

Sandpiper Pipeline Project

Construction Status Report

Docket # 13-848

October 8, 2017 through October 14, 2017



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|-----------------|--|------------------|------------------|
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Facilities Construction

| This Week's Activities | This Week's Activities |
|--|------------------------|
| Beaver Lodge | |
| * No further terminal or tank construction work to report at this time. See detailed comments below. | |
| Stanley | |
| * No further terminal or tank construction work to report at this time. See detailed comments below. | |
| Berthold | |
| * No further terminal or tank construction work to report at this time. See detailed comments below. | |

| Next Week's Activities | Next Week's Activities |
|------------------------|------------------------|
| Beaver Lodge | |
| Not applicable. | |
| Stanley | |
| Not applicable. | |
| Berthold | |
| Not applicable. | |

| Terminal Construction | | Tank Construction | |
|-----------------------|------------|-------------------|------------|
| Site | % Complete | Site | % Complete |
| Beaver Lodge | 39% | Beaver Lodge | 89% |
| Stanley | 43% | Stanley | 86% |
| Berthold | 42% | Berthold | 96% |

*** Construction Report Comments**

The terminal and tank construction work that was initially started at the Beaver Lodge, Stanley and Berthold Pump Stations for the Sandpiper Pipeline Project has been completed. Due to the fact that the Sandpiper Pipeline Project is not moving forward at this time, further construction at the pump stations has been suspended until such time such facilities are needed in the operation of the North Dakota Pipeline system in the future. Thus, the construction reports will be suspended for now.

However, at such time that construction is necessary to place such facilities in service, Enbridge will notify Staff, submit the appropriate certification letter, and comply with the terms and conditions of the ND-PSC's Orders in this docket. Enbridge is enclosing herewith as Attachment A, a table identifying what facilities were initially started in the construction phase of Sandpiper at Beaver Lodge, Stanley and Berthold Pump Stations.

Pipe Yards: All pipe associated with the Sandpiper Pipeline Project has been sold and the pipe yard storage sites have been restored and reverted to their respective owners.

Tree and Shrub: Enbridge will comply with the provisions of the ND-PSC 's Order in this docket regarding tree and shrub mitigation.

BEAVER LODGE STATION

Terminal construction is approximately 39% complete at Beaver Lodge Station. With the exception of the information listed in the 'Tankage' table, the constructed facilities listed in the tables below comprise the 39% completion. As the 'Tankage' table indicates, tank construction is approximately 89% complete at Beaver Lodge Station.

New Facilities on Existing Property at Beaver Lodge Station

Existing Property North of CR8

| Facility | Construction Status |
|--|--|
| 1 New 400 HP transfer pump with 450 HP VFD | Foundation completed. No pump nor electrical is commenced. |
| Expand existing Electrical Services Building | Not commenced. Foundations complete. |

Existing Property South of CR8

| Facility | Construction Status |
|---|---|
| Connect to existing Tank Fill/Transfer Manifold | Foundations complete; no piping commenced. |
| Expand Tank Suction Manifold | Only the foundations are complete. Piping not commenced. |
| 2 new 750 HP Booster Pumps with 1000 HP Variable Frequency Drives | Only the foundations are complete. Piping, electrical and installation of pumps are not commenced. |
| 2 New Leak Detection Meters | Only the foundations are complete. Meters not commenced; no electrical nor piping. |
| New Pump Station Building | Foundation complete. That's extend of progress; no building installed/framed, nor piping, electrical, etc. |
| 2 new 3500 HP Mainline Pump Assemblies with 4000 HP Variable Frequency Drives | Foundations complete, but otherwise not commenced. No piping nor electrical commenced. Pumps not installed. |
| 2 New Electrical Services Buildings | Foundations complete and building (Metal Building System) erected; building exterior/primary walls are complete. Buildout |

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 Attachment A – Facilities Construction

| | |
|---|--|
| | (framing) of interior commenced and approximately 20%. No electrical nor mechanical equipment installed. |
| 2 New Electrical Transformers | Not commenced. |
| 1 New Nominal Pipe Size (“NPS”) 24 Pig Launcher | Foundations complete. Not otherwise commenced; no piping commenced. |
| 1 New 5000 gallon Underground Sump Tank | Not commenced. |
| Interconnecting Station Pipe & Valves | Foundations installed/complete. Not otherwise commenced; no piping commenced. |
| New Cold Storage Building | Not commenced. |
| Firewater pond | Complete. |
| All civil work required to prepare station site for proposed facilities | Complete. |

Tankage

| Facility | Construction Status |
|--|--|
| 2 new 150,000 BBL Breakout and Storage Tanks | Commenced; approximately 89% complete. |

New Facilities on New Land at Beaver Lodge Station

Facilities

| Facility | Construction Status |
|---|--|
| Firewater System Pump Building | Foundation complete. Not otherwise commenced – building is a pre-fabricated, skid-mounted unit that has not been fabricated. |
| Electrical Switchyard | Not commenced. |
| All civil work required to prepare the station site for proposed facilities | Complete. |

Work by Others

| Facility | Construction Status |
|-----------------------|---------------------|
| Electrical Substation | Not commenced. |

STANLEY STATION

Terminal construction is approximately 43% complete at Stanley Station. With the exception of the information listed in the ‘Tankage’ table, the constructed facilities listed in the tables below comprise the 43% completion. As the ‘Tankage’ table indicates, tank construction is approximately 86% complete at Stanley Station.

