

Waterflows

Monthly average (m³/gal)

Year	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Month										
Jan	224123	309311	209551	251373	222530	200759	229934	192119	268586	210040
Feb	256740	277335	212469	241649	220928	196332	245891	182663	210376	182199
Mar	230777	236223	217973	237386	209601	202850	244680	195671	204864	184109
Apr	222990	231929	214236	249086	220631	198821	256510	180849	191136	178647
May	270687	278459	198410	271955	259377	244670	241315	276741	350438	197761
Jun	299278	425429	259958	342874	228851	260385	338510	421777	297528	267200
Jul	464806	536554	447555	329112	358179	416978	424953	430264	294550	327839
Aug	352123	370912	416823	373218	367142	359813	418932	405507	389588	360710
Sep	299400	305864	267736	300006	302880	247751	275348	298850	215767	243566
Oct	260289	250860	199054	212952	198984	216561	162317	212729	173102	172890
Nov	265823	215854	198736	202798	192391	209469	184586	224355	180295	170420
Dec	234254	236125	223963	230917	196025	219167	203377	243676	262428	200981
Average	281774	306238	255539	270277	248127	247796	268862	272100	253221	224696
m ³	1281	1392	1162	1229	1128	1126	1221	1237	1150	1020

• Bolded text: yearly daily average

• Normal text: monthly daily average

Island Health

Facility Name: VILLAGE OF GOLD RIVER WATER SUPPLY
Facility Type: 301-10000 (DWT)
Date Range: Jan 1 2017 to Dec 31 2017
Date Created: Jan 16 2018

Sampling Site	Date Collected	Total Coliform	E. Coli	Fecal Coliform
<u>Well #1, Gold River,</u>				
<u>Well #1, Source site,</u>				
<u>Monthly</u>				
	27-Jun-2017	L1	L1	
	11-Jul-2017	L1	L1	
	01-Aug-2017	L1	L1	
	05-Sep-2017	L1	L1	
	19-Dec-2017	<u>L1</u>	<u>L1</u>	
	Total Positive:	0	0	0

Result Values: E - estimated L - less than G - greater than

Interpreting Sample Reports

In VIHA, the results of drinking water sampling are reported using the following coding system:

L1 Less than 1 (no detectable bacteria) - Meaning: No bacteria present

OG Overgrown - Meaning: Too many background bacteria to give an accurate count

EST Estimated Count

and

A Sample not tested; Too long in transit

C Sample leaked/broken in transit

D Sample not tested; No collection date given

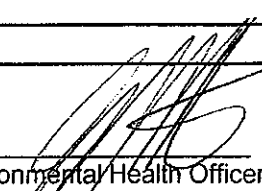
T Sample submitted unsatisfactory. Exceeded 30 hours holding time, please resample.

NS No sample received with requisition

Samples that contain total coliform:	0	0.00% of total
Samples that contain e. coli:	0	0.00% of total
Samples that contain fecal coliform:	0	0.00% of total
Number of positive samples in last 30 days:	0/1	
Total number of samples:	5	

Comments:

Source Water quality + sampling frequency dates in compliance


 Environmental Health Officer
 Jan 17, 2018

FOR FURTHER INFORMATION PLEASE CALL: Baratta, Joseph (250) 850-2110 Campbell River Office

Operator

Village Of Gold River
 PO BOX 610
 Gold River, BC
 V0P 1G0

(250) 283-2202

Facility Name: VILLAGE OF GOLD RIVER WATER SUPPLY
Facility Type: 301-10000 (DWT)
Date Range: Jan 1 2017 to Dec 31 2017
Date Created: Jan 16 2018

Sampling Site	Date Collected	Total Coliform	E. Coli	Fecal Coliform
<u>Well #2, Well #2,</u>				
<u>Source site, Monthly</u>				
	10-Jan-2017	L1	L1	
	07-Feb-2017	L1	L1	
	07-Mar-2017	L1	L1	
	04-Apr-2017	L1	L1	
	02-May-2017	L1	L1	
	30-May-2017	L1	L1	
	27-Jun-2017	L1	L1	
	08-Aug-2017	L1	L1	
	12-Sep-2017	L1	L1	
	03-Oct-2017	L1	L1	
	31-Oct-2017	L1	L1	
	28-Nov-2017	L1	L1	
	12-Dec-2017	<u>L1</u>	<u>L1</u>	
	Total Positive:	0	0	0

