VILLAGE OF MONTROSE

2014 ANNUAL REPORT OF WATER MONITORING

August 2015

PO BOX 510
MONTROSE, BC V0G 1P0
Phone :(250) 367-7234 - Fax :(250) 367-7288
E-mail: admin@montrose.ca
Website: www.montrose.ca

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1.0 Introduction

This report has been produced to meet the requirement for water suppliers to produce an annual report on water quality as per Section 15 of the *Drinking Water Protection Act* and Section 11(b) of the Drinking Water Protection Regulation.

The annual report covers the period from January 1, 2014 to December 31, 2014 and uses data that is regularly obtained by the Village of Montrose to highlight water quality issues and to discuss the monitoring results of the Village's water system.

This report aims to convey information to residents regarding the overall operation of the municipal water system and describe the Village's approach to the operation and maintenance of the water system.

For more detailed information on drinking water health effects, the Village of Montrose recommends the following web sites:

Interior Health Authority
http://www.interiorhealth.ca/YourEnvironment/DrinkingWater/Pages/default.aspx

Health Canada:
http://www.hc-sc.gc.ca/ewh-semt/water-eau/drink-potab/index-eng.php

World Health Organization:
http://www.who.int/water_sanitation_health/dwq/en/

2.0 Water System Overview

The Village of Montrose was incorporated in 1956 and is home to approximately 1000 residents. It serves predominantly as a bedroom community to the City of Trail and is located within the Beaver Valley, east of the City of Trail and west of the Village of Fruitvale.

The Village of Montrose is currently classified as a Level II water distribution system. It obtains its domestic water supply from two wells that lay outside the Village boundaries, near the confluence of Beaver Creek and the Columbia River. This source is the most reliable and economical water supply for the Village. Water drawn from the two wells is now chlorinated and pumped up to two reservoirs located within the Village, which gravity feed the distribution system. In times of peak demand, some residents receive water directly from the wells.

In February of 2011, upon IHA recommendation, the Village was placed on a Boil Water Notice. The notice was issued due to routine testing showing a persistent low total coliform presence. The Village was still operating under this notice until June 27, 2013 upon completion of a major Gas Tax funded project which provided the Village with a new well, chlorine treatment facility and back-up power.

2.1 Service Area

The current water system supplies domestic water to both residents and businesses located within Village boundaries (Appendix 1). In addition, it acts as the only source of fire protection to the Village. It also acts as a backup system to the Beaver Falls Waterworks District, which supplies water to some 500 residents of the Beaver Valley (the area that lies between the Village of Montrose and Village of Fruitvale).

2.2 Source

As stated above, the Village currently has two production wells located at the confluence of the Beaver Creek and Columbia River. Both wells draw from an unconfined groundwater source.

Well #1 was constructed in 1961 and provided for an estimated safe yield of 47.3 L/s. In 1998, Kala Groundwater Consulting Ltd. was contacted to re-evaluate the well. Upon completion of their investigation, Well #1 was found to suffer from excessive drawdown, and as a result, the well's safe yield was reassessed to approximately 28.4 L/s. A recent (2009) assessment of the well references Kala's safe rate of 28.4 L/s and notes that the well efficiency is declining over time.

Well #2 was constructed in 1981 and provided for an estimated safe yield of 20.8 L/s. Again, in 1998, Kala Groundwater determined that Well #2 could safely be continuously pumped at 21 L/s. At the typical safe design rate of operating for eighteen hours per day, Well #2 can provide the Village with approximately 1,361 m^3/day. Well #2 has had issues with ground subsidence since the initial development which has caused settlement of the pumphouse building. Due to this settlement, this well has been capped and

abandoned upon completion of Well #3 which was commissioned as part of a major project to disinfect the Villages' water supply. This well could be used in an emergency situation and will remain capped for this purpose.

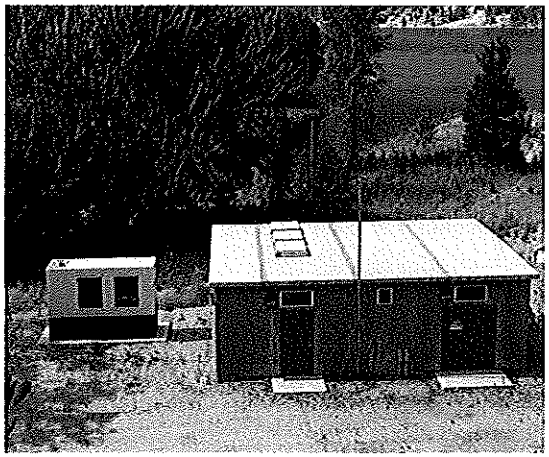
Specifics	Well #1		Well #2		Well #3
	Original	*Current*	*Original*	*Current*	*Original*
1. Year Drilled	1961		1981		2013
2. Total Depth (m)	38.1		36		34.7
3. Diameter (mm)	406		406		305
4. Length of Screen (m)	9.1		10.9		10.4
5. Depth to top of Screen (m)	29		25		24.4
6. Safe Yield (L/s)	47.3	28.4	20.8	21	20.5

In emergency conditions, the Village of Montrose's water supply is supplemented by the neighbouring Beaver Falls Water Works District system.

2.3 Treatment

2013 saw completion of a $1.5M supply and treatment project funded almost entirely through the federal Gas Tax Strategic Initiatives program. This project included construction of a chlorine room, a baffled 90m³ chlorine contact chamber, electrical and controls room and a mechanical/pump room.

Chlorine is injected at the Water Treatment Plant at a rate of 0.75 – 1.0 mg/l with the majority of the distribution system seeing concentrations of 0.5 – 0.7mg/l. The injection rates fluctuate during the year with the minimum requirement of 0.2 mg/l residual at distribution system extremities used as a control. There are many challenges in maintaining these limits and dead-end main lines, dual pressure zones, water use and temperatures all affect the required chlorine residual.



The PW department monitors and records residual levels at various locations within the Village generally three times per week. These levels assist the crew in determining the adjustments to the injection rate to maintain the limits in the water distribution system.

A summary of the chlorine concentration monitoring program is found in Appendix 3.

2.4 Storage

The Village of Montrose has two reservoirs that store water pumped from the water source.

Reservoir #1 (lower) was constructed in 1959. It is an elevated steel-finished tank consisting of one cell and has a storage capacity of 455m³. Its full water level elevation is approximately 637 metres.

Reservoir #2 (upper) was constructed in 1979. It is also an elevated steel-finished tank consisting of one cell and has a storage capacity of 909m³. Its full water level elevation is approximately 689 metres.

2.5 Distribution System

The Village's distribution system is segregated into 2 different pressure zones. Reservoir #2 services the highest pressure zone, which encompasses the northeast portion of the Village, namely most of 12th Avenue, upper 7th Street and the Golden Acres subdivision properties. Reservoir #1 services the lower pressure zone, which encompasses the rest of the Village.

