

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

December 23, 2011

Mark Alexander
State of Connecticut
Department of Transportation
2800 Berlin Turnpike
Newington, CT 06131

RE: Notice of Scoping for the Reconstruction of Old Farms Road

Dear Mr. Alexander:

The Department of Public Health Drinking Water Section's Source Water Protection Unit has reviewed the above scoping notice. Please refer to the attached report for our comments.

If you have any questions regarding these comments, please call Pat Bisacky of this office at (860) 509-7333.

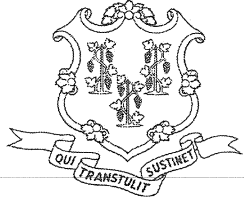
Sincerely,

Eric McPhee
Supervising Environmental Analyst
Drinking Water Section

Cc: Robert Wesneski, Avon Water Company
Tom Chyra, Compliance Region 2 Supervisor, DWS



Phone: (860) 509-7333
Telephone Device for the Deaf (860) 509-7191
410 Capitol Avenue - MS # 51WAT
P.O. Box 340308 Hartford, CT 06134
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DEPARTMENT OF PUBLIC HEALTH

MEMORANDUM

From: Patricia Bisacky, Environmental Analyst 2
Source Water Protection Unit
Drinking Water Section

Subject: Notice of Scoping for the Reconstruction of Old Farms Road

Date: December 23, 2011

The Department of Public Health, Drinking Water Section (DWS) has reviewed the notice of Scoping for the Reconstruction of Old Farms Road in Avon. This project will reconstruct, realign or relocate Old Farms Road, Thompson Road and Scoville Road in the Town of Avon, Connecticut to provide transportation improvements to address operational and safety needs, as well as support land use objectives established in the Town of Avon's current approved Plan of Conservation and Development adopted on May 2, 2006. The entire proposed project is within the Level A Aquifer Protection Area of the Fisher Meadow Well (aka Well 9), a major source of public drinking water for the Avon Water Company (PWSID# CT0040011) and its customers in the Town of Avon.

Any construction proposed in this area must adhere to best management practices for construction in a public drinking water Aquifer Protection. These practices include but are not limited to:

- **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.

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- **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 Avon Water Company should be granted site access to review compliance with construction site best management practices. The Avon Water Company 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.