

TERRACE RURAL WATER SYSTEM

2020 Annual Water Report



Regional District of
Kitimat-Stikine

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Operations and Maintenance Foreman

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1.0 INTRODUCTION

The Regional District of Kitimat-Stikine prepares an Annual Report for each of its Community Water Systems which is submitted to Northern Health and made publicly available on the Regional District website, www.rdks.bc.ca.

The North Terrace Community Water System (CWS) annual water system report represents the 2020 calendar year. This report serves to provide an overview of water source, treatment, sampling results and current or future upgrades to the system.



2.0 SYSTEM OVERVIEW

The North Terrace CWS obtains water from the Terrace CWS. Due to a high groundwater table, wells in the area of North Terrace showed poor water quality. The poor water quality led to the decision to tie into the Terrace CWS and extend it out to incorporate the North Terrace area. Not all residences in North Terrace are serviced by the North Terrace CWS, some remain on private well water. The North Terrace CWS consists of multiple dead-end lines which extend in multiple directions, and services approximately 120 residences.

The Terrace CWS uses both groundwater and surface water sources including wells within a pump house on Frank Street, Spring Creek surface water source and Skeena River surface water source. The Frank Street wells provide over 99% of the water delivered to the residents with the remainder coming from the surface water sources. The groundwater is not treated after being extracted, though it is disinfected using chlorine before entering the distribution system. Both of the surface water sources enter into a treatment plant before being distributed to the community and are also disinfected prior to entering the distribution system. The Terrace CWS services 12,000 people with 3,943 connections total. Fluoride is also added to the Terrace CWS drinking water to provide dental care to younger residents.

2.1 Wells and Intakes

The Terrace CWS obtains drinking water from groundwater wells located on Frank Street, and surface water intakes on Spring Creek and the Skeena River.

2.2 Water Storage

Water is stored within reservoirs present within the CWS. Reservoirs are located on Wilson Avenue and are used for emergency treated water storage and to assist in fire flow requirements. Storage is provided at two reservoir sites; Wilson Street reservoirs which services most of the community and Brauns Island and the Halliwell Reservoir that services the bench neighbourhoods and some areas of the Regional District to the north of town. The Halliwell reservoir which is located on the side of Terrace Mountain is the largest of the three with a capacity of 2,727m³ and a maximum turnover rate of 48hrs. The two reservoirs on Wilson Street operate together and have a combined volume of 2,712m³ with a maximum turnover rate of 30hrs.

2.3 Water Distribution

Water is distributed from water reservoirs to residents of North Terrace. The Terrace CWS was upgraded in 2013 to include a supervisory control and data acquisition (SCADA) system. The Terrace water operators can therefore monitor the system remotely. Potable water is conveyed from the Terrace CWS to the North Terrace CWS via subsurface piping of varying diameters.



2.4 Water Treatment

Water, which is extracted via groundwater wells, does not pass through a treatment plant, it is simply disinfected via the addition of chlorine prior to entering the distribution system. Water which is extracted via surface water intakes located on Spring Creek and Skeena River, enter treatment plants prior to being disinfected and distributed. Each of the treatment plants are monitored via SCADA systems by a certified water treatment operator. Fluoride is also added to the drinking water within the City of Terrace CWS in the form of fluorosilicic acid. Chlorine residuals, fluoride residuals and turbidity are monitored and recorded daily.



3.0 IMPROVEMENTS

The RDKS does not have any planned improvements for the North Terrace CWS. Long-term plans include looping the system to remove any dead ends in the distribution system. The SCADA system addition was a major improvement to the system and continued upgrading of distribution mains is expected. In total, 380 m of 200 mm diameter water main was replaced during the Walsh reconstruction project, and 140 m of 150 mm diameter pipe was changed out on Haugland. An additional 750 m of 200 mm diameter pipe was installed at two new subdivisions. Eight Hydrants were upgraded to new Canada Valve hydrants within these projects as well.



4.0 SYSTEM CLASSIFICATION

Facility Number (EOCP): 1910
Name: Terrace Rural Water Distribution System
City: Terrace, BC
Facility Classification: WD-I
Classification Date: 2010-02-12

All RDKS Operators have an individual EOCP Membership Number.

