



Youbou Water System Annual Report

Reporting Period:	January 1- December 31, 2017
Operating Permit Number:	SVEE-6NAU5H
Drinking Water System Owner:	Cowichan Valley Regional District
Drinking Water System Contact:	
Name:	<u>Brian Dennison</u>
Phone No.:	<u>250-746-2530</u>
Email:	<u>bdennison@cvrld.bc.ca</u>

1. Microbiological testing completed during this reporting period:

- a. Bacteriological results attached to this report.
- b. Adverse bacteriological results: None detected
 Listed in table below:

Adverse Results

Date	Total Coliform	E. Coli	Reason	Corrective Action

2. Chemical results for this reporting period:

- a. Most recent chemical analysis attached to this report.
- b. chemical parameters listed in *The Guidelines for Canadian Drinking Water Quality ("the Guidelines")* are:
 all within the GCDWQ
 above the GCDWQ and are listed below:

Parameters above the Guidelines:

Parameter	Result	Max. Acceptable Concentration	Aesthetic Objective	Treatment/Corrective Action
HAAs	Listed in report	0.08 mg/L		



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3. Summarize additional testing and sampling carried out in accordance with the requirement of a Water Source approval, Written Order or as per the conditions of your *Operating Permit*.

- no additional testing
 additional testing listed below:

Additional testing:

Description of parameter & reason for sampling	Health parameter or non-health parameter	Corrective action necessary (y/n?)	Corrective Action Taken
THMs/ HAAs	Health	no	

4. Water Quality Complaints:

During the course of the year, the water system:

- did not receive water quality complaints (ie. taste, odour, colour, etc.)
 received water quality complaints and are listed below:

Water Quality Complaints:

Date	Water Quality Complaint	Corrective action taken

5. Adverse results: total number of adverse results during this reporting period for insufficient water supply, malfunction of disinfection equipment or elevated turbidity:

- No adverse results
 Adverse results listed below

Incident Date	Corrective Action	Corrected by



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6. Description of the system:

Sources of raw water:

- Groundwater
 Surface water
 Other (specify): _____

Does the drinking water system have disinfection? Yes No

Disinfection methods (check applicable boxes)

- Chlorination
 Ultraviolet light
 Ozonation
 Other (specify) _____

Does the drinking water system have treatment? Yes No

Treatment type (check applicable boxes):

- Particulate cartridge filters
 Membrane filtration
 Carbon filter
 Sand filtration
 Reverse Osmosis
 Other (specify) _____

7. Major expenses incurred during the period covered by the report:

To purchase or install required equipment: booster pumps at Hemlock station

To repair equipment: _____

To replace equipment: _____

To complete annual maintenance of system: *(system flushing, replacement of carbon filters, etc.)*: system flushing, hydrant maintenance, genset service, UV maintenance (both stations)

To complete specialist report (specify): _____

8. Further communication with users:

a. Indicate how you notified system users that your annual report is available, and is free of charge:

- hand delivered
 public access/notice via web
 public access/notice via government office
 public access/notice via newspaper
 public access/notice via bill stuffer
 public access/notice via other method (specify)



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b. Improvements or remedial actions required by the Drinking Water Officer

- no action required
- Drinking Water Officer inspection report attached to report
- actions required by Drinking Water Officer listed below:

Improvements/Remedial Actions:

Required Action	Completion Date

c. Future water system improvements:

- no improvements planned
- improvements listed below:

Future Improvements:

Future Plans	Planned Completion Date
Put well #4 online	2018
Communication between stations	2018
Cypress and Lupin water main upgrade design	2018
Fire underwriters survey update registration	2018

d. Emergency Response Plan can be accessed by:

- posting on web
- posting at nearest government office
- contacting water system owner
- other (specify) Engineering Services, 175 Ingram Street, Duncan.



Youbou Water System

The Youbou Water System was part of the “Integration of Youbou Water System” project that integrated the Youbou Water System and the Lakeside Estates Water System into one water system referred to as Youbou Water System. The project was completed in early 2008. Under normal operating conditions the two systems operate independently of one another with a pressure reducing/booster station limiting the flow of water between the two systems. In the event of a water shortage or poor water quality in either system, the Arnold Road PRV/Booster Station can be utilized to supply water to the other system.