Result Values: E - estimated L - less than G - greater than

Interpreting Sample Reports

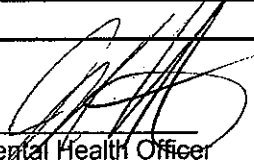
In VIHA, the results of drinking water sampling are reported using the following coding system:

- L1 Less than 1 (no detectable bacteria) - Meaning: No bacteria present
- OG Overgrown - Meaning: Too many background bacteria to give an accurate count
- EST Estimated Count
- and
- A Sample not tested; Too long in transit
- C Sample leaked/broken in transit
- D Sample not tested; No collection date given
- T Sample submitted unsatisfactory. Exceeded 30 hours holding time, please resample.
- NS No sample received with requisition

Samples that contain total coliform:	0	0.00% of total
Samples that contain e. coli:	0	0.00% of total
Samples that contain fecal coliform:	0	0.00% of total
Number of positive samples in last 30 days:	0/0	
Total number of samples:	13	

Comments:

Source water quality + sampling frequency in compliance.


 Environmental Health Officer
 Jan 17 2018

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Operator

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 PO BOX 610
 Gold River, BC
 V0P 1G0

(250) 283-2202

Facility Name: VILLAGE OF GOLD RIVER WATER SUPPLY
Facility Type: 301-10000 (DWT)
Date Range: Jan 1 2017 to Dec 31 2017
Date Created: Jan 16 2018

Sampling Site	Date Collected	Total Coliform	E. Coli	Fecal Coliform
<u>Well #3, Well #3.</u>				
<u>Source site, Monthly</u>				
	24-Jan-2017	L1	L1	
	14-Feb-2017	L1	L1	
	14-Mar-2017	L1	L1	
	11-Apr-2017	L1	L1	
	09-May-2017	L1	L1	
	06-Jun-2017	L1	L1	
	04-Jul-2017	L1	L1	
	25-Jul-2017	L1	L1	
	01-Aug-2017	L1	L1	
	29-Aug-2017	T		
	12-Sep-2017	L1	L1	
	10-Oct-2017	L1	L1	
	10-Oct-2017	L1	L1	
	07-Nov-2017	L1	L1	
	12-Dec-2017	L1	L1	
	19-Dec-2017	L1	L1	
	Total Positive:	0	0	0

Result Values: E - estimated L - less than G - greater than

Interpreting Sample Reports

In VIHA, the results of drinking water sampling are reported using the following coding system:

- L1 Less than 1 (no detectable bacteria) - Meaning: No bacteria present
- OG Overgrown - Meaning: Too many background bacteria to give an accurate count
- EST Estimated Count
- and
- A Sample not tested; Too long in transit
- C Sample leaked/broken in transit
- D Sample not tested; No collection date given
- T Sample submitted unsatisfactory. Exceeded 30 hours holding time, please resample.
- NS No sample received with requisition

Samples that contain total coliform:	0	0.00% of total
Samples that contain e. coli:	0	0.00% of total
Samples that contain fecal coliform:	0	0.00% of total
Number of positive samples in last 30 days:	0/1	
Total number of samples:	16	

Comments:

Source water quality + sampling frequency in compliance


Environmental Health Officer

Jan 17 2018

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Operator

Village Of Gold River
PO BOX 610
Gold River, BC
V0P 1G0

(250) 283-2202

Facility Name: VILLAGE OF GOLD RIVER WATER SUPPLY
Facility Type: 301-10000 (DWT)
Date Range: Jan 1 2017 to Dec 31 2017
Date Created: Jan 16 2018

Sampling Site	Date Collected	Total Coliform	E. Coli	Fecal Coliform
<u>Gold River Aquatic</u>				
<u>Centre, Aquatic</u>				
<u>Centre, Dist. site,</u>				
<u>Semi-monthly</u>				
	17-Jan-2017	L1	L1	
	07-Feb-2017	L1	L1	
	28-Feb-2017	L1	L1	
	07-Mar-2017	L1	L1	
	14-Mar-2017	L1	L1	
	11-Apr-2017	L1	L1	
	09-May-2017	L1	L1	
	23-May-2017	L1	L1	
	06-Jun-2017	L1	L1	
	27-Jun-2017	L1	L1	
	04-Jul-2017	L1	L1	
	18-Jul-2017	L1	L1	
	14-Aug-2017	A		
	22-Aug-2017	L1	L1	
	05-Sep-2017	L1	L1	
	19-Sep-2017	A		
	03-Oct-2017	L1	L1	
	24-Oct-2017	L1	L1	
	24-Oct-2017	L1	L1	
	07-Nov-2017	L1	L1	
	21-Nov-2017	L1	L1	
	28-Nov-2017	L1	L1	
	05-Dec-2017	<u>L1</u>	<u>L1</u>	
	Total Positive:	0	0	0

