

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

**PROJECT PROGRESS MEETING #9
March 4, 2011**

MEETING MINUTES

I. ATTENDEES

Donald Bates, Town of Harwich Water Department (HWD)
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 March 2, 2011 and provided in Attachment One. Since the last meeting, Polaris has received the Revised Overhead Coiling Door submittal (#29.1), the Revised Metal Building System Calculations (#35.1) and Design Drawings (#35.2). The painting submittal is being reviewed by has been forwarded to DiMarinisi & Wolfe and the structural submittals have been forwarded to Lin Associates. The Instrumentation and Controls submittal (#27) comments from VSG have also been received and are under review by the Town.

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) as part of Submittal #27. It was agreed that the building submittal must address all previous clarifications and the requirements of the previous Site meetings, plans and specifications. The SCADA submittal and outstanding requests for information (RFI#15 received on February 6th) were also discussed. As a follow up to the February 11th meeting, ITS has been:

1. Coordinating the proposed valves with W&S; and
2. Coordinating the well connections with the Town. A separate meeting was held as scheduled.

Town Counsel has also reviewed the Roberts Filter product warranty and a dialogue has begun 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.

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In response to the Town of Harwich request for further information relative to fire protection on January 18, 2011, Seaside Alarms has submitted preliminary sketches and a proposal to install smoke detectors and the alarm system. The sub-slab conduits have been coordinated by W&S, along with the SCADA conduits. Seaside will be working as a subcontractor to W&S CMR and the additional fire alarm work shall be covered under an approved Extra Work Order

IV. SCHEDULE ISSUES

The foundation walls have been completed, the south side water utilities have been constructed, and the concrete slab pour will commenced on March 4, 2011 – about one week ahead of schedule. In general, the overall project will remain on schedule, with the concrete work advanced and the Metal Building System being pushed off two weeks in accordance with the revised schedule (Submittal 5.2) made on February 11th.

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. Install drainage structures at the north side of the building;
4. Complete the placement of interior slab and wall curbing.

VI. OLD BUSINESS

Change Order #1 needs to be completed. The Change Order will total \$10,692.04 and will be for the larger Zurn Trench Drain and additional electrical conduits through the concrete foundation, as well as credits for the erosion controls and the use of 16” pipe provided by the Town.

The Town has decided to install a 1,000 gallon propane tank in lieu of the gas line shown on the project drawings. The change is being shown on plan by Polaris and shall be coordinated with W&S and R.W. Sullivan

The Town received a new Request for Information concerning the need for vents on the trench drain pipe, as is required by the building code. R.W. Sullivan has confirmed that the vent pipe is needed. W&S will submit the additional cost on a T&M basis.

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VII. NEW BUSINESS

While installing the new 16" pipe at the south side of the building, a conflict with the existing 10" main was encountered. About 20-feet of the 10" main was lowered on a T&M basis.

New Requests for Information have been submitted for the distribution box pipe restraint (RFI #17) and the Pre-cast Concrete Planking Loads (RFI #18)

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. HWD meeting on SCADA coordination with well fields has been held.
3. 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, March 18, 2011. Future meetings will be every other week.

ATTACHMENT ONE

SUBMITTAL LOG