

MEETING MINUTES

Date: May 4, 2022

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

Meeting Title: East Hampton Water Sub-Committee Project Progress Meeting

Prepared By: Hanna Schenkel, Environmental Partners

Attendants: David Cox, Town of East Hampton
Pete Brown, Town of East Hampton
Tim Feegel, Town of East Hampton
Bill Murphy, Environmental Partners
Chuck Adelsberger, Environmental Partners
Hanna Schenkel, Environmental Partners

Environmental Partners (EP) and the Town of East Hampton Water Sub-Committee met at Town Hall to discuss the progress to date on the Preliminary Engineering Report for the evaluation of potential water supply and next steps in the project process.

I. PER Update

- EP has drafted the Preliminary Engineering Report (PER) and it is currently being reviewed under our Quality Management Review (QMR) process.
 - EP will share a draft final PER document with the Town in the next two weeks
- Project Overview (Description, History and Goals)
- Project Planning
 - Population projections
 - EP utilized population trends and land use limits from the 2010 WSP, which will be valid until 2025

- Population has decreased over the past decade
 - We discussed potential population growth and the population increases forecasted in the 2010 Water Supply Plan (WSP) (almost 4,000 over the next fifty years) may be conservative. EP indicated that the CTDPH will require using the WSP projections and the Town will benefit from overestimating rather than underestimating when choosing potential water sources. EP will updated water supply projections during the next phase of the project.
- Water demands are projected to reach an average day demand of 1.184 MGD in 2070
 - Since the Cobalt Landing Wellfield cannot meet these projected demands, EP will recommend development of another source of water to meet the demands projected in the fifty year planning horizon
- Existing Water System Description
 - Scott Clayton showed EP the existing WPCA facilities during a site visit.
 - EP will use photos from the site visits in the PER.
- Need for the Project
 - Public Health
 - Residential and Commercial Growth
 - The Town's growth will be driven by the availability of a municipal water over the next 50 years.
 - Fire Protection Deficiencies
 - The Town currently does not have adequate tank storage volumes for fire protection.
- Alternatives Considered
 - Alternative NA – Do Nothing
 - Alternative 1 – Optimize and Connect Existing Available Town and Private Sources
 - Alternative 2 – Connect Oakum Dock Well to Existing System
 - Implementation would require additional water quality testing due to concerns about immersing contaminants.
 - Alternative 3 – Develop Pine Brook Wellfield (Site 2) for Future Water Supply Needs
 - EP will determine viability of the Pine Brook site during the Groundwater Exploration Program.

- The Town investigated the Pine Brook site in the past, but the current site selection shows more favorable water source characteristics.
 - Alternative 4 – Evaluate Water Supply Interconnections with Adjacent Water Suppliers
- Selected Water Supply Development Approach
 - Combination of Alternative 1, 2, and 3
 - Viability of Alternative 3 is contingent on findings of Pine Brook Groundwater Exploration Program
- Proposed Projects and Next Phase
 - EP will define the next steps and provide project scopes and fees in the PER.
- Conclusions and Recommendations

II. Project Funding

- Connecticut Department of Public Health (CTDPH)
 - Will carry over eligibility application with DWSRF money
 - Infrastructure Funding will be available for use next spring (2023)
 - CTDPH has changed funding timeline so now Town will have a five year time line after expending any funding provided through the Infrastructure Bill.
- The Town has about \$200,000 remaining in awarded grant funding

III. Project Timeline

- EP will share a final draft of the PER with the Town in the next two weeks for review
- EP will discuss PER findings with CTDPH after receiving comments from the Town.
- The Town will hold a public forum to solicit public comments in mid-June.
 - The Town would like the residents of East Hampton to have a voice in the process from the beginning of the project to the end.
- EP will perform additional groundwater testing at the Pine Brook site and the Cobalt Landing Wellfield in summer 2022.

Task Description	Duration
Task 1: Locate Potential Future Wells on Proposal Pine Brook Wellfield Site	2 weeks
Task 2: Install Test Wells, Develop Wells and Perform 2-hour Pump Test	6 weeks
Task 3: Prepare Letter Report	4 weeks

Total Project Duration	12 weeks
Task 4 (Optional): Exploration at a Second Water Supply Test Site	1 week

- If initial tests at the Pine Brook Wellfield Site determine that the site is unviable, EP will change directions and study drilling a well for testing at another location explored in the Groundwater Desktop Evaluation
- EP will coordinate the sampling of water quality at the Cobalt Landing Wellfield during the Pine Brook Groundwater Exploration Program.