

## Monthly Report Summary



**Date:** July 6, 2009  
**To:** Mel Odens, Director of Public Works  
**Copy:** Colleen Thompson, WWTF Superintendent  
Holly Wilson  
File  
**From:** Rhonda Rae, Program Manager  
**Prepared by:** Rhonda Rae, Program Manager  
**Re:** June 2009 Monthly Report Summary

These notes summarize the activities related to the Wastewater Treatment Plant Relocation and Conveyance System Improvements for the month of June 2009.

### **Summary of Program Management Activities**

Prepared June 2009 Monthly Program Report and distributed to City Staff.

Met with City Staff regarding funding and finance issues. Worked with the City to submit Pay Request 15 to the Public Facilities Authority (PFA) for the Clean Water Revolving Fund Loan and Wastewater Improvement Fund. The full amount of the Total Maximum Daily Load (TMDL) Grant was received with Pay Request 3. Continue to work with the Minnesota Pollution Control Agency (MPCA) to secure additional TMDL Grants. Continued to work on reconciling PFA payment with the City's pay requests.

Continued to work with Don Roecker, PFA, MPCA, City staff and Donohue staff for funding opportunities from the American Recovery and Reinvestment Act of 2009 (ARRA), the federal stimulus funds, Water Resources Development Act (WRDA) and Environmental Protection Agency State and Tribal Assistance Grant (STAG) 2010 for \$300,000.

Attended EPA Environmental Review Guide for Special Appropriation Grants training at the Region 5 office in Chicago.

Continued to work on with City staff on edits and updates to Chapter 16, Division 2 Connections of the Willmar Municipal Code.

Continued to work with City staff on edits to the Industrial Wastewater Discharge Permit for Jennie-O Turkey Store.

Continued to work with legal counsel to provide information on the property acquisition. Commissioner Hearings for the property from the west (new WWTF) going east toward 15<sup>th</sup> Street SW have been completed. These properties have settled or are in condemnation. Waiting for Commissioners findings. One property has appealed the Fee Simple. The Court of Appeals has not set a trial date. Provided updated information on the impact of construction on Wallace Janssen's property.

Responded to bidders' questions on the D-6 Pump Station Project. Prepared Addendum to Project Specifications. Bids were opened June 16 and reviewed.

Working with City Staff and Legal Counsel on easement agreement for city infrastructure on JOT's property.

File management activities continued.

## **Construction Related Engineering**

### **Conveyance System**

Provided construction management on all conveyance projects and observation at the site for Projects 0813-D3, 0814-D4 and 0815-D5. Good progress continues on each of the conveyance projects.

Project 0813-D3 has installed 5,800 linear feet of 48-inch Forcemain and 12 manholes.

Project 0814-D4 has installed approximately 14,000 linear feet of 54-inch Interceptor pipe and 21 manholes. The Outfall installation is complete. Approximately 14,000 linear feet of Forcemain and 14 manholes have been installed. Some restoration work has been completed on the west side of County Road 55.

On Project 0815-D5, approximately 5,600 feet of 8-inch Forcemain pipe has been installed with 7 manholes. Approximately 1,100 linear feet of 24-inch Gravity Sewer pipe and 4 manholes have been installed. All road restoration has been completed.

Assisted with informational signage for local businesses along 28<sup>th</sup> Avenue SW.

Notified the City and assisted with developing a work plan for unknown material in 28<sup>th</sup> Avenue SW.

### **Wastewater Treatment Facilities**

Provided construction management and observation at the site for Project 0812-C.

The Contractor started concrete forming and pouring for 17 of 21 structures. Approximate progress is as follows:

- 100 percent of footings and under floor piping is completed for Administration Building Structure 200.
- 90 percent of the concrete pours are complete for the Generator Building Structure 205. Masonry walls are being installed.
- 90 percent of the concrete pours are complete for Headworks Building Structure 220; continuing to install electrical conduits and underground piping.
- 80 percent of Municipal Selector Structure 234 is complete.
- 85 percent of the concrete pours are complete for JOTS Oxidation Ditch Structure 242.
- 85 percent of the concrete pours are complete for Municipal Oxidation Ditch Structure 244; continues 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.
- 90 percent of the work is complete at JOTS Clarifier Structure 252; continues to form and pour radius walls and effluent trough.
- 90 percent of the work is complete at the Municipal Clarifier Structure 254; continue to form and pour two base slabs, splitter box walls and radius walls.
- 100 percent of excavation is complete for Final Building Structure 265; installing underground piping.

