

# WILLMAR WASTEWATER TREATMENT PROJECT

## October 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 complete as well as the concrete floor; interior masonry walls are installed; external block, face brick, electrical, plumbing, HVAC, drywall framing and the roof system are currently being installed.
- 100 percent of the concrete pours are complete for the Generator Building Structure 205; masonry walls and precast have been installed; roof system is installed.
- 90 percent of concrete has been poured for the Septage Receiving Station Structure 210.
- Most of the concrete pours are complete for Headworks Building Structure 220; installing piping; installed roof system.
- 95 percent of Municipal Selector Structure 234 is complete; installed roof system.
- 100 percent of the concrete pours are complete for JOTS Oxidation Ditch Structure 242; continuing to finish concrete.
- 100 percent of the concrete pours are complete for Municipal Oxidation Ditch Structure 244; continuing to finish concrete.
- 90 percent of Secondary Building Structure 250 is complete; masonry walls, precast walls and precast roof system are 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 and torque tested.
- 90 percent of the work is complete at the Municipal Clarifier Structure 254; installed clarifier equipment and torque tested.
- 95 percent of concrete is complete for Final Building Structure 265; roof system is installed.
- 95 percent of concrete pours are complete for Basin Drain Pump Station Structure 268.
- 60 percent of conduit is complete for the Bio-Solids Building #1 Structure 280.
- Work on curbs and davit cranes for Existing Bio-Solids Storage Tank #1 Structure 281 is complete.
- 95 percent of Bio-Solids Storage Tank #2 Structure 282 is complete including underground piping and building; installing piping and pump.
- 95 percent of Biosolids Storage Tank #3 Structure 283 is complete including underground piping and building; installing piping and pump.
- 95 percent of Biosolids Storage Tank #4 Structure 284 is complete including underground piping, and building; installing piping and pump.
- 60 percent of the installation of underground process piping has been completed.
- 60 percent of the installation of underground duct bank has been completed.



### **Southern Interceptor – Project 0813-D3**

S.R. Weidema has installed approximately 14,000 linear feet of 48-inch and 475 linear feet of 36-inch Interceptor Piping and 28 Manholes. All piping is completed except for final boring at BNSF Railroad and County Road 15 and approximately 200 linear feet of Interceptor piping east of County Road 15. S.R. Weidema has started restoration of the City Park, driveways, curbing and landscaping on 28<sup>th</sup> Avenue SW. The first base course of asphalt paving and most of the concrete work has been completed on 28<sup>th</sup> Avenue SE and 28<sup>th</sup> Avenue SW. 28<sup>th</sup> Avenue SW is open to local traffic. S.R. Weidema continues to work on restoring 30<sup>th</sup> Avenue SW from 30<sup>th</sup> Street to 15<sup>th</sup> Street.



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

S.R. Weidema is attempting to achieve substantial completion by November 2009. S.R. Weidema has substantially completed all the 54-inch and 48-inch Interceptor piping (approximately 14,000 feet) and Manholes (28), Forcemain piping (approximately 14,000 feet) and Manholes (14) from the interface of Contract C toward County Road 15. S.R. Weidema has finalized all infiltration testing of Interceptor piping and pressure testing of the Forcemain.

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

Voss Plumbing has resumed work on the remaining construction of the D5 project. Voss Plumbing has been actively fusing together the remaining 16-inch forcemain pipe to be installed parallel to the Railroad corridor along County Road 15. They have also completed the 12-inch gravity flow connection to the JOTS Plant on Willmar Avenue. JOTS wastewater flow remains isolated to existing sewers. Work will progress with the installation of erosion control items and underground installation of the 16-inch forcemain near the electrical power substation along 30<sup>th</sup> Street.

### **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 has completed the construction of the base slab and underground concrete structure walls forming the wet well and operational pump room for Pump Station 720 at 30<sup>th</sup> Street SW. Anticipated construction consists of backfilling the underground structure and making sewer connections to the termination points of the D5 project's forcemain and gravity sewer.



Pump Station 710 at Benson Avenue is making headway with the base slab and underground concrete structure walls forming the wet well and operational pump room completed. This has been a daunting task with the soil conditions and recent wet weather experienced at this specific jobsite. Work continues on cosmetic underground wall repair and testing the wet well structure for possible leaks so backfilling around the structure can commence.