

# ENBRIDGE™

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

### Weekly Construction Status Report

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

March 18, 2013 through March 22, 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



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

### Weekly Construction Status Report

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

March 18, 2013 through March 22, 2013

### Facilities Construction

#### This Week's Activities

- Continue pulling cable(Little Muddy)
- Continue East Fork electrical(Little Muddy)
- Install valves(Little Muddy)
- Install valves(Grenora)
- Continue setting station instrumentation(Little Muddy)
- Continue setting station instrumentation(Grenora)
- Continue ESB terminations(Little Muddy)
- Continue ESB terminations(Grenora)

#### Next Week's Activities

- Continue to install valves(Little Muddy)
- Continue to install valves(Grenora)
- Continue pulling cable(Grenora)
- Continue electrical work at East Fork(Little Muddy)
- Complete setting station instrumentation(Little Muddy)
- Continue setting station instrumentation(Grenora)
- Continue ESB terminations(Grenora)
- Continue ESB terminations(Little Muddy)
- Backfill East Fork drain tie-in excavation
- Begin dry commissioning at Little Muddy

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**Grenora Expansion Project**

<u>Activity</u>	<u>Station</u>
Civil Work	87% complete
Mechanical Work	96% complete
Tank Construction	96% complete

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**Little Muddy Project (US)**

<u>Activity</u>	<u>Station</u>
Civil Work	90% complete
Mechanical Work	96% 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.

# **ENBRIDGE™**

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

### **Weekly Construction Status Report**

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

**March 11, 2013 through March 15, 2013**

<b>Contacts</b>	<b>Name</b>	<b>Company</b>	<b>Office</b>	<b>Cell</b>
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

# **ENBRIDGE™**

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### **Weekly Construction Status Report**

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

**March 11, 2013 through March 15, 2013**

### **Facilities Construction**

#### **This Week's Activities**

- Continue pulling cable(Little Muddy)
- Continue pulling cable(Grenora)
- Continue East Fork electrical(Little Muddy)
- Install valves(Little Muddy)
- Install valves(Grenora)
- Continue setting station instrumentation(Little Muddy)
- Continue setting station instrumentation(Grenora)
- Continue ESB terminations(Little Muddy)
- Continue ESB terminations(Grenora)
- Tie-in drain piping at East Fork

#### **Next Week's Activities**

- Continue to install valves(Little Muddy)
- Continue pulling cable(Grenora)
- Continue electrical work at East Fork(Little Muddy)
- Continue setting station instrumentation(Little Muddy)
- Continue setting station instrumentation(Grenora)
- Continue ESB terminations(Grenora)
- Continue ESB terminations(Little Muddy)

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<u>Activity</u>	<u>Station</u>
Civil Work	87% complete
Mechanical Work	96% complete
Tank Construction	96% complete

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