



Water Supply Emergency Response Plan

Revised April 2023 (next review Mar 2024)

2036 Marble Bay Road - Box 115 - Van Anda BC V0N 3K0

604.486.7035 - contact@vananda-id.ca - vananda-id.ca

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OVERVIEW

Introduction and Instructions

The following plan is intended to meet regulatory requirements and provide Van Anda Improvement District staff and trustees with ready information to enable them to respond quickly to events that may affect the continuous supply of safe water. The plan also provides details regarding officials and authorities to be notified in the event of such an emergency.

The Emergency Response Plan is updated annually. Copies of all editions of the Emergency Response Plan will be in hard copy and kept by the Administrator in the Van Anda Improvement District office.

Assignment and Responsibilities

The Chairperson of the Van Anda Improvement District will be the normal coordinator for emergency situations.

In the event the Chairperson is not available, the Senior Water Operator will assume the Coordinator's position. If the Senior Water Operator is not available, the Trustee Delegate #1 will assume the Coordinator's position. In the event Trustee Delegate #1 is not available, the Trustee Delegate #2 will assume the Coordinator's position.

The Emergency Coordinator shall draw upon all available resources to, in the most efficient and expeditious manner, resolve the emergency.

In the event of an emergency the Van Anda Improvement District office at 2036 Marble Bay Road, Van Anda, British Columbia, shall become the Emergency Coordination Center.

CONTACT LISTS

The contact lists are not all inclusive, nor is there any requirement for all telephone numbers (contacts) to be notified for every emergency. It is the responsibility of the Emergency Coordinator to assess which persons and agencies are to be notified. The list should be used in conjunction with the instructions for dealing with specified emergencies.

Water Consumer Notification

If there is a real, immediate threat to the safety of the District's water supply and the Emergency Coordinator is unable to contact the local Environmental Health Officer, Medical Health Officer, or other Ministry of Health Officials for instruction, the following steps should be taken to alert water consumers to the danger:

1. If the risk is imminent, the Coordinator should contact local media and local places of business or instruct personnel at the Coordination Center to contact the local media and places of business. The message given to local media and places of business for broadcast/posting should include a request that consumers notify their immediate neighbours who may not be aware of the danger. Two samples of media announcements are included in the plan.
2. Also, if the risk is imminent, the coordinator should contact the water users directly or instruct personnel at the coordination center to contact the water users directly, using the Emergency Contact List which is kept on file in the VAID office. The message given to the water users should include a request that consumers notify their immediate neighbours who may not be aware of the danger.
3. An alternate method of customer notification would be the hand delivery of notices indicating the potential danger. Samples of "Advisory Notice" are included in this plan.

PERSONNEL CONTACT LIST

CHAIRPERSON	Ron Smith	604-578-1989
WATER MAINTENANCE OFFICER	Austin Rycroft	604-413-1402
Water Operator in Training	Michael Smith	604-578-0892
Backup Water Operator #1	George Kapetanakis	604-208-3965
Backup Water Operator #2	Ken Soles	604-414-7634
TRUSTEE Delegate #1	John Colongard	250-638-1409
TRUSTEE Delegate #2	Jane Waterman	604-413-0940
TRUSTEE Delegate #3	Jennifer Moore	250-218-6253
TRUSTEE Delegate #4	Philip Tidd	250-517-8362

VANCOUVER COASTAL HEALTH AUTHORITY CONTACT LIST

PUBLIC HEALTH CONTACT INFORMATION				
PRIMARY CONTACT				
Michael Nguyen DWO	604-485-3324	604-414-5545	778-317-8567	michael.nguyen@vch.ca
BACK-UP HEALTH CONTACTS				
1.Darren Molder DWO	604-885-8711	604-989-1357	604-989-7678	darren.molder@vch.ca
2.Jack Davidson DWO	604-485-3335	604-483-1981	604-314-0596	jack.davidson@vch.ca
3.Dan Glover DWO	604-815-6846	604-815-3128		dan.glover@vch.ca
4.Phil Muirhead DWO	604-983-6756	604-306-2717		phil.muirhead@vch.ca
5.Moliehi Khaketla MHO*	604-984-5070	604-612-9433		moliehi.khaketla1@vch.ca
6.Mark Ritson DWO (Manager Health Protection)	604-983-6813	604-219-7359	604-988-6516	mark.ritson@vch.ca