The Youbou Creek side draws its water from Youbou Creek, a 23-foot high concrete dam, impounds water on the creek, it is then chlorinated by a hypo-chlorination system and UV disinfection and stored in a 252,000 Imperial Gallon above-grade, steel-bolted reservoir. If the turbidity reaches 1NTU, the valve on the inlet of the reservoir is automatically shut off. If required, the reservoir can be fed from the groundwater source at Creekside (Lakeside). The valve is automatically opened, allowing water to flow into the reservoir, when the turbidity level drops to below 1 NTU.

The Creekside (Lakeside) Water System draws its water from Well #3, a groundwater well, located at 9474 Creekside Drive. The water is pumped up to a treatment building where it receives UV light and hypo-chlorination disinfection. The water then continues up to the reservoir site through a dedicated supply line. The 50,000 and 26,000 gallon above grade, steel-bolted reservoirs operate in unison to supply the distribution systems through gravity feed.

In 2017 the distribution water at Youbou Creek and the source at Creekside were sampled and tested for an extensive list of parameters by ALS Environmental. As well, the Youbou Creek System is sampled quarterly for THM’s and HAA’s (chlorine disinfection by-products).

In conjunction with Island Health, the CVRD has in place a weekly bacteriological sampling program for the distribution system. The program is comprised of dedicated sampling ports located throughout the distribution system, which the CVRD samples from on a weekly basis. The samples are submitted to the Ministry of Health and analyzed for E. Coli and Total Coliform.



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-15 Youbou Reservoir, Youbou Reservoir	12-Dec-2017	L1	L1
S-3 Intersection of Coon Creek and Willow Road, Intersection of Coon Creek and Willow Road	12-Dec-2017	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	5-Dec-2017	L1	L1
S-5 8131 Sa-Seen-Os Road, 8131 Sa-Seen-Os Road	5-Dec-2017	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	27-Nov-2017	L1	L1
S-15 Youbou Reservoir, Youbou Reservoir	27-Nov-2017	L1	L1
S-14 9314 Creekside Drive, Youbou	21-Nov-2017	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	15-Nov-2017	T	
S-3 Intersection of Coon Creek and Willow Road, Intersection of Coon Creek and Willow Road	15-Nov-2017	T	
S-14 9314 Creekside Drive, Youbou	7-Nov-2017	L1	L1
S-5 8131 Sa-Seen-Os Road, 8131 Sa-Seen-Os Road	7-Nov-2017	L1	L1
S-1 10705 Youbou Road, 10705 Youbou Road	31-Oct-2017	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	31-Oct-2017	L1	L1
S-14 9314 Creekside Drive, Youbou	25-Oct-2017	L1	L1
S-15 Youbou Reservoir, Youbou Reservoir	25-Oct-2017	L1	L1



S-12 9696 Creekside Road, S-12 9696 Creekside Road	17-Oct-2017	L1	L1
S-7 Arnold Road PRV/Booster Station, S-7 Arnold Road PRV/Booster	17-Oct-2017	L1	L1
S-14 9314 Creekside Drive, Youbou	11-Oct-2017	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	3-Oct-2017	L1	L1
S-5 8131 Sa-Seen-Os Road, 8131 Sa-Seen-Os Road	3-Oct-2017	L1	L1
S-14 9314 Creekside Drive, Youbou	26-Sep-2017	L1	L1
S-15 Youbou Reservoir, Youbou Reservoir	26-Sep-2017	L1	L1
S-14 9314 Creekside Drive, Youbou	19-Sep-2017	L1	L1
S-7 Arnold Road PRV/Booster Station, S-7 Arnold Road PRV/Booster	19-Sep-2017	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	12-Sep-2017	L1	L1
S-3 Intersection of Coon Creek and Willow Road, Intersection of Coon Creek and Willow Road	12-Sep-2017	L1	L1
S-14 9314 Creekside Drive, Youbou	6-Sep-2017	L1	L1
S-5 8131 Sa-Seen-Os Road, 8131 Sa-Seen-Os Road	6-Sep-2017	L1	L1
S-1 10705 Youbou Road, 10705 Youbou Road	28-Aug-2017	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	28-Aug-2017	L1	L1
S-14 9314 Creekside Drive, Youbou	21-Aug-2017	L1	L1
S-15 Youbou Reservoir, Youbou Reservoir	21-Aug-2017	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	15-Aug-2017	L1	L1
S-3 Intersection of Coon Creek and Willow Road, Intersection of Coon Creek and Willow Road	15-Aug-2017	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	8-Aug-2017	L1	L1
S-5 8131 Sa-Seen-Os Road, 8131 Sa-Seen-Os Road	8-Aug-2017	L1	L1
S-7 Arnold Road PRV/Booster Station, S-7 Arnold Road PRV/Booster	8-Aug-2017	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	31-Jul-2017	L1	L1
S-5 8131 Sa-Seen-Os Road, 8131 Sa-Seen-Os Road	31-Jul-2017	L1	L1
S-14 9314 Creekside Drive, Youbou	24-Jul-2017	L1	L1
S-15 Youbou Reservoir, Youbou Reservoir	24-Jul-2017	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	18-Jul-2017	L1	L1