In total, the Village of Montrose has approximately thirteen (13) kilometers of water main within the Villages boundaries, comprised of mainly asbestos concrete (approximately 90%), ductile iron (5%), and polyvinyl chloride or PVC (5%) pipes. Sizes range from 50 mm to 250 mm in diameter. As well, the Village's has numerous standpipes, and forty-one (41) fire hydrants for fire protection.

The Village of Montrose distribution system also currently has two connection points with the Beaver Falls Waterworks District distribution system. This allows either system to be used as a backup water supply by the other in emergency and other situations. IHA approved interconnects were installed in 2012 at both the 12th and 10th Avenue connections.

A new sharing procedure will need to be developed due to the recent addition of treatment to the Montrose system.

2.6 Controls and Communications

Programmable Logic Controllers, (PLC's) are digital computers used for automation of the Villages' water system controls. The PLC units control the operation of the wells through connected telephone lines, the Village's SCADA software is able to monitor sensors at source, pumping and storage points within the distribution system to maintain adequate supply and fireflow levels. Interpreting the data received, the software is able to automatically turn pumps on and off, and keep the system running smoothly. When any sign of trouble is detected, the software issues alarms to notify the Village's staff.

3.0 Water System Maintenance

In 2014, the Village of Montrose employed three utility maintenance workers that oversaw the operation and maintenance of the Village's water system. The Village has numerous maintenance policies in place related to the day-to-day operation and maintenance of the domestic water system. This includes items such as daily routine inspections of all water distribution system components and general maintenance procedures related to specific problems identified during those inspections. In addition, the Village also performs additional maintenance programs to ensure the integrity of the domestic water supply system. The following provides a general overview of these programs.

3.1 Wells Maintenance

Except for major items related to well maintenance (i.e. new screen or casing installations), the Village is able to keep well maintenance activities in-house. Village staff performs routine preventative maintenance service programs related to well maintenance, including pump maintenance, general pump house inspections and record keeping.

3.2 Reservoir Maintenance

Canadian Dewatering out of Edmonton, AB performed inspection and cleaning duties of both Village potable water reservoirs in 2010. Well levels and service was maintained during the works which was completed by divers.

During this cleaning it was noted that the reservoirs did not accumulate debris and recommended cleaning be completed on a ten-year schedule. Canadian Dewatering typically provides the following services when completing maintenance and inspection measures relating to the Village reservoirs:

- Sediment Removal from reservoirs floor using vacuum technique;
- Visual NDT underwater inspection of reservoirs including inspection of wall conditions, outside roof panel, centre support column, overflow pipe, inlet/outlet, bottom/floor, vent, and access hatch/ladder;
- Underwater cleaning using pneumatic tools;
- Recording of CCTV inspection with underwater video system; and
- Summarizing inspection findings.

3.3 Distribution System Maintenance

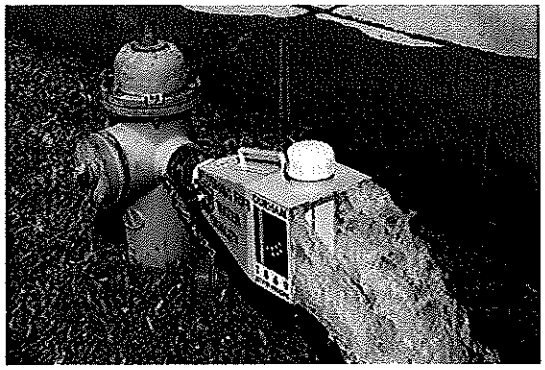
The distribution system in the Village of Montrose consists of watermains, valves, service connections , fire hydrants and dedicated sampling locations. Proper maintenance of the distribution system allows the Village to monitor both the quality and quantity of water as well as to take a proactive approach to mitigate potential causes for concern.

3.3.1 Valve Inspection

The Village tries to inspect all valves located within the distribution system each year to expose any buried valves, make repairs, and to exercise all valves to determine proper

functioning (opening and closing) of valves in order to ensure that specific watermains can be isolated for repair or to ensure that no restrictions are present that may limit flows.

3.3.2 Watermain Flushing and Hydrant Maintenance



In 2011, TRUE Consulting was engaged to provide the Village with a formal unidirectional flushing (UDF) program for the annual flushing of watermains. The 2013 annual flushing program was completed in the spring. The Village also maintains hydrants within the Village where the mains are also exposed to flushing activities.

Hydrants are inspected yearly to determine the unit's ability to function properly, and to provide adequate fire protection. Village staff performs inspections such as checking the hydrant pressure, exposing any worn parts, and updating service records. In 2009, the Village began a program to replace all old fire hydrants.

3.3.3 Watermain Breaks

Unfortunately, municipalities will always have to deal with both unexpected watermain breaks and the disruption of those breaks to the domestic water system. However, most problems associated with breaks can be remedied in a short amount of time and thus, regular service can be quickly restored. The Village experienced a minor watermain break in 2013 which surfaced quickly and was repaired immediately.

4.0 Water System Operator Training Program

The Village's Water Distribution (WD) system is classed as a Level II water system through the Environmental Operators Certificate Program EOCP. This classification level is based on system complexities and the number of homes serviced. The Conditions of Permit to operate the water system are established and monitored by IHA and call for continual operator training and upgrading as well as the attainment of operator certification levels applicable to the level of classification of the municipal water system.

In 2014 the Village had one certified Level II WD full time water system operator and two Utility Operators containing Level I WD. Each of the water operators take new courses each year through the Village's established Training Program in order to upgrade and/or keep current their operator certificates and knowledge to provide the Village with safe and efficient water system operations.

It is planned that the Village will soon see a second Level II WD operator through the efforts of our Training Program. Additionally, the Village is fortunate to live in close proximity and have positive working relationships with other local governments which allows for the sharing of knowledge and information between certified operators.

5.0 Water Quality Monitoring and Testing Program

The Drinking Water Protection Regulation sets minimal guidelines that water purveyors must meet in respect to water monitoring analysis. Therefore, the Village of Montrose is required to maintain the following components within its testing program:

1. Monitor the drinking water source, the water in its system and the water it provides;
2. Monitor the above not less than 4 times per month;
3. Monitor for both Total Coliform bacteria and E. Coli;
4. Have the analyses required for monitoring carried out by accredited laboratories that meet the requirements of the Drinking Water Protection Act and Public Health Officer; and
5. Send monthly reports to the Public Health Inspector that summarize the above test results and daily water consumption totals.