- 95 percent of concrete pours is 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.
- 10 percent of Biosolids Storage Tank #3 Structure 283 is complete including underground piping and footing walls.
- 5 percent of Biosolids Storage Tank #4 Structure 284 is complete including underground piping and center pier.
- 15 percent of the installation of underground process piping has been completed.

Coordinated schedules for startup process and Biosolids Plan.

Continued to provide Technical Shop Drawing reviews.

**Program Budget**

<b>Wastewater Treatment Facility Relocation Budget Summary June 2009</b>			
<b><u>REVENUES</u></b>			
<b>Federal</b>			
Clean Water Revolving Fund Loan		\$77,740,000	
EPA State and Tribal Assistance Grant		\$477,900	
<b>State</b>			
Wastewater Infrastructure Fund Loan		\$7,000,000	
Total Maximum Daily Load Grant		\$500,000	
<b>Local</b>			
City – WTP Reserves		<u>\$500,812</u>	
<b>TOTAL REVENUES</b>		<b>\$86,218,712</b>	
<b><u>EXPENDITURES</u></b>			
	<b>Budget</b>	<b>Current Expenses</b>	<b>Remaining Budget</b>
<b>Non-construction</b>			
Planning	\$1,140,000	\$1,140,152	(\$152)
Design	\$4,595,788	\$4,539,566	\$56,222
Land & Legal	\$1,130,000	\$1,099,649	\$30,351
Construction Engineering	<u>\$5,398,251</u>	<u>\$1,226,794</u>	<u>\$4,171,457</u>
<b>Total Non-Construction</b>	<b>\$12,264,039</b>	<b>\$8,006,161</b>	<b>\$4,257,878</b>
<b>Construction</b>			
Existing Treatment Facility Decommission Treatment Facility	\$155,505	\$149,032	\$6,473
New Treatment Facility	\$3,051,915	\$0	\$3,051,915
Collector Systems	\$51,828,000	\$13,167,540	\$38,660,460
	<u>\$18,919,253</u>	<u>\$9,954,335</u>	<u>\$8,964,918</u>
<b>Total Construction</b>	<b>\$73,954,673</b>	<b>\$23,270,907</b>	<b>\$50,683,766</b>
<b>Total Project Cost</b>	<b>\$86,218,712</b>	<b>\$31,277,068</b>	<b>\$54,941,644</b>

