

DRINKING WATER SYSTEM ANNUAL REPORT			
Reporting Period:	January 1 <sup>st</sup> to Decem	nber 31 <sup>st</sup> , (year)	
Water System			
Water System Owner			
Primary Contact Name (Operator or Manager)			
Phone Number (Operator or Manager)			
E-mail (Operator or Manager)			
DESCRIBE YOUR WATER SUPPLY SYSTEM			
What is the Source(s) of Raw Water?			
Deep Well Shallow Well	Surface Water	Other	
If other, specify details:			
Does the Drinking Water System have Primo	ary Disinfection?	Yes	□No
Chlorination Ultraviolet Light	Ozone	Other	
If other, specify details:			
Does the Drinking Water System have Secon	ndary Disinfection?	Yes	□No
Chlorination Other			
If other, specify details:			
Does the Drinking Water System have Filtra	tion?	Yes	□No
Check all boxes that apply	_	_	
Cartridge Filter(s) Carbon Filter	Sand Filtration	Reverse Osmosis	Other
If other, specify details:			
PUBLIC REPORTING			
Emergency Response & Contingency Plan (E			
Is your ERCP up to Date?	∐Yes	∐No	
How do you Inform the System Users of the			
Hand Delivered Bulletin Board	Newspaper	Utility Bill Insert	Website
Other (specify details) CVRD Engineerin	ng Services, 175 Ingra	m Street, Duncan, BC	
Drinking Water System Annual Report			
How do you Inform the System Users of the	_	Dunin Switz	
Hand Delivered Bulletin Board	Newspaper	Utility Bill Insert	Website
Other (specify details)			



	MIT			
ist the conditions of your Ope	rating Permit (Contact the DW	O for a copy	if needed):	
Are you in compliance with yo	ur Operating Permit?	Ye	S	No
BACTERIOLOGICAL TESTING AND DR	INKING WATER PROTECTION REGUI	LATION WATER	Quality Stan	DARDS
How many bacteriological san	nples were collected during thi	s reporting p	eriod?	
What is the minimum required	I sampling frequency for this sy	ystem? (#san	nples/month)	
Additional campling details:				
Additional Sampling details.			S	□No
<u> </u>	mpling frequency achieved?	∐Ye		
Was the minimum required sa	mpling frequency achieved?	Ye		
Was the minimum required sa Comments: Bacteriological summary attac	ched to this report?	Ye		□No
Was the minimum required sa Comments: Bacteriological summary attac If no, how do the users of the s	thed to this report? System view the results?			□No
Was the minimum required sa Comments: Bacteriological summary attac If no, how do the users of the s WATER QUALITY STANDARDS FOR F	thed to this report? System view the results?		S	□No stem meet standard?
Was the minimum required sa Comments: Bacteriological summary attack If no, how do the users of the sa WATER QUALITY STANDARDS FOR F Parameter: Escherichia coli (for all samples)	ched to this report? System view the results? POTABLE WATER	Ye	S	
Additional sampling details:  Was the minimum required sa  Comments:  Bacteriological summary attack  If no, how do the users of the sa  WATER QUALITY STANDARDS FOR F  Parameter:  Escherichia coli  (for all samples)  Total Coliform Bacteria  (if only 1 sample collected in a 30 day period)	ched to this report? System view the results? POTABLE WATER Standard:	Ye	Did this sys	stem meet standard?
Was the minimum required sa Comments: Bacteriological summary attack If no, how do the users of the sa WATER QUALITY STANDARDS FOR F Parameter: Escherichia coli (for all samples) Total Coliform Bacteria (if only 1 sample collected in a 30 day period) Total Coliform Bacteria (if more than 1 sample collected in a	Ched to this report?  System view the results?  POTABLE WATER  Standard:  No detectable Escherichia coli per 1  No detectable total coliform bacteri  No more than 10% of samples contacoliform bacteria, and No sample ha	O0ml  a per 100ml  ain total as more than	Did this sys	stem meet standard?
Was the minimum required sa Comments:  Bacteriological summary attack  If no, how do the users of the sa WATER QUALITY STANDARDS FOR F Parameter:  Escherichia coli (for all samples)  Total Coliform Bacteria (if only 1 sample collected in a 30 day period)  Total Coliform Bacteria (if more than 1 sample collected in a 30 day period)  If the system did not meet any	Ched to this report?  System view the results?  POTABLE WATER  Standard:  No detectable Escherichia coli per 1  No detectable total coliform bacteri  No more than 10% of samples contacoliform bacteria, and No sample had 10 total coliform bacteria per 100m  Tof above Drinking Water Protes	O0ml  a per 100ml  ain total as more than	Did this sys	stem meet standard?  No  No
Was the minimum required san Comments: Bacteriological summary attack If no, how do the users of the san WATER QUALITY STANDARDS FOR F Parameter: Escherichia coli (for all samples) Total Coliform Bacteria (if only 1 sample collected in a 30 day period) Total Coliform Bacteria (if more than 1 sample collected in a 30 day period)	Ched to this report?  System view the results?  POTABLE WATER  Standard:  No detectable Escherichia coli per 1  No detectable total coliform bacteri  No more than 10% of samples contacoliform bacteria, and No sample had 10 total coliform bacteria per 100m  Tof above Drinking Water Protes	O0ml  a per 100ml  ain total as more than	Did this sys	stem meet standard?  No  No



