



NOV 19 2014

**Vermont Department of Environmental Conservation
Drinking Water and Groundwater Protection Division**

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Agency of Natural Resources

PUBLIC WATER SYSTEM CONSTRUCTION PERMIT

(This Permit supersedes Permit C-2692-11.0 issued on October 20, 2011 and Permit C-2692-11.1 issued on December 10, 2013.)

PROJECT #C-2692-11.2

WSID #VT0005132

PIN # EJ11-0112

PERMITTEE: Town of Swanton
ADDRESS: P.O. Box 711
Swanton, VT 05488

PROJECT NAME: Natural Gas Filling Station
TOWN LOCATION: Swanton, VT

A. General

This permit is issued under the authority 10 V.S.A., Chapter 56.

This permit is based on a review that determined that the proposed project, if built in accordance with the approved plans and specifications, will conform to design standards contained in the Vermont Water Supply Rules (Rules), and will therefore not constitute a public health hazard or a public health risk. The review did not, however, include the structural engineering aspects of this project.

B. Project Description

This project involves an extension of Swanton Village Water's existing water main located off of Lafar Street. The extension includes the construction of approximately 1,015 linear feet (lf) of 8-inch ductile iron pipe, 2 fire hydrants, water service lines, and appurtenances to serve an office with a design demand of 203 gallons per day (GPD). The design demand is based on 15 employees with 15 GPD, which includes a ten percent reduction in design demand due to the installation of low flow plumbing fixtures.

This permit is a replacement for Permit C-2692-11.0 issued on October 20, 2011 and an amendment for Permit C-2692-11.1 issued on December 10, 2013.

C. Conditions

1. The project shall be constructed, tested, and inspected in accordance with this permit and the following approved plans and specifications prepared by Cross Consulting Engineers, P.C. listed below:

Sheet No.	Drawing Date	Last Revision Date
C-1.0, C-1.1, C-2.0	4/29/2014	10/28/2014
C-4.0	4/29/2014	9/23/2014
C-5.0, C-5.1	4/29/2014	11/04/2014

The total number of sheets reviewed by the Vermont Department of Environmental Conservation (Department) for this project is six (6).

2. All Construction on this project must be completed by December 31, 2015. If construction has not been completed by that date, this permit shall expire and a new permit must be obtained before construction can continue. This construction completion date may be extended for good cause if a written request for an extension is received by the Department by December 1, 2015.
3. An inspection of the completed project shall be performed by a competent inspector under the general supervision of a registered professional engineer.
4. The Permittee shall perform flow-testing of the new hydrants within thirty (30) days of installation and submit both flow and hydrostatic pressure data to the Department for review. If any or all of the hydrant(s) are unable to meet minimum flow conditions while maintaining adequate pressure at all points in the distribution per the Rules, the deficient hydrant(s) must be removed within ten (10) days.
5. Record drawings shall be prepared by the professional engineering firm responsible for observation of construction. The record drawings shall depict the system as it was constructed, including any field modifications.
6. Record drawings shall be submitted to the Department and Swanton Village Water, WSID # VT0005132 within 60 days of final project field inspection and approval by the responsible professional engineer.
7. Prior to being placed in operation, all new portions of the Water System shall be flushed, pressure tested, disinfected and flushed again. After this procedure, at least two samples must be collected from representative sample points and sent to the Vermont Department of Health Laboratory at 195 Colchester Avenue, Burlington, VT 05401 (or any other Vermont Department of Health certified laboratory) for Bacteriological Examination of Public Water Supply. The Permittee shall indicate on the laboratory form that it is for construction permit compliance. Coliform Absent sample results are required before the system may be placed "on line" for potable water use. The pressure/leakage and bacteriological test results shall be submitted to the Department of Environmental Conservation along with the Record Drawings.
8. No changes shall be made to the permitted project without the written approval of the Department. Approvals of major modifications will require a permit amendment.

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9. Until the construction authorized by this permit has been completed and the record drawings have been submitted, this permit is not transferable or assignable and it shall automatically become invalid upon a change of ownership or upon suspension or revocation.
10. The permittee shall not initiate construction of any part of the water system authorized by this permit unless and until the permittee has obtained permanent legal access to all parts of the system authorized by this permit. For the purposes of this requirement, permanent legal access consists of an easement, right of way, deed or other legal document that creates an enforceable permanent property interest that provides access to the parts of the water system authorized by this permit for the purposes of construction, operation and maintenance of the system. A copy of the legal documents shall be submitted to the Division prior to the initiation of construction.
11. By acceptance of this permit, the Permittee agrees to allow representatives of the State of Vermont access to the project, at reasonable times, for the purpose of ascertaining compliance with Vermont environmental laws and this permit.
12. Enforcement. Pursuant to 10 V.S.A. Chapters 56, 201 and 211, any violation of the terms and conditions of this permit, including any compliance schedule, is grounds for the initiation of an enforcement action by the State against the Permittee.
13. This permit may be appealed to the Environmental Division of the Superior Court within 30 days of the date of the decision in accordance with 10 V.S.A. Chapter 220.

Signed at Montpelier, VT this 14th day of November, 2014

David K. Mears, Commissioner
Department of Environmental Conservation

By



Christine Thompson, Director
Drinking Water and Groundwater Protection Division

c: Swanton Village Water
Cross Consulting Engineers, P.C.
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