

Sandpiper Pipeline Project
Weekly Construction Status Report
Docket # 13-848
July 19, 2015 through July 25, 2015



| Contact | Title | Contact | Office Phone | Cell Phone |
|-------------|-------------------------------------|-------------|--------------|--------------|
| AJ Johnson | Supervisor, Facilities Construction | AJ Johnson | 715-398-4894 | 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 | |
| Continue forming and installing rebar for mainline pump upper foundation blocks, pour pump block #1 | |
| Continue forming, rebar and pouring pump shelter building foundation walls | |
| Install grounding at mainline pump foundation blocks and ESB building foundations | |
| Pour mud mat and start forming and rebar for fire pond pump house foundations, pour first footing | |
| Backfill at ESB 1 and 5 | |
| Pour ESB 5 slab | |
| Remove existing culvert and install new at MH 06-01 | |
| Hydrovac at utilities for new piers, at north and south sites | |
| Start drilling for cable tray piers, make first pours | |
| Excavate for the first booster pump foundation, install flowable fill | |
| Demo light pole near new booster pump location | |
| Started to assemble steel framing for ESB 5 building | |
| Forming and rebar for tank 9504 ring wall, continue pouring wall sections | |
| Continue installing mud mat for tank 9505 foundations, form, rebar and pour ring walls | |
| Stanley | |
| ESB steel erection to continue | |
| Install Injection Pump mud mat | |
| Set Injection Pump casings | |
| Complete FW Pond concrete work | |
| Complete Cable & Earthwork in Tank demo area | |
| Complete tank foundation earthwork for Tank 9006 | |
| RCP installation/repair | |
| First tank area completed and ready for the tank contractor | |
| Berthold | |
| ESB buildings installation | |
| Pump Shelter foundation wall forming, bar placement, and pouring | |
| Mainline pump blocks bar placement, forming, and pouring | |
| Drilled shaft construction | |
| Finish grading, and miscellaneous general grading work | |
| Tank foundation excavation and controlled backfill | |

| Next Week's Activities | Next Week's Activities |
|---|------------------------|
| Beaver Lodge | |
| Continue forming and install rebar for mainline pump upper foundation block #2 | |
| Continue forming, rebar and pouring pump shelter building foundation walls and piers | |
| Install grounding at mainline pump foundation blocks | |
| Form sump walls for fire pond pump house foundations | |
| Excavate for the second booster pump foundation, install flowable fill | |
| Backfill at ESB 1, pour slab, grade site near building | |
| Continue assembling ESB 5 building framing, start to install steel | |
| Hydro-excavate for transfer pump foundation, and mechanical excavation | |
| Continue drilling, install rebar and pour cable tray piers | |
| 4-way sweep on east side of site | |
| Grading at roads, start to install class 13 material | |
| Forming and rebar for tank 9504 and 9505 ring walls, continue pouring, complete ring wall for tank 9505 | |
| Stanley | |
| ESB steel erection to continue. | |
| Install Injection Pump footings | |
| Complete FW Pond concrete work, last pour this week | |
| RCP installation to continue | |
| Road construction continuing, including FWP area, and erosion control blankets | |
| Second tank area is completed and ready for the tank contractor | |
| Berthold | |
| ESB buildings installation | |
| Pump Shelter foundation walls rebar placement and forming, and concrete pouring | |
| Mainline pump blocks form stripping | |
| Drilled shaft construction | |
| Finish grading, and miscellaneous general grading work | |
| Tank foundation controlled backfill | |

| Terminal Construction | | |
|-----------------------|------------|-------------|
| Site | % Complete | Status |
| Beaver Lodge | 21% | In Progress |
| Stanley | 23% | In Progress |
| Berthold | 22% | In Progress |

| Tank Construction | | |
|-------------------|------------|-----------|
| Site | % Complete | Status |
| Beaver | 122 | PU-13-848 |
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Sandpiper Project Crude Oil Pipeline Progress Report – week ending 7-25-2015