Was any cher						
	nical sampling	conducted durii	ng reporting period	?	⁄es	No
If no, when w	ere the last che	emical samples	conducted for this s	ystem? (date)		Don't know
If yes, attach	a list of the che	emical results			ļ	
	-	meet the Guide	elines for Canadian necessary.	Drinking Water Qu	ality, record	the results in
Next schedule	ed full chemical	<i>l test (</i> date)				
Parameter	Result	Corrective A	Action / Treatment ,	' Comments		
Additional Tes	STING					
Does the syste	em have analyz	zers for continue	ous monitoring?	Yes	□N	0
If yes, check a	ıll boxes that a	pply:				
Chlorine	□Tu	rbidity	Other (details)			
Are the result	s available on	request?	UV alarm			
	_	ampling was co	nducted, record res	ults in the table be	low; attach a	dditional
sheets if nece	_		corrective Action		low; attach a	dditional
sheets if nece	ssary.				low; attach a	dditional
sheets if nece	ssary.				low; attach a	dditional
sheets if nece	ssary.				low; attach a	dditional
sheets if nece	ssary.				low; attach a	dditional
sheets if nece	ssary.				low; attach a	dditional
Sheets if neces  Additional Te	ssary. sting & Reason	for Sampling	Corrective Actio		low; attach a	
WATER QUALIT Were there as period? (e.g. 1	sting & Reason  Y COMPLAINTS  The water quality taste, odour, co	for Sampling  by complaints in plour etc.)	Corrective Actio	n Taken		
WATER QUALIT Were there ar period? (e.g. 1)	sting & Reason  Y COMPLAINTS  ny water qualit taste, odour, co	for Sampling  by complaints in plour etc.)	this reporting	n Taken		
WATER QUALIT Were there are period? (e.g. to	sting & Reason  Y COMPLAINTS  ny water qualit taste, odour, co	for Sampling  by complaints in plour etc.)	this reporting	Taken  Yes		
WATER QUALIT Were there are period? (e.g. to	sting & Reason  Y COMPLAINTS  ny water qualit taste, odour, co	for Sampling  by complaints in plour etc.)	this reporting	Taken  Yes		



OPERATIONAL PR	OBLEMS					
Were there any operational problems during this reporting  period? (e.g. insufficient water supply, malfunction of						
If yes, complete the table below; attach additional sheets if necessary.						
Incident Date	Type of Operational	Problem	Correc	tive Actio	on Taken	n
Major Upgrade	ES/REPAIRS & EXPENSES					
	y major upgrades/rep g this reporting period	-	ajor cos	its	∐Yes	s No
If yes, complete	e the table below; att	ach addition	al sheet:	s if necess	ary.	
Major Upgrade	es/Expenses	Details				
Improvements	required by DWO					
Additions/chan	iges to system					
Purchase or ins	tall new equipment					
Equipment rep	air or replacement					
Annual mainter	nance of system					
Specialist repor	rt					
Other						
FUTURE IMPROVE	EMENTS					<u></u>
Are there any p	olans for future impro	vements?			Yes	S No
If yes, complete	e the table below; att	ach addition	al sheet:	s if necess	ary.	
Future Upgrad	es or Improvements					Estimated Date of Completion
Click here to				COMPLETEI	n Rv•	
DATE CONTPLETED	J.			CONTRE	וט כ.	

Future upgrades or improvements	Estimated date of Completion
Well #4 online	2020
Communications between stations	2020
Cypress, Lupin, water main upgrade design	2020
Decommission WTP when new well is on-line	2020/2021
Dam assessment - decommission	2020/2021
Cypress Road main replacement	2020/2021
Arnold Road Booster Station upgrades	2020/2021
Groundwater monitoring (data collection) all wells	2020



# YOUBOU WATER SYSTEM

**Facility Location:** Youbou Community Lane Youbou

**Facility Information:** Facility Type: 301-10000 DWT

# **Facility Sampling History:**

Location	Date	Total Coliform	E.Coli
S-12 9696 Creekside Road, S-12 9696 Creekside Road	17-Dec-2018	L1	L1
S-15 Youbou Reservoir, Youbou Reservoir	10-Dec-2018	L1	L1
S-3 Intersection of Coon Creek and Willow Road, Intersection of Coon Creek and Willow Road	10-Dec-2018	L1	L1
S-5 8131 Sa-Seen-Os Road, 8131 Sa-Seen-Os Road	5-Dec-2018	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	3-Dec-2018	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	26-Nov-2018	L1	L1
S-15 Youbou Reservoir, Youbou Reservoir	26-Nov-2018	L1	L1
S-14 9314 Creekside Drive, Youbou	19-Nov-2018	L1	L1
S-7 Arnold Road PRV/Booster Station, S-7 Arnold Road PRV/Booster	19-Nov-2018	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	13-Nov-2018	L1	L1
S-3 Intersection of Coon Creek and Willow Road, Intersection of Coon Creek and Willow Road	13-Nov-2018	L1	L1
S-14 9314 Creekside Drive, Youbou	5-Nov-2018	L1	L1
S-5 8131 Sa-Seen-Os Road, 8131 Sa-Seen-Os Road	5-Nov-2018	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	30-Oct-2018	L1	L1
S-14 9314 Creekside Drive, Youbou	22-Oct-2018	L1	L1
S-15 Youbou Reservoir, Youbou Reservoir	22-Oct-2018	L1	L1