The EOCP can be contacted directly for additional inquiries into individual members or facilities at:

EOCP

#201 3833 Henning Drive
Burnaby, BC
V5C 6N5

Phone: (604) 874-4784 · Toll Free: 1-866-552-3627

Fax: (604) 874-4794 · E-mail: eoep@eoep.ca



5.0 WATER SYSTEM WORKS

5.1 Water Quality Inquiries and Complaints

No water quality inquiries or complaints were received during the 2020 calendar year.

5.2 System Flushing Schedule

The North Terrace CWS undergoes a complete flush of the system yearly as there are many dead ends within the system. The 2020 flushing event took place April 27th through April 29th. The process requires approximately one to two days to complete and includes all piping and dead ends. Flushing notifications are posted within the newspaper one to two weeks in advance.

5.3 Water Restrictions and High Consumption Events

There were no water restriction and high consumption events during the 2020 calendar year.

5.4 Service Disruptions and Advisories

There were no service disruption or advisories during the 2020 calendar year.



6.0 WATER QUALITY RESULTS

Water samples are collected and submitted for bacteriological analysis from three locations which alternate. Samples are collected from either Johns Road, Kalum Lake Drive or Archer Road on a weekly basis. All sampling is carried out by the City of Terrace. Chlorine residuals, fluoride residuals and turbidity are monitored and recorded daily by treatment plant operators. Water sampling results are available to the public in the Public Health Protection database from Northern Health at: www.healthspace.ca/nha where historical data is also available in a searchable format.

6.1 Bacteriological

Water system operators as part of regular duties, collected samples weekly from representative locations within the water system. Between January 1, 2020 and December 31, 2020, a total of 51 samples were collected and submitted to a certified laboratory for analysis of total coliforms, fecal coliforms, and E. coli. The monitoring program indicated that there were no positive samples collected over the 2020 period. No follow-up flushing of the system or water quality advisories were required. All 2020 samples met the bacteriological requirements of the Canadian Drinking Water Quality Guidelines.

6.2 Chemical

Additional parameters are also monitored within the distribution system via a supervisory control and data acquisition (SCADA) system. The SCADA system continuously monitors real time water quality data and alerts operators to changing conditions. The SCADA system monitors the following parameters along with other basic water quality parameters: turbidity, free and total chlorine and fluoride.



7.0 FUTURE INITIATIVES AND ISSUES

7.1 Proposed System Improvements

RDKS has no proposed system improvements for the Terrace Rural Water System in 2021

7.2 Source Protection

Source protection is provided by the City of Terrace on behalf of the RDKS.

7.3 Emergency Response

Emergency response is provided for the North Terrace area by the City of Terrace on behalf of the RDKS.

7.4 Cross Connection Control

Cross connection control is provided for the North Terrace CWS by the City of Terrace on behalf of the RDKS