499 Muchalat Drive,
Fire Hall, Dist. site,
Semi-monthly

	03-Jan-2017	L1	L1	
	10-Jan-2017	L1	L1	
	31-Jan-2017	L1	L1	
	21-Feb-2017	L1	L1	
	28-Feb-2017	L1	L1	
	21-Mar-2017	L1	L1	
	28-Mar-2017	L1	L1	
	04-Apr-2017	L1	L1	
	18-Apr-2017	L1	L1	
	25-Apr-2017	L1	L1	
	02-May-2017	L1	L1	
	16-May-2017	L1	L1	
	13-Jun-2017	L1	L1	
	27-Jun-2017	L1	L1	
	11-Jul-2017	<u>L1</u>	L1	
	25-Jul-2017	L1	L1	

08-Aug-2017	L1	L1	
29-Aug-2017	T		
12-Sep-2017	L1	L1	
26-Sep-2017	L1	L1	
17-Oct-2017	L1	L1	
31-Oct-2017	L1	L1	
21-Nov-2017	L1	L1	
05-Dec-2017	<u>L1</u>	<u>L1</u>	
Total Positive:	0	0	0

Gold Rivre, Audit -
Aquatic Centre, Dist.
site, Monthly

17-Oct-2017	<u>L1</u>	<u>L1</u>	
Total Positive:	0	0	0

Result Values:

E - estimated

L - less than

G - greater than

Interpreting Sample Reports

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A Sample not tested; Too long in transit

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T Sample submitted unsatisfactory. Exceeded 30 hours holding time, please resample.

NS No sample received with requisition

North Island Laboratories

• 2755 B Moray Avenue, Courtenay, B.C. V9N 8M9 Tel: (250) 338 7786 Fax: (250) 338 7553

Certificate of Analysis

Report To: Village of Gold River
Gerry - STP operator

Lab Number: 95195
Date Reported: 25 May 12
Date Completed: 25 May 12
Date Received: 10 May 12 12:45

95195-01 Well 1

Sampled By: Gerry
Sampling Date: 9 May 12 0:00

Test	Result	Units	Drinking Water Guideline
Alkalinity	<20	mg/L (CaCO ₃)	
Total Ammonia (N)	<0.05	mg/L	
Chloride	3.2	mg/L	250 AO
Fluoride	<0.05	mg/L	1.5 MAC
Nitrate (N)	0.16	mg/L	10 MAC
Nitrite (N)	<0.05	mg/L	1 MAC
Sulphate	0.8	mg/L	500 AO
Colour - Apparent	<1	Colour Units	15
pH	7.1	pH Units	6.5-8.5
Conductivity	51	uS/cm	
Iron Bacteria	None Detected	cfu/mL	
Sulphur Bacteria	None Detected	cfu/mL	
Corrosivity	-2.3		
Total Coliforms (MF)	<1	CFU/100mL	<1
E. coli (MF)	<1	CFU/100mL	<1
Non-Coliform Background	<1	CFU/100mL	
Total Dissolved Solids	22	mg/L	500 AO
Total Nitrogen (N)	0.23	mg/L	
Total Organic Carbon	0.7	mg/L	
Total Organic Nitrogen	<0.1	mg/L	
Total Plate Count	3	CFU/ml	
T-Aluminium	0.006	mg/L	0.1 Operational Std
T-Antimony	<0.0002	mg/L	0.006 MAC
T-Arsenic	<0.0002	mg/L	0.010 MAC
T-Barium	0.003	mg/L	1.0 MAC
T-Beryllium	<0.00004	mg/L	
T-Boron	<0.005	mg/L	5 MAC

AO = Aesthetic Objective; MAC = Max. Allowable Concentration; IMAC = Interim MAC

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Canadian Drinking Water Guidelines as listed on Dec. 5th, 2005 and are subject to