S-12 9696 Creekside Road, S-12 9696 Creekside Road	17-Oct-2018	L1	L1
S-7 Arnold Road PRV/Booster Station, S-7 Arnold Road PRV/Booster	17-Oct-2018	L1	L1
S-14 9314 Creekside Drive, Youbou	9-Oct-2018	L1	L1
S-3 Intersection of Coon Creek and Willow Road, Intersection of Coon Creek and Willow Road	9-Oct-2018	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	1-Oct-2018	L1	L1
S-5 8131 Sa-Seen-Os Road, 8131 Sa-Seen-Os Road	1-Oct-2018	L1	L1
S-14 9314 Creekside Drive, Youbou	24-Sep-2018	L1	L1
S-15 Youbou Reservoir, Youbou Reservoir	24-Sep-2018	L1	L1
S-14 9314 Creekside Drive, Youbou	17-Sep-2018	L1	L1
S-7 Arnold Road PRV/Booster Station, S-7 Arnold Road PRV/Booster	17-Sep-2018	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	10-Sep-2018	L1	L1
S-3 Intersection of Coon Creek and Willow Road, Intersection of Coon Creek and Willow Road	10-Sep-2018	L1	L1
S-14 9314 Creekside Drive, Youbou	4-Sep-2018	L1	L1
S-5 8131 Sa-Seen-Os Road, 8131 Sa-Seen-Os Road	4-Sep-2018	L1	L1
S-1 10705 YOUBOU ROAD, 10705 Youbou Road	27-Aug-2018	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	27-Aug-2018	L1	L1
S-14 9314 Creekside Drive, Youbou	20-Aug-2018	L1	L1
S-15 Youbou Reservoir, Youbou Reservoir	20-Aug-2018	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	13-Aug-2018	L1	L1
S-3 Intersection of Coon Creek and Willow Road, Intersection of Coon Creek and Willow Road	13-Aug-2018	L1	L1
S-14 9314 Creekside Drive, Youbou	7-Aug-2018	L1	L1
S-7 Arnold Road PRV/Booster Station, S-7 Arnold Road PRV/Booster	7-Aug-2018	L1	L1
S-1 10705 Youbou Road, 10705 Youbou Road	30-Jul-2018	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	30-Jul-2018	L1	L1
S-5 8131 Sa-Seen-Os Road, 8131 Sa-Seen-Os Road	25-Jul-2018	L1	L1
S-14 9314 Creekside Drive, Youbou	24-Jul-2018	L1	L1
S-15 Youbou Reservoir, Youbou Reservoir	24-Jul-2018	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	17-Jul-2018	L1	L1



S-3 Intersection of Coon Creek and Willow Road, Intersection of Coon Creek and Willow Road	17-Jul-2018	L1	L1
S-14 9314 Creekside Drive, Youbou	9-Jul-2018	L1	L1
S-5 8131 Sa-Seen-Os Road, 8131 Sa-Seen-Os Road	9-Jul-2018	L1	L1
S-1 10705 Youbou Road, 10705 Youbou Road	3-Jul-2018	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	3-Jul-2018	L1	L1
S-1 10705 Youbou Road, 10705 Youbou Road	26-Jun-2018	L1	L1
S-14 9314 Creekside Drive, Youbou	26-Jun-2018	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	19-Jun-2018	L1	L1
S-15 Youbou Reservoir, Youbou Reservoir	19-Jun-2018	L1	L1
S-14 9314 Creekside Drive, Youbou	13-Jun-2018	L1	L1
S-7 Arnold Road PRV/Booster Station, S-7 Arnold Road PRV/Booster	13-Jun-2018	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	5-Jun-2018	L1	L1
S-3 Intersection of Coon Creek and Willow Road, Intersection of Coon Creek and Willow Road	5-Jun-2018	L1	L1
S-14 9314 Creekside Drive, Youbou	22-May-2018	L1	L1
S-1 10705 Youbou Road, 10705 Youbou Road	15-May-2018	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	15-May-2018	L1	L1
S-14 9314 Creekside Drive, Youbou	8-May-2018	L1	L1
S-5 8131 Sa-Seen-Os Road, 8131 Sa-Seen-Os Road	8-May-2018	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	1-May-2018	L1	L1
S-3 Intersection of Coon Creek and Willow Road, Intersection of Coon Creek and Willow Road	1-May-2018	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	23-Apr-2018	L1	L1
S-14 9314 Creekside Drive, Youbou	17-Apr-2018	L1	L1
S-15 Youbou Reservoir, Youbou Reservoir	17-Apr-2018	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	9-Apr-2018	L1	L1
S-3 Intersection of Coon Creek and Willow Road, Intersection of Coon Creek and Willow Road	9-Apr-2018	L1	L1
S-14 9314 Creekside Drive, Youbou	4-Apr-2018	L1	L1
S-7 Arnold Road PRV/Booster Station, S-7 Arnold Road PRV/Booster	4-Apr-2018	L1	L1



S-12 9696 Creekside Road, S-12 9696 Creekside Road	26-Mar-2018	L1	L1
S-14 9314 Creekside Drive, Youbou	20-Mar-2018	L1	L1
S-7 Arnold Road PRV/Booster Station, S-7 Arnold Road PRV/Booster	20-Mar-2018	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	14-Mar-2018	L1	L1
S-3 Intersection of Coon Creek and Willow Road, Intersection of Coon Creek and Willow Road	14-Mar-2018	L1	L1
S-14 9314 Creekside Drive, Youbou	6-Mar-2018	L1	L1
S-5 8131 Sa-Seen-Os Road, 8131 Sa-Seen-Os Road	6-Mar-2018	L1	L1
S-1 10705 Youbou Road, 10705 Youbou Road	27-Feb-2018	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	27-Feb-2018	L1	L1
S-14 9314 Creekside Drive, Youbou	19-Feb-2018	L1	L1
S-15 Youbou Reservoir, Youbou Reservoir	19-Feb-2018	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	13-Feb-2018	L1	L1
S-3 Intersection of Coon Creek and Willow Road, Intersection of Coon Creek and Willow Road	13-Feb-2018	L1	L1
S-14 9314 Creekside Drive, Youbou	6-Feb-2018	L1	L1
S-5 8131 Sa-Seen-Os Road, 8131 Sa-Seen-Os Road	6-Feb-2018	L1	L1
S-14 9314 Creekside Drive, Youbou	22-Jan-2018	L1	L1
S-7 Arnold Road PRV/Booster Station, S-7 Arnold Road PRV/Booster	22-Jan-2018	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	15-Jan-2018	L1	L1
S-3 Intersection of Coon Creek and Willow Road, Intersection of Coon Creek and Willow Road	15-Jan-2018	L1	L1
S-14 9314 Creekside Drive, Youbou	9-Jan-2018	L1	L1
S-5 8131 Sa-Seen-Os Road, 8131 Sa-Seen-Os Road	9-Jan-2018	L1	L1
S-1 10705 Youbou Road, 10705 Youbou Road	3-Jan-2018	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	3-Jan-2018	L1	L1

