



**GRENORA STATION UPGRADE PROJECT / LITTLE MUDDY STATION  
CONNECTION PROJECT**

**Weekly Construction Status Report**

**Docket#: PU-11-605 and PU-11-606**

**August 5, 2013 through August 9, 2013**

<i>Contacts</i>	<i>Name</i>	<i>Company</i>	<i>Office</i>	<i>Cell</i>
Project Manager- Grenora	Tim Kinney	Enbridge	715-857-9005	505-320-0207
Project Manager- Little Muddy	Tim Clausnitzer	Enbridge	715-857-9004	701-319-8606

**Pipeline Construction**

**This Week's Activities**

- No activity this week.(Grenora)
- Pipeline Complete(Little Muddy)

**Next Week's Activities**

- No activity planned. (Grenora)
- Pipeline Complete(Little Muddy)

**Little Muddy to East Fork**

Clearing	100%	Complete	Trenching	100%	Complete
Grading	100%	Complete	Lowering-in/Backfill	100%	Complete
Stringing	100%	Complete	Rough Cleanup	100%	Complete
Welding	100%	Complete	Hydro test	100%	Complete



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**Weekly Construction Status Report**

**Docket#: PU-11-605 and PU-11-606**

**August 5, 2013 through August 9, 2013**

**Facilities Construction**

**This Week's Activities**

- Continue painting(Little Muddy)
- Continue Cleanup punch list items(Little Muddy)
- Start punch list clean up(Grenora)

**Next Week's Activities**

- Continue painting(Little Muddy)
- Continue punch list clean up(Little Muddy)
- Continue punch list clean up(Grenora)

**Grenora Expansion Project**

<u>Activity</u>	<u>Station</u>
Civil Work	98% complete
Mechanical Work	98% complete
Tank Construction	96% complete

**Little Muddy Project (US)**

<u>Activity</u>	<u>Station</u>
Civil Work	100% complete
Mechanical Work	99% complete
Tank Work	98% complete

#### Grenora Expansion Project Updates

- Updated New Receivers to include metering and pressure control valve assemblies.
- Added New Switchgear Building due to change in Enbridge specification.
- Updated Tank Fill Manifold from 10" to 12".
- Updated Booster pumps from 125 HP to 200 HP.
- Updated Main line pumps from 1500 HP to 2000 HP.
- Increased station piping by 1780 ft.

#### Little Muddy Expansion Project Updates

- Update Booster pumps from 125 HP to 150 HP.
- Update Tank Fill Manifold from 10" to 12".
- Added New Switchgear Building due to change in Enbridge specifications.
- Eliminated transformer from the scope of the project.
- Abandoned existing ground bed and installed new deep well and rectifier.



**GRENORA STATION UPGRADE PROJECT / LITTLE MUDDY STATION  
CONNECTION PROJECT**

**Weekly Construction Status Report**

**Docket#: PU-11-605 and PU-11-606**

**July 29, 2013 through August 2, 2013**

<i>Contacts</i>	<i>Name</i>	<i>Company</i>	<i>Office</i>	<i>Cell</i>
Project Manager- Grenora	Tim Kinney	Enbridge	715-857-9005	505-320-0207
Project Manager- Little Muddy	Tim Clausnitzer	Enbridge	715-857-9004	701-319-8606

**Pipeline Construction**

**This Week's Activities**

- No activity this week.(Grenora)
- Pipeline Complete(Little Muddy)

**Next Week's Activities**

- No activity planned. (Grenora)
- Pipeline Complete(Little Muddy)

**Little Muddy to East Fork**

Clearing	100%	Complete	Trenching	100%	Complete
Grading	100%	Complete	Lowering-in/Backfill	100%	Complete
Stringing	100%	Complete	Rough Cleanup	100%	Complete
Welding	100%	Complete	Hydro test	100%	Complete



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**Weekly Construction Status Report**

**Docket#: PU-11-605 and PU-11-606**

**July 29, 2013 through August 2, 2013**

**Facilities Construction**

**This Week's Activities**

- Continue painting(Little Muddy)
- Continue wet commissioning(Grenora)
- Flood Station pumps(Grenora)
- Cleanup punch list items(Little Muddy)

**Next Week's Activities**

- Continue painting(Little Muddy)
- Continue punch list clean up(Little Muddy)
- Start punch list clean up(Grenora)

**Grenora Expansion Project**

<u>Activity</u>	<u>Station</u>
Civil Work	98% complete
Mechanical Work	98% complete
Tank Construction	96% complete

**Little Muddy Project (US)**

<b><u>Activity</u></b>	<b><u>Station</u></b>
Civil Work	100% complete
Mechanical Work	99% complete
Tank Work	98% complete

**Grenora Expansion Project Updates**

- Updated New Receivers to include metering and pressure control valve assemblies.
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**Little Muddy Expansion Project Updates**

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**Weekly Construction Status Report**

**Docket#: PU-11-605 and PU-11-606**

**July 22, 2013 through July 26, 2013**

<i>Contacts</i>	<i>Name</i>	<i>Company</i>	<i>Office</i>	<i>Cell</i>
Project Manager- Grenora	Tim Kinney	Enbridge	715-857-9005	505-320-0207
Project Manager- Little Muddy	Tim Clausnitzer	Enbridge	715-857-9004	701-319-8606

**Pipeline Construction**

**This Week's Activities**

- No activity this week.(Grenora)
- Pipeline Complete(Little Muddy)

**Next Week's Activities**

- No activity planned. (Grenora)
- Pipeline Complete(Little Muddy)

**Little Muddy to East Fork**

Clearing	100%	Complete	Trenching	100%	Complete
Grading	100%	Complete	Lowering-in/Backfill	100%	Complete
Stringing	100%	Complete	Rough Cleanup	100%	Complete
Welding	100%	Complete	Hydro test	100%	Complete



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**Weekly Construction Status Report**

**Docket#: PU-11-605 and PU-11-606**

**July 22, 2013 through July 26, 2013**

**Facilities Construction**

**This Week's Activities**

- Continue painting(Little Muddy)
- Continue wet commissioning(Grenora)
- Tie-in pipelines(Grenora)
- PLC terminations(Grenora)

**Next Week's Activities**

- Continue painting(Little Muddy)
- Final grading(Grenora)
- Flood Station(Grenora)

**Grenora Expansion Project**

<u>Activity</u>	<u>Station</u>
Civil Work	98% complete
Mechanical Work	98% complete
Tank Construction	96% complete

**Little Muddy Project (US)**

<b><u>Activity</u></b>	<b><u>Station</u></b>
Civil Work	100% complete
Mechanical Work	99% complete
Tank Work	98% complete

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