In 2014, the regular sampling program of the Village provided samples from four locations per testing week as follows:

- 12th Avenue Sampling Station;
- Community Hall – 460 9th Ave;
- Well #1 – Wells Property, Highway 22A; and
- Well #3 – Wells Property, Highway 22A.

In addition to the sampling above, the Village also completes Comprehensive Drinking Water Analysis. This analysis provides information relating to inorganic parameters and total recoverable metals. This comprehensive water analysis will be done once every three years (minimum) as per the Public Health Inspector, IHA. Well #2 was completed in 2011, Well #1 in 2012, and Well #3 was completed in 2013 upon commissioning of the new treatment facility.

All water analysis on domestic water in the Village of Montrose is performed by CARO Analytical Services, located in Kelowna, BC. CARO Analytical Services employs methods, which are based on those foundations in "Standard Methods for the Examination of Water and Wastewater", online Edition, published by the American Public Health Association, US EPA protocols found in "Test Methods for Evaluating Solid Waste, Physical/ Chemical Methods, SW846", 3rd Edition and protocols published by the British Columbia Ministry of Environment.

5.1 Parameters

A maximum allowable concentration (MAC) has been established by Health Canada for microbiological criteria. Each MAC has been designed to safeguard human health and is based on projecting lifelong consumption of drinking water that contains the substances

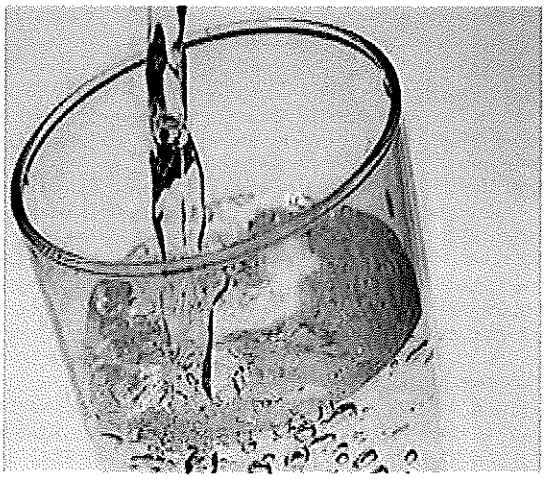
at the maximum concentration level. These MAC's are identified in Schedule A of the Drinking Water Protection Regulation as follows:

Water Quality Standards for Potable Water

Parameter:	Standard:
Fecal coliform bacteria	No detectable fecal coliform bacteria per 100 ml
Escherichia coli	No detectable Escherichia coli per 100 ml
Total coliform bacteria	
(a) 1 sample in a 30 day period	No detectable total coliform bacteria per 100 ml
(b) more than 1 sample in a 30 day period	At least 90% of samples have no detectable total coliform bacteria per 100 ml and no sample has more than 10 total coliform bacteria per 100 ml

5.2 Results

The Village's monthly water sampling results are summarized in Appendix 2. Overall results indicate that the Village falls within the required Maximum Allowable Concentrations specified by Health Canada and the Drinking Water Protection Regulations in respect to both Total Coliform and E. coli concentrations.



However, results indicated that the Village received one E. Coli hit in early August and had Background Colonies of less than 200 in one sample in early June. There were no positive E. coli concentrations found in any samples in 2014.

For comparison, in 2013, the Village fell outside of the required Maximum Allowable Concentrations allowed by Health Canada and the Drinking Water Protection Regulations in respect to Total Coliform concentrations in two of the twelve months.

Overall system sampling results indicate that in 2014, the Village routinely fell well within the required Maximum Allowable Concentrations allowed by Health Canada and the Drinking Water Protection Regulations in respect to E. coli concentrations.

Village of Montrose Water Sampling Results Summary for 2014

Month or Year(s) [mmm-yy]	Distribution System			Wells			Dist. System and Wells Combined		
	Detectable Samples [#]	Total Samples [#]	Non-detectable Samples [%]	Detectable Samples [#]	Total Samples [#]	Non-detectable Samples [%]	Detectable Samples [#]	Total Samples [#]	Non-detectable Samples [%]
Monthly Totals									
Jan-2014	0	4	100%	0	4	100%	0	8	100%
Feb-2014	0	4	100%	0	4	100%	0	8	100%
Mar-2014	0	4	100%	0	4	100%	0	8	100%
Apr-2014	0	4	100%	0	4	100%	0	8	100%
May-2014	0	4	100%	0	4	100%	0	8	100%
Jun-2014	0	4	100%	1	4	75%	1	8	88%
Jul-2014	0	4	100%	0	4	100%	0	8	100%
Aug-2014	1	4	75%	0	4	100%	1	8	88%
Sep-2014	0	4	100%	0	4	100%	0	8	100%
Oct-2014	0	4	100%	0	4	100%	0	8	100%
Nov-2014	0	4	100%	0	4	100%	0	8	100%
Dec-2014	0	4	100%	0	4	100%	0	8	100%
Annual Totals									
2009	5	97	95%	0	4	100%	5	101	95%
2010	14	106	87%	10	96	90%	24	202	88%
2011	16	102	84%	12	75	84%	28	177	84%
2012	15	72	79%	14	62	77%	29	134	78%
2013	2	64	97%	4	61	93%	6	125	95%
2014	1	48	98%	1	48	98%	2	96	98%
Five-Year Totals									
2010-2014	48	392	88%	41	342	88%	89	734	88%

12th Avenue Sampling Station & Community Hall

The 12th Avenue Sampling Station and the Community Hall are two primary locations for water sampling of the distribution system within the Village. These samples are generally taken the first and third Tuesday of each month. In 2014, results from the 12th Avenue Sampling Station indicated no abnormal counts in respect to E.coli, Total Coliform or Background Colonies. The Community Hall showed one E. coli count of 1 in August but no counts of Total Coliform or Background Colonies.

Well Pump Houses

The Well Pump Houses are also two primary locations for water sampling, and these samples are also generally taken the first and third Tuesday of each month. In 2014, results from the Well Pump Houses (Well #1 & #3) indicated no abnormal counts in respect to E. coli or Total Coliform; however there was one instance of Background Colonies of less than 200 in June at Well #2.

6.0 Annual Consumption Records

Consumption data in 2014 is now expected to be presented with confidence and accuracy, as the construction of the new treatment plant allowed for a new in-line flow meter to be installed in order to monitor accurate annual flow data. In 2014, the Village consumed an average of approximately 520 L/d (population of 1,020).

In 2011, 58% of Canadian households were equipped with water meters compared to 52% in 1991. Over the same period, average daily water use dropped by 27% from 342 litres per person in 1991 to 251 litres per person in 2011 [Environment Canada – Residential Water Use in Canada].