**Donohue  
Budget**

**Planning Phase  
Year to Date Cost Summary**

Contract Limit  
\$915,940  
Remaining Balance  
\$365

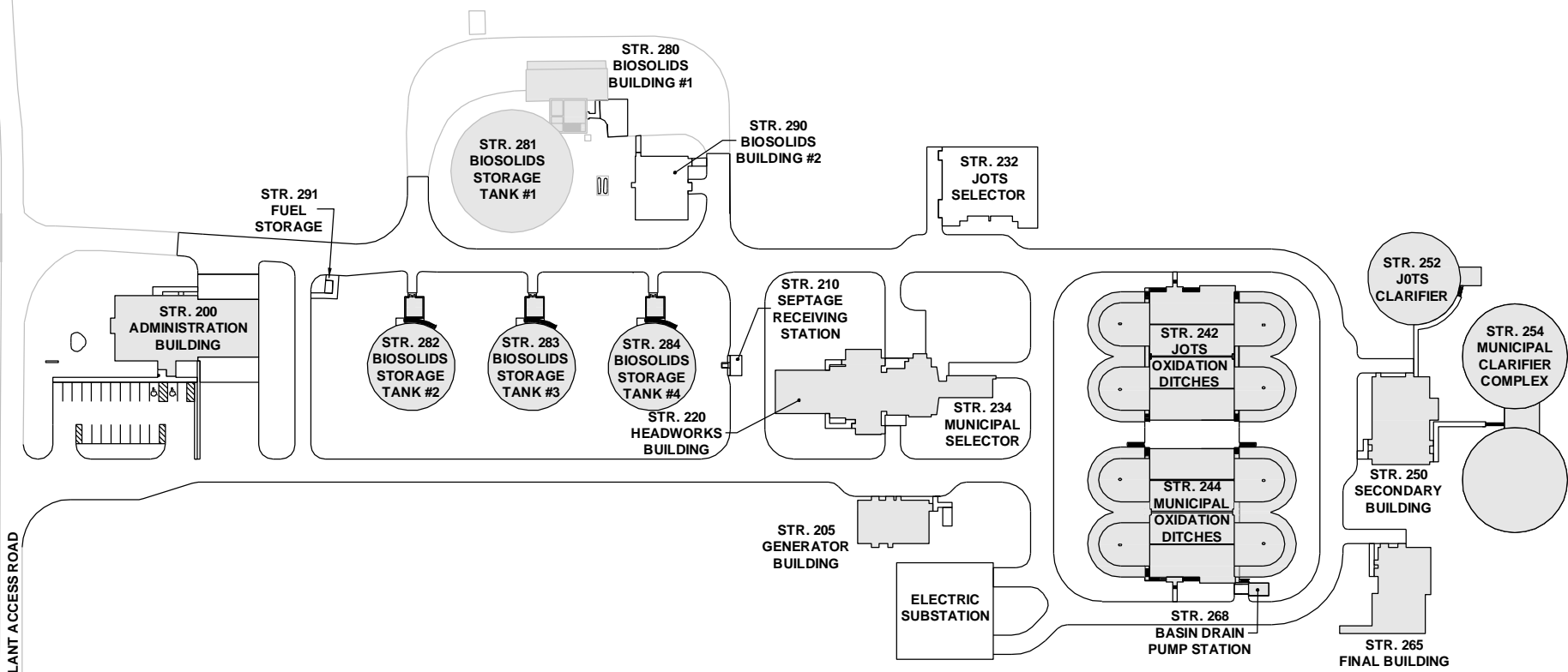
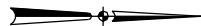
**Design Phase  
Year to Date Cost Summary**

Original Contract Limit  
\$4,359,172  
Contract Amendments  
\$198,219  
Current Contract Limit  
\$4,557,391

Invoices to date  
\$4,540,708  
Remaining Balance  
\$16,683

**Construction Phase**  
Original Contract Limit  
\$5,398,251

Monthly Beginning Balance  
\$4,167,992  
June Invoice  
\$147,762  
Remaining Balance  
\$4,020,230



PLANT ACCESS ROAD

WILLMAR TRAP CLUB



SEE CONSTRUCTION STATUS TABLE

## Construction Legend

June 2009

Structure No.	Structure Name	Progress
200	Administration Building	Poured footings; installed conduits; backfilling
205	Generator Building	Formed and poured floor; installed conduits and sub-floor piping; installing masonry walls
210	Septage Receiving Station	No activity to-date.
220	Headworks Building	Continuing to form and pour walls and slab on grade; backfilling; installing electrical conduits and underground piping
232	JOTS Selector	No activity to-date
234	Municipal Selector	Formed and poured walls sections
242	JOTS Oxidation Ditch	Finishing concrete
244	Municipal Oxidation Ditch	Formed and poured radius walls and elevated structures
250	Secondary Building	Installed architectural precast wall panels and roof planks
252	JOTS Clarifier	Forming and pouring remaining radius walls and effluent trough
254	Municipal Clarifier (1 & 2)	Forming and pouring radius and pump room walls
265	Final Building	Excavated and installed sub-floor piping
268	Basin Drain Pump Station	Poured deck
280	Biosolids Building No. 1	Continuing to install conduits
281	Biosolids Storage Tank No. 1	Completed the replacement of curbs on tank; removed and reinstalled hoists
282	Biosolids Storage Tank No. 2	Installed glass-lined storage tank
283	Biosolids Storage Tank No. 3	Installed sub-base piping; poured footings
284	Biosolids Storage Tank No. 4	Installed sub-base piping
290	Biosolids Building No. 2	No activity to-date
291	Fuel Storage	No activity to-date
---	Site	Continuing to install underground piping and electrical duct banks; backfilling structures

