

State of Vermont
Agency of Natural Resources
Department of Environmental Conservation
Notice of Determination of Eligibility for Categorical Exclusion

Champlain Water District, WSID #5092
Colchester, VT
Water System Improvements
DWSRF Loan WPL-269

In accordance with Section VII of the Department's Environmental Review Procedures for projects funded through the Drinking Water State Revolving Fund (DWSRF) Program, the Champlain Water District/Colchester Town, located in Colchester, VT has requested its proposed water improvement project be evaluated for eligibility for a categorical exclusion exempting the project from detailed environmental procedures required for projects having a significant environmental impact.

CWD detected Perchloroethylene (PCE) in water samples taken from businesses served by the waterline on Hercules Drive in the fall of 2016. The objective is to reduce PCE levels in the drinking water along Hercules Drive and Orion Drive.

The recommendation is to construct a loop with one of the dead-end mains on either Hercules Drive or Orion Drive with a 12" transmission main. This connection will form a hydraulic loop and create an alternate path for water to travel to and from the Colchester South Tanks. This will decrease the time water is spent stagnant in the water main and decrease the contact time that PCE can leach into the water. A new 2" CTS service will be installed for users on the remaining dead-end segment. The existing dead-end waterline will remain in service for fire protection.

Our consideration of Champlain Water District's request included reviewing environmental information and documentation completed and submitted by their engineering consultant, Aldrich + Elliott, PC. At the completion of this independent evaluation, the Department has determined the project meets the criteria for receiving a Categorical Exclusion. The project will correct water system deficiencies and does not meet any of the criteria resulting in denial of an Exclusion.

Further information on the project and this determination are available for inspection by contacting the DWSRF Program at (802) 585-4904. In addition to the applicant, a copy of this determination will be sent to a list of stakeholders and posted on the Water Infrastructure Financing Program's [Environmental Review Determination Notice](#) page.

Agency of Natural Resources
Department of Environmental Conservation
Emily Boedecker, Commissioner

By 

Eric Blatt, P.E., Director
Facilities Engineering Division

Dated in Montpelier, Vermont, Thursday, August 1, 2019