

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

Jewel Mullen, M.D., M.P.H., M.P.A.
Commissioner



Dannel P. Malloy
Governor
Nancy Wyman
Lt. Governor

April 28, 2014

Mark W. Alexander, Transportation Assistant Planning Director
Connecticut Department of Transportation
2800 Berlin Turnpike
Newington, CT 06131

RE: Notice of Scoping for the Greater Waterbury Bus Storage and Maintenance Facility Project

Dear Mr. Alexander:

A review of the scoping notice reveals limited information at this stage of the proposed development. However, the project description does mention construction of an administrative office area. If a building is to be constructed, it should be built using radon resistant features for occupied spaces.

The following summarizes the Department's position with regard to radon:

A. Radon

The Connecticut Department of Public Health Radon Program recommends that during the construction of the building, radon resistant features should be built into the infrastructure of the building.

The list below describes the basic components of radon resistant new construction:

- A gas permeable layer, such as 4-inch gravel, placed beneath the slab to allow soil gases to move freely underneath the building
- Plastic sheeting over the gas permeable layer and under the slab to help prevent soil gases from entering the home
- Sealing and caulking all openings in the foundation floor to reduce soil gas entry
- A vent pipe, such as 6 inch PVC pipe, to run from the gas permeable layer through the building to the roof to safely vent soil gases above the building
- An electrical junction box installed in case an electric venting fan is needed later



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The facility should be tested for radon after construction is completed. If radon results are at or above 4.0 picocuries per liter (pCi/L), the existing system should be activated by installing an in-line fan.

Additional inquiries on the subject of radon resistant new construction can be directed to Francesca Provenzano, Health Program Supervisor of the Radon Program, at 860-509-7367.

Sincerely,



MS, MPH

Suzanne Blancaflor, M.S., M.P.H., Chief
Environmental Health Section

cc: Mr. John D. Hanifin, DOT, Project Manager

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April 22, 2014

Mr. Mark Alexander
Transportation Assistant Planning Director
Department of Transportation
2800 Berlin Turnpike
Newington, CT 06131

Re: Notice of Scoping for the Greater Waterbury Bus Storage and Maintenance Facility Project

Dear Mr. Alexander:

The Drinking Water Section of the Department of Public Health has reviewed the above-mentioned project for potential impacts to any sources of public drinking water supply. This project does not appear to be in a public water supply source water area; therefore, the Drinking Water Section has no comments at this time.

Sincerely,

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

Eric McPhee
Supervising Environmental Analyst
Drinking Water Section