Alkalinity (total, as C	aCO3)	Sampling Point Name	Criteria	
06/14/2018 10:53	55.1 mg/L	Youbou Creek		
06/14/2018 10:57	31.6 mg/L	S8-8242 Price Rd (Lakeside)		
Aluminum (total)		Sampling Point Name	Criteria	
06/14/2018 10:53	0.011 mg/L	Youbou Creek	<=0.1	Operational - Conventional
06/14/2018 10:57	< 0.010 mg/L	S8-8242 Price Rd (Lakeside)	<=0.1	Operational - Conventional
Ammonia (total, as N	)	Sampling Point Name	Criteria	
06/14/2018 10:53	, < 0.0050 mg/L	Youbou Creek		
06/14/2018 10:57	< 0.0050 mg/L	S8-8242 Price Rd (Lakeside)		
Antimony (total)		Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.00050 mg/L	Youbou Creek	<=0.006	MAC
06/14/2018 10:57	< 0.00050 mg/L	S8-8242 Price Rd (Lakeside)	<=0.006	MAC
Arsenic (total)		Sampling Point Name	Criteria	
06/14/2018 10:53	0.00017 mg/L	Youbou Creek	<=0.010	MAC
06/14/2018 10:57	0.00027 mg/L	S8-8242 Price Rd (Lakeside)	<=0.010	MAC
Background Bacteria		Sampling Point Name	Criteria	
06/14/2018 10:53	< 1 CFU/100ml	Youbou Creek	<=200, OG	User-Defined
06/14/2018 10:57	< 1 CFU/100ml	S8-8242 Price Rd (Lakeside)	<=200, OG	User-Defined
Barium (total)		Sampling Point Name	Criteria	
06/14/2018 10:53	0.011 mg/L	Youbou Creek	<=1.0	MAC
06/14/2018 10:57	0.016 mg/L	S8-8242 Price Rd (Lakeside)	<=1.0	MAC
Beryllium (total)		Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.0050 mg/L	Youbou Creek		
06/14/2018 10:57	< 0.0050 mg/L	S8-8242 Price Rd (Lakeside)		
Bismuth (total)		Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.20 mg/L	Youbou Creek		

Diamenth (total)		Compline Daint Name	Cuitouio	
Bismuth (total)		Sampling Point Name S8-8242 Price Rd	Criteria	
06/14/2018 10:57	< 0.20 mg/L	(Lakeside)		
Boron (total)		Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.10 mg/L	Youbou Creek	<=5	MAC
06/14/2018 10:57	< 0.10 mg/L	S8-8242 Price Rd (Lakeside)	<=5	MAC
Bromide		Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.050 mg/L	Youbou Creek		
06/14/2018 10:57	< 0.050 mg/L	S8-8242 Price Rd (Lakeside)		
Bromochloroacetic a	cid	Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.0010 mg/L	Youbou Creek		
06/14/2018 10:57	< 0.0010 mg/L	S8-8242 Price Rd (Lakeside)		
08/01/2018 14:10	0.0016 mg/L	S8-8242 Price Rd (Lakeside)		
Bromodichlorometha	ane (dichlorobromomethane)	Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.0010 mg/L	Youbou Creek		
		S8-8242 Price Rd		
06/14/2018 10:57	0.0013 mg/L	(Lakeside)		
06/14/2018 10:57 08/01/2018 14:10	0.0013 mg/L 0.0017 mg/L			
08/01/2018 14:10 <b>Bromoform</b>	· ·	(Lakeside) S8-8242 Price Rd	Criteria	
08/01/2018 14:10	· ·	(Lakeside) S8-8242 Price Rd (Lakeside) Sampling Point Name Youbou Creek	Criteria	
08/01/2018 14:10 <b>Bromoform</b>	0.0017 mg/L	(Lakeside) S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek S8-8242 Price Rd (Lakeside)	Criteria	
08/01/2018 14:10 <b>Bromoform</b> 06/14/2018 10:53	0.0017 mg/L < 0.0010 mg/L	(Lakeside) S8-8242 Price Rd (Lakeside) Sampling Point Name Youbou Creek S8-8242 Price Rd	Criteria	
08/01/2018 14:10 <b>Bromoform</b> 06/14/2018 10:53 06/14/2018 10:57	0.0017 mg/L < 0.0010 mg/L < 0.0010 mg/L	(Lakeside) S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek S8-8242 Price Rd (Lakeside) S8-8242 Price Rd	Criteria Criteria	
08/01/2018 14:10 <b>Bromoform</b> 06/14/2018 10:53 06/14/2018 10:57 08/01/2018 14:10	0.0017 mg/L < 0.0010 mg/L < 0.0010 mg/L	(Lakeside) S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek S8-8242 Price Rd (Lakeside) S8-8242 Price Rd (Lakeside) S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek		MAC
08/01/2018 14:10 <b>Bromoform</b> 06/14/2018 10:53 06/14/2018 10:57 08/01/2018 14:10 <b>Cadmium (total)</b>	0.0017 mg/L  < 0.0010 mg/L  < 0.0010 mg/L  < 0.0010 mg/L	(Lakeside) S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek S8-8242 Price Rd (Lakeside) S8-8242 Price Rd (Lakeside) S8-8242 Price Rd (Lakeside) Sampling Point Name	Criteria	MAC MAC
08/01/2018 14:10 <b>Bromoform</b> 06/14/2018 10:53 06/14/2018 10:57 08/01/2018 14:10 <b>Cadmium (total)</b> 06/14/2018 10:53	0.0017 mg/L  < 0.0010 mg/L  < 0.0010 mg/L  < 0.0010 mg/L  < 0.00020 mg/L  < 0.00020 mg/L	(Lakeside) S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek S8-8242 Price Rd (Lakeside) S8-8242 Price Rd (Lakeside) Sampling Point Name Youbou Creek S8-8242 Price Rd	Criteria <=0.005	-
08/01/2018 14:10 <b>Bromoform</b> 06/14/2018 10:53 06/14/2018 10:57 08/01/2018 14:10 <b>Cadmium (total)</b> 06/14/2018 10:53 06/14/2018 10:57	0.0017 mg/L  < 0.0010 mg/L  < 0.0010 mg/L  < 0.0010 mg/L  < 0.00020 mg/L	(Lakeside) S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek S8-8242 Price Rd (Lakeside) S8-8242 Price Rd (Lakeside) Sampling Point Name Youbou Creek S8-8242 Price Rd (Lakeside)	<b>Criteria</b> <=0.005 <=0.005	-

