

To: Eric McPhee - Supervising Environmental Analyst
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Subject: Bunker Hill Water Main Extension

The Department of Energy & Environmental Protection (DEEP) has received the Notice of Scoping for the project proposed by Watertown to construct a water main extension project to serve residential homes. DEEP Municipal Facilities, Water Planning and Management Division is currently coordinating with the Department of Public Health and the Town of Watertown for a sewer extension project that is similar in nature and footprint to the water main expansion project. The following comments are submitted for your consideration.

Erosion and Sedimentation Controls

In order to protect wetlands and watercourses on and adjacent to the site, strict erosion and sediment controls should be employed during construction. The *Connecticut Guidelines for Soil Erosion and Sediment Control* prepared by the Connecticut Council on Soil and Water Conservation in cooperation with DEEP is a recommended source of technical assistance in the selection and design of appropriate control measures. The 2002-revised edition of the Guidelines is available online at [Erosion Control Guidelines](#).

404/ 401 Water Quality Certification

It is unknown whether the main will be installed under the roadway or shoulders, with no direct wetland impacts, or beyond previously filled areas. If there are any undeveloped areas within the area to be impacted, it is recommended that a certified soil scientist perform a reconnaissance of the site in order to determine whether there are any areas which would be regulated as wetlands or watercourses as defined by section 22a-38 (15) and (16) of the Connecticut General Statutes (CGS), respectively. If the reconnaissance identifies regulated areas, they should be clearly delineated. Any activity within federal regulated wetland areas or watercourses at the site may require a permit from the U.S. Army Corps of Engineers pursuant to section 404 of the Clean Water Act. Further information is available on-line at [Army Corps of Engineers, New England District](#) or by calling the Corps Regulatory Branch in Concord, Massachusetts at 978-318-8338. If a permit is required from the U.S. Army Corps of Engineers, a Water Quality Certificate will also be required from DEEP pursuant to section 401 of the Clean Water Act. For further information, contact the Land and Water Resources Division at 860-424-3019. A fact sheet regarding 401 Water Quality Certification is available on-line at [401 Certification](#).

RCRA Hazardous and Solid Waste

DEEP currently recommends the following procedure if contaminated soils are encountered during a utility construction project, and the property is not owned by the utility and the contamination

was not created by the utility. The utility may reuse the contaminated soil in the same excavation within the same area of concern without prior approval by DEEP provided: 1) Any condition that would be a significant environmental hazard as defined in CGS Section 22a-6(u) is reported by the utility and that the location is identified on a map submitted to the DEEP Remediation Division; 2) Any excess contaminated material is disposed of in accordance with the solid and hazardous waste regulation as appropriate; and 3) The upper 1 foot of the excavation is filled with the clean fill material or paved. Any sampling required to make a determination as to whether a significant environmental hazard exists or how excess spoils will be disposed of is the responsibility of the entity (public or private) performing the excavation. For further information, contact the Remediation Division at 860-424-3366. The Connecticut Remediation Standard Regulations are available on-line at [Guidance for Utility Company Excavation](#).

Water Permitting and Enforcement Division

If the water line is to be pressure tested and disinfected, the discharge would be covered by the *General Permit for the Discharge of Hydrostatic Pressure Testing Wastewater* (DEP-PERD-GP-011). This general permit applies to all discharges of waters used to test the structural integrity of new or used tanks and pipelines that hold or transfer drinking water, sewage, or natural gas. The general permit contains pH, chlorine, oil and grease, and suspended solids limits which will need to be complied with during the testing and verified through monitoring. Registration is required to be submitted to the Department in order for the discharges to be authorized by this general permit. A fact sheet, the general permit which includes the registration form, titled Notice of Coverage, and the Application Transmittal form may be downloaded at [Hydrostatic GP](#)

Natural Diversity Database- Wildlife Division

The Natural Diversity Database maintains a record of state or federal listed species that may be found in the project area. A cursory review shows that the location of this project falls within the boundaries of the Natural Diversity Database. Please be advised that should state or federal permits be required a formal application must be sent to the Wildlife Division prior to submitting permit applications for a detailed review of the species that may occur in this area. The applicant must submit a *Request for Natural Diversity Data Base (NDDB) State Listed Species Review Form* (DEEP-APP-007) and all required attachments, including maps, to the NDDB for further review. Additional information concerning NDDB reviews and the request form may be found on-line at [NDDB Requests](#).

Water Diversion Program

The proposed water main extension may not require a permit from the Water Planning and Management Division for the diversion of waters of the State pursuant to section 22a-368 of the CGS provided it meets the exemption criteria of section 22a-377(b)-1(a)(5) of the Regulations of Connecticut State Agencies. For more information contact 860-424-3704 or online at [Water Diversion Program](#).

Thank you for the opportunity to review this project. If there are any questions concerning these comments, please contact me.

cc: Robert Hannon, DEEP/ OPPD