

Monthly Report Summary



Date: August 3, 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: July 2009 Monthly Report Summary

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

Summary of Program Management Activities

Prepared July 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 16 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.

Completed and submitted an application for 2010 capital budget from state general obligation bond requests to the Minnesota Management and Budget Office.

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

Reviewed the Industrial Wastewater Discharge Permit for Jennie-O Turkey Store with City staff. Donohue will meet with JOTS staff before permit is issued.

Continued to work with legal counsel to provide information on the property acquisition. We are happy to report that the Minnesota Court of Appeals has issued its decision in favor of the City in the Appeal by Kvam properties. The issues before the Court of Appeals were whether the City had a public purpose, necessity and legal authority to take fee simple title to the right-of-way parcels for the interceptor sewer, instead of permanent easements. The awards were filed with the Court, have been appealed by the Kvams, and will be scheduled for a jury trial in District Court (now that this decision has been rendered), unless the Kvams attempt to appeal this decision to the Minnesota Supreme Court. Janssen Properties also appealed the award and is scheduled for a jury trial in District Court this fall.

Updated information on the impact of construction on Wallace Janssen'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 8,500 linear feet of 48-inch Interceptor, 797 linear feet of 36-inch Interceptor, and 16 manholes. Interceptor has been installed on 28th Avenue SW to 1st Street. Watermain relocation is complete on 28th Avenue SW.

The City and Donohue developed a work plan for unknown material and for reconstruction of 28th Avenue SW on Project 0813-D3. Delivered letters updating property owners and businesses on construction schedule.

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. Most restoration work has been completed on the west side of County Road 55.

Worked with adjacent property owners and PCA on using oats as a cover crop for Project 0814-D4.

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.

Wastewater Treatment Facilities

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

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

- 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 has 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.

Coordinated schedules for startup process and Biosolids Plan.

Continued to provide Technical Shop Drawing reviews.

Program Budget

Wastewater Treatment Facility Relocation Budget Summary July 2009			
<u>REVENUES</u>			
Federal			
Clean Water Revolving Fund Loan		\$77,740,000	
EPA State and Tribal Assistance Grant		\$477,900	
State			
Wastewater Infrastructure Fund Loan		\$7,000,000	
Total Maximum Daily Load Grant		\$500,000	
Local			
City – WTP Reserves		<u>\$500,812</u>	
TOTAL REVENUES		\$86,218,712	
<u>EXPENDITURES</u>			
	Budget	Current Expenses	Remaining Budget
Non-construction			
Planning	\$1,140,000	\$1,140,152	(\$152)
Design	\$4,595,788	\$4,542,163	\$53,625
Land & Legal	\$1,130,000	\$1,102,661	\$27,339
Construction Engineering	<u>\$5,398,251</u>	<u>\$1,374,556</u>	<u>\$4,023,695</u>
Total Non-Construction	\$12,264,039	\$8,159,532	\$4,104,507
Construction			
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	\$17,356,842	\$34,471,158
Pump Stations 710 & 720	\$16,631,303	\$10,958,666	\$5,672,637
	<u>\$2,287,950</u>	<u>\$0</u>	<u>\$2,287,950</u>
Total Construction	\$73,954,673	\$28,464,540	\$45,490,133
Total Project Cost	\$86,218,712	\$36,624,072	\$49,594,640

