

# THE VILLAGE OF WARFIELD

**Policy Title:** Water Quality Notification Policy

Policy # 5600

**Policy Statement:**

It is the policy of Council to notify users served by the Warfield domestic water system of any water quality problems as soon as the Village becomes aware of a problem or potential problem.

**Policy Background:**

The Village of Warfield's potable water is supplied by Teck Cominco. From the Stoney Creek Pumphouse, water from the Columbia River is pumped to the flumehouse reservoirs where it is chlorinated and pumped to the Warfield Water Treatment Facility. The Warfield Water Treatment Plant treats water with rapid sand bed filtration, and chlorination before water is supplied to the Village of Warfield.

Teck Cominco has in place procedures to deal with potential emergency situations such as: microbiological or chemical contamination, Columbia River contamination, loss of pumping facilities, loss of chlorination, loss of treatment facilities, cross connection contamination, broken water mains, power failure, terrorism/vandalism, railway accident (adjacent to pump house). Locations for such potential situations include the Stoney Creek Pumphouse, Flumehouse, Chlorine Facility, Warfield Water Treatment Plant, and related Piping. These emergency procedures include the notification of the Village of Warfield.

The Village of Warfield has traditionally relied on the provincial Public Health Officer to notify water users of any health problems related to the Warfield water system. With the adoption of the *Drinking Water Protection Act* the Village of Warfield has been assigned the responsibility to test the water and to notify water users of any water related health risks.

**Policy Goal:**

It is the goal of this policy to maintain a procedure of efficient and effective notification of users of the Warfield water system in the event of a proven or suspected public health risk associated with the Warfield water supply and distribution system.

**Policy Objectives:**

1. For the purpose of maintaining public awareness of the water safety notification protocol, to distribute a copy of this policy, including schedules, annually to each household and business served by the Warfield water system.
2. To issue a "Water Quality Advisory" (schedule 'A') when any one of the following conditions apply:
  - a) A leak in a municipal water main line is suspected, but not yet located.  
Protocol: posting the notice on Village bulletin boards, publishing a copy of the notice in the Trail Daily Times newspaper and public service announcements on KBS Radio.

- b) A leak in a municipal water main line is located.  
Protocol: posting the notice on Village bulletin boards, and distributing a copy of the notice to residences and businesses served by that water main line.
3. To issue a “Boil Water Notice” (schedule ‘B’) when any one of the following conditions apply:
  - a) A ‘Water Emergency Stage 1, 2 or 3’ issued by Teck Cominco  
Protocol: posting the notice on the Village bulletin board.
  - b) One water sample is received indicating presence of E.Coli.  
Protocol: a positive E.Coli should be reviewed by the District Water Officer (DWO) and a decision to be made whether a boil water notice needs to be issued. Posting the notice on the Village bulletin boards, publishing a copy of the notice in the Trail Daily Times newspaper, and announcing the notice on a weekly basis on KBS Radio while the condition prevails.
4. To issue a “Do Not Use Water Notice” (schedule ‘C’) when any one of the following conditions apply:
  - a) A ‘Water Emergency Stage 1, 2 or 3’ issued by Teck Cominco.  
Protocol: notification of Regional Emergency Coordinator, posting the notice on the Village bulletin boards, publishing a copy of the notice in the Trail Daily Times newspaper, and announcing the notice on a daily basis on KBS Radio while the condition prevails.
  - b) Evidence of both unauthorized entry and suspected interference with a critical component of the water system infrastructure, e.g., water storage tank.  
Protocol: notification of the RCMP and the Regional Emergency Coordinator, posting the notice on the Village bulletin boards, publishing a copy of the notice in the Trail Daily Times newspaper, and announcing the notice on a daily basis on KBS Radio while the condition prevails.
5. Notwithstanding the notification protocols for Water Quality, Boil Water, and Do Not Use Water Notices, copies of all notices issued pursuant to this policy shall be forwarded to the Public Health Officer, the Medical Health Officer, and the Mayor and all Councillors. Any public notifications shall be reviewed by the DWO prior to release by the Village.
6. At any time, and under any condition, if a notice or a notification protocol other than the one prescribed in this policy is recommended or directed by the Public Health Officer or the Medical Health Officer, such recommendation or direction shall take precedence over this policy.
7. When a condition requiring a Notice pursuant to this policy no longer applies, a request to publish a “Water Condition Normal Notice” (schedule ‘D’) shall be submitted to the Public Health Officer.
8. When approved by the Public Health Officer, a “Water Condition Normal Notice” shall be issued following the protocol applicable to the Notice to be withdrawn.