***Note: For the purpose of the Drinking Water Protection Act and Regulation, Dr. Moliehi Khaketla is both a Medical Health Officer and a Drinking Water Officer.**

DWO; Drinking Water Officer MHO; Medical Health Officer

EMERGENCY CONTACT LIST

AMBULANCE	9 1 1		
	Alan MacIsaac	Unit Chief	604-414-5593
ATV ACCESS	Mark Robert	Fire Captain	604-414-9662
BOTTLED WATER SUPPLIERS	Texada Food Market	Van Anda	604-486-7418
	Gillies Bay General Store	Gillies Bay	604-486-7208
	Aaron Service and Supplies	Powell River	604-485-5611
BULK WATER HAULERS	Davis Ventures	Van Anda	604-414-9827 604-414-9817
	T & R Contracting, Powell River – Brian Palmquist	3,000-gallon potable water tank	604-485-2234 604-612-0946
	Texada Quarrying Limited	604-486-7627	604-486-7312
DIVER	Roger Gillen	Powell River	604-483-1804
ELECTRICAL	David Vanzella	Van Anda	604-223-3333
	Aaron Rairie	Gillies Bay	604-486-7363
	Mark Rousseau	Gillies Bay	604-414-7180
EMERGENCY COORDINATION CENTRE		1-800-663-3456 or 9-1-1 connects you to Environmental Emergency Response Officer	

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EXCAVATION SERVICES	JMG Ltd	Rick Jones	604-486-7207 604-483-8308
	Davis Ventures	Al Davis	604-414-9827 604-414-9817
	Fudge Contracting	Dan Fudge	604-486-7364 604-483-1063
FACEBOOK: TEXADA MESSAGE BOARD	VAID Administration	Debra Gill (if admin not available)	604-578-1989
FIRE DEPARTMENTS	Van Anda Volunteer Fire Dept	Mark Robert, Acting Fire Chief	604-414-9662
Emergency: 911	Gillies Bay Volunteer Fire Dept	Rob McWilliam, Fire Chief chief@gilliesbayvfd.ca	604-414-5121
FIRE HYDRANTS	Iconix Waterworks	Courtenay	1-250-334-3200
	Terminal City Iron Works	Langley	1-604-513-380
FUEL RESOURCES	Sunshine Coast Fuel	Van Anda Gas Station	604-486-7739
	Texada Quarrying, Ltd. (Lafarge)	Office: 604-486-7627	Shop: 604-486-7312
GATE VALVES & PARTS	Fred Surridge	Vancouver	1-800-663-5857
	Corix/BG Controls	Vancouver	1-604-942-0288
	Andrew Sheret Ltd.	Courtenay	1-888-287-9571
	Andrew Sheret Ltd.	Nanaimo	1-250-758-7383
	Clear Tech Industries Inc.	Vancouver	1-800-387-7503
GENERATORS	@ Priest Lake Pump House 604-486-7068 (Plant)	1500-Watt Generator 30 kw, 240 volt, 3-Phase, 60 Hz, 1800 rpm	
	La Farge TQL	Texada	604-486-7627
	Economy Rentals	Powell River	604-485-2707

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HAM RADIO COMMUNICATIONS	Jim Johnson	Gillies Bay	604-486-7466
HOSPITAL	Powell River General Hospital	Powell River	604-485-3211
MECHANICAL SERVICES	Brian Thompson Heavy Duty Mechanic	Van Anda, by Boat Club	604-483-8393 604-486-7429
	Richard Shawcross - Monster Garage	at the Van Anda Gas Station	604-413-1606
	Rene Ayotte, Mechanic	Gillies Bay	604-486-0202 604-413-4341
MEDICAL CLINIC	Texada Health Center	604-486-7525	Pager: 604-483-6353
MINISTRY OF WATER, LAND & AIR PROTECTION		Surrey	1-604-582-5200
NEWSPAPERS	Powell River Peak	Powell River	604-485-5313
	Texada Express Lines	Texada Island	ticsv0n3k0@gmail.com
PLUMBING PARTS	Pete's Plumbing & Heating	Powell River	604-485-9761
PLUMBING SERVICES	Chris Wilkinson	Texada	1-250-202-1329
POLICE Emergency: 9 1 1	RCMP, Texada Island	Gillies Bay	604-486-7717
PROVINCIAL EMERGENCY PREPAREDNESS PROGRAM		Ken Becotte (Texada)	604-997-2250
PUMP MANUFACTURER	Smith Cameron	Surrey	1-800-663-5841
QATHET REGIONAL DISTRICT (Powell River)	Ryan Thoms	Emergency Coordinator, qRD	604-414-4553
	Al Radke	Administrative Officer	604-483-3231
	Sandy McCormick	qRD Area Representative	604-223-0171
RADIO STATIONS	SUN FM	Powell River	604-485-4207
	The Eagle, 97.3 FM	Vancouver Island	1-250-703-0199
	Jet FM	Vancouver Island	1-250-334-2421
	CBC Radio, 92.5 FM		1-604-662-6900