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North Island Laboratories

• 2755 B Moray Avenue, Courtenay, B.C. V9N 8M9 Tel: (250) 338 7786 Fax: (250) 338 7553

95195-01 Well 1

Sampled By: Gerry

Sampling Date: 9 May 12 0:00

Test	Result	Units	Drinking Water Guideline
T-Bismuth	<0.001	mg/L	
T-Cadmium	<0.00001	mg/L	0.005 MAC
T-Calcium	6.28	mg/L	
T-Chromium	<0.0004	mg/L	0.05 MAC
T-Cobalt	0.00004	mg/L	
T-Copper	0.004	mg/L	1.0 AO
T-Iron	0.252	mg/L	0.3 AO
T-Lead	0.0001	mg/L	0.010 MAC
T-Lithium	<0.001	mg/L	
T-Magnesium	0.82	mg/L	
T-Manganese	<0.005	mg/L	0.05 AO
T-Molybdenum	<0.0001	mg/L	
T-Nickel	<0.001	mg/L	
T-Phosphorus	<0.01	mg/L	
T-Potassium	<0.1	mg/L	
T-Selenium	<0.0006	mg/L	0.01 MAC
T-Silicon	3.77	mg/L	
T-Silver	<0.00001	mg/L	
T-Sodium	2	mg/L	200 AO
T-Strontium	0.013	mg/L	
T-Thallium	<0.00001	mg/L	
T-Tin	<0.0001	mg/L	
T-Titanium	0.003	mg/L	
T-Uranium	<0.0004	mg/L	
T-Vanadium	0.0003	mg/L	
T-Zinc	0.002	mg/L	5.0 AO
Hardness (CaCO ₃)	19	mg/L	80-100
Turbidity	<0.5	NTU's	5 AO

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North Island Laboratories

• 2755 B Moray Avenue, Courtenay, B.C. V9N 8M9 Tel: (250) 338 7786 Fax: (250) 338 7553

95195-02 Well 2

Sampled By: Gerry

Sampling Date: 9 May 12 0:00

Test	Result	Units	Drinking Water Guideline
Alkalinity	<20	mg/L (CaCO ₃)	
Total Ammonia (N)	<0.05	mg/L	
Chloride	1.3	mg/L	250 AO
Fluoride	<0.05	mg/L	1.5 MAC
Nitrate (N)	0.08	mg/L	10 MAC
Nitrite (N)	<0.05	mg/L	1 MAC
Sulphate	1.1	mg/L	500 AO
Colour - Apparent	3	Colour Units	15
pH	7.1	pH Units	6.5-8.5
Conductivity	43	uS/cm	
Iron Bacteria	None Detected	cfu/mL	
Sulphur Bacteria	None Detected	cfu/mL	
Corrosivity	-1.5		
Total Coliforms (MF)	<1	CFU/100mL	<1
E. coli (MF)	<1	CFU/100mL	<1
Non-Coliform Background	<1	CFU/100mL	
Total Dissolved Solids	18	mg/L	500 AO
Total Nitrogen (N)	0.11	mg/L	
Total Organic Carbon	0.5	mg/L	
Total Organic Nitrogen	0.1	mg/L	
Total Plate Count	<3	CFU/ml	
T-Aluminium	<0.005	mg/L	0.1 Operational Std
T-Antimony	<0.0002	mg/L	0.006 MAC
T-Arsenic	<0.0002	mg/L	0.010 MAC
T-Barium	<0.001	mg/L	1.0 MAC
T-Beryllium	<0.00004	mg/L	
T-Boron	<0.005	mg/L	5 MAC
T-Bismuth	<0.001	mg/L	
T-Cadmium	<0.00001	mg/L	0.005 MAC
T-Calcium	5.54	mg/L	
T-Chromium	<0.0004	mg/L	0.05 MAC
T-Cobalt	0.00003	mg/L	
T-Copper	0.01	mg/L	1.0 AO
T-Iron	<0.01	mg/L	0.3 AO