9. The Public Works Foreman shall be responsible for the administration of this policy.

Public Health Officer review and approval on August 16, 2007.

Initially approved at meeting #34-07 on August 20, 2007

Next scheduled to be reviewed on August 5, 2008

## Village of Warfield – Water Quality Notification Policy – Schedule ‘A’

# NOTICE

## WATER QUALITY ADVISORY

The Village of Warfield issued this Water Quality Advisory Notice on (date) pursuant to Water Quality Notification Policy #5600.

This Notice has been issued for the following reason(s):  
(description of the problem encountered)

The Public Health Officer has been notified, and measures are being taken to correct the problem.

The risk associated with the problem is considered to be low. Persons with compromised immune systems should boil their drinking water or use bottled water as a precautionary measure.

**A Boil Water Order is not being issued at this time.**

Further notices will be issued if the condition should deteriorate, or if the risk to public health should increase.

A “Water Condition Normal Notice” will be issued when the Public Health Officer is satisfied that the risk to public health has been eliminated.

For more information, please contact the Village of Warfield Public Works Foreman Greg Granstrom at (250) 368-8202 or (250) 368-1078 or the local Health Inspector, Carla Plotnikoff, (250) 364-6210. For after office hours please contact the MHO on call at 1-866-851-7311.

Village of Warfield – Water Quality Notification Policy – Schedule ‘B’

# BOIL WATER NOTICE

The Village of Warfield issued this Boil Water Notice on (date) pursuant to Water Quality Notification Policy #5600.

This Notice has been issued for the following reason(s):

(description of the problem encountered)

The Public Health Officer and the Village’s engineers are assessing the problem.

**All users of the Warfield water supply system are warned to:**

- a) Boil the water at a rapid boil for at least two minutes, or**
- b) Add two drops of fresh household bleach per liter of water (nine drops per gallon) to a clean covered container and let stand in the fridge for at least twenty minutes**

**before using the water.**

Further notices will be issued if the condition should deteriorate, or if the risk to public health should increase.

A “Water Condition Normal Notice” will be issued when the Public Health Officer is satisfied that the risk to public health has been eliminated.

For more information, please contact the Village of Warfield Public Works Foreman Greg Granstrom at (250) 368-8202 or (250) 368-1078 or the local Health Inspector, Carla Plotnikoff, (250) 364-6210. For after office hours please contact the MHO on call at 1-866-851-7311.

Village of Warfield – Water Quality Notification Policy – Schedule ‘C’

**DO NOT CONSUME WATER  
NOTICE**

The Village of Warfield issued this Do Not Use Water Notice on (date) pursuant to Water Quality Notification Policy #5600.

This Notice has been issued for the following reason(s):

(description of the problem encountered)

The Public Health Officer and the Village’s engineers are assessing the problem.

It is advised that water from the Warfield water system  
**NOT BE CONSUMED**  
or used in food preparation, performing dental hygiene, showering, bathing, cooking, or any other purpose that may bring the water in contact with people or animals as the water may be chemically or bacteriologically unsafe.

Further notices will be issued if the condition should deteriorate, or if the risk to public health should increase.

A “Water Condition Normal Notice” will be issued when the Public Health Officer is satisfied that the risk to public health has been eliminated.

For more information, please contact the Village of Warfield Public Works Foreman Greg Granstrom at (250) 368-8202 or (250) 368-1078 or the local Health Inspector, Carla Plotnikoff, (250) 364-6210. For after office hours please contact the MHO on call at 1-866-851-7311.

Village of Warfield – Water Quality Notification Policy – Schedule ‘D’

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| <p style="text-align: center;"><b>NOTICE</b><br/><b>WATER CONDITION NORMAL</b></p> |
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The (specify) Notice issued by the Village on (date) pursuant to Water Quality Notification Policy #5600 is hereby rescinded.

The problem has been resolved and the Public Health Officer has confirmed that the quality of the Warfield water system once again meets all public health requirements.

In the event of a reoccurrence of the problem, or a new water quality problem, a new notice will be issued.

For more information, please contact the Village of Warfield Public Works Foreman Greg Granstrom at (250) 368-8202 or (250) 368-1078 or the local Health Inspector, Carla Plotnikoff, (250) 364-6210. For after office hours please contact the MHO on call at 1-866-851-7311.