LIST OF FIGURES

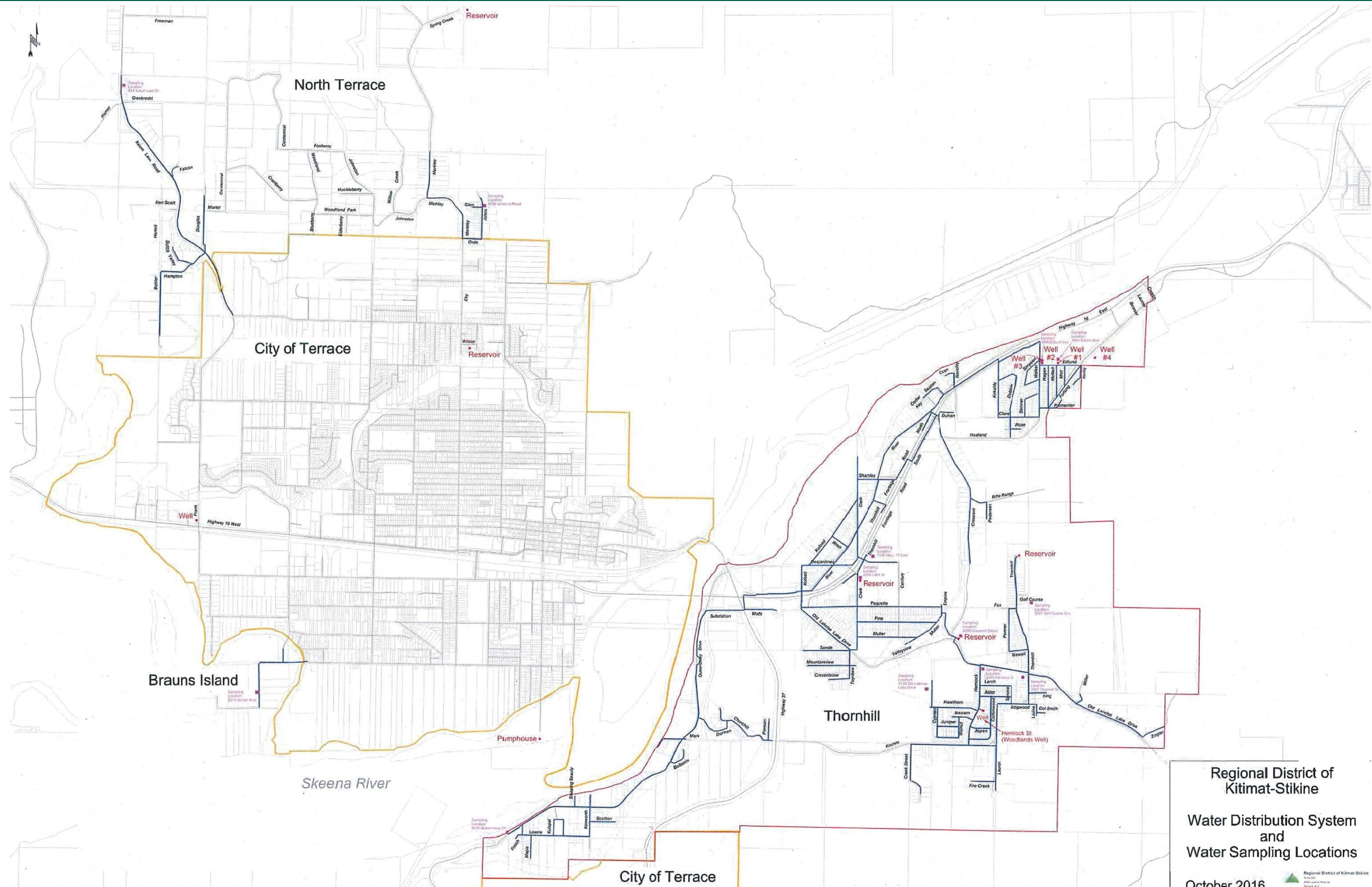
Figure 1: North Terrace Community Water System Map





Figure 1: North Terrace Community Water System Map





Regional District of
Kitimat-Stikine
Water Distribution System
and
Water Sampling Locations
October 2016



LIST OF APPENDICES

Appendix A: Water Notices, Procedure, and Signage

Appendix B: Water System and Operator Certifications

Appendix C: Water Quality Results 2020





Appendix A: Water Notices, Procedure, and Signage





Boil Water Order Procedure/Removal

The following procedure outlines steps to follow once a suspected contamination of the water system has occurred.

- 1) Contact the Environmental Health Officer (EHO) and explain the situation. The EHO will advise if a Boil Water Notice is to be issued. If the EHO cannot be contacted, then the Projects and Utilities Manager or person in charge should try to contact the Medical Health Officer (Northern Health Authority). If neither can be contacted, the Municipality must issue a Boil Water Notice if public health is at risk.
- 2) When issuing a Boil Water Notice the first step is to notify North Terrace residents and commercial users by door to door and media broadcast notification and all other affected individuals listed in the Emergency Procedure.

When notifying users and when broadcasting notification, advise the following:

Due to _____ (reason) the Regional District of Kitimat-Stikine advises the public that the water supply in certain areas is or is suspected to have become contaminated and may not be safe for human consumption. In order to ensure safety of the water supply, all water must be brought to a rolling boil and maintained at a rolling boil for at least one minute before being used for drinking, brushing teeth, washing food, etc. The areas affected are as follows:

If you have any questions regarding the order, please contact the Regional District of Kitimat-Stikine at (250)-615-6100 or 1-800-663-3208.

Note: It may be necessary to give only very general locations at the beginning with more exact locations identified when more information becomes available, recognizing that it is preferable to overstate the size of the area involved.

Signs are to be placed on the doors of all public washrooms and above all washroom sinks and drinking fountains accessible to the public.

Attached is an instruction sheet to be given to those individuals responsible for notifying users and placing of these signs.

A Boil Water Notice is to remain in effect until advised by the EHO. Once the advisory has been removed, all individuals previously contacted should be notified.