Table 1 - 2013 / 2014 Water Consumption Comparisons

Month	2013		2014	
	ML	ML/day average	ML	ML/day average
Jan	7.572	0.244	10.980	0.354
Feb	6.702	0.239	8.186	0.292
Mar	9.104	0.294	9.732	0.314
Apr	0.000	0.000	10.533	0.351
May	0.000	0.000	15.220	0.491
Jun	11.019	0.367	24.320	0.811
Jul	35.500	1.145	32.842	1.059
Aug	31.548	1.018	31.030	1.001
Sep	20.285	0.676	22.105	0.737
Oct	8.884	0.287	12.311	0.397
Nov	4.831	0.161	8.320	0.277
Dec	10.160	0.328	8.174	0.264
yearly total	**145.605**		**193.753**	
monthly avg.	**12.134**	**0.397**	**16.146**	**0.529**

Note: 2013 Data - Treatment facility construction period shown in red, no data available.

The Village of Montrose has been looking to achieve a reduction in the average consumption rate through participation in the Columbia Basin Trust Water Smart program and through enforcement of water usage bylaw #702, implemented in April 2013.

7.0 Water Conservation

In 2010, the Village of Montrose became a signatory to the Columbia Basin Water Smart Initiative which has assisted local governments across the region to reduce their local water consumption. The two main ways to achieve this reduction is through

1. reducing the amount of water used on lawns and gardens (Outdoor Irrigation); and
2. reducing the amount of water that leaks out of drinking water systems.

A Village of Montrose Water Smart Action Plan was completed in 2010 as part of this initiative which identified that the most significant use of water in Montrose appears to be for domestic irrigation. Leakage within the Village's water system is considered negligible because the estimated rate of indoor domestic use is approximately equivalent to the average winter day demand.

In 2011, 2012, and again in 2013 the Village participated in the CBT Water Ambassador Program through a partnership with the Village of Fruitvale. The ambassadors' goal was to reduce outdoor water use in the summer and her duties included public education, municipal park water use audits and free lawn and garden water assessments, which helped residents understand the amount of water their properties need, and how much water is really required. She also educated residents about watering restrictions.

The program was more successful in 2012 and saw a reduction in assessments is 2013. The Ambassador program is a recommended program in the Water Smart Action Plan. The CBT continues to assess the program and it is expected that further improvements will provide a greater utilization of the program by Montrose residents which will reduce water consumption.

Other Water Smart initiatives included water loss management training, completion of ICI metering in the Village and meter pit installation to the Village's WWTP.

8.0 Water Issues in 2014

The Village had no major issues concerning water treatment, supply and/or distribution in 2014; however minor issues continue to present themselves within the water distribution service and are summarized below.

Minor Source and Distribution System Interruptions
General source, pumping and distribution system interruptions occur on an irregular basis due to many factors, including, but not limited to the following:

- Power Supply Outage,
- Power Supply Interruptions or Spikes,
- Controls Communications Loss and/or Failure,
- Water Main Leaks and Repairs, and
- Service Connections Repairs.

9.0 2014 Capital Works and Projected 2015 Capital Works

The Village has maintained a philosophy of approaching infrastructure related problems in a proactive manner. This is evident by the numerous studies undertaken in regards to the water distribution piping network and an assortment of issues related to water consumption.

2014 Capital Works Projects

Reservoir Structural Components – Roof Upgrades
This project aims to reinforce the upper reservoir roof structure through the addition of roof angles to the existing roof support ribs. This project was identified in the 2010 Water Master Plan. The project commenced in 2014 with completion of the lower reservoir inspection to determine if the channel members are actually welded to the roof plate or not. Preliminary budget numbers were received to ensure sufficient funds could be allocated for further design and construction activities in 2015.

Fire Hydrant and Valve Replacement Programs
This program saw no replacement activities in respect to either gate valves or fire hydrants, as during routine inspections, all current infrastructure was deemed to be functioning well and in good repair.

Water Distribution Pipe Assessment
Previous pipe assessments completed by the Village required the physical removal of a 2.4m length of pipe to be shipped to a consultant in the Lower Mainland. From that sample, it was determined that the Village look into conducting an acoustic-based technology to assess the condition of all AC pipe within the distribution system. The project commenced in 2014 and a final report is expected to be delivered in early 2015.

Cross Connection Control Plan Implementation
As per IHA Permit, the Village is required to have a Cross Connection Control Program to identify, eliminate and prevent cross connections with non-potable water sources for the Village of Montrose. Initial contact was made with a consultant to assist the Village in the development of the plan with some of its implementation in 2014 and further implementation in 2015.

Projected 2015 Capital Works

Lower Reservoir Structural Components – Roof Upgrades
This project is identified above and in 2015, additional engineering assessment and design work is planned to review the suitability of this project. Additionally, it may be cost effective to inspect the upper reservoir during this project in order to determine if a repairs are required at this stage and if so, if they can be deferred to a future year.

Well Site - Valve upgrades

The need for a high pressure valve and blow-off to provide for a flush point for the supply main was determined after design of the wells project. This change did not occur during WTP construction or operational activities in 2014; however, the Village will need to complete this project in 2015.

Fire Hydrant and Valve Replacement Programs

This program will continue in 2015 and will plan to incorporate the replacement of some fire hydrants, exercise of main line valves, extension of a gate valve to road surface on 11th Avenue, and locating / accessing valves currently within Village right-of-ways.

Annual review and completion of the work program improves the water service to residents in the Village and will result in a reduction to disruptions during future waterworks projects.

10.0 Emergency Response and Contingency Plan

The Village currently has in place policies that deal with water quality notification (Policy # 5600) and emergency call outs (Policy # 7130). Both policies may be found in Appendix 4. The water quality notification Policy #5600 was revised in early 2009 as per the requirements of the Public Health Inspector, IHA.

When a major emergency occurs with respect to water supply, the Village of Montrose and the Beaver Falls Waterworks District have an agreement in place that allows either water system to act as a back-up system for the other. The process of backing up either system includes the fact that qualified representatives from each water system are present and work together to open the necessary valves for the systems to be properly combined. Further, the Village and Beaver Falls representatives convene regularly to discuss any upgrades to each respective distribution system and provide updates on a variety of other water purveyor matters common to both systems.

Formal Response Plans for specific emergency events are being developed and will be completed in 2015.