S-3 Intersection of Coon Creek and Willow Road, Intersection of Coon Creek and Willow Road	18-Jul-2017	L1	L1
S-5 8131 Sa-Seen-Os Road, 8131 Sa-Seen-Os Road	18-Jul-2017	L1	L1
S-14 9314 Creekside Drive, Youbou	11-Jul-2017	L1	L1
S-5 8131 Sa-Seen-Os Road, 8131 Sa-Seen-Os Road	11-Jul-2017	L1	L1
S-1 10705 Youbou Road, 10705 Youbou Road	5-Jul-2017	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	5-Jul-2017	L1	L1
S-14 9314 Creekside Drive, Youbou	26-Jun-2017	L1	L1
S-5 8131 Sa-Seen-Os Road, 8131 Sa-Seen-Os Road	26-Jun-2017	L1	L1
S-1 10705 Youbou Road, 10705 Youbou Road	20-Jun-2017	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	19-Jun-2017	L1	L1
S-14 9314 Creekside Drive, Youbou	12-Jun-2017	L1	L1
S-3 Intersection of Coon Creek and Willow Road, Intersection of Coon Creek and Willow Road	12-Jun-2017	L1	L1
S-15 Youbou Reservoir, Youbou Reservoir	7-Jun-2017	L1	L1
S-7 Arnold Road PRV/Booster Station, S-7 Arnold Road PRV/Booster	6-Jun-2017	L1	L1
S-14 9314 Creekside Drive, Youbou	30-May-2017	L1	L1
S-5 8131 Sa-Seen-Os Road, 8131 Sa-Seen-Os Road	30-May-2017	L1	L1
S-14 9314 Creekside Drive, Youbou	23-May-2017	L1	L1
S-3 Intersection of Coon Creek and Willow Road, Intersection of Coon Creek and Willow Road	23-May-2017	L1	L1
S-14 9314 Creekside Drive, Youbou	16-May-2017	L1	L1
S-5 8131 Sa-Seen-Os Road, 8131 Sa-Seen-Os Road	16-May-2017	L1	L1
S-1 10705 Youbou Road, 10705 Youbou Road	8-May-2017	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	8-May-2017	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	1-May-2017	L1	L1
S-7 Arnold Road PRV/Booster Station, S-7 Arnold Road PRV/Booster	1-May-2017	L1	L1
S-1 10705 Youbou Road, 10705 Youbou Road	24-Apr-2017	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	24-Apr-2017	L1	L1
S-14 9314 Creekside Drive, Youbou	18-Apr-2017	L1	L1