The following notice can be used for the removal of the boil water notice:

The Regional District of Kitimat-Stikine advises that the Boil Water Notice issued on _____(date) affecting the following areas _____ has now been removed. The water in these areas has been determined to be safe for human consumption.

If you have any questions, please contact the Regional District of Kitimat-Stikine at 250-615-6100 or 1-800-663-3208.

Procedure for Notifying Users and Placing of Boil Water Notice Signs

Single-family residences, multi-family property managers and businesses are to be notified both verbally and with a written notice. If no one is available, a written notice should be left in a conspicuous location (i.e. the mail box or attached to the door).

Notices to be posted on the following:

- Multi-Family Residences, Commercial or Public Buildings, Parks
- On the outside of each public bathroom door
- On the mirror or above the sink(s) within public washrooms

List of Signs and Notices:

- Service Interruption Notice – Scheduled Repair
- Water Quality Advisory – General
- Water Quality Advisory – High Turbidity Levels
- Boil Water Notice – Contaminated Water
- Boil Water Notice – Malfunction
- Boil Water Notice – Total Coliform
- Notice – Drinking Water Supply Corrected
- Warning Sign – For Public Washrooms and Fountains



Regional District of
Kitimat-Stikine

Terrace Rural Water System

SERVICE INTERRUPTION NOTICE

Please be advised that you may experience intermittent water service interruptions in your area on ____ (date) ____ between the hours of 8:00 a.m. and 6:00 p.m.

This water interruption is necessary to facilitate repair.

The Regional District recommends hot water tank electrical breakers be turned off during this period of time until water supply has been restored.

The Regional District apologizes for any inconvenience this may cause.

**THIS SERVICE INTERRUPTION NOTICE IS EFFECTIVE
____ (date) ____ UNTIL FURTHER NOTICE**

The Regional District is _____ (actions being carried out) to address the situation. The next update is planned to be issued _____ (date).

ENQUIRIES?

Regional District of Kitimat Stikine at 250-615-6100

**PLEASE SHARE THIS INFORMATION WITH YOUR
NEIGHBOURS**

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, rental units, nursing homes, schools, preschools, churches and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

Signature: _____
<NAME>
<JOB TITLE>



Regional District of
Kitimat-Stikine

Terrace Rural Water System

WATER QUALITY ADVISORY

As a precautionary measure, people may wish to boil water at a rolling boil for at least one minute and let it cool before using; use bottled water; or, use an alternative approved source of water.

Laboratory tests indicate the presence of bacteria in the drinking water. These bacteria are naturally present in the environment and they are generally not harmful but do indicate an increased chance that organisms causing intestinal illness may also be present in the drinking water.

We will inform you when the Water Quality Advisory is rescinded.

**THIS WATER QUALITY ADVISORY IS EFFECTIVE
_____(date)_____ UNTIL FURTHER NOTICE**

The Regional District is _____(actions being carried out) to address the situation. The next update is planned to be issued _____(date).

ENQUIRIES?

Regional District of Kitimat Stikine at 250-615-6100

PLEASE SHARE THIS INFORMATION WITH YOUR NEIGHBOURS

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, rental units, nursing homes, schools, preschools, churches and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

Signature: _____
<NAME>



Regional District of
Kitimat-Stikine

Terrace Rural Water System

BOIL WATER NOTICE

Contaminated Water

Contaminated water has entered the distribution system and we've received reports of people with symptoms typical of waterborne illness. Disease-causing organisms (bacteria, viruses or parasites) may have entered the distribution system. These organisms can cause symptoms such as diarrhea, abdominal cramps, headaches, nausea, vomiting or other symptoms. Persons experiencing symptoms such as these should consult a physician. Boiling the water kills these organisms.

Options for water users are to bring all water to a rapid rolling boil for at least one minute and let it cool before using; use bottled water; or, use an alternative approved source of water. Boiling the water destroys all the potentially disease carrying pathogens, the water is therefore considered potable after it has cooled. Boiled or bottled water should be used for drinking, making ice, brushing teeth and food preparation until further notice. We will inform you when you no longer need to boil your water. The RDKS is working to correct the situation through flushing and decontamination and shall inform the public as this process progresses.

THIS BOIL WATER NOTICE IS EFFECTIVE _____(date)_____
UNTIL FURTHER NOTICE

The Regional District is _____(actions being carried out) to address the situation. The next update is planned to be issued _____(date).