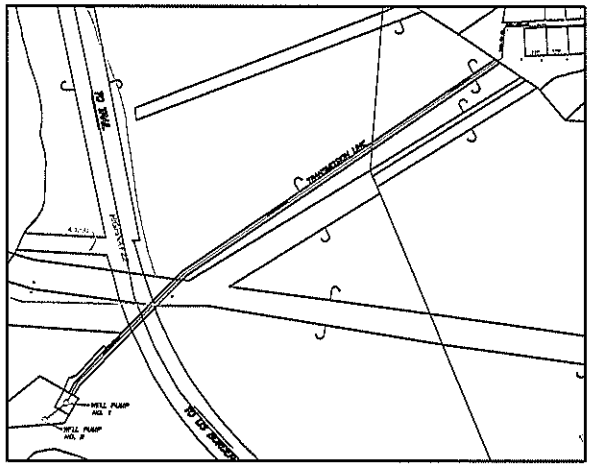
11.0 Conclusion

Since the implementation of the *Drinking Water Protection Act* and Drinking Water Protection Regulations, standards with respect to on-going operator training, water sampling, system monitoring, emergency response plans, long-range planning and public reporting have increased dramatically.

The Village of Montrose looks forward to the continuous implementation of this new legislation and welcomes the opportunity to inform residents of the Village's practices relating to the supply and distribution of domestic potable water. Further, as a result of presenting this annual report, the Village hopes that residents understand the current complexities municipalities face in supplying an adequate water source to its residents, and encourages residents to help the Village maintain a safe, reliable water source for both current and future generations.

APPENDIX 1

Montrose Water Service Area



INSET - TRANSMISSION LINE TO WELL PUMPS
SCALE 1:2500

LEGEND
- VALVE
- HYDRANT
- BLOW OFF
- WATER MAIN
- MUNICIPAL BOUNDARY

VILLAGE OF MONTROSE WATER SERVICE AREA
SCALE 1:2500

General Notes

1. THE LOCATION OF ALL EXISTING UTILITIES SHOWN ARE BASED ON FIELD SURVEY AND RECORD DRAWINGS ONLY.

No.	Revision/Issue	Date
A	UPDATED	09.01.10

DESIGNED ____ DATE ____
CHECKED ____ DATE ____
DRAWN K.C. DATE 22.09.2009

VILLAGE OF MONTROSE

565 11TH AVENUE
PO BOX 310
MONTROSE, BC
V0G 1P0

BOSON CONSULTANT

WATER SERVICE AREA
VILLAGE OF MONTROSE

Project No.	Drawing No.
Scale 1:2500	Sheet 1 of 1
Date SEPT 22, 2009	REV. A

APPENDIX 2

2014 Drinking Water Bacteriology Summary

APPENDIX 2

Village of Montrose
2014 Water Quality Testing Records

All testing carried out by CARO Environmental Services of Kelowna (250)765-9646
Tested for Total Coliforms & E. Coli

JANUARY 2014

Date	Location	Total Coliform	E. Coli
07-Jan	12th Ave Sample Station	<1	<1
07-Jan	Community Hall - 490 9th Ave	<1	<1
07-Jan	Well Pump #1 - Hwy 22A	<1	<1
07-Jan	Well Pump #2 - Hwy 22A	<1	<1
21-Jan	12th Ave Sample Station	<1	<1
21-Jan	Community Hall - 490 9th Ave	<1	<1
21-Jan	Well Pump #1 - Hwy 22A	<1	<1
21-Jan	Well Pump #2 - Hwy 22A	<1	<1

FEBRUARY 2014

Date	Location	Total Coliform	E. Coli
04-Feb	12th Ave Sample Station	<1	<1
04-Feb	Community Hall - 490 9th Ave	<1	<1
04-Feb	Well Pump #1 - Hwy 22A	<1	<1
04-Feb	Well Pump #2 - Hwy 22A	<1	<1
18-Feb	12th Ave Sample Station	<1	<1
18-Feb	Community Hall - 490 9th Ave	<1	<1
18-Feb	Well Pump #1 - Hwy 22A	<1	<1
18-Feb	Well Pump #2 - Hwy 22A	<1	<1

MARCH 2014

Date	Location	Total Coliform	E. Coli
04-Mar	12th Ave Sample Station	<1	<1
04-Mar	Community Hall - 490 9th Ave	<1	<1
18-Mar	12th Ave Sample Station	<1	<1
18-Mar	Community Hall - 490 9th Ave	<1	<1
18-Mar	Well Pump #1 - Hwy 22A	<1	<1
18-Mar	Well Pump #2 - Hwy 22A	<1	<1

APRIL 2014

Date	Location	Total Coliform	E. Coli
01-Apr	12th Ave Sample Station	<1	<1
01-Apr	Community Hall - 490 9th Ave	<1	<1
01-Apr	Well Pump #1 - Hwy 22A	<1	<1
01-Apr	Well Pump #2 - Hwy 22A	<1	<1
15-Apr	12th Ave Sample Station	<1	<1
15-Apr	Community Hall - 490 9th Ave	<1	<1
15-Apr	Well Pump #1 - Hwy 22A	<1	<1
15-Apr	Well Pump #2 - Hwy 22A	<1	<1

MAY 2014

Date	Location	Total Coliform	E. Coli
06-May	12th Ave Sample Station	<1	<1
06-May	Community Hall - 490 9th Ave	<1	<1
06-May	Well Pump #1 - Hwy 22A	<1	<1
06-May	Well Pump #3 - Hwy 22A	<1	<1
21-May	12th Ave Sample Station	<1	<1
21-May	Community Hall - 490 9th Ave	<1	<1
21-May	Well Pump #1 - Hwy 22A	<1	<1
21-May	Well Pump #3 - Hwy 22A	<1	<1

JUNE 2014

Date	Location	Total Coliform	E. Coli	Background Colonies
03-Jun	12th Ave Sample Station	<1	<1	
03-Jun	Community Hall - 490 9th Ave	<1	<1	
03-Jun	Well Pump #1 - Hwy 22A	<1	<1	
03-Jun	Well Pump #2 - Hwy 22A	<1	<1	>200
17-Jun	12th Ave Sample Station	<1	<1	
17-Jun	Community Hall - 490 9th Ave	<1	<1	
17-Jun	Well Pump #1 - Hwy 22A	<1	<1	
17-Jun	Well Pump #2 - Hwy 22A	<1	<1	

JULY 2014

Date	Location	Total Coliform	E. Coli
08-Jul	12th Ave Sample Station	<1	<1
	Community Hall - 490 9th Ave		
08-Jul	Well Pump #1 - Hwy 22A	<1	<1
08-Jul	Well Pump #3 - Hwy 22A	<1	<1
22-Jul	12th Ave Sample Station	<1	<1
22-Jul	Community Hall - 490 9th Ave	<1	<1
22-Jul	Well Pump #1 - Hwy 22A	<1	<1
22-Jul	Well Pump #3 - Hwy 22A	<1	<1

