

WILLMAR WASTEWATER TREATMENT PROJECT

March 2010 Progress Update

Wastewater Treatment Facility – Project 0812-C

Graham Construction has approximately completed the following:



Administration Building and Site Looking to the Northwest

- The Administration Building Structure 200 is mostly complete.
- The Generator Building Structure 205 is mostly complete. Generators and switchgear are being wired. The medium voltage switchgear is complete and energized.
- The Septage Receiving Station Structure 210 is basically complete.
- The Headworks Building Structure 220 is mostly complete; painting and coating.

- The Municipal Selector Structure 234 is mostly complete.
- The Industrial Oxidation Ditch Structure 242 is mostly complete; continuing to install stairs and handrailing and aerator equipment.
- The Municipal Oxidation Ditch Structure 244 is mostly complete; continuing to install stairs and handrailing and aerator equipment.
- The Secondary Building Structure 250 is mostly complete; continuing to install chemical piping, electrical and HVAC.
- Most of the work is complete at Industrial Clarifier Structure 252.
- The Municipal Clarifier Structure 254 is mostly complete.
- The Final Building Structure 265 is mostly complete; continuing to install HVAC, plumbing, process piping and electrical.
- The Basin Drain Pump Station Structure 268 is mostly complete. The pump and piping have not been installed.
- Bio-Solids Building #1 Structure 280 is being worked on.
- Existing Bio-Solids Storage Tank #1 Structure 281 is mostly complete.
- Bio-Solids Storage Tank #2 Structure 282 is mostly complete.
- Bio-Solids Storage Tank #3 Structure 283 is mostly complete.
- Bio-Solids Storage Tank #4 Structure 284 is mostly complete.
- 100 percent of the installation of underground process piping has been completed.
- 100 percent of the installation of underground duct bank has been completed; wiring is being pulled.
- 80 percent of onsite roadways have been completed with gravel base.



Aerator Motor for Oxidation Ditch

Southern Interceptor – Project 0813-D3

S.R. Weidema has installed approximately 14,800 linear feet of 48-inch and 491 linear feet of 36-inch Interceptor piping and 27 Manholes. All Interceptor piping is installed and tested. As weather permits, the Contractor is working on inspecting and repairing manholes in preparation for inspection by representatives of Donohue and the City. The majority of surface restoration work on 28th Avenue and 30th Avenue has been completed. Final restoration work will continue after the spring thaw, including the final asphalt lift on 28th Avenue SW.

Southern Interceptor, Forcemain and Outfall – Project 0814-D4

S.R. Weidema has completed the installation of all 54-inch and 48-inch Interceptor piping (approximately 14,300 feet), all Forcemain piping (approximately 14,300 feet), all Outfall piping (approximately 3,200 linear feet), Manholes (41) and one Outfall Headwall Structure within the project limits. All infiltration testing of Interceptor piping and pressure testing of the Forcemain has been finalized. As weather permits, the Contractor is inspecting and repairing manholes in preparation for inspection by representatives of Donohue and the City.

Forcemain and Gravity Sewer – Project 0815-D5

Voss Plumbing has been actively monitoring and taking corrective action at their site for erosion and storm water management during the spring snow melt. Voss has demobilized construction equipment until early spring. They anticipate testing the completed work and making the final connection of the 16-inch Forcemain pipe to the D4 project in mid-April depending on cooperative weather.

Wastewater Pump Stations – Project 0816-D6

Di-Mar Construction is on task with their proposed schedule for the construction of the two pump stations. Work has progressed throughout the interiors of Pump Stations 710 and 720. Di-Mar has been actively working on installing the mechanical piping in the pump rooms at both pump stations. Painting of the first scheduled treatment has been completed in the electrical and pump rooms at each pump station. The HVAC roof units have been set and plumbing of ducting is currently being worked on. Electricians have installed the lights in each electrical room and are working on stubbing out the conduit leads throughout the remaining pump stations.



HVAC Ducting and Electrical Leading to Dry Pit – Pump Station 720