

Local Island Trust



17 February 2020

Re: Rezoning of 2188 North End Road

After having both the CRD and VIHA/Gateway search their records for information regarding application/installation/approval for a septic system associated with the workshop at 2188 North End Road, none was found.

The surface water flow from this property flows west to join up with Weisner Brook which, via a culvert goes under Mariko Place. Weisner Brook flows through our property before it goes into a culvert under North End Road to join up with McFadden Creek. Data on coliform presence in Weisner Brook at 2124 North End Road has been determined and recorded twice (See accompanying attachments for details).

1. The first sample taken by Michael Riefman in February 2001 showed faecal coliform per 100ml = 5.
2. The second sample was taken in February 2020 and showed faecal coliform per 100ml = 30.

The workshop at 2188 North End Road has been rented during this time frame. As I have been unable to find evidence of a safe septic system and given the 600% increase in faecal coliform I am quite concerned that this workshop continues to be rented.

I realize that jurisdiction for septic lies with the CRD but approving this rezoning based on what has been given in the application i.e. no information regarding application/installation/approval for a septic system associated with the workshop at 2188 North End Road is not in the best interests of the neighbours or any tenants that may rent the workshop.

Thank you for your consideration of my facts and concerns,

[REDACTED]
Ronald Weisner

Operator : RON WEISNER
:
:
:
:
Date
Collected: 2001.02.01

For Further Enquiries Contact:
CAPITAL HEALTH REGION
PENINSULA HEALTH UNIT
2170 MOUNT NEWTON CROSS ROAD
SAANICHTON BC
V8M 2B2
Telephone: 544-2426

System : PRIVATE: 2124 NORTH END ROAD
Site : 2124 NORTH END ROAD
Address : 2124 NORTH END ROAD
: SALT SPIRNG ISLAND BC
:

Site Code:
RIEFMAN, MICHAEL
Environmental Health Officer

Results : Sample shows both Faecal Coliform Contamination and Total Coliform Contamination.

Number of Faecal Coliform per 100 mL = 5
Number of Total Coliform per 100 mL = 39

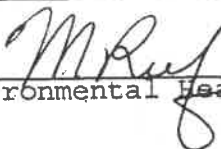
Stream

* BACTERIOLOGICALLY UNSATISFACTORY WATER INDICATED *

Remarks : Coliform bacteria were present in the sample submitted. The water system site will be resampled. Please be advised of the following points as applicable to your water system and this sample report:

- Boil Water Advisory
- Source Water Sample
- Disinfection Required / Recommended
- Review treatment procedure to ensure adequate disinfection
- Flush Systems Thoroughly (Distribution system and storage tank (if any) should be thoroughly flushed at least ___ times per year)
- Non Compliance with Microbiological Standards
- Other (See Comments)

Comments : _____


Environmental Health Officer

Guidelines for Canadian Drinking Water Quality
The maximum acceptable concentration (MAC) for total coliforms is no organism detectable per 100 mL. Because coliforms are not uniformly distributed in water, and are subject to considerable variation in enumeration, drinking water that fulfils the following conditions is considered to be in compliance with the total coliform MAC:
1) No sample should contain more than 10 total coliform organisms per 100 mL, none of which should be faecal coliforms; and
2) No consecutive samples from the same site should show the presence of coliform organism; and
3) For community drinking water supplies:
a) not more than 10 percent of the samples based on a minimum of 10 samples should show the presence of coliform organism; and
b) not more than one sample from a set of samples taken from the community on a given day should show the presence of coliform organism.

Definitions:
Total Coliform : indicates that coliform bacteria were present in the sample analyzed. Human and animal sewage always contains large number of coliform bacteria; soil and vegetation may also contain bacteria. Discovery of these bacteria in drinking water is an indication of pollution from human, animal, soil or vegetation sources.
Total Coliform: organisms indicate contamination from human or animal waste
Overgrown with total coliform detected : because of excessive bacteriological growth in the sample, the actual number of coliform bacteria could not be estimated but there were coliform bacteria observed.
Overgrown with faecal coliform detected: because of excessive bacteriological growth in the sample, the actual number of faecal bacteria could not be estimated but there were faecal coliform bacteria observed.

Client/Code

Absolute Water Treatment Ltd
736 Isabella Pt Rd
SSI, BC
V8K 1V2

Date 06Feb20 11:35a
Source FWS
Type of Sample water
No. of Samples 3

No. W152323

TEL: 250 537-0925 Comments Arrival temp.: 2.0C
westcoastwaterwhisperer@gmail.com Sampler: Mindy

Sample: Ron & Kathy Weisner, [REDACTED]

Site Code	Date	Time	CFU/100 ml		CFU/100 ml		CFU/100 mL
			TC	T-NC	FC	F-NC	E.coli
1 Kitchen - UV Treated	05Feb20	15:00p	0	0	0	0	0
2 Tank - Raw	05Feb20	15:00p	0	0	0	0	0
3 Weisner Brook Stream	05Feb20	15:00p	5600	10400	30	600	2

TC = total coliform bacteria
FC = fecal coliform bacteria (aka thermotolerant coliforms)
NC = non-coliform bacteria
CFU/100 ml = colony forming units per 100 milli-litres

Results may be adversely affected if samples are submitted to the laboratory more than 24 to 30 hours after collection.

E. coli = Escherichia coli, FDA/BAM 8th ed, 1995 + Revision A, 1998
Bergey's Manual of Systematic Bacteriology vol 1, AOAC 1984; J.Clin.Micro., J.Intern.Systm.Bact.

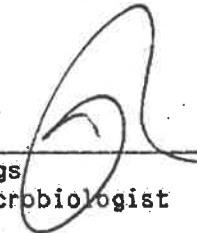
Comments:

For Interpretation of Results:

Total or Fecal Coliforms present greater than 0 CFU/100mL (0 CFU/mL):
IF Coliform numbers exceed safe limits for drinking water-
water is not suitable for drinking without treatment.

Total Non-coliform bacteria (=Lactose Fermentors) equal to or greater than
200 CFU/100mL (2.0 CFU/mL):
IF the number of organisms present exceed recommended guidelines for
drinking water; treatment is strongly recommended.

- see following page for chemistry results -


W. Riggs
Sr. Microbiologist