New Facilities on Existing Property at Stanley Station

| Facility | Construction Status |
|--|---|
| New Suction Manifold | Only the foundations are complete. Piping not commenced. |
| 3 New 1250 HP Injection Pumps with 1500 HP Variable Frequency Drives | Only the foundations are complete. Piping, electrical and installation of pump(s) are not commenced. |
| 1 New 4000 Gallon Underground Sump Tank | Not commenced. |
| 2 New Leak Detection Meters | Only the foundations are complete. Piping, electrical and installation of pump(s) are not commenced. |
| 1 New Injection Valve set | Only the foundations are complete. Piping, electrical and installation of pump(s) are not commenced. |
| 1 New Electrical Services Building | Foundations complete and building (Metal Building System) erected; building exterior/primary walls are complete. Buildout (framing) of interior commenced and approximately 5%. No electrical nor mechanical equipment installed. |
| 1 New 4160V Arc-resistant Switch Gear | Not commenced/installed. |
| 1 New Electrical Transformer | Not commenced/installed. |
| Interconnecting pipe & valves | Only the foundations are complete. Piping not commenced. |
| Tank Fire Foam Building | Foundation complete. Not otherwise commenced – building is a pre-fabricated, skid-mounted unit that has not been fabricated. |

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 Attachment A – Facilities Construction

Tankage

| Facility | Construction Status |
|--|------------------------------|
| 1 New 80,000 BBL Breakout and Storage Tank | Commenced; approximately 84% |
| 1 New 55,000 BBL Breakout and Storage Tank | Commenced; approximately 90% |

Other Work

| Facility | Construction Status |
|---|---------------------|
| All civil work required to prepare station site for proposed station facilities | Complete |

New Facilities on newly acquired land at new Stanley Station site

| Facility | Construction Status |
|--|--|
| Firewater Protection System including firewater pond and firewater pump building | Commenced; Firewater pond complete and firewater ponding is at approximately 30% completed. Foundation for pump building is installed, but skid-mounted, pre-fabricated building fabrication not commenced, and thus building not installed. |

BERTHOLD STATION

Terminal construction is approximately 42% complete at Berthold Station. With the exception of the information listed in the 'Tankage' table, the constructed facilities listed in the tables below comprise the 42% completion. As the 'Tankage' table indicates, tank construction is approximately 96% complete at Berthold Station.

New Facilities at Berthold West Site

| Facility | Construction Status |
|--|--|
| Common Suction/Fill Manifold | Only the foundations are complete. Piping not commenced. |
| Relief Manifold | Only the foundations are complete. Piping not commenced. |
| 2 New Pipeline Stripping Leak Detection Meters | Only the foundations are complete. Piping, electrical and installation of are not commenced. |
| Connection to Existing Tank Fill Manifold | Only the foundations are complete. Piping not commenced. |
| Connection to Existing Suction Manifold | Only the foundations are complete. Piping not commenced. |
| Connection to Existing Tank Suction Manifold | Only the foundations are complete. Piping not commenced. |
| 2 New 650 HP Booster Pumps with 750 HP Variable Frequency Drives | Only the foundations are complete. Piping, electrical and installation of pump(s) are not commenced. |
| 2 New Pipeline Injection Leak Detection Meters | Only the foundations are complete. Piping, electrical and installation of pump(s) are not commenced. |
| 2 New Electrical Services Buildings | Foundations complete and building (Metal Building System) erected; building exterior/primary walls are complete. Buildout (framing) of interior has not commenced. No electrical nor mechanical equipment installed. |
| 1 New 4000 Gallon Underground Sump Tank | Not commenced. |
| Interconnecting Station Pipe & Valves | Only the foundations are complete. Piping has not commenced. |
| 1 New NPS 24 Pig Receiver | Only the foundations are complete. Piping has not commenced. |

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 Attachment A – Facilities Construction

| | |
|---|--|
| 1 New NPS 24 Pig Launcher | Only the foundations are complete. Piping has not commenced. |
| 3 new 3500 HP Mainline Pump Assemblies with 4000 HP Variable Frequency Drives | Foundations only complete. Piping, electrical and installation of pump(s) are not commenced. |
| 1 New Electrical Transformer | Not commenced. |
| Electrical Switchyard | Not commenced. |
| 1 New 5000 Gallon Underground Sump Tank | Not commenced. |
| All civil work required to prepare station site for proposed station facilities | Complete. |

Tankage

| Facility | Construction Status |
|---|---------------------|
| 1 New 300,000 BBL Breakout and Storage Tank | Commenced; at 96%. |

New Facilities at Berthold Classic Site

| Facility | Construction Status |
|---|---|
| New Maintenance Building | Site pad grading is complete. Building not commenced. |
| All civil work required to prepare station site for proposed station facilities | Completed. |

LAKOTA STATION

Construction has not commenced at Lakota Station.

New Facilities on newly acquired land at new Lakota Station Site

| Facility | Construction Status |
|---|---------------------|
| 1 New NPS 24 Pig Receiver | Not commenced. |
| 1 New NPS 24 Pig Launcher | Not commenced. |
| 2 New Leak Detection Meters | Not commenced. |
| 3 New 3500 HP Mainline Pump Assemblies and 4000 HP Variable Frequency Drives | Not commenced. |
| 1 New Pump Shelter | Not commenced. |
| 1 New Electrical Service Building | Not commenced. |
| 1 Electrical Switchyard | Not commenced. |
| 1 New Utility and Maintenance Building | Not commenced. |
| 1 New Storage Building | Not commenced. |
| Interconnecting Station Pipe & Valves | Not commenced. |
| New 5000 Gallon Underground Sump Tank | Not commenced. |
| 1 New Electrical Transformer | Not commenced. |
| All civil work required to prepare station site for proposed station facilities | Not commenced. |

Work by Others

| Facility | Construction Status |
|-----------------------|---------------------|
| Electrical Substation | Not commenced. |

New Land Requirements at New Lakota Station Site

Not commenced.