

WILLMAR WASTEWATER TREATMENT PROJECT

April 2010 Progress Update

Wastewater Treatment Facility – Project 0812-C

Graham Construction has approximately completed the following:

- 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; screw pump channels were grouted and RWW pumps installed.



Site and Road Preparation by Admin. Bldg.

- The Municipal Selector Structure 234 is mostly complete.
- The Industrial Oxidation Ditch Structure 242 is mostly complete; continuing to install stairs and handrailing; aerator equipment is installed.
- The Municipal Oxidation Ditch Structure 244 is mostly complete; continuing to install stairs and handrailing; aerator equipment is installed.
- The Secondary Building Structure 250 is mostly complete; continuing to install electrical, HVAC, paint and coatings.
- Most of the work is complete at Industrial Clarifier Structure 252.



Headworks Building

- 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.

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 City and Donohue representatives. The majority of restoration work on 28th Avenue and 30th Avenue has been completed. Final restoration work has resumed. The final asphalt lift on 28th Avenue SW is scheduled for early summer.

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. S.R. Weidema is finalizing restoration and cleanup, including televising drain tiles.

Forcemain and Gravity Sewer – Project 0815-D5

Voss Plumbing has been working on establishing testing procedures for acceptance of the installed 16-inch Forcemain pipe. They are also dewatering for the final connection of the 16-inch Forcemain pipe to the D4 project. Voss continues to actively monitor and take corrective action at their site for erosion and storm water management. Final site preparation and removal of the silt fence has been completed for mowing and farming activities as instructed. They anticipate testing the completed work and making the final connection to the D4 project in early May 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. They have completed all process piping in the pump rooms at both pump stations and are ready for pump installation upon delivery. Di-Mar has also installed the connection of the Forcemain to the D5 project at each pump station. Water service lines have been installed to each building. Di-Mar has finished pouring concrete for the generator pads at each pump station and is working on forms for pouring concrete for the curb and gutter, door stoops, and entrance aprons. HVAC has been installed throughout each building, and instrumentation and control wiring of these units are being completed. The electricians continue setting electrical and control panels in the electrical rooms at each Pump Station. Their focus has been the wiring of these units at Pump Station 720 for our substantial completion date.



**Installation of 48" Manhole Structure –
Pump Station 710**