AUGUST 2014

Date	Location	Total Coliform	E. Coli
06-Aug	BS4 12th Ave Sample Station	<1	<1
06-Aug	BS3 Community Hall - 490 9th Ave	<1	1
06-Aug	BS1 Well Pump #1 - Hwy 22A	<1	<1
06-Aug	BS2 Well Pump #2 - Hwy 22A	<1	<1
19-Aug	BS4 12th Ave Sample Station	<1	<1
19-Aug	BS3 Community Hall - 490 9th Ave	<1	<1
19-Aug	BS1 Well Pump #1 - Hwy 22A	<1	<1
19-Aug	BS2 Well Pump #2 - Hwy 22A	<1	<1

SEPTEMBER 2014

Date	Location	Total Coliform	E. Coli
03-Sept	12th Ave Sample Station	<1	<1
03-Sept	Community Hall - 490 9th Ave	<1	<1
03-Sept	Well Pump #1 - Hwy 22A	<1	<1
03-Sept	Well Pump #2 - Hwy 22A	<1	<1
16-Sept	12th Ave Sample Station	<1	<1
16-Sept	Community Hall - 490 9th Ave	<1	<1
16-Sept	Well Pump #1 - Hwy 22A	<1	<1
16-Sept	Well Pump #2 - Hwy 22A	<1	<1

OCTOBER 2014

Date	Location	Total Coliform	E. Coli
07-Oct	12th Ave Sample Station	<1	<1
07-Oct	Community Hall - 490 9th Ave	<1	<1
07-Oct	Well Pump #1 - Hwy 22A	<1	<1
07-Oct	Well Pump #2 - Hwy 22A	<1	<1
21-Oct	12th Ave Sample Station	<1	<1
21-Oct	Community Hall - 490 9th Ave	<1	<1
21-Oct	Well Pump #1 - Hwy 22A	<1	<1
21-Oct	Well Pump#2 - Hwy 22A	<1	<1

NOVEMBER 2014

Date	Location	Total Coliform	E. Coli
04-Nov	12th Ave Sample Station	<1	<1
04-Nov	Community Hall - 490 9th Ave	<1	<1
04-Nov	Well Pump #1 - Hwy 22A	<1	<1
04-Nov	Well Pump #2 - Hwy 22A	<1	<1
18-Nov	12th Ave Sample Station	<1	<1
18-Nov	Community Hall - 490 9th Ave	<1	<1
18-Nov	Well Pump #1 - Hwy 22A	<1	<1
18-Nov	Well Pump#2 - Hwy 22A	<1	<1

DECEMBER 2014

Date	Location	Total Coliform	E. Coli
02-Dec	12th Ave Sample Station	<1	<1
02-Dec	Community Hall - 490 9th Ave	<1	<1
02-Dec	Well Pump #1 - Hwy 22A	<1	<1
02-Dec	Well Pump #2 - Hwy 22A	<1	<1
16-Dec	12th Ave Sample Station	<1	<1
16-Dec	Community Hall - 490 9th Ave	<1	<1
16-Dec	Well Pump #1 - Hwy 22A	<1	<1
16-Dec	Well Pump#2 - Hwy 22A	<1	<1

APPENDIX 3

2014 Chlorine Residual Monitoring Summary

APPENDIX 3

Village of Montrose
2014 Chlorine Residual Monitoring Summary

	January		February		March		April	
	WTP	Dist.	WTP	Dist.	WTP	Dist.	WTP	Dist.
Total Samples	13	38	129	37	12	46	12	37
Month High (ppm)	0.80	0.83	0.83	0.80	0.80	0.80	0.77	0.87
Month Low (ppm)	0.71	0.37	0.67	0.35	0.62	0.30	0.57	0.25
Month Average (ppm)	0.76	0.62	0.75	0.64	0.71	0.64	0.69	0.59

	May		June		July		August	
	WTP	Dist.	WTP	Dist.	WTP	Dist.	WTP	Dist.
Total Samples	11	41	13	41	13	43	12	45
Month High (ppm)	0.82	0.82	0.82	1.10	0.76	0.84	0.88	1.00
Month Low (ppm)	0.68	0.30	0.56	0.21	0.51	0.25	0.60	0.25
Month Average (ppm)	0.73	0.64	0.69	0.59	0.68	0.61	0.70	0.63

	Sept		Oct		November		December	
	WTP	Dist.	WTP	Dist.	WTP	Dist.	WTP	Dist.
Total Samples	12	44	13	52	12	45	13	52
Month High (ppm)	0.77	0.77	0.78	0.78	0.75	0.77	0.74	0.72
Month Low (ppm)	0.60	0.29	0.63	0.33	0.62	0.34	0.63	0.36
Month Average (ppm)	0.70	0.63	0.71	0.64	0.69	0.62	0.68	0.60

WTP = Water Treatment Plant - Analyzer Data

Dist. = Distribution System - samples taken from various locations within Village

All measurements represent free Cl2 (mg/L)

APPENDIX 4

2014 Water Consumption Records

APPENDIX 4

Village of Montrose
2014 Water Consumption Records

JANUARY 2014 TOTALS

Day		Total Daily	
January	1	329,697	
January	2	398,924	
January	3	349,439	
January	4	325,309	
January	5	404,072	
January	6	378,116	
January	7	327,700	
January	8	379,211	
January	9	350,099	
January	10	332,759	
January	11	328,834	
January	12	443,101	
January	13	382,054	
January	14	393,068	
January	15	310,598	
January	16	397,794	
January	17	309,231	
January	18	391,446	
January	19	341,041	
January	20	402,286	
January	21	325,962	
January	22	410,312	
January	23	336,131	
January	24	357,527	
January	25	337,279	
January	26	396,698	
January	27	383,686	
January	28	283,908	
January	29	311,376	
January	30	250,406	
January	31	312,264	
January Total		**10,980,328**	Litres

FEBRUARY 2014 TOTALS

Day		Total Daily	
February	1	253899	
February	2	343962	
February	3	265236	
February	4	310911	
February	5	no data	
February	6	332291	
February	7	282622	
February	8	341853	
February	9	292987	
February	10	337952	
February	11	255933	
February	12	315658	
February	13	258626	
February	14	307845	
February	15	259537	
February	16	342123	
February	17	328485	
February	18	275708	
February	19	344804	
February	20	285481	
February	21	331687	
February	22	291617	
February	23	328026	
February	24	286523	
February	25	336001	
February	26	274507	
February	27	336071	
February	28	265616	
February Total		**8,185,961**	Litres

MARCH 2014 TOTALS

Day		Total Daily
March	1	319,132
March	2	292,313
March	3	347,749
March	4	341,934
March	5	268,516
March	6	341,649
March	7	273,750
March	8	356,879
March	9	292,988
March	10	342,595
March	11	292,547
March	12	336,269
March	13	281,882
March	14	331,406
March	15	335,447
March	16	294,853
March	17	349,997
March	18	279,390
March	19	336,094
March	20	280,906
March	21	336,446
March	22	263,866
March	23	336,332
March	24	296,172
March	25	286,061
March	26	349,308
March	27	285,848
March	28	344,061
March	29	294,902
March	30	349,234
March	31	293,932
March Total		**9,103,981** Litres

