

# WILLMAR WASTEWATER TREATMENT PROJECT

## July 2009 Progress Update

### Wastewater Treatment Facility – Project 0812-C

Graham Construction has approximately completed the following:

- 100 percent of footings, under floor piping, and structural steel for the frame of Administration Building Structure 200 are complete.



- 100 percent of the concrete pours are complete for the Generator Building Structure 205. Masonry walls and precast have been installed.
- 90 percent of the concrete pours are complete for Headworks Building Structure 220; continuing to install electrical conduits and underground piping; continuing to pour slabs on grade.
- 85 percent of Municipal Selector Structure 234 is complete.
- 85 percent of the concrete pours are complete for JOTS Oxidation Ditch Structure 242.
- 90 percent of the concrete pours are complete for Municipal Oxidation Ditch Structure 244; continuing to form and pour elevated deck.
- 85 percent of Secondary Building Structure 250 is complete. The masonry walls, precast walls and precast roof panels have been installed. Process piping is being installed.
- 90 percent of the work is complete at JOTS Clarifier Structure 252; completed forming and pouring radius walls and effluent trough. Began installing clarifier equipment.
- 90 percent of the work is complete at the Municipal Clarifier Structure 254; finished forming and pouring two base slabs, splitter box walls and radius walls.
- 100 percent of excavation is complete for Final Building Structure 265; installed underground piping; 25 percent of base slabs have been poured; 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.
- 60 percent of Biosolids Storage Tank #4 Structure 284 is complete including underground piping and center pier.
- 20 percent of the installation of underground process piping has been completed.
- 10 percent of the installation of underground duct bank has been completed.



### Southern Interceptor – Project 0813-D3

S.R. Weidema has installed, in three locations, 8,500 linear feet of 48-inch and 797 linear feet of 36-inch Interceptor Piping and 16 Manholes. The first location begins west of the intersection at 30<sup>th</sup> Avenue SW and 15<sup>th</sup> Street SW and stops temporarily west of 1<sup>st</sup> Street on 28<sup>th</sup> Avenue SW. The second Interceptor installation



is located east of County Road 15 working east to 30<sup>th</sup> Street SW. The third Interceptor installation is the connection to the existing Wastewater Treatment Facility. S.R. Weidema has completed tunneling under Magellan Gas Line at Station 201+50. Approximately 75 percent of the tunneling under the second Magellan Gas Line at Station 263+00 is complete. Following completion of the Magellan tunnel, Weidema will tunnel under 1<sup>st</sup> Street at 28<sup>th</sup> Avenue SW before starting tunneling under the Railroad Tracks and County Road 15.



### Southern Interceptor, Forcemain and Outfall – Project 0814-D4

S.R. Weidema has installed approximately 14,000 feet of 54-inch and 48-inch Interceptor piping from the interface of Contract C toward County Road 15. Approximately 14,000 feet of Forcemain piping and 14 Manholes have been installed from the interface of Project 0812-C to County Road 15. S.R. Weidema is attempting to achieve substantial completion by the end of September 2009. Weidema continues infiltration testing of Interceptor piping. The Forcemain fittings inside the Manholes

are not passing pressure tests. Weidema is consulting with the pipe manufacturer for direction.

### Forcemain and Gravity Sewer – Project 0815-D5

Voss Plumbing has suspended work until September. To date they have completed 5,600 lineal feet of 8" Forcemain with 7 Manholes including all directional drilling along 18<sup>th</sup> Street SW, Minnesota Avenue SW and 16<sup>th</sup> 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

Project 0816-D6 was awarded to Di-Mar Construction, Inc. of Excelsior, Minnesota, on July 7, 2009, in the amount of \$1,940,000. The Preconstruction Conference was held on July 23, 2009, with representatives of the City, Contractor, Engineer, Utilities and Jennie-O Turkey Store. A Notice to Proceed was issued with the start date of July 28, 2009. Di-Mar intends to mobilize on site in approximately 30 days.

