



Memorandum

To: Jim Kizer, P.E.

From: Steve Solters, Construction Project Manager

Date: 9/20/07

*Subject: Okaloosa County Arbennie Pritchett Water Reclamation Facility:
Monthly Status: through September 19, 2007*

This memorandum serves as the CDM status report for the referenced project from the previous report through September 19, 2007.

Progress of Work

Design

General

- CDM held a 75% technical review committee meeting on September 6, 2007 which was attended by representatives of OCWS, ESG and HDR.
- CDM is in receipt of comments on 75% design and is approximately 90% complete with response. CDM will respond next week.
- CDM Interdisciplinary cross check is scheduled for September 24-26th.
- Design is advancing and expect to be at 95% overall by September 31, 2007.
- Remaining work will consist of final review and coordination.

Design Drawings

A progress set of drawing is provided reflecting the status of the work through September 17th, 2007.

General

- Quality review of hydraulic profile performed.
- Site isometrics have advanced and are nearly complete.

Process Mechanical

- BNR process: 3D model progressing in conjunction with vendor coordination. Shop drawings are progressing on the BNR basin.
- Detailed equipment, valve and access placement for BNR nearly complete.
- Splitter Box/RAS Pump Station: 3D model complete.
- Clarifier: Detail design progressing in conjunction with equipment manufacturers and basin subcontractor. Shop drawings on the basin are progressing. Ancillary facilities advanced.
- Headworks: Nearly complete.
- U.V. and Effluent Pump Station: Design is approximately 90% complete. Effluent pump discharge piping modified.
- Solids Handling Systems: Polymer feed layout complete. Design development at 90% complete. Centrifuge model is 90% complete. Centrifuge Feed Pumps model and RDT model is nearly complete. Digester model is nearly complete. Shop drawings on the basin are progressing.

Civil

- Grading and Drainage: Complete.
- Yard Piping: 90% complete and design development is continuing.

Architectural

- Maintenance Building: 3D model is 80% complete.
- Administration Building: 3D model is 80% complete.
- Electrical Building 1: 80%
- Electrical Building 2: 80%
- Specifications: Specifications are 90% complete.
- Architectural is continuing to advance.

Structural

- Buildings except administration at 90% complete.
- Administration building at 60% complete.
- Head works is at 85% complete.

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- RAS WAS is at 60% complete.
- U.V. and Effluent is at 70% complete.
- Centrifuge is at 90% complete.
- Access and platforms are at 60% complete.

Electrical

- Electrical design development continues in support of mechanical and architectural. Overall electrical drawings are 80% complete.

Instrumentation

- PIDs: Final P&ID refinement to be completed next week in advance of cross check.
- Overall, instrumentation drawings are 90% complete.

Procurement

- Specifications are overall 95% complete and final coordination is underway with remainder of vendors.
- Specifications for strainer, scum pumps, RAS WAS pumps, revised effluent pumps, and revised reuse pumps will be provided for review.
- Procurement for Precon embedded piping is underway.
- Balance of embedded piping will be submitted soon.

Construction

- Clearing and grubbing of Site is 98% Complete.
- Silt fence installation is 100% Complete.
- Site contractors and construction stakeout surveyors (NWF / Seaside) are 85% complete with survey for western road. NWF expected to start installing road this week
- Electrical, water and sewer to trailers is 100% Complete
- CDM and ESG have occupied site trailers
- CDM has completed proof rolling test strips and soil test excavation for three areas of the site last week. CDM will transmit finding and recommended course of action to ESG/OCWS this week. Digester soil work will commence in support of the digester tank installation.
- Precon Mobilization is expected to start week of Oct 1st. The first structure to be constructed will be the Digester Tank.
- The first CDM / Vendor requisition for Precon tank floor imbeds under tank mechanical systems has been processed into the county's OPE purchasing system.

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- Design documents to support bid packages are on schedule with emphasis on procurement being the important focus at this time.

cc: Kart Vaith
Charlie Voss
Don Maurer
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