APRIL 2014 TOTALS

Day		Total Daily
April	1	349,762
April	2	292,186
April	3	293,372
April	4	344,923
April	5	298,812
April	6	370,718
April	7	446,519
April	8	321,241
April	9	280,713
April	10	325,007
April	11	268,138
April	12	304,879
April	13	414,439
April	14	398,915
April	15	377,505
April	16	284,071
April	17	347,060
April	18	370,277
April	19	342,655
April	20	445,157
April	21	367,941
April	22	282,786
April	23	360,659
April	24	340,154
April	25	404,570
April	26	336,557
April	27	420,893
April	28	367,657
April	29	436,829
April	30	338,204
April Total		**9,103,981** Litres

MAY 2014 TOTALS

Day		Total Daily
May	1	439,407
May	2	420,189
May	3	442,674
May	4	463,256
May	5	412,803
May	6	307,321
May	7	352,968
May	8	350,808
May	9	403,994
May	10	435,375
May	11	519,386
May	12	489,863
May	13	507,212
May	14	471,529
May	15	513,237
May	16	554,001
May	17	563,764
May	18	439,598
May	19	502,208
May	20	499,082
May	21	520,783
May	22	546,387
May	23	537,736
May	24	589,304
May	25	633,063
May	26	509,353
May	27	547,061
May	28	469,602
May	29	463,868
May	30	458,148
May	31	658,019
May Total		**15,021,999** Litres

JUNE 2014 TOTALS

Day		Total Daily
June	1	878,782
June	2	722,402
June	3	819,863
June	4	890,910
June	5	800,628
June	6	958,988
June	7	1,100,000
June	8	1,100,000
June	9	1,100,000
June	10	1,010,000
June	11	1,100,000
June	12	881,045
June	13	686,652
June	14	665,599
June	15	724,450
June	16	628,702
June	17	551,646
June	18	548,325
June	19	591,430
June	20	611,928
June	21	861,525
June	22	1,040,000
June	23	1,020,000
June	24	895,124
June	25	825,253
June	26	795,594
June	27	761,143
June	28	562,282
June	29	616,011
June	30	571,607
June Total		**24,319,889** Litres

JULY 2014 TOTALS

Day		Total Daily
July	1	862,449
July	2	704,916
July	3	950,842
July	4	976,318
July	5	1,330,000
July	6	1,060,000
July	7	910,156
July	8	991,391
July	9	1,150,000
July	10	1,000,000
July	11	1,150,000
July	12	1,380,000
July	13	1,380,000
July	14	744,342
July	15	1,100,000
July	16	1,120,000
July	17	1,170,000
July	18	1,090,000
July	19	1,440,000
July	20	1,190,000
July	21	1,010,000
July	22	991,461
July	23	1,010,000
July	24	620,563
July	25	790,997
July	26	1,140,000
July	27	1,250,000
July	28	1,050,000
July	29	1,280,000
July	30	1,090,000
July	31	908,438
July Total		**32,841,873** Litres

AUGUST 2014 TOTALS

Day		Total Daily
August	1	1,230,000
August	2	1,320,000
August	3	1,280,000
August	4	957,034
August	5	1,360,000
August	6	1,160,000
August	7	1,240,000
August	8	1,110,000
August	9	1,590,000
August	10	1,200,000
August	11	1,370,000
August	12	888,437
August	13	1,030,000
August	14	984,757
August	15	773,395
August	16	821,207
August	17	1,000,000
August	18	1,030,000
August	19	824,617
August	20	684,893
August	21	669,361
August	22	637,860
August	23	1,070,000
August	24	785,694
August	25	1,030,000
August	26	602,509
August	27	1,040,000
August	28	717,390
August	29	971,570
August	30	970,071
August	31	680,926
August Total		**31,029,721** Litres

SEPTEMBER 2014 TOTALS

Day		Total Daily
September	1	896,693
September	2	775,472
September	3	652,023
September	4	587,465
September	5	716,605
September	6	775,350
September	7	925,508
September	8	802,311
September	9	964,379
September	10	723,055
September	11	833,466
September	12	691,437
September	13	864,811
September	14	775,454
September	15	964,924
September	16	694,660
September	17	851,955
September	18	647,963
September	19	725,708
September	20	746,045
September	21	909,923
September	22	731,295
September	23	797,900
September	24	518,005
September	25	582,161
September	26	492,793
September	27	622,640
September	28	619,485
September	29	671,913
September	30	543,195
September Total		**22,104,594** Litres

OCTOBER 2014 TOTALS

Day		Total Daily
October	1	586,217
October	2	526,418
October	3	507,067
October	4	489,709
October	5	595,038
October	6	576,577
October	7	523,662
October	8	428,482
October	9	489,183
October	10	421,098
October	11	439,526
October	12	414,048
October	13	453,854
October	14	348,997
October	15	406,314
October	16	282,842
October	17	269,719
October	18	295,560
October	19	385,057
October	20	319,591
October	21	374,291
October	22	293,646
October	23	352,524
October	24	268,380
October	25	293,393
October	26	350,252
October	27	327,728
October	28	301,473
October	29	368,962
October	30	301,286
October	31	319,828
October Total		**12,310,722** Litres

NOVEMBER 2014 TOTALS

Day		Total Daily
November	1	312,176
November	2	360,993
November	3	54,366
November	4	537,141
November	5	283,793
November	6	263,134
November	7	305,540
November	8	274,007
November	9	293,579
November	10	285,968
November	11	294,666
November	12	306,627
November	13	328,373
November	14	295,754
November	15	283,793
November	16	317,500
November	17	328,373
November	18	240,300
November	19	328,373
November	20	306,627
November	21	305,540
November	22	252,260
November	23	252,260
November	24	207,680
November	25	218,553
November	26	185,933
November	27	229,426
November	28	185,933
November	29	229,426
November	30	252,260
November Total		**8,320,354** Litres

DECEMBER 2014 TOTALS

Day		Total Daily
December	1	250,728
December	2	216,759
December	3	285,751
December	4	214,025
December	5	301,691
December	6	286,078
December	7	282,399
December	8	227,898
December	9	292,962
December	10	250,728
December	11	216,759
December	12	285,751
December	13	214,025
December	14	301,691
December	15	286,078
December	16	224,364
December	17	282,399
December	18	227,898
December	19	292,962
December	20	291,054
December	21	255,852
December	22	291,291
December	23	246,432
December	24	301,470
December	25	215,237
December	26	263,303
December	27	240,446
December	28	227,235
December	29	329,194
December	30	282,547
December	31	289,246
December Total		**8,174,253** Litres

APPENDIX 5

Emergency Response Plan
(Policies # 5600 and #7130)

THE VILLAGE OF MONTROSE

POLICY TITLE: WATER QUALITY NOTIFICATION POLICY **POLICY #** 5600

POLICY STATEMENT:
It is the policy of Council to notify users served by the Montrose 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 Montrose has traditionally relied on the provincial Public Health Officer to notify water users of any health problems related to the Montrose water system. With the adoption of the *Drinking Water Protection Act* the Village of Montrose 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 Montrose water system in the event of a proven or suspected public health risk associated with the Montrose 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 Montrose water system.
2. To issue a "***Water Quality Advisory***" (schedule 'A') when any on 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 the Village and Post Office bulletin boards, and publishing a copy of the notice in the Trail Daily Times newspaper.

   b) A leak in a municipal water main line is located.