Chloride		Sampling Point Name	Criteria	
06/14/2018 10:53	1.17 mg/L	Youbou Creek	<=250	AO
06/14/2018 10:57	2.05 mg/L	S8-8242 Price Rd (Lakeside)	<=250	AO
Chloroform		Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.0010 mg/L	Youbou Creek		
06/14/2018 10:57	0.0054 mg/L	S8-8242 Price Rd (Lakeside)		
08/01/2018 14:10	0.0110 mg/L	S8-8242 Price Rd (Lakeside)		
Chromium (total)		Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.0020 mg/L	Youbou Creek	<=0.05	MAC
06/14/2018 10:57	< 0.0020 mg/L	S8-8242 Price Rd (Lakeside)	<=0.05	MAC
Cobalt (total)		Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.010 mg/L	Youbou Creek		
06/14/2018 10:57	< 0.010 mg/L	S8-8242 Price Rd (Lakeside)		
Colour		Sampling Point Name	Criteria	
06/14/2018 10:53	< 5.0 TCU	Youbou Creek	<=15	AO
06/14/2018 10:57	< 5.0 TCU	S8-8242 Price Rd (Lakeside)	<=15	AO
Conductivity		Sampling Point Name	Criteria	
06/14/2018 10:53	117 uS/cm	Youbou Creek		
06/14/2018 10:57	72.5 uS/cm	S8-8242 Price Rd (Lakeside)		
Copper (total)		Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.0010 mg/L	Youbou Creek	<=1.0	AO
06/14/2018 10:57	0.0103 mg/L	S8-8242 Price Rd (Lakeside)	<=1.0	AO
Dibromoacetic acid		Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.0010 mg/L	Youbou Creek		
06/14/2018 10:57	< 0.0010 mg/L	S8-8242 Price Rd (Lakeside)		
08/01/2018 14:10	< 0.0010 mg/L	S8-8242 Price Rd (Lakeside)		

	e (Chlorodibromomethane		Criteria	
06/14/2018 10:53	< 0.0010 mg/L	Youbou Creek		
06/14/2018 10:57	< 0.0010 mg/L	S8-8242 Price Rd (Lakeside)		
08/01/2018 14:10	< 0.0010 mg/L	S8-8242 Price Rd (Lakeside)		
Dichloroacetic acid		Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.0010 mg/L	Youbou Creek		
06/14/2018 10:57	0.0033 mg/L	S8-8242 Price Rd (Lakeside)		
08/01/2018 14:10	0.0043 mg/L	S8-8242 Price Rd (Lakeside)		
Escherichia coli / E. co	oli (counts)	Sampling Point Name	Criteria	
	,	. •		Microbiological
06/14/2018 10:53	< 1 counts/100ml	Youbou Creek	<=0, P	Standard
06/14/2018 10:57	< 1 counts/100ml	S8-8242 Price Rd (Lakeside)	<=0, P	Microbiological Standard
Fecal (thermal tolerant	) Coliforms (counts)	Sampling Point Name	Criteria	
06/14/2018 10:53	< 1 counts/100ml	Youbou Creek	<=0, OG	Microbiological Standard
06/14/2018 10:57	< 1 counts/100ml	S8-8242 Price Rd (Lakeside)	<=0, OG	Microbiological Standard
Fluoride		Sampling Point Name	Criteria	
06/14/2018 10:53	0.037 mg/L	Youbou Creek	<=1.5	MAC
06/14/2018 10:57	< 0.020 mg/L	S8-8242 Price Rd (Lakeside)	<=1.5	MAC
Haloacetic acids 5 / HA	Δ5	Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.0054 mg/L	Youbou Creek	<=0.08	MAC
06/14/2018 10:57	0.0057 mg/L	S8-8242 Price Rd	<=0.08	MAC
	· ·	(Lakeside) S8-8242 Price Rd		
08/01/2018 14:10	0.0103 mg/L	(Lakeside)	<=0.08	MAC
Hardness (total, as Ca	CO3)	Sampling Point Name	Criteria	
06/14/2018 10:53	56.4 mg/L	Youbou Creek		
06/14/2018 10:57	32.8 mg/L	S8-8242 Price Rd (Lakeside)		
Heterotrophic Plate Co	ount / HPC	Sampling Point Name	Criteria	
* 06/14/2018 10:53	800 CFU/100ml	Youbou Creek	<=500	User-Defined



