

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

**PROJECT PROGRESS MEETING #14
May 20, 2011**

MEETING MINUTES

I. ATTENDEES

Craig Wiegand, Harwich Water Department
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 May 4, 2011 and provided in Attachment One. Since the last meeting, the Interior Control Valves and Process Piping submittals (Submittal #'s 37.0, 37.1, 37.2 and 37.3) were reviewed and approved. Polaris as received the Damper submittal (#32.8).

IV. SCHEDULE ISSUES

The Pre-Cast Planking was delivered on 5/19/11. In accordance with W&S's revised schedule (#5.4) the critical path items remain the delivery of the Metal Building (5/30/11) and Filters (6/13/11). The building is about a month behind schedule; however the filters remain on schedule.

McKay has completed the residual lagoon and general Site work and the Town is moving forward with the miscellaneous revisions (installation of vault and piping and drainage structures) before McKay returns. Overall, the Metal Building construction has become the critical path and will drive the final schedule.

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. Finalize Permitting activities (with Harwich Building Department) – including response to the Town's request for further fire protection information;
3. Complete finish concrete work;

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4. Install electrical line, 8" sleeve to future NaOH pad; and 3" sleeve for exterior propane tank;
5. Complete installation of planks;
6. Continue fabrication of metal building, filters and their delivery; and
7. Continue fabrication of SCADA hardware.

VI. OLD BUSINESS

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.

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).

W&S and McKay have priced out the additional vault work on the south side of the building and the Town has decided to complete the work themselves. The work began the week of May 9th and will be ongoing as the Town's schedule allows.

In light of the potential sheet flow of runoff from the Site to the Town's aquifer, Polaris reevaluated Sheet C-2, regraded the Site as necessary and made recommendations for collecting runoff. Drainage structures have been ordered from Shorey Precast.

ITS is also working with the HWD electrician on the best approach for bringing telephone and fiber optics to the Site.

VII. NEW BUSINESS

No new business.

VIII. TOWN COORDINATION ISSUES

Coordination issues include:

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1. The Harwich Building Department has issued the Building Permit and has the additional information on the fire protection of the building (see above).
Written approval is forthcoming.
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, June 3, 2011. Future meetings will be every other week.

ATTACHMENT ONE

SUBMITTAL LOG