



75 State Street, Suite 701
Boston, Massachusetts 02109
tel: 617 452-6000

July 7, 2023

Lynnfield Zoning Board of Appeals
c/o Winnie Barrasso
55 Summer Street
Lynnfield, MA 01940

Subject: Lynnfield Center Water District
Glen Drive Water Treatment Plant
Zoning Board of Appeals Petition

Dear Ms. Barrasso:

On behalf of the Lynnfield Center Water District (LCWD), CDM Smith is submitting an application to the Town of Lynnfield Zoning Board of Appeals (ZBA) related to the construction of a water treatment plant (WTP) at LCWD's existing Glen Drive pumping station. The construction of a WTP at Glen Drive is a critical aspect of LCWD's capital program, and is designed to remove iron, manganese, and per- and polyfluoroalkyl substances (PFAS) from two of their drinking water sources.

LCWD and CDM Smith have been working closely with the Town of Lynnfield officials related to this project, including an introductory presentation on June 7, 2023. This submittal is a result of feedback from that meeting and subsequent coordination.

The proposed Glen Drive WTP is located on LCWD property (zoned Municipal) and the petition includes application for a Special Permit and site plan review. The development will consist of:

- A new building to house filter vessels, chemical feed facilities, control room, laboratory space, and electrical/mechanical rooms,
- Lagoons and infiltration basins to manage backwash waste from the filters,
- Emergency generator,
- Expanded pavement for vehicle parking and access (including emergency vehicles),
- Septic and tight tank for management of sanitary and process wastes,
- Enclosure with aeration system for radon mitigation to minimize collection on the filter media, and
- Replacement of the existing fence.





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As required, LCWD and CDM Smith have included/completed the following information:

1. Completed application is enclosed.
2. No filing fee is included, as LCWD is exempt.
3. The project is located on Map 12, Parcel ID 0012-0000-0197.
4. The Town of Lynnfield Assessors database indicates the record owner of Parcel ID 0012-0000-0197 as LCWD.
5. Certified site plan is enclosed. The location of the septic system is indicated, but design is ongoing. Design of the septic system has commenced by Hayes Engineering, and the draft plan will be complete prior to the August 1, 2023 ZBA meeting. The documents will be submitted as a supplement to this petition. Also included is the Stormwater Management Report for the proposed facility.
6. The materials contained herein delineate the changes to the property from existing to proposed.
7. Original electric copy is being provided July 7, 2023. 16 total hard copies of the materials will be delivered to Town Hall by 4:30pm on Monday, July 10, 2023.
8. Application is being submitted to the Building Inspector for initial review for completeness.

We look forward to the opportunity to review this project with the ZBA on August 1, 2023, but are available at your convenience to provide additional information or answer questions. I can be reached at (617) 452-6638 or malenfant@cdmsmith.com.

Sincerely,

A handwritten signature in blue ink that reads "Anne Malenfant".

Anne Malenfant, P.E., PMP
Project Manager
CDM Smith Inc.

Enclosures: Town of Lynnfield Zoning Board of Appeals Application
Certified Site Plan
Stormwater Management Report

cc: John Scenna, LCWD Superintendent
Al LeBlanc, Jihyon Im, Maddison Ledoux, Kim Drake, Dianne Velardocchia, CDM Smith

