



DRINKING WATER SYSTEM INSPECTION REPORT

Health Protection

SYSTEM NAME False Bay School	E.H.O. NAME Elizabeth Thomson
ADDRESS Lansvet Island	POSTAL CODE
OPERATOR	INSPECTION DATE (DMY) 07.05.2015
SYSTEM TYPE (CHECK One)	TYPE OF INSPECTION
<input type="checkbox"/> > 20,000 (DWP) <input type="checkbox"/> 10,001 - 20,000 (DWM) <input type="checkbox"/> 301 - 10,000 (DWT) <input type="checkbox"/> 15 - 300 (DWC) <input type="checkbox"/> 2 - 14 (DWS) <input type="checkbox"/> 1 - SERVES PUBLIC (DWQ) <input type="checkbox"/> 1 HAULER (DWH)	<input type="checkbox"/> INITIAL <input checked="" type="checkbox"/> ROUTINE <input type="checkbox"/> COMPLAINT <input type="checkbox"/> FOLLOW-UP

CRITICAL HAZARD

These items relate to Public Health Safety & MUST RECEIVE IMMEDIATE ATTENTION

Microbiological Contamination of Raw Water Supply Due to:

- 301 Flood
- 302 Sewage
- 303 Industrial
- 304 Agriculture
- 305 Other (Specify) _____
- 306 Chemical Contamination of Raw Water Supply
- 307 Contamination of Finished Water - Reservoir.
- 308 Contamination of Finished Water - Mains
- 309 Cross-Connection
- 310 Use of Unapproved Source
- 311 Interruption of Treatment
- 312 Inadequate Treatment
- 313 Other (Specify) _____

SANITATION & MAINTENANCE

These items must be corrected within a designated time period

- 314 Improper Maintenance of Distribution System
- 315 Improper or No Disinfection of New or Repaired Main
- 316 Source Unprotected and Subject to Contamination
- 317 Inadequate or Improper Construction of Water Works
- 318 Inadequate Microbiological Analysis Data
- 319 Inadequate Chemical Analysis Data
- 320 Interruption of Treatment
- 321 Inadequate Treatment
- 322 Emergency Response Plan
- 323 Other (Specify) _____

CODE	FINDINGS AND ACTIONS REQUIRED
✓ 323	Look into when sand/carbon/reminceralization filter medias are to be changed
319	Chemical analysis received May 12/15 from August 15/12. Results show turbidity = 8.6 NTUs. Retest finished water quality turbidity.
	- Review and update emergency response plan
	- Ensure 2014 annual report is completed and available to users by the end of June 2015.
	- Look into which outside taps are potable/non potable
	- In general water system is well operated
	- Maintenance logs posted in locked equipment rooms
	- Monthly bacteriological samples are satisfactory

Ministry of Health permit to be updated to Island Health

At the time of inspection this system has a hazard rating of HIGH MODERATE LOW Issue Permit Conditions of Permit

FOLLOW UP VISIT PHONE Date

RECEIVED BY **Emaleed** PRINT NAME _____ E.H.O. _____

permit complete application to ensure information is up to date

EMERGENCY RESPONSE PLANNING FOR SMALL WATERWORKS SYSTEMS

Updated 01/15/16

SD69 (Qualicum) False Bay School
Weldon Road, Lasqueti Island, BC

EMERGENCY RESPONSE PLAN CONTACT LIST

Personnel Contacts

	Phone	Emerg	Fax
Operator's Name: SD69 (Qualicum)	250-954-3026	250-954-9304	250-954-3028
Staff Name: Chris Dempster	250-954-3026	250-954-9304	250-954-3028
Assistant Manager of Operations			
Rob Desrosiers	250-228-0297	250-954-9304	250-954-3028
Lead Plumber			
School Principal	250-333-8813		250-333-8772

Emergency Contact Numbers

Medical Health Officer – Dr. Hasselback	250 755-6215		250-755-3372
Environmental Health Officer- Elizabeth Thomson	250-947-8222		250-951-9576
Public Health Engineer – Murray Sexton	250-755-6215		250-755-3372
Prov. Emerg. Preparedness Prog.	1 800-663-3456		
Police	Parksville RCMP	250-248-6111	911
Ministry of Environment		250-751-3100	
Department of Fisheries		250-746-1210	
Hospital	Nanaimo Regional	250-248-2332	
Fire Department		250-333-8711	911
BC Hydro		1-888-769-3766	
Pump Information	Gould 1hp, J105 Gould ¾ hp, HIP J75		
Filter Information	Novatek Novatek Novatek	Carbon Filter Multi Media Neutralizer	
UV Information	Trojan UV		
RO Information	WGR-1800		
Bottled Water Supplier	CDN Springs	1-800-665-3285	

EMERGENCY RESPONSE PLAN – ACTION LIST

Type of Emergency: CONTAMINATION OF SOURCE

Actions:

- shut down main and clean
- notify Health Unit
- drain cistern and disinfect
- Disinfect piping
- Eliminate contaminating source
- Refill system
- Call Maintenance

Contacts: Operations & Maintenance Dept.
School Principal
Environmental Health Officer
PAC supply
Red Williams

Type of Emergency: LOSS OF SOURCE

Actions:

- shut down pump
- notify Health Unit
- Order bottle water
- Order bulk water

Contacts: Operations & Maintenance Dept.
School Principal
Environmental Health Officer
PAC supply
Red Williams

Type of Emergency: FLOOD CONDITIONS

Actions:

- shut down pump
- notify Health Unit
- Order bottled water
- Order bulk water

Contacts: Operations & Maintenance Dept.
School Principal
Environmental Health Officer
PAC supply
Red Williams

Type of Emergency: BROKEN WATER MAIN

Actions:

- shut down pump
- notify Health Unit
- Order bottled water
- Order bulk water

Contacts: Operations & Maintenance Dept.
School Principal
Environmental Health Officer
PAC supply
Red Williams

Type of Emergency: PUMP FAILURE

Actions:

- notify Health Unit
- notify pump manufacturer if needed
- Order bottled water
- Order bulk water

Contacts: Operations & Maintenance Dept.
School Principal
Environmental Health Officer
PAC supply
Red Williams

Type of Emergency: POWER FAILURE

Actions:

- start backup generator
- Order bottled water
- Order bulk water

Contacts: Operations & Maintenance Dept.

School Principal
Environmental Health Officer
PAC supply
Red Williams

Type of Emergency: BACKFLOW OR BACK SIPHONAGE

Actions:

- purge and disinfect lines as directed after corrections have been made

Contacts: Operations & Maintenance Dept.
School Principal
Environmental Health Officer