ENQUIRIES?

Regional District of Kitimat Stikine at 250-615-6100

PLEASE SHARE THIS INFORMATION WITH YOUR NEIGHBOURS

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, rental units, nursing homes, schools, preschools, churches and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

Signature: _____
<NAME>
<JOB TITLE>



Regional District of
Kitimat-Stikine

Terrace Rural Water System

BOIL WATER NOTICE

Due to a malfunction, contaminated water has entered the distribution system and there is a risk that the drinking water may contain disease-causing organisms. These organisms may include bacteria, viruses and parasites, which can cause human health concerns and may cause enteric symptoms (diarrhea, cramps, nausea, vomiting or other symptoms). Persons experiencing these symptoms should consult a physician. Boiling the water kills these organisms.

Options for water users are to bring all water to a rapid rolling boil for at least one minute and let it cool before using; use bottled water; or, use an alternative approved source of water. Boiling the water destroys all the potentially disease carrying pathogens, the water is therefore considered potable after it has cooled. Boiled or bottled water should be used for drinking, making ice, brushing teeth and food preparation until further notice. We will inform you when you no longer need to boil your water.

THIS BOIL WATER NOTICE IS EFFECTIVE _____(date)_____
UNTIL FURTHER NOTICE

The Regional District is _____(actions being carried out) to
address the situation. The next update is planned to be issued _____(date).

ENQUIRIES?

Regional District of Kitimat Stikine at 250-615-6100

PLEASE SHARE THIS INFORMATION WITH YOUR NEIGHBOURS

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, rental units, nursing homes, schools, preschools, churches and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

Signature: _____
<NAME>
<JOB TITLE>



Regional District of
Kitimat-Stikine

Terrace Rural Water System

BOIL WATER NOTICE

Total Coliform Presence

Laboratory tests indicate the presence of total coliform bacteria in the drinking water. If total coliform bacteria are present in drinking water supplies, this may indicate that disease-causing microorganism may be present. These organisms include bacteria, viruses and parasites that can cause enteric symptoms (diarrhea, cramps, nausea, vomiting or other symptoms). Persons experiencing these symptoms should consult a physician. Boiling the water kills these organisms.

Options for water users are to bring all water to a rapid rolling boil for at least one minute and let it cool before using; use bottled water; or, use an alternative approved source of water. Boiling the water destroys all the potentially disease carrying pathogens, the water is therefore considered potable after it has cooled. Boiled or bottled water should be used for drinking, making ice, brushing teeth and food preparation until further notice. We will inform you when you no longer need to boil your water.

THIS BOIL WATER NOTICE IS EFFECTIVE _____(date)_____
UNTIL FURTHER NOTICE

The Regional District is _____(actions being carried out) to
address the situation. The next update is planned to be issued _____(date).

ENQUIRIES?

Regional District of Kitimat Stikine at 250-615-6100

PLEASE SHARE THIS INFORMATION WITH YOUR NEIGHBOURS

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, rental units, nursing homes, schools, preschools, churches and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

Signature: _____
<NAME>
<JOB TITLE>



Regional District of
Kitimat-Stikine

Terrace Rural Water System

NOTICE

DRINKING WATER SUPPLY CORRECTED

Water samples collected from our water system indicate that the system is no longer contaminated. It is no longer necessary to boil water prior to consumption.

EFFECTIVE _____(date)_____

THANK YOU FOR YOUR PATIENCE AND CO-OPERATION

ENQUIRIES?

Regional District of Kitimat Stikine at 250-615-6100

**PLEASE SHARE THIS INFORMATION WITH YOUR
NEIGHBOURS**

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, rental units, nursing homes, schools, preschools, churches and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

Signature: _____
<NAME>
<JOB TITLE>



WARNING!

