

Richmond Source Protection Plan Emergency Contingency Plan

Overview:

The water supply to customers on the Richmond Water System may have to be shut down from time to time due to system repairs or contamination problems. The short-term and the long-term emergency contingency plans have been developed to address shut down and start up procedures as well as replacing water service.

Current Contingency Options:

The Town does not currently have a secondary water source available should the primary source be interrupted or contaminated. This leaves three options for insuring a water supply for residents:

One - Water pumped from Winooski River into system. A "Do Not Drink" notice (boiling to disinfect not allowed under this type of notice) would be issued immediately for the duration of the emergency period. This would require disinfection procedures per the State of Vermont after our primary supply is re-established. The use of the river water and disinfection of the system would prevent consumption and use in food processing for a minimum of seven days.

Two - Water brought into storage tank from outside source. This also requires the same procedure for disinfection as in Option One.

Three - Provide temporary water storage supply and require individuals to collect daily water supply necessary for duration of emergency period. Does not require disinfection unless contaminated and disinfection required per State of Vermont.

Future Contingency Options:

The Town should begin to plan for a secondary water supply source. The Champlain Water District currently provides service to Williston (approximately three miles away) and they have capacity to serve Richmond. A secondary well in Richmond is also an option.

Short-term Contingency Plan:

If the duration of the emergency is expected to last 7 days or less, the Town will implement this short-term contingency plan. Notification of affected customers of the potential for a shut down or the issuance of a notice for contamination, will take place as soon as possible once authorized by the Town Manager's Office. The Superintendent of Water must work with the Town Manager to determine the appropriate means and timeliness of the notice. The Town, through the Town Manager's Office, will contact the State of Vermont, ANR, and Water Supply Division at 802-828-1535, the Fire Department at 802-434-2002 and the Chair of the Richmond Selectboard.

If the notice is for contamination of the water, the requirements of the State of Vermont to determine if a "Boil Water" or a "Do Not Drink" notice will be followed by the Town. Once the notice is given, only the State of Vermont may lift the notice. This will include hand delivered notices to all customers by Water Department employees and town officials. Potable drinking water will be provided during the duration of the emergency at no cost to residents at the Richmond Town Center Building Parking Lot on Bridge Street.

If the notice is for total shut down, the affected customers will be notified by hand delivered written notices of the approximate duration of the shut down and how they can obtain supplemental water. The Town will provide a potable drinking water during the duration of the emergency at no cost to residents at the Richmond Town Center Building Parking Lot on Bridge Street. The Town will follow the "Shut-down and Start-up Procedure" policy as adopted by the Superintendent of the Water Department, attached.

Long-term Contingency Plan:

If the duration of the emergency is expected to last more than 7 days, the Town will implement the following procedures on the 8th day from the beginning of the emergency.

- A. The Town will seek the assistance of the State of Vermont Emergency Management Division to establish a temporary public drinking water supply, such as water buffaloes or small storage tanks.
- B. Water from the Winooski River will be fed into the system. The required "Do Not Drink" notice and the location of a long-term water supply source will be distributed, door-to-door, to each customer.
- C. Disinfection procedures will be begun immediately after the primary source is available for service distribution. If the primary source is determined to be unsuitable to continue in service, the Town will begin preparation for a new primary source. The new primary source would be installation of a new municipal well or connection to the Champlain Water District depending on the resources of the Town at the time of the emergency.