

## Fahn, Patrick J.

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**From:** Chad Wiedenmeyer <Chad.Wiedenmeyer@kljeng.com>  
**Sent:** Wednesday, December 05, 2012 12:17 PM  
**To:** Fahn, Patrick J.  
**Subject:** KLJ - BakkenLink Field Inspection Notes  
**Attachments:** PU-10-218 BakkenLink Pipeline - ND PSC Construction Inspection Notes.pdf

Patrick,

Attached are the field notes for KLJ's initial construction inspection of the BakkenLink Pipeline completed November 28<sup>th</sup>, 2012.

In accordance with Contract #PU-631-12-EE, KLJ is submitting these field notes to the PSC within seven days of the completion of the inspection.

Should you have any question please feel free to contact me at any time.

Thank You,

Chad Wiedenmeyer



701-250-5957 **Direct**  
701-425-3206 **Cell**  
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128 Soo Line Drive  
Bismarck, ND 58501-3310  
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◇ December 5, 2012

Mr. Patrick Fahn  
Director, Compliance and Competitive Markets  
North Dakota Public Service Commission  
600 East Boulevard Avenue, Dept. 408  
Bismarck, ND 58505-0480

Re: Contract PU-631-12-EE, Case No. PU-10-218

Dear Mr. Fahn:

Enclosed please find the inspection field notes for the initial construction inspection performed by KLJ on the BakkenLink pipeline on November 28, 2012.

If you have any questions or comments please feel free to contact me at 701-250-5957.

Sincerely,

KLJ

A handwritten signature in black ink, appearing to read 'Chad Wiedenmeyer'. The signature is fluid and cursive, with a long horizontal stroke at the end.

Chad Wiedenmeyer  
Pipeline Engineer

Enclosure(s): BakkenLink Construction Inspection Field Notes  
Project #: Contract PU-631-12-EE, Case No. PU-10-218



## **BakkenLink Field Inspection Notes**

**Case No. PU-10-218 – Williams to Billings County BakkenLink Pipeline, LLC**

**Contract PU-631-12-EE**

**Field Inspection Performed: November 28, 2012**

**Field Inspection Performed by: Arnie E. Siverson, KLJ**

Inspection started with meeting Bob Gnirk, designee for BakkenLink Pipeline, LLC in Belfield, ND where he presented me with a set of pipeline plans and discussed progress procedures of the installation. The day was quite nice and pleasant. Skies were sunny with a temperature around 50 degrees. We left Belfield and headed west on 36<sup>th</sup> street, approximately two miles west of Belfield to conduct our first inspection of the BakkenLink 12" pipeline.

The pipeline contractor for this project is Alpha.

1. First stop was at the highway bore site located on the south side of I-94. The bore pit was dug with pipe installed in pit, ready for tie-in connection. Right-of-way was graded with the trench excavated, pipe installed and backed filled. It was noted where weld inspection tags were placed on pipe ends. Right of way extends through pasture land.
2. Second stop was station 105+35. This stop is at the bore pits on each side of 36<sup>th</sup> street. Bore pits were dug with the 12 inch line pulled under roadway. The right of way was graded with the pipe installed in trench and back filled. Right of way extends through pasture land.
3. Third stop was station 0+00. This station is located at the Fryburg Terminal load-out facility. Right of way is graded, trench excavated with line installed and backfilled. Portion of the line is exposed to be extended to launcher. Right of way extends through farmland.
4. Fourth stop was at tie-in station 9+87.3. This station was located east of the Fryberg terminal. Right of way was graded, trench excavated with pipe installed and backfilled. Portion of trench left open for pipe tie-in to be completed
5. Fifth stop was at start of wetland location, which was located north of the Fryberg terminal. Trench was excavated with workers placing welded pipe into open trench. Right of way extends through farmland. This concludes all stops on south side of I-94.



6. The sixth stop was located on north side of I-94. Station noted was 153+19. Pipeline right of way was graded with 12" pipe strung out along right of way. No trench excavation completed. Welders were welding pipe sections together during inspection. Right of way extends through farmland.
7. Seventh stop was at station 323+65. Right of way was graded, but no trench excavated. 12" pipe was welded together and set on wood skids. Right of way extends thru hay land.
8. Eighth stop was at station 363+78. This station is where the 8" Belfield lateral takes off and heads east to Whiting plant and the 12" main line extends to the north. Right of way for lateral was graded on 11-27-12. Right of way for 12" main line is graded with no trench excavated. Pipe is welded and set on skids.
9. Ninth stop was the site of the first cultural concern which was marked off with do not enter signs. Bob Gnirk showed me the areas of concern between Standing Rock Sioux Tribe and Archaeology consultant.
10. Tenth stop was station 608+66. This site is the Green River right of way. Right of way was graded with no trenching completed. Welders were welding pipe and pipe was set on skids. Right of way is extending through pasture land.
11. Eleventh stop was station 867+85. Right of way has been graded with no pipe strung out on ground. Right of way extends through farmland.
12. Twelfth stop was station 1093+74. This site is the second area of cultural concern. No grading of right of way done due to cultural issues. BakkenLink is currently working with the Tribe and Archaeology consultant to address these areas. This was our last stop for inspections. All points beyond this station were only graded right of ways. No pipe had been strung beyond this point at the time of this inspection.

During inspection, no unacceptable practices were observed for the installation of the pipeline or the grading of the right of way. In areas where topsoil had been removed, it has been properly segregated from the remaining spoil. Pipeline that has been installed at the time of this inspection has been buried to a depth of 48 inches or greater and road crossings have been bored. No open cut roadways were observed during this inspection. No non-compliance conditions were found during the inspection.