

MEETING MINUTES

Date: June 22, 2022, at 5:30 P.M.

Location: East Hampton Town Hall
One Community Drive
East Hampton, CT

Meeting Title: Water System Preliminary Design Project
Water Sub-Committee Meeting

Prepared By: Hanna Schenkel, Environmental Partners

Attendants: David Cox, Town Manager, Town of East Hampton
Tim Feegel, Town Council Member, Town of East Hampton
Pete Brown, Town Council Member, Town of East Hampton
Brandon Goff, Town Council Member, Town of East Hampton
Scott Clayton, Public Utilities Administrator, Town of East Hampton
Chuck Adelsberger, Environmental Partners
Hanna Schenkel, Environmental Partners

The Town of East Hampton's (Town) Water Sub-Committee and Environmental Partners (EP) met at the above date and location to discuss the Town's Water Supply Evaluation project and EP's findings to date. EP provided a progress update for the Preliminary Engineering Report (PER) and discussed next steps in the preliminary design phase.

Chuck Adelsberger provided a progress report and discussed the tasks completed thus far. Collectively, we discussed EP's findings, questions, and next steps. Afterwards, the attendees from the Town provided feedback on the PER.

EP has presented below our understanding of the topics and responses as discussed during the meeting and action items to complete this phase of the project.

Topics of Discussion

- a. Project Update
 - EP has completed a draft of the Preliminary Engineering Report (PER)
 - The PER follows an outline and guidelines set in an Interagency Memorandum dated January 16, 2013. EP used the guidelines and outline to inform the content of the PER.

- Existing Water System Description
 - EP conducted an existing facility site visit in March 2022 with Scott Clayton and obtained existing facility information
- Need for the Project
 - Public Health
 - Residential and Commercial Growth
 - Fire Protection Deficiencies
 - i. The WPCA's existing water system cannot provide any fire protection. WPCA hydrants cannot sustain flow due to the small volume of water storage available in the system.
- Alternatives Considered
 - Alternative NA – No Action (Do Nothing)
 - Alternative 1 – Optimize and Connecting Existing Available Town and Private Sources
 - Alternative 2 – Connecting Oakum Dock Wells to Existing System
 - Alternative 3 – Develop Pine Brook Wellfield (Site 2) for Future Water Supply Needs
 - i. The Pine Brook Wellfield is located close to the Oakum Dock Wells, only necessitating one water treatment facility
 - Alternative 4 – Evaluate Water Supply Interconnections with Adjacent Water Suppliers
 - i. The Town could consider the Connecticut Water Company as a viable interconnection.
 - ii. Alternative 4 is not ideal, as the Town cannot control the availability of a consistent supply source from other water suppliers.
 - Alternative 5 – Develop Potential Marlborough Groundwater Supply (late addition to our supply assessment)
 - i. The owner of the Marlborough site (Dick Farley) approached David Cox with an offer to sell the 350-acre site to the Town for the purpose of water supply development by East Hampton.
 - ii. EP only referenced this alternative as a potential future water supply in Section 6 of the PER because EP completed the assessment of alternatives before the Town learned about the parcel being available.
- Selected Water Supply Development Approach
 - Combination of Selected Alternatives
 - i. The final recommended solution was a combination of Alternatives 1, 2, and 3
 - ii. EP developed the recommended solution to meet the water supply needs for the 2010 WSP's population predictions for the 60-year planning horizon
 - Determined after Pine Brook Groundwater Exploration Program
 - i. EP recommends pursuing Alternatives 4 and 5, if initial pump tests at the Pine Brook site do not yield favorable results.
- Conclusions and Recommendations
 - b. Connecticut Department of Public Health (CTDPH)

- Funding Schedule for Drinking Water State Revolving Fund (DWSRF) Program
- Recommend Completing all Recommended by March 2023
 - i. Chuck Adelsberger discussed the potential recommended approach with Sara Ramsbottom of CTDPH.
 - ii. Moving forward with the recommended next steps may help the Town avoid delays due to supply chain issues
- c. EPA Health Advisory for PFAS and CTDPH New PFAS Minimum Contamination Level (MCLs)
 - EP does not recommend taking any action until the action levels are set by the State.

Action Items and Next Steps in Preliminary Design Phase

- a. Groundwater Exploration Program
 - Task 1: Conduct Desktop Evaluation for Marlborough, CT. Water Supply Site
 - Task 2: Pine Brook Site Exploration
 - Task 3: Prepare Groundwater Exploration Letter Report
 - Task 4: Perform Marlborough Site Exploration
 - i. Marlborough Site exploration may be necessary if the Pine Brook site does not provide adequate water supply flowrates.
- b. Water System Facility Siting and Hydraulic Evaluation Report
 - Task 1: Perform Field Program
 - i. The Town suggested that flow testing to determine field hydraulic conditions may be impossible due to small storage volumes in the existing system.
 - Task 2: Develop Hydraulic Model of Current and Potential Expanded Water System
 - Task 3: Recommend Capital Improvement Program (CIP)
 - Task 4: Prepare Water System Facility Siting and Hydraulic Evaluation Report

General Discussion/Questions

- a. Future Town Council Meetings
 - Town Council Meeting – Tuesday, June 28, 2022
 - i. The Committee plans to provide the Town Council with copies of the PER.
 - ii. The Committee will motion to secure ARPA funding for conducting the groundwater exploration field program
 - iii. If EP needs to explore the Marlborough Site due to unfavorable results at the Pine Brook site, the cost of drilling and performing a pump test at the site will exceed the Town's remaining DWSRF grant funding (\$200,000).
 - Town Council Meeting – July
 - i. EP will assist the Committee in presenting the findings of the PER.
- b. The Town and EP went through the PER and discussed proposed revisions.
 - EP revised the PER and provided the Town with a digital copy the following morning.
- c. EP and the Town will determine goals for water supply flowrates after conducting the field groundwater exploration program.
- d. EP will document critical milestones in a proposal letter to the Town.

- e. EP will coordinate with Cascade to determine the earliest possible mobilization date.