

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

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Drinking Water Section

To: Eric McPhee, Supervising Environmental Analyst
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From: Patricia Bisacky, Environmental Analyst 2
Source Water Protection Unit
Drinking Water Section

Subject: Notice of Scoping for the New London Interconnection

Date: May 20, 2011, Revised July 24, 2012

The Department of Public Health, Drinking Water Section, Source Water Protection Unit (SWP) has reviewed Notice of Scoping for the New London Interconnection. The project will implement plans and schedules to improve water supply capacity, meet peak summertime demands and improve the existing margin of safety. The regional interconnection will also support the prudent use and management of water resources on a regional level and will help to meet the water supply needs of Waterford and the City of New London.

Portions of this project located on Route 85 will be located in the public water supply watershed of the Lake Konomoc System, a source of public drinking water for the customers of the New London Water Department in New London and Waterford. This area is also designated a conservation area on the Locational Guide Map of the *Conservation and Development Policies Plan for Connecticut 2005-2010* (The Plan) because it is a public water supply watershed.

One of the policies in place to protect public water supply watersheds is:

Manage 1) aquifer protection areas within Existing Preserved Open Space, Preservation Areas, Conservation Areas and Rural Lands; and 2) all water supply watersheds by not:

Introducing water supply mains, sewer collector systems or advanced design wastewater treatment systems only after a thorough evaluation of all private and public alternatives determines these systems are the only feasible solution to an existing pollution problem, and the facility design and capacity will not induce further intensive structural development with attendant surface runoff threats to water supply quality.



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The documentation supporting this project should include a narrative which describes how this project is consistent with this policy of The Plan.

The following best management practices are recommended to protect the public drinking water supply sources:

- **Construction Maintenance:** No construction should take place before erosion and sedimentation controls are installed. These controls should be installed, properly functioning, inspected regularly and remain in place throughout the project. All activities should be conducted during dry weather conditions. During construction and until a vegetative cover is reestablished, the project area should be inspected daily and after rainfall to verify erosion control measures are properly maintained. No herbicides or pesticides should be in any seed mix.
- **Emergency Response Plan:** Develop an Emergency Spill Response Plan before construction begins. Spill response equipment should be available on-site at all times along with personnel trained in the proper use of such equipment.
- **Hazardous Materials Storage:** Hazardous materials should be removed from the site during non-work hours or otherwise stored in a secure area to prevent vandalism. Place covered trashcans and recycling receptacles around the site. Cover and maintain dumpsters. Check frequently for leaks. Place dumpsters under a roof or cover with tarps or plastic sheeting. Never clean a dumpster by hosing it down on site.
- **Vehicles and Machinery:** A specific area of the project site outside of the public water supply source water areas should be designated for auto parking, vehicle refueling and routine equipment maintenance. Methods and locations of refueling, servicing, and storage of vehicles and machinery should be addressed and included as notes on the final site plans. All equipment fueling or minor repairs should occur on a fueling pad. Onsite fuel storage for heavy equipment should have containment and be located in a secure area where it will not be vandalized or struck by equipment or vehicles on the job site.
- **Sanitation:** Make sure portable toilets are in good working order. Check frequently for leaks.
- **Notification:** Notification of the project start date should be sent to all affected public water systems as soon as it has been determined. A representative of the New London Water Department should be granted site access to review compliance with construction site best management practices. The New London Water Department and Drinking Water Section must be notified immediately of any chemical/fuel spill at the construction site, along with the Department of Environmental Protection's Oil and Chemical Spill Response Unit. Emergency telephone numbers and a statement identifying the construction site as a sensitive public water supply area should be posted where they are readily visible to contractors and other on-site personnel. A note should be added to the site plans stating the sensitivity of the area.

A portion of the pipeline route may cross New London's Class I and/or II water company land. East Lyme Water and Sewer and the New London Water Department should consult with the Source Water Protection Unit concerning potential water company land permitting requirements pursuant to Connecticut General Statutes Section 25-32 should any work be proposed within Class I or II water company land.