

**IRONHOUSE SANITARY DISTRICT
WASTEWATER TREATMENT PLANT
EXPANSION PROJECT**



CONSTRUCTION MANAGEMENT

PROGRESS REPORT No. 26

June 2011

SUMMARY OF CONSTRUCTION STATUS

Contractor: Western Water Constructors, Inc

Base Contract Amount	\$54,455,209.00
Change Orders Executed	\$ 853,662.53
Total Contract Cost	\$ 55,308,871.53
Contract Amount Earned.....	\$ 51,113,952.00
Progress Payment for June 2011 (includes retention)	\$ 380,179.00
Retention Withheld.....	\$ 19,009.00
Previous Progress Payments (excludes retention).....	\$ 48,558,255.00
Estimated Percent Complete.....	92.4%

Schedule

Notice to Proceed	April 20, 2009
Base Contract Duration	900 consecutive days
Original Completion Date.....	October 6, 2011
Time Extension Authorized.....	6 day
Revised Duration.....	906 consecutive days
Revised Completion Date.....	October 12, 2011
Weather Days (included in base duration).....	40 days
Weather Days Expended (included in time expended)	17 days
Time Expended.....	802 Days
Percent Time Expended.....	88.5%

Construction Manager's Summary

1. Schedule

The current schedule shows project completion on schedule. The critical path continues to run through the startup activities and electrical installation.

2. Work Progress

The majority of the installation and testing has been completed in preparation of seeding the plant. The majority of on-going work is related to startup activities and correction of issues as they arise. All facilities except the UV and the Solids Handling Building are ready for seeding in July. The UV and Solids Handling Building facilities are not scheduled to be in service until August.

Site Piping/Electrical

Installation of storm drain pipe and facilities continued.

Biofilter installations continued. Biofilters were smoke tested after each stage of installation to check for proper air distribution throughout the filters.

Standby Generators were load tested. Preparation for installing site lighting began.

Influent Pump Station

No work this period.

Headworks

Testing and startup activities continued.

Anoxic/Aeration Basins

Testing and startup activities continued.

MBR and Backpulse Tank

Commissioning MBR equipment was nearly completed. Final testing and training will be completed once the facilities are in service.

Chemical/Blower Building

Blower startup and testing continued. Equipment installation was completed.

Solids Handling Building

Electrical installation continued throughout the Solids Handling Building. Preliminary startup activities and training were completed on the Belt Press. Final tuning/testing will be completed after the equipment is in service.

UV/Effluent Pump Station

Commissioning and control testing of the equipment continued.

Outfall Installation

Rip rap was placed at the outfall pipe on the levee. A short section of outfall pipe remains. The alignment was potholed to determine the location of existing facilities.

3. Contract Changes

Ten contract change orders were issued in June for a net total of \$78,802.00.

4. Testing

Only two days of soils testing were required in June. Soils testing will ramp up in July as final grading and paving activities begin.

5. Anticipated Work for Next Month

The plant will be seeded and placed on line and will begin treating wastewater.

Civil work will continue including storm drainage and light pole installations. Final grading will begin.

Installation and testing of the biofilters will be completed.

Preliminary testing of the UV system will be completed. Modifications to the bottom of the north channel will be completed.

Electrical work and startup and testing activities will continue in the Solids Handling Building. Sludge processing may start by the end of the month depending on the treatment process.

PROJECT ADMINISTRATION

SUBMITTAL STATUS

	Received		Returned	Pending
	To Date	June	To Date	
First Time Shop Drawing Submittals	664	8	664	0
Request for Information	806	7	805	1

CHANGE ORDER SUMMARY

	Number	Amount
Change Orders Executed in June	10	\$78,802.00
Change Orders Executed to Date	136	\$853,662.53
Percent to Date of Original Contract		1.57 %

WEATHER RELATED DELAYS

	Days
Base Contract Allowance	40
Weather Related Days in June	0
Weather Related Days to Date	17



Smoke Testing the SHB Biofilter Prior to Placing the Media



Installation of the Concrete Lined Ditch



Preparation for Installation of Site Lighting



Generator Field Testing



Preparing Manhole to Divert Flow to the New Treatment Facilities



Rip Rap Placement at the Levee Slope