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SIGN BOARD, GILLIES BAY	Larry Newman	Gillies Bay	604-223-4530
SIGN BOARD, VAN ANDA	Debbie Gill	Van Anda	604-578-1989
SPILL KIT SOURCES	Van Anda Fire Department	Van Anda	604-414-3601
	Gillies Bay Fire Department	Gillies Bay	604-486-7757
	Lafarge – Texada Quarrying	Gillies Bay	604-486-7627
	Imperial Limestone	Van Anda	604-486-7623
	Sunshine Coast Fuel	Van Anda	604-486-7739
TELEVISION STATIONS	CBC TV News		1-604-662-6000
TRANSPORTATION	Texada Transfer (freight)	Powell River	604-485-7683
	Coastal Rides (people)	coastalrides.ca	1-855-921-2226
	BC Ferries	bcterries.com	1-888-223-3779
	BC Air	flybcair.com	1-250-895-9979
WATER TREATMENT PLANT	BiPure Water Inc	Surrey	1-604-882-6650
	Bi Pure contacts and email addresses:		
	Theresa Rendl - Inside sales Bryan Davies - Service Manager Jim Tam – engineer	theresar@bipurewater.com bryand@bipurewater.com jimt@bipurewater.com	

FORMS & TEMPLATES

EMERGENCY LOG SHEET



2036 Marble Bay Road
Box 115 Van Anda, BC V0N 3K0
contact@vananda-id.ca
604-486-7035

Type of Emergency:

Actions Taken:

Contacts:

Name:

Signature:

Date:

SAMPLE MEDIA ANNOUNCEMENT



2036 Marble Bay Road
Box 115 Van Anda BC V0N 3K0
contact@vananda-id.ca
604-486-7035

MEDIA ANNOUNCEMENT

Pre- Alert

Due to problems with the water system of the Van Anda Improvement District, we are in the process of contacting the Environmental Health Officer.

The water could be unfit for drinking or domestic use and, as a precaution, should be boiled for two minutes prior to consumption.

All residents are requested to notify their immediate neighbours who may be unaware of the potential danger. More information will follow as soon as it is available.

Any questions may be directed to the Chairperson, Ron Smith, at 604-578-1989.

Signature, Emergency Coordinator:

Date:

Copies to:

SUN FM Radio, 604-485-4207
Debbie Gill, 604-578-1989 - Van Anda Sign Board
Larry Newman 604-223-4530 - Gillies Bay Sign Board
Powell River Peak Newspaper, 604-485-5313
Texada Health Center, 604-486-7525
Facebook - Texada Message Board
VAID website

Notices Posted:

Sunshine Coast Fuel Gas Station
First Credit Union, Texada Branch
Gillies Bay General Store
Mary Mary Café
North Island Princess, BC Ferries
Texada Elementary School
Texada Food Market
Texada Island Inn
Texada Legion
Texada Old School
Van Anda Boat Club
Van Anda Ball Field
Van Anda Post Office

SAMPLE MEDIA ANNOUNCEMENT



2036 Marble Bay Road
Box 115 Van Anda BC V0N 3K0
contact@vananda-id.ca
604-486-7035

MEDIA ANNOUNCEMENT

Full Alert

BOIL WATER ADVISORY

This is to advise that the Environmental Health Officer has issued a boil water advisory to all residents within the Van Anda Improvement District.

The water is presently considered unfit for drinking or domestic use and should be boiled for two minutes prior to consumption.