      Protocol: posting the notice on the Village and Post Office bulletin board, and distributing a copy of the notice to residences and businesses served by that water main line.

   c) *Two or more consecutive samples are reported with, or exceeding a total coliform of 10 per 100ml or reported as overgrowth.*

      Protocol: *Posting the notice on the Village Post Office bulletin board, publishing a copy of the notice to the Trail Daily Times newspaper, and delivering a notice to local hotels, motels, restaurants, and service stations.*

3. To issue a "***Boil Water Notice***" (schedule 'B') when any on of the following conditions apply:
   a) An act of nature, e.g., a flood, in the immediate vicinity of one or more of the Village's wells.

      Protocol: posting the notice on the Village and Post Office bulletin board.

   b) One water sample is received indicating presence of E. Coli.

      Protocol: posting the notice on the Village and Post Office bulletin board, publishing a copy of the notice in the Trail Daily Times newspaper, and announcing the notice on a weekly basis on CBC Radio and KBS Radio while the condition prevails.

4. To issue a "***Do Not Use Water Notice***" (schedule 'C') when any on of the following conditions apply:

   a) A spill of a hazardous substance, e.g., liquid fuel, chemicals, etc., or possible contamination of an unknown substance due to vandalism in the immediate vicinity of one or more of the Village's wells.

      Protocol: notification of Regional Emergency Coordinator, posting the notice on the Village and Post Office bulletin board, publishing a copy of the notice in the Trail Daily Times newspaper, and announcing the notice on a daily basis on CBC Radio and 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., a well or water storage tank.

      Protocol: notification of the RCMP and the Regional Emergency Coordinator, posting the notice on the Village and Post Office bulletin board, publishing a copy of the notice in the Trail Daily Times newspaper, and announcing the notice on a daily basis on CBC Radio and 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, the Chair and all Board Members of the Beaver Falls Waterworks District, and the Mayor and all Councillors.

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.

Submitted to the Public Health Officer for review on May 30, 2005.
Initially approved at meeting #15-05 on June 20, 2005.
Revised as per IHA, December 16, 2008
Last reviewed and revised at meeting #01-11 on January 17, 2011.
Last reviewed and confirmed unchanged at meeting #6-14, February 3, 2014
Next scheduled to be reviewed on January 19, 2015

VILLAGE OF MONTROSE – WATER QUALITY NOTIFICATION POLICY – SCHEDULE 'A'

NOTICE

WATER QUALITY ADVISORY

The Village of Montrose 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.

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 Drinking Water Official is satisfied that the risk to public health has been eliminated.

For more information, please contact the Village Office at (250) 367-7234 or the Drinking Water Protection Officer at 1-888-426-7566.

VILLAGE OF MONTROSE – WATER QUALITY NOTIFICATION POLICY – SCHEDULE 'B'

BOIL WATER NOTICE

The Village of Montrose 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 Montrose water supply system are warned to:

a) Boil the water at a rapid boil for at least two 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 Office at (250) 367-7234 or the Drinking Water Protection Officer at 1-888-426-7566.

VILLAGE OF MONTROSE – WATER QUALITY NOTIFICATION POLICY – SCHEDULE 'C'

DO NOT USE WATER NOTICE

The Village of Montrose 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 Montrose water system

NOT BE CONSUMED

or used in food preparation, performing dental hygiene, showering, bathing, cooking, laundry, 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 Office at (250) 367-7234 or the Drinking Water Protection Officer at 1-888-426-7566.

VILLAGE OF MONTROSE – WATER QUALITY NOTIFICATION POLICY – SCHEDULE 'D'

NOTICE

WATER CONDITION NORMAL

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 Montrose 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 Office at (250) 367-7234 or the Drinking Water Protection Officer at 1-888-426-7566.

THE VILLAGE OF MONTROSE

POLICY TITLE: EMERGENCY CALL-OUT POLICY **POLICY #** 7130

POLICY STATEMENT:

It is the policy of Council to provide an emergency call-out procedure for basic water and sewer service emergencies.

POLICY BACKGROUND:

The Village does not have the staffing necessary to provide a standard call-out service to the community. Citizens have been encouraged to call private contractors (e.g. plumbers) to assist in emergencies such as plugged sewers. It is recognized, however, that certain emergency (e.g. broken water mains, failing lift stations) require attendance by the municipality's public works staff.

POLICY GOAL:

It is the goal of this policy to provide a basic call-out service to respond to lift station failures and broken water mains outside of regular working hours.

POLICY OBJECTIVES:

1. To secure the assistance of the Regional Fire Service to provide an emergency call-out dispatch service.
2. To limit the emergency call-out service to sewer lift-station failures and broken water mains.
3. To establish a phone fan-out sequence:
   a) Public Works Foreman (Kevin Ihas) PW Cell #@ 250-231-1554
   b) Public Works Foreman (Kevin Ihas) Personal Cell # @ 250-231-5788
   c) Utility Operator (Chris Morissette) – PW Cell # @ 250-231-1458
   d) Utility Operator (Chris Morissette) – Personal Cell # @ 250-521-1369
   e) Utility Operator (Garnet Bignell) – PW Cell # @ 250-231-4191
   f) Utility Operator(Garnet Bignell) – Personal Cell # @ 250-368-7443
   g) CAO (Kevin Chartres) – Home# @ **250-368-5833** / Cell# @ **250-231-4157**
   h) Mayor (Joe Danchuk) – Home# @ **250-367-2120**
4. To advertise the number **250-364-1737** as the *Village of Montrose after-hours and weekend Sewer Lift Station & Water Main Break Emergency Phone*.
5. That the Village of Montrose assume responsibility for any liability that may arise out of the implementation of this policy.

Initially approved at meeting #35-98 on November 17, 1998
Last reviewed and amended at meeting #36-13, November 18, 2013
Last reviewed and confirmed unchanged at meeting #40 – 14, December 1, 2014
Next review scheduled for December 7, 2015