Heterotrophic Plate	Count / HPC	Sampling Point Name	Criteria	
06/14/2018 10:57	200 CFU/100ml	S8-8242 Price Rd (Lakeside)	<=500	User-Defined
Iron (total)		Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.030 mg/L	Youbou Creek	<=0.3	AO
06/14/2018 10:57	< 0.030 mg/L	S8-8242 Price Rd (Lakeside)	<=0.3	AO
Iron Bacteria (MPN /	PA)	Sampling Point Name	Criteria	
06/14/2018 10:53	SC	Youbou Creek		
06/14/2018 10:57	SC	S8-8242 Price Rd (Lakeside)		
Langelier Index		Sampling Point Name	Criteria	
06/14/2018 10:53	-0.47	Youbou Creek		
06/14/2018 10:57	-1.1	S8-8242 Price Rd		
00/14/2010 10.07	-1.1	(Lakeside)		
Langelier Index (@ 2	20 C)	Sampling Point Name	Criteria	
06/14/2018 10:53	12.2	Youbou Creek	31100110	
06/14/2018 10:57	14.5	S8-8242 Price Rd		
00/14/2010 10.57	14.5	(Lakeside)		
Lead (total)		Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.00050 mg/L	Youbou Creek	<=0.005	MAC
06/14/2018 10:57	ŭ	S8-8242 Price Rd	<=0.005	MAC
00/14/2016 10.57	< 0.00050 mg/L	(Lakeside)	<=0.005	IVIAC
Lithium (total)		Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.010 mg/L	Youbou Creek	Ontona	
	· ·	S8-8242 Price Rd		
06/14/2018 10:57	< 0.010 mg/L	(Lakeside)		
Magnesium (total)		Sampling Point Name	Criteria	
06/14/2018 10:53	2.11 mg/L	Youbou Creek	Gilloria	
06/14/2018 10:57	0.82 mg/L	S8-8242 Price Rd		
00/14/2016 10.5/	0.62 Hg/L	(Lakeside)		
Manganese (total)		Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.0020 mg/L	Youbou Creek	<=0.12	MAC
06/14/2018 10:57	< 0.0020 mg/L	S8-8242 Price Rd	<=0.12	MAC
00/14/2010 10.3/	< 0.0020 Hig/L	(Lakeside)	<b>\-</b> 0.12	IVIAC
Mercury (total)		Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.00020 mg/L	Youbou Creek	<=0.001	MAC
00/17/2010 10:00	5.50020 mg/L	1 Sabou Sicon	. 0.001	1417 1.0



Mercury (total)		Sampling Point Name	Criteria	
06/14/2018 10:57	< 0.00020 mg/L	S8-8242 Price Rd (Lakeside)	<=0.001	MAC
Molybdenum (total)		Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.030 mg/L	Youbou Creek		
06/14/2018 10:57	< 0.030 mg/L	S8-8242 Price Rd (Lakeside)		
Monobromoacetic acid	d	Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.0010 mg/L	Youbou Creek		
06/14/2018 10:57	< 0.0010 mg/L	S8-8242 Price Rd (Lakeside)		
08/01/2018 14:10	< 0.0010 mg/L	S8-8242 Price Rd (Lakeside)		
Monochloroacetic acid	d	Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.0050 mg/L	Youbou Creek		
06/14/2018 10:57	< 0.0050 mg/L	S8-8242 Price Rd (Lakeside)		
08/01/2018 14:10	< 0.0050 mg/L	S8-8242 Price Rd (Lakeside)		
Nickel (total)		Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.050 mg/L	Youbou Creek		
06/14/2018 10:57	< 0.050 mg/L	S8-8242 Price Rd (Lakeside)		
Nitrate (as N)		Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.0050 mg/L	Youbou Creek	<=10	MAC
06/14/2018 10:57	0.0199 mg/L	S8-8242 Price Rd (Lakeside)	<=10	MAC
Nitrate + Nitrite (as N)		Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.0051 mg/L	Youbou Creek	<=10	User-Defined
06/14/2018 10:57	0.0199 mg/L	S8-8242 Price Rd	<=10	User-Defined
00/14/2010 10.57	0.0199 Hig/L	(Lakeside)	<b>\-</b> 10	Oser-Defined
Nitrite (as N)		Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.0010 mg/L	Youbou Creek	<=1	MAC
06/14/2018 10:57	< 0.0010 mg/L	S8-8242 Price Rd (Lakeside)	<=1	MAC
рН		Sampling Point Name	Criteria	
06/14/2018 10:53	7.19	Youbou Creek		