All residents are requested to notify their immediate neighbours who may be unaware of the potential danger. Any questions may be directed to the Chairperson, Ron Smith, at 604-578-1989.

Signature, Emergency Coordinator:

Date:

Copies to:

SUN FM Radio, 604-485-4207
Debbie Gill, 604-578-1989 - Van Anda Sign Board
Larry Newman, 604-223-4530 - Gillies Bay Sign Board
Powell River Peak Newspaper, 604-485-5313
Texada Health Center, 604-486-7525
Facebook - Texada Message Board
VAID website

Notices Posted:

Sunshine Coast Fuel Gas Station
First Credit Union, Texada Branch
Gillies Bay General Store
Mary Mary Café
Texada Ferry, BC Ferries
Texada Elementary School
Texada Food Market
Texada Island Inn
Texada Legion
Texada Old School
Van Anda Boat Club
Van Anda Ball Field
Van Anda Post Office

ACTION LISTS

CONTAMINATION OF SOURCE

Actions:

- Clarify with Vancouver Coastal Health Authority (primary contact: Michael Nguyen) if system should be shut down or a “Boil Water Advisory” be issued
- Notify all users
- Display “Boil Water Advisory” at the Sunshine Coast Fuel Gas Station, First Credit Union, Gillies Bay Store, Mary Mary Café, North Island Princess, BC Ferries, Texada Elementary School, Texada Food Market, Texada Island Inn, Texada Legion, Old School in Gillies Bay, Texada Boat Club, Van Anda Ball Field, Van Anda Post Office
- Contact local media for public service announcement
- Arrange alternate source, if necessary, i.e., bottled water and bulk hauler

Contacts:

(See pages 4&5)

- Vancouver Coastal Health Authority
- Local places of business where notices to be posted
- Texada Health Center
- Newspaper, community message boards and radio station

LOSS OF SUPPLY (DAMAGE TO SYSTEM)

Actions:

- Ensure system (pump and generator) are shut down.
- Display “Boil Water Advisory” at the Sunshine Coast Fuel Gas Station, First Credit Union, Gillies Bay Store, Mary Mary Café, North Island Princess, BC Ferries, Texada Elementary School, Texada Food Market, Texada Island Inn, Texada Legion, Old School in Gillies Bay, Texada Boat Club, Van Anda Ball Field, Van Anda Post Office
- In case of vandalism, notify RCMP
- Analyze and repair system
- Notify all users
- Contact Vancouver Coastal Health Authority (primary contact: Michael Nguyen)
- Arrange alternate source, if necessary, i.e., bottled water and bulk hauler
- If necessary, disinfect system with chlorine (ask Health Office for instructions)

Contacts:

(See pages 4&5)

- Vancouver Coastal Health Authority
- Texada Health Center
- Bottled water supplies and bulk hauler

CHLORINATION FAILURE

Actions:

- Notify Water Operators
- Display “Boil Water Advisory” at Sunshine Coast Fuel Gas Station, First Credit Union, Gillies Bay Store, Mary Mary Café, North Island Princess, BC Ferries, Texada Elementary School, Texada Food Market, Texada Island Inn, Texada Legion, Old School in Gillies Bay, Texada Boat Club, Van Anda Ball Field, Van Anda Post Office
- In case of vandalism, notify RCMP
- Analyze and repair system. (A complete set of spares is on hand at the chlorination facility)
- A direct application to the tank of 1.8 Litres 5% bleach will increase the chlorine by 0.5 ppm max. This can be tested after 30 minutes and re-applied if necessary
- If untreated water has entered the system, issue Boil Advisory.
- Notify Trustees and Drinking Water Officer
- Flush system until suitable disinfection levels are achieved
- Notify all users

Contacts:

(See pages 4&5)

- Vancouver Coastal Health Authority
- Texada Health Center
- Bottled water supplies and bulk hauler

POWER FAILURE

Actions:

- Contact Water Operators
- Display “Boil Water Advisory” at Sunshine Coast Fuel Gas Station, First Credit Union, Gillies Bay Store, Mary Mary Café, North Island Princess, BC Ferries, Texada Elementary School, Texada Food Market, Texada Island Inn, Texada Legion, Old School in Gillies Bay, Texada Boat Club, Van Anda Ball Field, Van Anda Post Office
- Analyze and repair electrical source. Arrange generator back-up if necessary
- Notify all users about interruption
- Advise Vancouver Coastal Health Authority (primary contact Michael Nguyen)
- Arrange alternate source, if necessary, i.e., bottled water and bulk hauler