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95195-02 Well 2

Sampled By: Gerry

Sampling Date: 9 May 12 0:00

Test	Result	Units	Drinking Water Guideline
T-Lead	0.0005	mg/L	0.010 MAC
T-Lithium	<0.001	mg/L	
T-Magnesium	0.92	mg/L	
T-Manganese	<0.005	mg/L	0.05 AO
T-Molybdenum	0.0009	mg/L	
T-Nickel	<0.001	mg/L	
T-Phosphorus	<0.01	mg/L	
T-Potassium	<0.1	mg/L	
T-Selenium	<0.0006	mg/L	0.01 MAC
T-Silicon	4.62	mg/L	
T-Silver	<0.00001	mg/L	
T-Sodium	1.28	mg/L	200 AO
T-Strontium	0.012	mg/L	
T-Thallium	<0.00001	mg/L	
T-Tin	<0.0001	mg/L	
T-Titanium	<0.001	mg/L	
T-Uranium	<0.0004	mg/L	
T-Vanadium	0.0005	mg/L	
T-Zinc	0.002	mg/L	5.0 AO
Hardness (CaCO3)	18	mg/L	80-100
Turbidity	<0.5	NTU's	5 AO

95195-03 Well 3

Sampled By: Gerry

Sampling Date: 9 May 12 0:00

Test	Result	Units	Drinking Water Guideline
Alkalinity	<20	mg/L (CaCO3)	
Total Ammonia (N)	<0.05	mg/L	
Chloride	1.3	mg/L	250 AO
Fluoride	<0.05	mg/L	1.5 MAC
Nitrate (N)	<0.05	mg/L	10 MAC
Nitrite (N)	<0.05	mg/L	1 MAC
Sulphate	1.1	mg/L	500 AO

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95195-03 Well 3

Sampled By: Gerry

Sampling Date: 9 May 12 0:00

Test	Result	Units	Drinking Water Guideline
Colour - Apparent	3	Colour Units	15
pH	7.4	pH Units	6.5-8.5
Conductivity	47	uS/cm	
Iron Bacteria	None Detected	cfu/mL	
Sulphur Bacteria	None Detected	cfu/mL	
Corrosivity	-1.4		
Total Coliforms (MF)	<1	CFU/100mL	<1
E. coli (MF)	<1	CFU/100mL	<1
Non-Coliform Background	<1	CFU/100mL	
Total Dissolved Solids	26	mg/L	500 AO
Total Nitrogen (N)	0.09	mg/L	
Total Organic Carbon	0.5	mg/L	
Total Organic Nitrogen	0.09	mg/L	
Total Plate Count	<3	CFU/ml	
T-Aluminium	<0.005	mg/L	0.1 Operational Std
T-Antimony	<0.0002	mg/L	0.006 MAC
T-Arsenic	<0.0002	mg/L	0.010 MAC
T-Barium	<0.001	mg/L	1.0 MAC
T-Beryllium	<0.00004	mg/L	
T-Boron	<0.005	mg/L	5 MAC
T-Bismuth	<0.001	mg/L	
T-Cadmium	<0.00001	mg/L	0.005 MAC
T-Calcium	6.22	mg/L	
T-Chromium	<0.0004	mg/L	0.05 MAC
T-Cobalt	0.00002	mg/L	
T-Copper	0.004	mg/L	1.0 AO
T-Iron	0.012	mg/L	0.3 AO
T-Lead	0.0002	mg/L	0.010 MAC
T-Lithium	<0.001	mg/L	
T-Magnesium	1.09	mg/L	
T-Manganese	<0.005	mg/L	0.05 AO
T-Molybdenum	0.001	mg/L	
T-Nickel	<0.001	mg/L	
T-Phosphorus	<0.01	mg/L	

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95195-03 Well 3

Sampled By: Gerry

Sampling Date: 9 May 12 0:00

Test	Result	Units	Drinking Water Guideline
T-Potassium	<0.1	mg/L	
T-Selenium	<0.0006	mg/L	0.01 MAC
T-Silicon	4.66	mg/L	
T-Silver	<0.00001	mg/L	
T-Sodium	1.44	mg/L	200 AO
T-Strontium	0.012	mg/L	
T-Thallium	<0.00001	mg/L	
T-Tin	<0.0001	mg/L	
T-Titanium	0.004	mg/L	
T-Uranium	<0.0004	mg/L	
T-Vanadium	0.0007	mg/L	
T-Zinc	0.004	mg/L	5.0 AO
Hardness (CaCO3)	20	mg/L	80-100
Turbidity	<0.5	NTU's	5 AO

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