

Monthly Report Summary



Date: December 8, 2009

To: Mel Odens, Director of Public Works

Copy: Colleen Thompson, WWTF Superintendent
Holly Wilson, Assistant City Engineer
Michael Schmit, City Administrator
Steve Okins, Finance Director
File

From: **Rhonda Rae, Program Manager**

Prepared by: Rhonda Rae, Program Manager

Re: **November 2009 Monthly Report Summary**

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

Summary of Program Management Activities

Prepared November 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 1 to the Public Facilities Authority (PFA) for the new 30-year Clean Water Revolving Fund Loan and Wastewater Improvement Fund and Pay Request No. 6 for the Total Maximum Daily Load (TMDL) grant. Continued to work with City staff on reconciling PFA payment with city pay request.

Worked with City Staff, PFA and Springsted on refinancing the original 20 year loan balance into a 30 year loan agreement.

Worked with the City to submit Pay Request 2 to the Public Facilities Authority for American Recovery and Reinvestment Act (ARRA) and Clean Water Revolving Funds.

Continued to work with Don Roecker, PFA, MPCA, EPA, City staff and Donohue staff for funding opportunities. Submitted final signed paper work for the EPA STAG Grant.

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 and JOTS staff on edits to the Industrial Wastewater Discharge Permit for Jennie-O Turkey Store.

The Kvams appear to be claiming that the all or most of the various parcels should be considered (for damage purposes) as a whole, irrespective of ownership (e.g., the Thomas Kvam parcels along with the Phil Kvam parcel). The basis of the claim is the theory that the parcels are all (or most) operated together in a single operation. Donohue and City Staff will continue to discuss with Kennedy and Graven on trial preparations. This is the tentative schedule from Kennedy and Graven for the Kvam Trial:

1. The next 6 months will be for discovery, including docs and depositions but not experts;
2. Motion practice for another 60-90 days;
3. Exchange of expert reports, appraisals and any other experts, approximately 11/30;
4. Mediation 30 days, or 12/31/10;
5. Pre-trial submissions 1/15/11;
6. Trial on or after 2/1/11.

The court has not set a new trial date as of this date. Kennedy and Graven will try and set up a mediation

Continue to provide information on Groothuis property, commissioners hearing scheduled for March 3, 2010.

Continue to provide updated information on the impact of construction on Wallace Janssen's property. All discovery items must be filed with the courts by 12/15/09

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 approximately 14,550 linear feet of 48-inch and 491 linear feet of 36-inch Interceptor Piping and 28 manholes. All piping has been completed with the exception of the final 200 linear feet of Interceptor Piping boring at BNSF Railroad and County Road 15.

On Project 0814-D4, S.R. Weidema has proposed to achieve substantial completion by December 2009. They have substantially completed all 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. Approximately 3,200 linear feet of Outfall piping to Hawk Creek has been installed.

On Project 0815-D5, the contractor has completed periodic work on the remaining construction of the project. The installation of new erosion control items including silt fence are currently being installed parallel to the proposed 16-inch forcemain near the electrical power substation along 30th Street and along the Railroad corridor of County Road 15.

On Project 0816-D6, the contractor is on task with the proposed schedule for the two pump stations. They have completed and backfilled the underground portion of the structure for Pump Station 720 at 30th Street SW. Pump Station 710 at Benson Avenue is making headway with the completion of the top concrete slab over the wet well and dry pit. Work will then terminate upon setting precast roof segments.

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 20 structures. Approximate progress is as follows:

- 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.

- 100 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; roof system is installed; installing piping and screw pumps.
- 100 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; installing stairs and handrailing.
- 100 percent of the concrete pours are complete for Municipal Oxidation Ditch Structure 244; installing stairs and handrailing.
- 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; installing domes.
- 100 percent of concrete is complete for Final Building Structure 265; roof system is installed.
- 100 percent of concrete pours are complete for Basin Drain Pump Station Structure 268.
- 80 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.
- 90 percent of the installation of underground process piping has been completed.
- 90 percent of the installation of underground duct bank has been completed.
- 40 percent of onsite roadways have been completed with gravel base.

Coordinated schedules for startup process and Biosolids Plan.

Continued to provide Technical Shop Drawing reviews.

Program Budget

Wastewater Treatment Facility Relocation Budget Summary November 2009			
<u>REVENUES</u>			
Federal			
American Recovery & Reinvestment Act (ARRA) Grant		\$447,179	
Clean Water Revolving Fund Loan (3.275%)		\$73,311,170	
Clean Water Revolving Fund Loan (2.45%)		\$1,788,716	
EPA State and Tribal Assistance Grant		\$477,900	
State			
Wastewater Infrastructure Fund Loan		\$7,000,000	
Total Maximum Daily Load Grant		\$2,692,935	
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	\$4,543,804	\$51,984
Land & Legal	\$1,130,000	\$1,125,260	\$4,740
Construction Engineering	\$5,199,356	\$2,080,594	\$3,118,762
Construction Engineering – D6	<u>\$198,895</u>	<u>\$21,443</u>	<u>\$177,452</u>
Total Non-Construction	\$12,264,039	\$8,911,253	\$3,352,786
Construction			
Existing Treatment Facility	\$155,505	\$149,032	\$6,473
Decommission Treatment Facility	\$3,302,865	\$0	\$3,302,865
New Treatment Facility	\$51,828,000	\$31,609,479	\$20,218,521
Collector Systems	\$16,631,303	\$14,248,732	\$2,382,571
Pump Stations 710 & 720	<u>\$2,037,000</u>	<u>\$354,475</u>	<u>\$1,682,525</u>
Total Construction	\$73,954,673	\$46,361,718	\$27,592,955
Total Project Cost	\$86,218,712	\$55,272,971	\$30,945,741

**Donohue
Budget**

Planning Phase

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

Design Phase

Original Contract Limit	\$ 4,359,172
Contract Amendments	198,219
Current Contract Limit	<u>\$ 4,557,391</u>

Invoices to date	<u>4,541,849</u>
Remaining Balance	\$ 15,542

Construction Phase

Original Contract Limit	\$ 5,398,251
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Program Management/CRS

Total Contract	\$ 5,199,356
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Monthly Beginning Balance	\$ 3,118,761
November Invoice	<u>170,340</u>
Remaining Balance	\$ 2,948,421

Pump Station Program Management/CRS

Total Contract	\$ 198,895
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Monthly Beginning Balance	\$ 177,453
November Invoice	<u>11,113</u>
Remaining Balance	\$ 166,340