Report created on 06/19/2019 9:26:52 AM

pH		Sampling Point Name	Criteria		
06/14/2018 10:53	7.95	Youbou Creek			
06/14/2018 10:57	7.72	S8-8242 Price Rd			
		(Lakeside) S8-8242 Price Rd			
06/14/2018 10:57	6.72	(Lakeside)			
Dhaanhamia (tatal)		Compline Daint Name	Cuitouio		
Phosphorus (total) 06/14/2018 10:53	< 0.30 mg/L	Sampling Point Name Youbou Creek	Criteria		
	· ·	S8-8242 Price Rd			
06/14/2018 10:57	< 0.30 mg/L	(Lakeside)			
Potassium (total)		Sampling Point Name	Criteria		
06/14/2018 10:53	0.16 mg/L	Youbou Creek	Officeria		
	· ·	S8-8242 Price Rd			
06/14/2018 10:57	0.15 mg/L	(Lakeside)			
Selenium (total)		Sampling Point Name	Criteria		
06/14/2018 10:53	< 0.0010 mg/L	Youbou Creek	<=0.05	MAC	
06/14/2018 10:57	< 0.0010 mg/L	S8-8242 Price Rd	<=0.05	MAC	
00/14/2010 10.37	< 0.00 to trig/L	(Lakeside)	<b>\-</b> 0.03	IVIAC	
Silicon (total, as Si)		Sampling Point Name	Criteria		
Silicon (total, as Si) 06/14/2018 10:53	4.04 mg/L	Sampling Point Name Youbou Creek	Criteria		
06/14/2018 10:53	ğ	Youbou Creek S8-8242 Price Rd	Criteria		
	4.04 mg/L 2.19 mg/L	Youbou Creek	Criteria		
06/14/2018 10:53	ğ	Youbou Creek S8-8242 Price Rd	Criteria Criteria		
06/14/2018 10:53 06/14/2018 10:57	ğ	Youbou Creek S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek			
06/14/2018 10:53 06/14/2018 10:57 <b>Silver (total)</b> 06/14/2018 10:53	2.19 mg/L < 0.010 mg/L	Youbou Creek S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek S8-8242 Price Rd			
06/14/2018 10:53 06/14/2018 10:57 Silver (total)	2.19 mg/L	Youbou Creek S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek			
06/14/2018 10:53 06/14/2018 10:57 Silver (total) 06/14/2018 10:53 06/14/2018 10:57 Sodium (total)	2.19 mg/L < 0.010 mg/L	Youbou Creek S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek S8-8242 Price Rd (Lakeside)  Sampling Point Name			
06/14/2018 10:53 06/14/2018 10:57 <b>Silver (total)</b> 06/14/2018 10:53 06/14/2018 10:57	2.19 mg/L < 0.010 mg/L	Youbou Creek S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek	Criteria	AO	
06/14/2018 10:53 06/14/2018 10:57 Silver (total) 06/14/2018 10:53 06/14/2018 10:57 Sodium (total)	2.19 mg/L < 0.010 mg/L < 0.010 mg/L	Youbou Creek S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek S8-8242 Price Rd	Criteria Criteria	AO AO	
06/14/2018 10:53 06/14/2018 10:57 Silver (total) 06/14/2018 10:53 06/14/2018 10:57 Sodium (total) 06/14/2018 10:53	2.19 mg/L  < 0.010 mg/L  < 0.010 mg/L  2.3 mg/L	Youbou Creek S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek	Criteria Criteria <=200 <=200		
06/14/2018 10:53 06/14/2018 10:57 Silver (total) 06/14/2018 10:53 06/14/2018 10:57 Sodium (total) 06/14/2018 10:53 06/14/2018 10:57 Strontium (total)	2.19 mg/L  < 0.010 mg/L  < 0.010 mg/L  2.3 mg/L  2.3 mg/L	Youbou Creek S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek S8-8242 Price Rd (Lakeside)	Criteria Criteria <=200		
06/14/2018 10:53 06/14/2018 10:57 Silver (total) 06/14/2018 10:53 06/14/2018 10:57 Sodium (total) 06/14/2018 10:53 06/14/2018 10:57	2.19 mg/L  < 0.010 mg/L  < 0.010 mg/L  2.3 mg/L	Youbou Creek S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek S8-8000 Price Rd (Lakeside)  Sampling Point Name Youbou Creek	Criteria Criteria <=200 <=200		
06/14/2018 10:53 06/14/2018 10:57 Silver (total) 06/14/2018 10:53 06/14/2018 10:57 Sodium (total) 06/14/2018 10:53 06/14/2018 10:57 Strontium (total)	2.19 mg/L  < 0.010 mg/L  < 0.010 mg/L  2.3 mg/L  2.3 mg/L	Youbou Creek S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek S8-8242 Price Rd (Lakeside)	Criteria Criteria <=200 <=200		
06/14/2018 10:53 06/14/2018 10:57 Silver (total) 06/14/2018 10:53 06/14/2018 10:57 Sodium (total) 06/14/2018 10:53 06/14/2018 10:57 Strontium (total) 06/14/2018 10:53 06/14/2018 10:53	2.19 mg/L  < 0.010 mg/L  < 0.010 mg/L  2.3 mg/L  2.3 mg/L  0.0508 mg/L  0.0261 mg/L	Youbou Creek S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek S8-8242 Price Rd (Lakeside)	Criteria Criteria <=200 <=200 Criteria		
06/14/2018 10:53 06/14/2018 10:57 Silver (total) 06/14/2018 10:53 06/14/2018 10:57 Sodium (total) 06/14/2018 10:53 06/14/2018 10:57 Strontium (total) 06/14/2018 10:53	2.19 mg/L  < 0.010 mg/L  < 0.010 mg/L  2.3 mg/L  2.3 mg/L  0.0508 mg/L  0.0261 mg/L	Youbou Creek S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek S8-8242 Price Rd (Lakeside)  Sampling Point Name Youbou Creek S8-8242 Price Rd (Lakeside)	Criteria Criteria <=200 <=200		

Sulfate Reducing Bacte	ria	Sampling Point Name	Criteria	
06/14/2018 10:57	SC	S8-8242 Price Rd (Lakeside)		
Sulphate		Sampling Point Name	Criteria	
06/14/2018 10:53	3.31 mg/L	Youbou Creek	<=500	AO
06/14/2018 10:57	1.60 mg/L	S8-8242 Price Rd (Lakeside)	<=500	AO
Sulphide (total, as S)		Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.018 mg/L	Youbou Creek		
06/14/2018 10:57	< 0.018 mg/L	S8-8242 Price Rd (Lakeside)		
<b>Tannins and Lignins</b>		Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.10 mg/L	Youbou Creek		
06/14/2018 10:57	< 0.10 mg/L	S8-8242 Price Rd (Lakeside)		
Thallium (total)		Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.20 mg/L	Youbou Creek		
06/14/2018 10:57	< 0.20 mg/L	S8-8242 Price Rd (Lakeside)		
Tin (total)		Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.030 mg/L	Youbou Creek		
06/14/2018 10:57	< 0.030 mg/L	S8-8242 Price Rd (Lakeside)		
Titanium (total)		Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.010 mg/L	Youbou Creek		
06/14/2018 10:57	< 0.010 mg/L	S8-8242 Price Rd (Lakeside)		
<b>Total Coliforms (counts</b>	)	Sampling Point Name	Criteria	
* 06/14/2018 10:53	160 counts/100ml	Youbou Creek	<=0, OG	User-Defined
06/14/2018 10:57	< 1 counts/100ml	S8-8242 Price Rd (Lakeside)	<=0, OG	User-Defined
Total Dissolved Solids / TDS		Sampling Point Name	Criteria	
06/14/2018 10:53	80 mg/L	Youbou Creek	<=500	AO
06/14/2018 10:57	50 mg/L	S8-8242 Price Rd (Lakeside)	<=500	AO

