

**BRUCE CAHOON WATER TREATMENT PLANT
AND APPURTENANT WORK
HARWICH, MASS**

**PROJECT PROGRESS MEETING #11
April 1, 2011**

MEETING MINUTES

I. ATTENDEES

Danette Gonsalves, Town of Harwich Water Department (HWD) Board
Craig Wiegand, HWD
Paul Costello, Polaris Consultants
Ted Galeota, Weston & Sampson (W&S) CMR
John Hanifin, W&S CMR

II. OUTSTANDING CONTRACT AWARD DOCUMENTATION

No outstanding contract award documents. The Bruce Cahoon Water Treatment Plant Agreement was authorized on September 28, 2010 and the Notice to Proceed was issued on October 14, 2010. The scheduled completion date is October 14, 2011.

III. SUBMITTAL REVIEW

The submittal review to date is summarized on the Submittal Log dated April 1, 2011 and provided in Attachment One. Since the last meeting, Polaris has reviewed the Metal Building System Span Submittal (#10.1) and requested they be revised and resubmitted. Polaris has also received the Exhaust Fan (#32.6), Ductwork (#32.7) and Interior Piping (#37.0) submittals. The mechanical submittals are being reviewed by RW Sullivan and the Metal Building submittals are being reviewed by DiMarinisi & Wolfe and Lin Associates. The Instrumentation and Controls submittal (#27) is critical path and will be resubmitted the week of April 18th.

Critical path items remain the remaining Metal Buildings System submittals as required under Section 13120 and the responses to the requests for specified items (i.e. SCADA Layout Plan) and coordination of the valves/flow with Roberts Filter as part of Submittal #27. The Revised Pre-cast Plank Submittal (#34.1) is also under review by Lin Associates and shall be returned the week of April 4th.

Town Counsel has also reviewed the Roberts Filter product warranty and a dialogue continues on the coordination of specific product warranties and the overall warranty aspects outlined in the General Conditions. W&S CMR will take the lead on the workmanship warranty, as well as provide a blanket for the multiple products in accordance with General Condition 6.19.

Polaris has provided W&S with a letter in response to the Building Departments Fire Alarm comments and the information has been submitted to the Town, along with the

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proposed propane tank location. Proposed equipment pad work is contingent upon Fire Department approval of the propane tank location.

IV. SCHEDULE ISSUES

The following schedule issues were highlighted:

- The Residual Lagoon liner is about 2 weeks ahead of schedule
- The foundation work is about one week ahead of schedule
- Site grading has slipped one week behind schedule
- Building fabrication is on schedule
- Pre-cast plank fabrication is one week behind schedule
- Masonry is one week behind

Overall, the Metal Building construction has become the critical path and will drive the final schedule. Miscellaneous items (such as site grading) have lagged as a result.

V. FORESEEABLE FOUR WEEK SCHEDULE OF ACTIVITY

During the next four weeks, W&S CMR plans to conduct the following tasks:

1. Continue with submittals;
2. Continue Permitting activities (with Harwich Building Department) – including response to the Town’s request for further fire protection information;
3. Continue to construct CMU block wall that commenced on 3/31/11;
4. Install electrical line; and
5. Complete site grading.

VI. OLD BUSINESS

Change Order #2 has been approved in the amount of \$5,415.45. Items include time and materials for 10-inch water main conflict, installation of gas vents for the drain system, additional concrete work (22 cys) and a deduction for revisions to the metal frame.

The Town is awaiting approval of the 1,000 gallon propane tank in lieu of the gas line shown on the project drawing, and final approval of the Fire Alarm system. Once approved by the Town, these items will be incorporated into an Extra Work Order (EWO#1).

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W&S and McKay have priced out the additional vault work on the south side of the building and the Town is weighing other options.

VII. NEW BUSINESS

No new business.

VIII. TOWN COORDINATION ISSUES

Coordination issues include:

1. The Harwich Building Department has issued the Building Permit but still requires additional information on the fire protection of the building (see above).
2. Town Counsel is reviewing the Roberts' product warranty and GC warranty language.

IX. NEXT MEETING

The next project meeting was scheduled to be in the site trailer on Friday, April 22, 2011. Future meetings will be every other week.

ATTACHMENT ONE

SUBMITTAL LOG