



Memorandum

To: Jim Kizer, P.E.

From: Steve Solters, Construction Project Manager

Date: 8/16/07

*Subject: Okaloosa County Arbennie Pritchett Water Reclamation Facility:
Monthly Status: through August 15, 2007*

This memorandum serves as the CDM status report for the referenced project from the previous report through August 15, 2007.

Progress of Work

Design

General

- CDM attended a progress review meeting with OCWS on July 19, 2007.
- Design is advancing and expect to be at 75% overall by August 28, 2007.
- A technical review meeting has been scheduled for September 6, 2007, and 75% complete plans and specifications will be distributed on August 28, 2007.

Design Drawings

A progress set of drawing is provided reflecting the status of the work through August 16th, 2007.

General

- Finalized Hydraulic profile drawing.

Process Mechanical

- Upstream splitter box: Upstream splitter box has been combined with the head works structure to minimize head loss.

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- BNR process: Equipment selection verified, 3D model progressing in conjunction with vendor coordination. Shop drawings are progressing on the BNR basin.
- Splitter Box/RAS Pump Station: 3D model nearly complete.
- Clarifier: Detail design progressing in conjunction with equipment manufacturers and basin subcontractor. Shop drawings on the basin are progressing.
- Headworks: Drawing is 75% complete and specifications for equipment are drafted.
- U.V. and Effluent Pump Station: Design is approximately 75% complete. CDM continues to evaluate alternatives to measure flow in each UV channel
- Solids Handling Systems: Polymer feed layout complete. Design development at 75% complete. Centrifuge model is 90% complete. Centrifuge Feed Pumps model at 60%. RDT model is 80% complete. Digester model at 80% complete, blowers model at 80% complete. Shop drawings on the basin are progressing.

Civil

- Grading and Drainage: Complete.
- Yard Piping: Design development is continuing.
- Yard Piping is 60% complete
- Early Site Work Package was completed and was submitted to OCWS on August 8, 2007.

Architectural

- Maintenance Building: 3D model is 65% complete.
- Administration Building: 3D model is 65% complete.
- Electrical Building 1: 70%
- Electrical Building 2: 70%
- Specifications: Specifications are 80% complete.
- An architectural review/coordination meeting was held with OCWS on August 16, 2007

Structural

- Structural design of all structures is advancing
- The structural design for the cover for the area west of the maintenance building has been advanced

Electrical

- Electrical design development continues in support of mechanical and architectural. Overall electrical drawings are 40% complete

Instrumentation

- PIDs: Final P&ID refinement underway.
- CDM continues to evaluate alternatives to measure flow in each UV channel.

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- Overall, instrumentation drawings are 90% complete.

Procurement

Specifications for procurement for the following are have been prepared and are undergoing CDM internal review:

Section	Title
02616	Ductile Iron Yard Pipe
11241	Sodium Hypochlorite Feed System
11280	Slide Gates and Weir Gates
11285	Sluice Gates and Stop Logs
11320	Vortex Grit Collection System
11325	Grit Classification Equipment
11331	Mechanical Screens (Fine Screens)
11332	Screenings Compactors
15062	Ductile Iron Pipe and Fittings
15100	Valves

Construction

- The trailers have been set and blocked.
- The temporary road is installed 95%.
- The parking lot is installed 95%.
- The temporary power under ground conduit is installed 100%.
- The temporary power panel is installed 100%.
- The temporary power 400 amp breaker panels will be installed this week.
- The decking and stairs will be installed this week.
- A check has been delivered from CDM today to Gulf Power we are anticipating temporary power will be installed by GP this week.
- The early site package is being reviewed this week and should go out this week.
- CDM has hired a temp admin for the site -we anticipate her start August 20th, assuming temporary power is in place.
- CDM is acquiring office furniture and office equipment to move in week of Aug 20.

cc: Kart Vaith
Charlie Voss
Don Maurer
Steve Solters
David Kozan