**THIS WATER IS UNSAFE FOR
CONSUMPTION UNLESS BOILED
FOR 1 MINUTE AT A ROLLING BOIL
OR UNTIL OTHERWISE DISINFECTED**





Appendix B: Water System and Operator Certifications





**2020 OPERATOR CERTIFICATIONS
TERRACE RURAL WATER SYSTEM**

OPERATOR	CERTIFICATION(S) & TRAINING	
Robert Hoekstra Environmental Services Foreman, City of Terrace	WD 3 CH	Water Distribution Level 3 Chlorine Handler
Gil Reimer Tech 3, City of Terrace	WD 2 CH	Water Distribution Level 2 Chlorine Handler
Colin Taylor Tech 2, City of Terrace	WD 1 CH	Water Distribution Level 1 Chlorine Handler
Chris Kerr W&S Operations & Maintenance Foreman, RDKS	WD 2 WWC 2 MWWT 1	Water Distribution Level 2 Wastewater Collection Level 2 Municipal Wastewater Treatment Level 1
Parrish Miller Utilities Operator III, RDKS	WT-MU-1 WD 2 WWC 2 MWWT 2 CH	Water Treatment Multi-Utilities Level 1 Water Distribution Level 2 Wastewater Collection Level 2 Municipal Wastewater Treatment Level 2 Chlorine Handler Cross Connection Control Awareness Cross Connection Control Management UV Disinfection Training
Jason Lacroix Utilities Operator II, RDKS	WD 2 WWC 1	Water Distribution Level 2 Wastewater Collection Level 1 Small Water Systems – Operator (NHA)
Jobin Kunjumon Utilities Operator I, RDKS	MWWT 1	Diploma: Water & Wastewater Technology Municipal Wastewater Treatment Level 1
Marty Eisner Utilities Operator, RDKS		
David Scaife W&S Labourer, RDKS		





Appendix C: Water Quality Results 2020



Bacteriological Data for North Terrace System
2020

Facility	Sampling Location	Description	Sample No.	Sample Date	Total Coliform per 100mL	Total E. Coli per 100mL	Comments
N. Terrace	Terrace Rural Water System	Kalum Lake Drive	200100707	6-Jan-20	Less than 1	Less than 1	
N. Terrace	Terrace Rural Water System	Johns Road	200104407	13-Jan-20	Less than 1	Less than 1	
Brauns Island	Terrace Rural Water System	Archer Ave	200107802	20-Jan-20	Less than 1	Less than 1	
N. Terrace	Terrace Rural Water System	Kalum Lake Drive	200112803	27-Jan-20	Less than 1	Less than 1	
N. Terrace	Terrace Rural Water System	Johns Road	200200408	3-Feb-20	Less than 1	Less than 1	
Brauns Island	Terrace Rural Water System	Archer Ave	200204603	10-Feb-20	Less than 1	Less than 1	
N. Terrace	Terrace Rural Water System	Kalum Lake Drive	200208503	18-Feb-20	Less than 1	Less than 1	
N. Terrace	Terrace Rural Water System	Johns Road	200212306	24-Feb-20	Less than 1	Less than 1	
Brauns Island	Terrace Rural Water System	Archer Ave	200300302	2-Mar-20	Less than 1	Less than 1	
N. Terrace	Terrace Rural Water System	Kalum Lake Drive	200305503	9-Mar-20	Less than 1	Less than 1	
N. Terrace	Terrace Rural Water System	Johns Road	200310303	16-Mar-20	Less than 1	Less than 1	
Brauns Island	Terrace Rural Water System	Archer Ave	200314502	23-Mar-20	Less than 1	Less than 1	
N. Terrace	Terrace Rural Water System	Kalum Lake Drive	200317803	30-Mar-20	Less than 1	Less than 1	
N. Terrace	Terrace Rural Water System	Johns Road	200402206	6-Apr-20	Less than 1	Less than 1	
Brauns Island	Terrace Rural Water System	Archer Ave	200405302	14-Apr-20	Less than 1	Less than 1	
N. Terrace	Terrace Rural Water System	Kalum Lake Drive	200407803	20-Apr-20	Less than 1	Less than 1	
N. Terrace	Terrace Rural Water System	Johns Road	200412803	27-Apr-20	Less than 1	Less than 1	
Brauns Island	Terrace Rural Water System	Archer Ave	200500802	4-May-20	Less than 1	Less than 1	
N. Terrace	Terrace Rural Water System	Kalum Lake Drive	200505603	11-May-20	Less than 1	Less than 1	
N. Terrace	Terrace Rural Water System	Johns Road	200509603	19-May-20	Less than 1	Less than 1	
Brauns Island	Terrace Rural Water System	Archer Ave	200512502	25-May-20	Less than 1	Less than 1	
N. Terrace	Terrace Rural Water System	Kalum Lake Drive	200600303	1-Jun-20	Less than 1	Less than 1	
N. Terrace	Terrace Rural Water System	Johns Road	200604504	8-Jun-20	Less than 1	Less than 1	
Brauns Island	Terrace Rural Water System	Archer Ave	200609402	15-Jun-20	Less than 1	Less than 1	
N. Terrace	Terrace Rural Water System	Kalum Lake Drive	200614003	22-Jun-20	Less than 1	Less than 1	
N. Terrace	Terrace Rural Water System	Johns Road	200617606	29-Jun-20	Less than 1	Less than 1	
Brauns Island	Terrace Rural Water System	Archer Ave	200701002	6-Jul-20	L1 B1	Less than 1	
N. Terrace	Terrace Rural Water System	Kalum Lake Drive	200706603	13-Jul-20	Less than 1	Less than 1	
N. Terrace	Terrace Rural Water System	Johns Road	200711107	20-Jul-20	Less than 1	Less than 1	
Brauns Island	Terrace Rural Water System	Archer Ave	200716210	27-Jul-20	Less than 1	Less than 1	
N. Terrace	Terrace Rural Water System	Kalum Lake Drive	200800703	4-Aug-20	Less than 1	Less than 1	
N. Terrace	Terrace Rural Water System	Johns Road	200806405	10-Aug-20	Less than 1	Less than 1	