Total Kjeldahl Nitroge	n / TKN	Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.050 mg/L	Youbou Creek	Cilleria	
	· ·	S8-8242 Price Rd		
06/14/2018 10:57	< 0.050 mg/L	(Lakeside)		
<b>Total Organic Carbon</b>		Sampling Point Name	Criteria	
06/14/2018 10:53	0.88 mg/L	Youbou Creek		
06/14/2018 10:57	< 0.50 mg/L	S8-8242 Price Rd (Lakeside)		
<b>Total Trihalomethane</b>	s / TTHM	Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.0020 mg/L	Youbou Creek	<=0.100	MAC as locational running annual average
06/14/2018 10:57	0.0068 mg/L	S8-8242 Price Rd (Lakeside)	<=0.100	MAC as locational running annual average
08/01/2018 14:10	0.0128 mg/L	S8-8242 Price Rd (Lakeside)	<=0.100	MAC as locational running annual average
Trichloroacetic acid		Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.0010 mg/L	Youbou Creek		
06/14/2018 10:57	0.0024 mg/L	S8-8242 Price Rd (Lakeside)		
08/01/2018 14:10	0.0060 mg/L	S8-8242 Price Rd (Lakeside)		
Turbidity		Sampling Point Name	Criteria	
06/14/2018 10:53	0.18 NTU	Youbou Creek	<=5	User-Defined
06/14/2018 10:57	< 0.10 NTU	S8-8242 Price Rd (Lakeside)	<=5	User-Defined
Uranium (total)		Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.00010 mg/L	Youbou Creek	<=0.02	MAC
06/14/2018 10:57	< 0.00010 mg/L	S8-8242 Price Rd	<=0.02	MAC
00/14/2010 10.3/	₹ 0.000 TO THIS/L	(Lakeside)	\-0.0Z	IVIAO
Vanadium (total)		Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.030 mg/L	Youbou Creek		
06/14/2018 10:57	< 0.030 mg/L	S8-8242 Price Rd (Lakeside)		
Zinc (total)		Sampling Point Name	Criteria	
06/14/2018 10:53	< 0.0050 mg/L	Youbou Creek	<=5	AO



Zinc (total)		Sampling Point Name	Criteria		
06/14/2018 10:57	< 0.0050 mg/L	S8-8242 Price Rd (Lakeside)	<=5	AO	

#### Result Legend:

P=present, A=absent, PR=presumptive, ND=non-detect, OR=over-range, OG=overgrown, Y=yes, N=no, TNTC=too numerous to count, NR=no result, NT=not tested, IG=ignore, ER=external report, SC=see comment

- < means less than lower detection limit shown
- > means greater than upper detection limit shown
- « means detected & less than number shown
- » means detected & greater than number shown
- \* Indicates Criteria is exceeded



### Client/Code

Cowichan Valley Regional District 175 Ingram St Duncan. BC V9L 1N8

Date 07Aug18 11:56a No. W141873

Source FWS

Type of Sample 1um wound filter

No. of Samples 2

TEL: (250) 746-2530 Email: group

CommentsArrival temp.: 20.00 Sampler: Rod Lama

## PARASITE ANALYSIS

	<u>Sample</u>	Cysts/100L	Organisms Identified	Comments
1	Shawnigan L N.Water System 02Aug18 10:22a P.I.#2 180 Ltrs	0.10 0.10	Giardia (cysts) Cryptosporidium (oocysts)	-protozoan; enteric parasite -protozoan; enteric parasite
2	Youbou Sys TB 02Aug18 12:14p 150 Ltrs	ND ND	Giardia (cysts) Cryptosporidium (oocysts)	-protozoan; enteric parasite -protozoan; enteric parasite

Detection Limit = 1 per 100L \* Lab Test Recovery = 94.6%

\* test is strongly influenced by volume collected, amount & type of sediment present

ND = none detected

ref: Direct Antibody -Hydrofluor Meridian

Monitoring for Giardia & Cryptosporidium, JL Clancy, WD Gollnitz & Z Tabib, 1994 Prop. ICR Protozoan Methods for Detection of Giardia Cysts and Cryptospordium Oocysts in Water by Fluorescent Antibody Procedures 1993

US EPA Consensus Method for Determing Groundwaters Under the Direct Influence of Surface Water Using Microscopic Particulate Analysis (MPA), Vasconcelos, J., S. Harris., 1992

Manual of Clinical Microbiology, EH Lennette etal. Am. Soc for Microbiology Clinical Diagnosis by Laboratory Methods, Davidson & Henry

Veterinary Clinical Parastiology, MW Sloss, RL Kemp. Iowa State Univ. Press 5th ed.

Parasitology for Vetinarians, JR Georgi & ME Georgi. WB Saunders & Co., 1990 Personal Communications re methodologies & taxonomy: US EPA -S. Harris,

W. Righs

US EPA (Cinc) F. Schaefer US EPA (retired) J. Vasconcelos

BC CDC Magda Moridz (1995)

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Sr. Microbiologist

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