Figure 1. Photo taken from the ROW looking north at the final valve connection to the existing ONEOK Pipeline. Connecting "T" is scheduled to be installed on June 23rd, 2016.



Figure 2. Photo taken look west across Section 15, T160N, R101W from 140th Ave NW. Reclamation has been complete with pipeline markers in place.



Figure 3. Photo taken facing south across Section 32, T160N, R101W from 85th Street NW. Overhead electrical line flagging is in place. Topsoil is waiting to be replaced.



Figure 4. Photo of block valve 3 in Section 12, T159N, R102W.



Figure 5. Photo looking south from crossing of Highway 50. Overhead electrical line flagging is in place. Topsoil has not been spread.



Figure 6. Installed silt fence and straw bales that are correctly placed and functioning. The silt fence is partially buried to prevent any soil from escaping underneath the silt fence and off the ROW.



Figure 7. Photo taken facing north from County Highway 12. The ROW is being disced before topsoil is spread.



Figure 8. View looking north from 76th Street NW at block valve 2.



Figure 9. Photo looking south from 74th Street NW. Reclamation has been completed and markers in place.



Figure 10. Photograph taken facing north from 147th Avenue NW. Fencing crews are replacing fence disturbed by the pipeline.

Project VANTAGE Pipeline Inspection

Project No. PU-15-142

Signature Chad Tucker

Date May 13-2016

* Met with Mr. Fletcher and Mr. Goodspeed.

* Pipeline installation and backfill is complete.

* Pipeline has been hydro tested and dry tool run.

* Building still needs to be set on north valve and "T" connection installed to connect to existing ONEOK Pipeline. This is scheduled on June 23.

* Approximately 16 miles of reclamation remaining.

* Reclamation complete from 74th Street NW to 56th Street NW and from 92nd Street NW to 85th Street NW.

* Fencing crews are on-site.