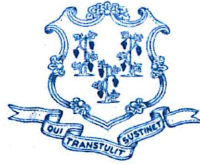


# STATE OF CONNECTICUT

## DEPARTMENT OF PUBLIC HEALTH

Renée D. Coleman-Mitchell, MPH  
Commissioner



Ned Lamont  
Governor  
Susan Bysiewicz  
Lt. Governor

### Drinking Water Section

June 7, 2019

Ms. Susan M. Labatique, P.E.  
Transportation Principal Engineer  
CT Department of Transportation  
PO Box 317546  
2800 Berlin Turnpike  
Newington, CT 06131-7546

Re: Notice of Scoping for I-95 Interchange 74 Improvements at Route 161 and Replacement of Bridge No. 00250

Dear Ms. Labatique:

The Drinking Water Section (DWS) of the Department of Public Health (DPH) has reviewed the above-mentioned project for potential impacts to any sources of public drinking water supply. The project is located within the Level A Aquifer Protection Area for Gorton's Pond Well Field, a ground water source of public drinking water for the customers of the East Lyme Water and Sewer Commission (PWSID# CT0450011). Please see the attached memorandum for the DWS review and recommendations.

Sincerely,

A handwritten signature in blue ink, appearing to read "Eric McPhee".

Eric McPhee  
Supervising Environmental Analyst  
Drinking Water Section

Cc: Mark Nickerson, First Selectman, East Lyme  
Bradford Kargl, Municipal Utility Engineer, East Lyme Water and Sewer Commission  
Stephen Mansfield, Director of Health, Ledge Light Health District



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UNITED STATES DEPARTMENT OF AGRICULTURE  
BUREAU OF PLANT INDUSTRY

WASHINGTON  
D. C.



OFFICE OF THE CHIEF OF BUREAU  
WASHINGTON, D. C.

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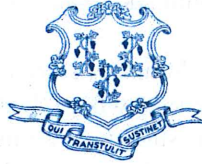
*[Handwritten signature]*  
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## DEPARTMENT OF PUBLIC HEALTH

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### MEMORANDUM

TO: Eric McPhee, Supervising Environmental Analyst, Drinking Water Section

FROM: Patricia Bisacky, Environmental Analyst 3, Drinking Water Section *PB*

DATE: June 7, 2019

SUBJECT: Notice of Scoping for I-95 Interchange 74 Improvements at Route 161 and Replacement of Bridge No. 00250

TOWN: East Lyme

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The purpose of the subject project is to address vehicular safety on I-95 at Interchange 74 and address traffic operational concerns between Interchanges 74 and 75 in East Lyme. In addition, this project will address traffic operational concerns and improve safety for all roadway users (motorists, pedestrians, and bicyclists) on Route 161 in the vicinity of the exit 74 interchange ramps. It is also proposed to replace the I-95 bridge (No. 00250) over Route 161 due to its poor condition and to accommodate the widening on Route 161. The proposed improvements on I-95 include full reconstruction and widening to accommodate revised ramp configurations, auxiliary lanes between exits 74 & 75 in each direction and the full replacement of the bridge over Route 161. As a result of the I-95 widening, the bridge over Pattagansett River will be extended and retaining walls will be constructed. At various locations within the project limits, the proposed improvements on I-95 will accommodate a future project to add a third lane.

The Concept Design Report for this project was reviewed by the Department of Public Health (DPH) Drinking Water Section (DWS) Source Assessment and Protection Unit (SA&P). The project is located entirely within the Level A Aquifer Protection Area of Gorton's Pond (Well 1A), a ground water source of public drinking water supply for the customers of the East Lyme Water and Sewer Commission. The following recommendations are offered to protect the source of public drinking water supply:

- Storm water systems should be designed to be protective of the public drinking water supply and compliant with the Regulations of Connecticut State Agencies section 19-13-B32.
- Erosion and sedimentation controls should be in place and properly maintained as necessary.
- A series of downstream suspended debris booms in conjunction with oil and chemical absorbent booms should be installed on the Pattagansett River to catch floating contaminants.
- A responsible party should be identified for maintenance, inspection, repair, and replacement and incorporation of new controls as may become necessary. At a minimum, daily inspections of booms and erosion/sedimentation controls should take place.



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Memorandum: Notice of Scoping for I-95 Interchange 74 Improvements

June 7, 2019

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- Servicing of machinery should be completed outside of the Gorton's Pond Level A APA.
- Refueling of vehicles or machinery should take place on an impervious pad with secondary containment designed to contain fuels.
- Fuel and other hazardous materials should not be stored within the Gorton's Pond Level A APA. Any fuel or hazardous materials that must be kept within the Gorton's Pond Level A APA during working hours should be stored on an impervious surface utilizing secondary containment.
- A fuel spill remediation kit should be stored on-site so that any spills may be contained and cleaned quickly.
- Where dust control is required, plain water should be utilized.
- Clean fill should be utilized during all phases of construction.
- The East Lyme Water and Sewer Commission should be contacted prior to starting this project to review the scope of this project.
- The East Lyme Water and Sewer Commission personnel should be allowed to periodically inspect this project to ensure that drinking water quality is not being adversely impacted.