**Donohue
Budget**

**Planning Phase
Year to Date Cost Summary**

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

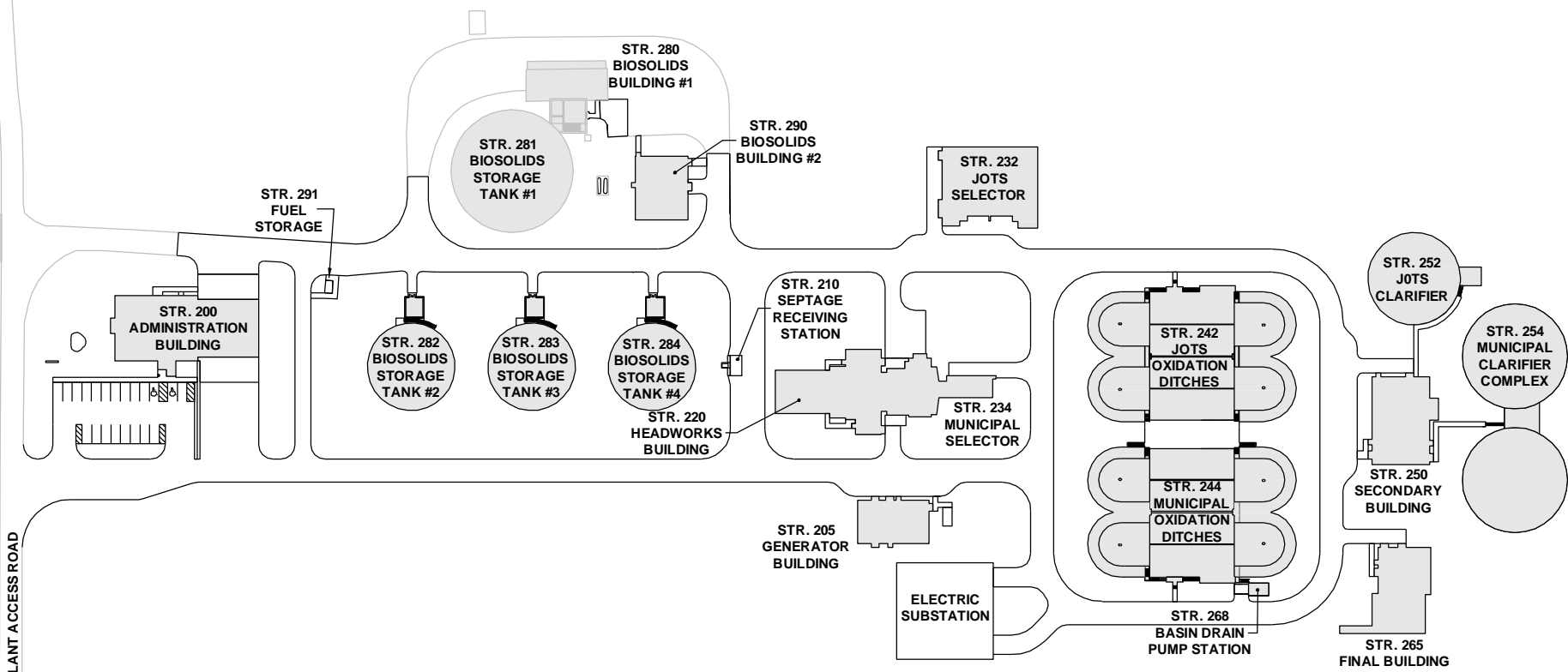
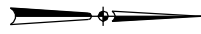
**Design Phase
Year to Date Cost Summary**

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

Invoices to date
\$4,541,459
Remaining Balance
\$15,932

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

Monthly Beginning Balance
\$4,020,230
July Invoice
\$151,141
Remaining Balance
\$3,869,089



PLANT ACCESS ROAD

WILLMAR TRAP CLUB



SEE CONSTRUCTION STATUS TABLE

Construction Legend July 2009

Structure No.	Structure Name	Progress
200	Administration Building	Installed conduits, underground plumbing, structural steel; backfilling.
205	Generator Building	Installed precast and roofing.
210	Septage Receiving Station	No activity to-date.
220	Headworks Building	Continuing to form and pour walls and slab on grade; backfilling; installed electrical conduits and underground piping.
232	JOTS Selector	Excavated; poured slab on grade; installed underground piping; formed and poured footing walls. Poured slab on grade.
234	Municipal Selector	Continuing to form and pour wall sections.
242	JOTS Oxidation Ditch	Finishing concrete; poured radius walls.
244	Municipal Oxidation Ditch	Formed and poured radius walls.
250	Secondary Building	Installed monorail and pipe hangers; installing roof.
252	JOTS Clarifier	Setting clarifier equipment.
254	Municipal Clarifier (1 & 2)	Finishing concrete.
265	Final Building	Poured lower slab and walls to ground level.
268	Basin Drain Pump Station	No activity in July.
280	Biosolids Building No. 1	No activity in July.
281	Biosolids Storage Tank No. 1	No activity in July.
282	Biosolids Storage Tank No. 2	Installed glass-lined storage tank (basically complete); installing building roof.
283	Biosolids Storage Tank No. 3	Installed glass-lined storage tank (basically complete); installing building roof.
284	Biosolids Storage Tank No. 4	Installed sub-base piping; installing glass-lined storage tank.
290	Biosolids Building No. 2	Poured footings, footing walls and slab on grade. Installed underground process piping, plumbing and conduits.
291	Fuel Storage	No activity to-date.
---	Site	Continuing to install underground piping and electrical duct banks; backfilling structures.

