

Sandpiper Pipeline Project
Weekly Construction Status Report
Docket # 13-848
August 16, 2015 through August 22, 2015



Contact	Title	Contact	Office Phone	Cell Phone
AJ Johnson	Supervisor, Facilities Construction	AJ Johnson	218-522-4827	715-817-6265
Sally Joyce	Regulatory Project Supervisor	Sally Joyce	713-353-6328	713-213-6894

Facilities Construction

This Week's Activities	This Week's Activities
Beaver Lodge	
Forming, install anchor bolts and rebar for mainline pump upper foundation block #3, and pour the foundation	
Continue forming, rebar and pouring pump shelter building foundation walls and piers, complete installing the mud mat for west side foundations	
Backfill and install mud mat at fire pond sump walls for the pump house foundations, continue forming and installing rebar at the upper walls	
Drill for the deep well transfer pump sleeve	
Excavate for the booster pump footings and pour the mud mat	
Continue installing steel at ESB 1 building	
Continue installing rebar and pouring cable tray support piers (no drilling this week)	
Grading for roads and install class 13 material, and general grading on the site	
Complete installing 1 1/2" rock on the west slope	
Remove temporary fencing and install permanent fence SW corner of the site	
Backfilling at tanks 9504 and 9505, clean-up site and start to demobilize earthwork equipment	
Stanley	
No work on tank foundations	
Installation of fire pond liner	
FWP area erosion control blanket/waddle installation	
ESB erection	
Install injection pump foundation form and pouring	
Continued drill pier construction	
Fencing and barrier cable installation survey	
Berthold	
Pump shelter final foundations concreting and backfilling	
Pump shelter slab and appurtenances forming and concreting	
Finish grading and miscellaneous general grading work	

Next Week's Activities	Next Week's Activities
Beaver Lodge	
Strip forms at mainline pump block #3	
Continue forming, rebar and pouring pump shelter building footings and foundation walls	
Backfill at the pump shelter and install duct banks and grounding	
Continue forming, rebar and pouring upper walls at the fire pond sump at the pump house	
Demo a portion of the fire pond spillway mud mat and re-pour	
Excavate for transfer pump sleeve foundation	
Set steel sleeves for the booster pumps	
Continue installing steel at ESB 1 building	
Continue installing rebar and pouring cable tray support piers (no drilling this week)	
Grading for roads and install class 13 material, and general grading on the site	
Install 8" drain line at the existing site, SE corner	
Backfilling at tanks 9504 and 9505, install cathodic sand, start installing bentonite liner, start CP wiring	
Start installing roads around the new tank area	
Stanley	
ESB sheeting and trim work to continue	
Injection pump foundation form stripping and backfill	
Aggregate installation for liner at FW pond	
RCP installation for MH-03-01 and 02	
Continue drill pier construction	
Fencing and barrier cable installation	
Berthold	
Pump shelter backfilling	
Pump shelter slab and appurtenances forming and concreting	
Finish grading and miscellaneous general grading work	
Punch list work	

Terminal Construction		
Site	% Complete	Status
Beaver Lodge	24%	In Progress
Stanley	32%	In Progress
Berthold	25%	In Progress

Tank Construction		
Site	% Complete	Status
Beaver Lodge	7%	In Progress
Stanley	4%	In Progress
Berthold	0%	Not Started

Sandpiper Pipeline Project
Weekly Construction Status Report
Docket # 13-848
August 9, 2015 through August 15, 2015

ENBRIDGE

Contact	Title	Contact	Office Phone	Cell Phone
AJ Johnson	Supervisor, Facilities Construction	AJ Johnson	715-398-4894	715-817-6265
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Facilities Construction

This Week's Activities	This Week's Activities
Beaver Lodge	
Forming and install rebar for mainline pump upper foundation block #3, strip forms for block #2. Continue forming, rebar, and pouring pump shelter building foundation walls and piers, install mud mat for west side walls. Continue forming, rebar, and pouring at sump walls for fire pond pump house foundations. Drill for the deep well steel sleeves at the booster pumps. Hydro-excavate for ESB 3 piers, form and pour piers. Backfill at ESB 1, grade site near building. Continue installing steel at ESB 5 building, start to install steel at ESB 1. Continue drilling, install rebar, and pour cable tray support piers. Grading at roads, install class 13 material. Install 1 1/2" rock on the west slope. Pour last ring wall section for tank 9505, clean-up site.	
Stanley	
Continue RCP installation. Earthwork at Fire Pond. Back fill at Fire Pond Pump house. Road construction continuing, including FWP area, and erosion control blankets. ESB erection. Install Injection Pump foundation form and pouring. Continued drill pier construction.	
Berthold	
Pump Shelter backfilling and final foundations concreting. Pump Shelter slab and appurtenances forming and concreting. Finish grading, and miscellaneous general grading work.	

Next Week's Activities	Next Week's Activities
Beaver Lodge	
Forming, install anchor bolts and rebar for mainline pump upper foundation block #3, and pour the foundation. Continue forming, rebar and pouring pump shelter building foundation walls and piers. Complete installing the mud mat for west side foundations. Start backfilling at the pump shelter and install duct banks and grounding. Backfill and install mud mat at fire pond sump walls for the pump house foundations. Continue forming, rebar and pouring upper walls. Drill for the deep well transfer pump sleeve, set the sleeve, and excavate for the footings. Set the steel sleeves for the booster pumps and excavate for the footings. Continue installing steel at ESB 1 and 5 buildings. Continue installing rebar and pouring cable tray support piers (no drilling this week). Grading for roads, install class 13 material, and general grading on the site. Complete installing 1 1/2" rock on the west slope. Backfilling at tanks 9504 and 9505, clean-up site and start to demob earthwork equipment.	
Stanley	
ESB erection to continue. Injection Pump foundation concrete pour. Liner installation at FW pond. RCP installation to continue. Continue drill pier construction. Fencing and barrier cable installation survey.	
Berthold	
Pump Shelter backfilling and final foundations concreting. Pump Shelter slab and appurtenances forming and concreting. Finish grading and miscellaneous general grading work. Punch List work.	

Terminal Construction		
Site	% Complete	Status
Beaver Lodge	24%	In Progress
Stanley	29%	In Progress
Berthold	25%	In Progress

Tank Construction		
Site	% Complete	Status
Beaver Lodge	6%	In Progress
Stanley	4%	In Progress
Berthold	0%	Not Started