

WILLMAR WASTEWATER TREATMENT PROJECT

August 2009 Progress Update

Wastewater Treatment Facility – Project 0812-C

Graham Construction has approximately completed the following:

- Structural steel for the frame of Administration Building Structure 200 is mostly complete; concrete floor is complete; masonry walls are being installed.
- 100 percent of the concrete pours are complete for the Generator Building Structure 205; masonry walls and precast have been installed.



- Most of the concrete pours are complete for Headworks Building Structure 220; installing precast and masonry walls.
- 95 percent of Municipal Selector Structure 234 is complete.
- 100 percent of the concrete pours are complete for JOTS Oxidation Ditch Structure 242; finishing concrete.
- 100 percent of the concrete pours are complete for Municipal Oxidation Ditch Structure 244; finishing concrete.

- 85 percent of Secondary Building Structure 250 is complete; masonry walls, precast walls and precast roof panels have been installed; process piping is being installed.
- Most of the work is complete at JOTS Clarifier Structure 252; completed forming and pouring radius walls and effluent trough; installed clarifier equipment.
- 90 percent of the work is complete at the Municipal Clarifier Structure 254; installing clarifier equipment.
- 80 percent of concrete is complete for Final Building Structure 265; formed and poured walls.
- 95 percent of concrete pours are complete for Basin Drain Pump Station Structure 268.
- 30 percent of conduit is complete for the Bio-Solids Building #1 Structure 280.



- Finished work on curbs and davit cranes for Existing Bio-Solids Storage Tank #1 Structure 281.
- 95 percent of Bio-Solids Storage Tank #2 Structure 282 is complete including underground piping and building.
- 95 percent of Biosolids Storage Tank #3 Structure 283 is complete including underground piping, footing walls and building.
- 95 percent of Biosolids Storage Tank #4 Structure 284 is complete including underground piping and center pier.
- 40 percent of the installation of underground process piping has been completed.
- 30 percent of the installation of underground duct bank has been completed.

Southern Interceptor – Project 0813-D3

S.R. Weidema has installed, in three locations, 12,500 linear feet of 48-inch and 475 linear feet of 36-inch Interceptor Piping and 20 Manholes. The first location begins west of the intersection at 30th Avenue SW and 15th Street SW and stops temporarily west of 1st Street on 28th Avenue SW. The second Interceptor installation is located east of County Road 15 working east along 30th Street SW to 15th Street SW. The third Interceptor installation is the connection to the existing Wastewater Treatment Facility. S.R. Weidema has completed tunneling under both Magellan Gas Lines located at Station 201+50 and Station 263+00 and is currently tunneling under 1st Street at 28th Avenue SW before starting the final tunneling operation under the Railroad Tracks and County Road 15.



Southern Interceptor, Forcemain and Outfall – Project 0814-D4

S.R. Weidema is attempting to achieve substantial completion by November 2009. S.R. Weidema continues infiltration testing of Interceptor piping and has replaced forcemain gaskets and nuts and bolts inside manholes and continues pressure testing the forcemain. S.R. Weidema has substantially completed all the 54-inch and 48-inch Interceptor piping (approximately 14,000 feet), Forcemain piping (approximately 14,000 feet) and Manholes (14) from the interface of Contract C toward County Road 15.

Forcemain and Gravity Sewer – Project 0815-D5

Voss Plumbing has suspended work until September 2009. To date Voss Plumbing has completed 5,600 lineal feet of 8-inch Forcemain with seven Manholes including all directional drilling along 18th Street SW, Minnesota Avenue SW and 16th Street SW. Restoration of all pavement cuts has been completed. Voss has completed 1,100 lineal feet of 24-inch gravity sewer line from the Willmar Avenue Jennie-O plant to future Pump Station Structure 720. Voss intends to install the remaining 16-inch Forcemain beginning in September and achieve substantial completion by November 2009.

Wastewater Pump Stations – Project 0816-D6

Di-Mar Construction is on task with the proposed schedule for the construction of the two pump stations. Di-Mar Construction has mobilized onsite to Pump Station 720 at 30th Street SW. A security fence has been put around the perimeter of the equipment and temporary construction facilities. Temporary power is being incorporated to the project for the contractor's use by Willmar Municipal Utilities. Clearing and grubbing has been completed on the entire site of Pump Station 720. Silt fence and sediment tracking devices (rock construction entrance) have been installed to control erosion. The grading of the facility entrance and wet well construction have commenced.



Pump Station 710 is scheduled to start September 8, 2009 with immediate task of asphalt removal and watermain relocation thereafter. The watermain shut down is will be coordinated with Jennie-O Turkey Store and Willmar Municipal Utilities.