

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

Manisha Juthani, MD
Commissioner



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Governor
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Lt. Governor

Drinking Water Section

Environmental Assessment Justification for Categorical Exclusion

A. Project Identification

PWS Name: Southington Water Department
Town: Southington
PWSID: CT1310011
DWS Project No.: 2022-0023
DWSRF No.: SFY 24-01
Project Name: DWSRF – Dunham Place Wellfield Well #10 Treatment Plant
Project Location: Southington

B. Summary of Environmental Review

February 4, 2025

The environmental aspects of this project have been reviewed in accordance with State and Federal regulations. The findings of the environmental review are summarized below.

1. **Project Description**

The work to be performed under this project includes the construction of a new treatment building for the recently drilled well #10 located at 177 Dunham Place (adjacent to well# 9 pump house). Chemical feed systems for well #10 will consist of sodium hypochlorite for disinfection, a blended orthophosphate for sequestering iron/manganese and corrosion control, and fluoride for dental protection. The project also includes installing bulk chemical day tanks, metering pumps, electrical supply, and control equipment; construction of new chemical delivery piping; and construction of new chemical containment walls and associated chemical resistant coatings. The proposed building consists of a one-story structure, approximately 700 square feet, with an attached loading dock. The building is planned to be constructed using a concrete slab-on-grade. The topography is such that the proposed treatment building will be at the approximate high point of the site.

This project will be funded through the Department of Public Health's (DPH) Drinking Water State Revolving Fund (DWSRF).

2. **Justification for Categorical Exclusion from Connecticut Environmental Policy Act Requirements**

The DPH has performed a review of the project under the Environmental Classification Document (ECD) for Connecticut state agencies and determined that this project is well defined and sufficiently limited in scope to qualify as a Category IV project consisting of minor renovations to existing facilities. Based on this determination a review pursuant to the Connecticut Environmental Policy Act (CEPA) is not warranted.



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The public water system will be required to obtain any necessary local permits, as applicable. Copies of all required permits must be submitted to the DPH prior to any DWSRF funds being dispersed.

The project area is not within an identified flood plain.

It is not reasonable to expect any adverse impact to the natural diversity of the surrounding area as the project areas are not within any current Natural Diversity Database Areas.

Although it is not expected that anything of archeological significance will be found, the DPH required the contract language to include procedures for notifying appropriate entities, should anything of significance be found during construction.

3. Justification for Categorical Exclusion from National Environmental Policy Act Requirements

Pursuant to 40 C.F.R. Part 6, Procedures for Implementing the Requirements of the National Environmental Policy Act (NEPA), the DPH has reviewed the proposed scope of work submitted by the Southington Water Department in its application for DWSRF assistance. The result of this review indicates that there are no environmental concerns with this project, as discussed below:

- a. With respect to the criteria set forth in 40 CFR Part 6, the proposed project involves actions that are consistent with the eligibility for granting a Categorical Exclusion pursuant to 40 CFR Part 6.204 (a)(ii). Specifically, the project actions are related to existing infrastructure systems that involve minor upgrading, and rehabilitation of the existing system and system components.
- b. With respect to the criteria set forth in 40 CFR Part 6.204 (b) for not granting a Categorical Exclusion:
 - i. The proposed action is not known or expected to have potentially significant impacts on the quality of the human environment either individually or cumulatively over time;
 - ii. The proposed action is not known or expected to have any adverse human health or environmental effects on any community;
 - iii. The proposed action is not known or expected to significantly affect federally listed threatened or endangered species or their critical habitat;
 - iv. The proposed action is not known or expected to significantly affect any national natural landmarks;
 - v. The proposed action is not known or expected to significantly affect any natural resource areas (e.g. flood plains, wetlands, farmlands, or aquifer recharge zones);
 - vi. The proposed action is not known or expected to cause significant adverse air quality effects;
 - vii. The proposed action is not known or expected to have any effects on land use or growth patterns; and
 - viii. The proposed action is not known or expected to cause significant public controversy.

C. Conclusion

Based on the DPH's review, none of the NEPA criteria which would result in the denial of a Categorical Exclusion are met. The proposed action is not known or expected to have any adverse impact on the quality of the human environment. The action will provide a direct public health benefit to residents served by the Southington Water Department's public water system through the improved function of the water main. Furthermore, the Department has reviewed the action against the ECD for Connecticut state agencies and determined it is a Category IV action for which a review under the

CEPA is not warranted. As a result, the proposed action has met the criteria to be categorically excluded from further NEPA or CEPA review.

Antoine Marseille,
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02/04/2025

Date