



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

WATER RESOURCES BOARD
100 North Main Street, 5th Floor
Providence RI 02903
(401) 222-2217; FAX (401) 222-4707
www.wrb.state.ri.us

CONSTRUCTION, ENGINEERING AND OPERATIONS COMMITTEE

Minutes of Meeting

September 10, 2004

Members Present

June Swallow, Chair
John Milano
Jon Schock
Robert Griffith

Members Absent

Staff Present:

Kathleen Crawley, Acting General Manager
Thomas R. walker, PE

Guests:

Leon Millis, Pres SCWA
Geoff Marchant
Russ Houde

1. CALL TO ORDER

With a quorum present, Chairman Swallow called the meeting to order at 9:35A.M.

2. APPROVAL OF MINUTES

On a motion by Mr. Milano and seconded by Mr. Griffith, the April 8, 2004 minutes were unanimously approved subject to notation that Mr. Schock was present.

3. ITEMS FOR ACTION

None.

4. ITEMS FOR DISCUSSION

Chair Swallow moving directly to Items for Discussion, the Adoption of resolution by Water Resources Board declaring that there is a need for a special water district to function for the Village of Shannock cited that the Agenda package contained items from the special meeting of August 30, 2004. The Chair noted the presence of Mr. Russell Houde from C&E Engineering partners and asked if he wished to make a presentation regarding the project. Mr. Houde stated that he could reiterate the previous Power Point presentation, enclosed in the package but noted that many here had been present for earlier presentations. Mr. Schock asked if he could instead give a cryptic overview instead. Mr. Houde began by referring all to the package and briefly commented on each slide. The presentation is a summary of the Environmental and Engineering Studies prepared for the Shannock Cooperative Water Association. On slide one; he highlighted the items thereon adding that the present system has Radon contamination of 15 to 17 thousand pic that is approximately 10 times the present recommended concentrations. The present water supply is at best marginal, has no redundant source and is located on private property. The location makes it difficult to maintain regulatory compliance or to make any physical improvements in the system. The system is 30 years old and is at the end of its useful life. Slide two shows the Radon Contamination level to be 10 times higher than any other area of the State, and while the limits are not regulatory, they are considerably higher than will be acceptable in a regulation that is coming soon. He discussed the ramifications of the restricted access to the sites of the well and the storage facility. On slide 3; he

cited further contamination from VOC's and MTBE. At slide 4; he added that new piping was installed in 1996 and relocated to highway right of way areas. The totally metered system is 4" PVC operating at a single pressure gradient of 40 to 60 psi. Pressure is maintained by pressurizing the storage tank. Treatment is limited to PH adjustment. He discussed the contamination in Columbia Heights and the studies concluded that service in that area is a viable project in conjunction with the Shannock system. A discussion ensued regarding service to Columbia Heights, provisions for fire protection, and possibility of increasing the capacities of the Shannock system for future expansion. This discussion though beneficial to understanding the supply area and its prospects for future growth, is beyond the scope required by the resolution. Those items will be addressed later in the permitting process when the system actual service area is delineated and supply source identified. The purpose of this resolution is to allow the legislatively created (S3203) water district to begin to conduct its business. Ms. Swallow stated that the Health Department is in favor of the formation of a water district for Shannock. Ms Swallow then introduced the Draft resolution provided by Ms. Crawley for discussion. The discussion centered on the legalities of the district limits as set forth in S3203 and it will warrant some legal opinion as the process of formation progresses. This is the purview of the Town Council however. The members agreed that there is a need for improving the system and there is a need for a water district to be formed. The Draft resolution was expanded to include a "Whereas" stating the Department of Health being in favor of the resolution and another stating that the Water Resources Board favors the inclusion of Columbia Heights in the systems.

On a motion by Mr. Schock and Seconded by Mr. Milano, the motion was approved as amended.

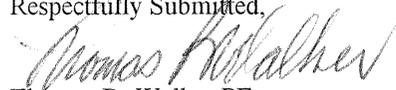
5. OTHER BUSINESS

- a. Construction Operations and Engineering Committee – Staff Activities elicited no comment.
- b. Ms. Swallow requested a status report on the Bristol County Water Authority Project.

6. ADJOURNMENT

On a motion by Mr. Schock and seconded by Mr. Milano, the Committee adjourned at 10:46 AM.

Respectfully Submitted,



Thomas R. Walker PE

NOTE

These are DRAFT minutes and are subject to changes at time of approval at next CEO Meeting