

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
D E P A R T M E N T O F H E A L T H



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Safe and Healthy Lives in Safe and Healthy Communities

February 10, 2005

Carol Ventura
Rhode Island Housing and Mortgage Finance Corporation
44 Washington Street
Providence, RI 02903

Re: Proposed Victory Woods Public Water System
Based upon Modifications and Upgrades to existing Blueberry Heights Water System
PWS # 2814410

HEALTH has reviewed the submittals for Modifications and Upgrades to Public Water System 2814410 provided by Pare Engineering Corporation on September 27, 2004 and October 13, 2004. The Proposed Victory Woods public water system would operate off two source wells, BH-2 and BH-3, which have received prior approval from HEALTH. Well BH-3 is currently serving the Blueberry Heights water system. The plans also include entirely new pumping storage, treatment and piping components for the Victory Woods system. Victory Woods would continue to supply the Blueberry Heights water system through their existing infrastructure.

HEALTH does not find exception to the preliminary technical design as submitted. However, the following documents must be submitted to complete the application and/or receive final Public Water System Approval and license to operate:

1. A Community Capacity Assurance Plan or Water System Management Plan, describing the technical, managerial, and financial capacity of the system to comply with statutory and regulatory requirements must be submitted with the Application for Approval.
2. Final licensure is contingent upon submission and approval of the following:
 - a. Identification of the certified operator and his/her level of state certification
 - b. A Sampling Plan
 - c. An Emergency Response Plan
 - d. An Operation and Maintenance Manual of water system infrastructure complete with a logbook for tracking monitoring, maintenance and repair.

HEALTH also offers the following comments on the plans submitted to date:

3. The overall technical design of the improvements to the water system presented, including replacement/installation of pumps in existing wells, water storage facility, and water system piping layout appears to be appropriate for the project as currently proposed.



4. The proposed water demand estimate is based on maximum daily demand values accepted by both HEALTH and DEM, and appears to be reasonable.
5. The source capacity, as evaluated by the applicant's engineer, and supported by data in the Geological Investigation Report, appears to be sufficient to meet the demand.
6. HEALTH notes that the applicant has agreed to perform an additional pump test with a higher capacity pump prior to final approval to confirm the safe yield of the well. The procedure for the pump test shall be determined by the applicant's engineer and submitted to RIDOH for review. Should the safe yield of the well prove to be less than that anticipated by the original pump tests, then additional sources must be located and approved or the proposed development must be respectively reduced in size before Final Approval will be issued.
7. HEALTH recommends that the applicant continue to evaluate additional water sources for the purpose of redundancy.

If you have any questions about the comments or additional requirements, please contact me at doris.Aschman@health.ri.gov or 222-7786.

Sincerely,



Doris P. Aschman, P.E.
Supervising Sanitary Engineer
Office of Drinking Water Quality

cc: June Swallow, DWQ
Ronald J. Caniglia, Stand Corp
Armando Ricci, Pare Engineering Corp.