Bacteriological Data for North Terrace System
2020

Brauns Island	Terrace Rural Water System	Archer Ave	200811801	17-Aug-20	Less than 1	Less than 1
N. Terrace	Terrace Rural Water System	Kalum Lake Drive	200819106	24-Aug-20	Less than 1	Less than 1
N. Terrace	Terrace Rural Water System	Johns Road	200900102	31-Aug-20	Less than 1	Less than 1
Brauns Island	Terrace Rural Water System	Archer Ave	200906103	8-Sep-20	Less than 1	Less than 1
N. Terrace	Terrace Rural Water System	Kalum Lake Drive	200910405	14-Sep-20	Less than 1	Less than 1
N. Terrace	Terrace Rural Water System	Johns Road	200916508	21-Sep-20	Less than 1	Less than 1
Brauns Island	Terrace Rural Water System	Archer Ave	200920704	28-Sep-20	Less than 1	Less than 1
N. Terrace	Terrace Rural Water System	Kalum Lake Drive	201002604	5-Oct-20	Less than 1	Less than 1
N. Terrace	Terrace Rural Water System	Johns Road	201007603	13-Oct-20	Less than 1	Less than 1
Brauns Island	Terrace Rural Water System	Archer Ave	201012101	19-Oct-20	Less than 1	Less than 1
N. Terrace	Terrace Rural Water System	Kalum Lake Drive	201016203	26-Oct-20	Less than 1	Less than 1
N. Terrace	Terrace Rural Water System	Johns Road	201100303	2-Nov-20	Less than 1	Less than 1
Brauns Island	Terrace Rural Water System	Archer Ave	201104503	9-Nov-20	Less than 1	Less than 1
N. Terrace	Terrace Rural Water System	Kalum Lake Drive	201108402	16-Nov-20	Less than 1	Less than 1
N. Terrace	Terrace Rural Water System	Johns Road	201111903	23-Nov-20	Less than 1	Less than 1
Brauns Island	Terrace Rural Water System	Archer Ave	201200202	30-Nov-20	Less than 1	Less than 1
N. Terrace	Terrace Rural Water System	Kalum Lake Drive	201204203	7-Dec-20	Less than 1	Less than 1
N. Terrace	Terrace Rural Water System	Johns Road	201209303	14-Dec-20	Less than 1	Less than 1
Brauns Island	Terrace Rural Water System	Archer Ave	201212302	21-Dec-20	Less than 1	Less than 1

RESULT SUMMARY

Between January 1st and December 31st, 2020, **51** Drinking Water Samples were tested
All **51** samples came back Less than 1 Total E. Coli per 100 ml, Less than 1 Total Coliform per 100ml

Breakdown of Total Coliform per 100 ml:

Qty	Total Coliform per 100 ml
50	Less than 1
1	L1 with B1 or Greater
0	1 or Greater
0	G
51	

Definitions/Codes:

L1: means less than 1 (<1) – essentially 0. Satisfactory

B# (number) or BG: means the number of non-coliform background bacteria colonies. High numbers (>200) may indicate deteriorating water quality

G: means overgrowth of bacterial colonies; not possible to count coliform bacteria