Contacts:

- Vancouver Coastal Health Authority
- Texada Health Center

BROKEN WATER MAIN

- Actions:
- Reduce pressure to broken section (but maintain enough pressure to backflow) by closing the gate-valves. (See the Map and Water Line binder located in the second drawer of the left file cabinet. File cabinet drawer labeled "Information Books
 - Display "Boil Water Advisory" at Sunshine Coast Fuel Gas Station, First Credit Union, Gillies Bay Store, Mary Mary Café, North Island Princess, BC Ferries, Texada Elementary School, Texada Food Market, Texada Island Inn, Texada Legion, Old School in Gillies Bay, Texada Boat Club, Van Anda Ball Field, Van Anda Post Office
 - Notify all users of interruption of service
 - Call for repairs, i.e., plumber, excavator
 - Advise Vancouver Coastal Health Authority (primary contact: Michael Nguyen)
 - Arrange alternate source, if necessary, i.e., bottled water and bulk hauler

- Contacts:
- Vancouver Coastal Health Authority
- (See pages 4&5)

STORAGE TANK FAILURE

- Actions:
- Switch the bypass over to divert the water passed the storage tank in order to ensure that the village would still have water to their households
 - Clarify with Vancouver Coastal Health Authority (primary contact: Michael Nguyen) if system should be shut down or a “Boil Water Advisory” be issued
 - Notify all users
 - Display “Boil Water Advisory” at the Sunshine Coast Fuel Gas Station, Texada Island Inn, First Credit Union - Texada Branch, Texada Elementary School, Van Anda Post Office, Texada Food Market, Texada Boat Club, Texada Legion and the North Island Princess, BC Ferries
 - Contact local media for public service announcement
 - Arrange alternate source, if necessary, i.e., bottled water and bulk hauler.

- Contacts:
(See pages 4&5)
- Vancouver Coastal Health Authority
 - Local places of business where notices to be posted
 - Texada Health Center
 - Newspaper, community message boards and radio station.

MOTOR VEHICLE ACCIDENT – FUEL SPILL INTO THE LAKE

- Actions:
- Contact Van Anda Volunteer Fire Department and Gillies Bay Volunteer Fire Department to deploy spill kits
 - Contact Water Operator to deploy spill kit from chlorination building
 - Contact Emergency Coordination Centre which will forward call to Environmental Emergency Response Office – or call 911
 - Clarify with Vancouver Coastal Health Authority (primary contact: Michael Nguyen if system should be shut down or a “Boil Water Advisory” be issued
 - Notify all users.
 - Display “Boil Water Advisory” at the Sunshine Coast Fuel Gas Station, First Credit Union, Gillies Bay Store, Mary Mary Café, North Island Princess, BC Ferries, Texada Elementary School, Texada Food Market, Texada Island Inn, Texada Legion, Old School in Gillies Bay, Texada Boat Club, Van Anda Ball Field, Van Anda Post Office
 - Assess if more spill kits are needed and if so, contact sources of spill kits for deployment to accident scene
 - Arrange alternate source, if necessary, i.e., bottled water and bulk hauler.

- Contacts:
(See pages 4&5)
- Vancouver Coastal Health Authority
 - Texada Health Center

SUPPLIERS FOR THE VAN ANDA FIRE DEPARTMENT

Rocky Mountain Fire & Safety	1-604-420-8111	Vancouver
Wholesale Fire & Rescue Ltd.	1-800-561-0400	Calgary
Wick's Fire & Safety	604-485-5494	Powell River
H & A Supplies (SCBA's)	1-403-346-7646	Red Deer
Justice Institute of BC (Training)	1-604-528-5680	Vancouver
Flecks Brothers (Fire Fighting Equipment)	1-250-287-2186	Campbell River
Levitt Safety (Fire Fighting Equipment)	1-604-278-3328	Vancouver
Hub Fire Engines (Pump Service)	1-604-522-7251	Vancouver
Aero Powell River Services (Truck Service)	604-485-2711	Powell River