S-15 Youbou Reservoir, Youbou Reservoir	18-Apr-2017	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	10-Apr-2017	L1	L1
S-3 Intersection of Coon Creek and Willow Road, Intersection of Coon Creek and Willow Road	10-Apr-2017	L1	L1
S-14 9314 Creekside Drive, Youbou	3-Apr-2017	L1	L1
S-7 Arnold Road PRV/Booster Station, S-7 Arnold Road PRV/Booster	3-Apr-2017	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	28-Mar-2017	L1	L1
S-5 8131 Sa-Seen-Os Road, 8131 Sa-Seen-Os Road	28-Mar-2017	L1	L1
S-14 9314 Creekside Drive, Youbou	20-Mar-2017	L1	L1
S-7 Arnold Road PRV/Booster Station, S-7 Arnold Road PRV/Booster	20-Mar-2017	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	13-Mar-2017	L1	L1
S-3 Intersection of Coon Creek and Willow Road, Intersection of Coon Creek and Willow Road	13-Mar-2017	L1	L1
S-14 9314 Creekside Drive, Youbou	6-Mar-2017	L1	L1
S-5 8131 Sa-Seen-Os Road, 8131 Sa-Seen-Os Road	6-Mar-2017	L1	L1
S-1 10705 Youbou Road, 10705 Youbou Road	27-Feb-2017	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	27-Feb-2017	L1	L1
S-14 9314 Creekside Drive, Youbou	21-Feb-2017	L1	L1
S-15 Youbou Reservoir, Youbou Reservoir	21-Feb-2017	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	14-Feb-2017	L1	L1
S-3 Intersection of Coon Creek and Willow Road, Intersection of Coon Creek and Willow Road	14-Feb-2017	L1	L1
S-14 9314 Creekside Drive, Youbou	7-Feb-2017	L1	L1
S-5 8131 Sa-Seen-Os Road, 8131 Sa-Seen-Os Road	7-Feb-2017	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	31-Jan-2017	L1	L1
S-7 Arnold Road PRV/Booster Station, S-7 Arnold Road PRV/Booster	31-Jan-2017	L1	L1
S-14 9314 Creekside Drive, Youbou	23-Jan-2017	L1	L1
S-7 Arnold Road PRV/Booster Station, S-7 Arnold Road PRV/Booster	23-Jan-2017	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	17-Jan-2017	L1	L1



S-3 Intersection of Coon Creek and Willow Road, Intersection of Coon Creek and Willow Road	17-Jan-2017	L1	L1
S-14 9314 Creekside Drive, Youbou	10-Jan-2017	L1	L1
S-5 8131 Sa-Seen-Os Road, 8131 Sa-Seen-Os Road	10-Jan-2017	L1	L1
S-1 10705 Youbou Road, 10705 Youbou Road	3-Jan-2017	L1	L1
S-12 9696 Creekside Road, S-12 9696 Creekside Road	3-Jan-2017	L1	L1

Alkalinity (bicarbonate, as CaCO3)	Sampling Point Name
05/25/2017 11:30 36.2 mg/L	S5-8131 Sa-Seen-Os
Alkalinity (carbonate, as CaCO3)	Sampling Point Name
05/25/2017 11:30 < 1.0 mg/L	S5-8131 Sa-Seen-Os
Alkalinity (hydroxide, as CaCO3)	Sampling Point Name
05/25/2017 11:30 < 1.0 mg/L	S5-8131 Sa-Seen-Os
Alkalinity (total, as CaCO3)	Sampling Point Name
05/25/2017 11:30 36.2 mg/L	S5-8131 Sa-Seen-Os
Aluminum (total)	Sampling Point Name
05/25/2017 11:30 < 0.010 mg/L	S5-8131 Sa-Seen-Os
Ammonia (total, as N)	Sampling Point Name
05/25/2017 11:30 < 0.0050 mg/L	S5-8131 Sa-Seen-Os
Antimony (total)	Sampling Point Name
05/25/2017 11:30 < 0.00050 mg/L	S5-8131 Sa-Seen-Os
Arsenic (total)	Sampling Point Name
05/25/2017 11:30 < 0.00010 mg/L	S5-8131 Sa-Seen-Os
Background Bacteria	Sampling Point Name
05/25/2017 11:30 < 1 CFU/100ml	S5-8131 Sa-Seen-Os
Barium (total)	Sampling Point Name
05/25/2017 11:30 < 0.010 mg/L	S5-8131 Sa-Seen-Os
Beryllium (total)	Sampling Point Name
05/25/2017 11:30 < 0.0050 mg/L	S5-8131 Sa-Seen-Os
Bismuth (total)	Sampling Point Name
05/25/2017 11:30 < 0.20 mg/L	S5-8131 Sa-Seen-Os
Boron (total)	Sampling Point Name
05/25/2017 11:30 < 0.10 mg/L	S5-8131 Sa-Seen-Os
Bromide	Sampling Point Name
05/25/2017 11:30 < 0.050 mg/L	S5-8131 Sa-Seen-Os
Bromochloroacetic acid	Sampling Point Name
05/25/2017 11:30 0.0013 mg/L	S5-8131 Sa-Seen-Os

Bromodichloromethane		Sampling Point Name
05/25/2017 11:30	0.0015 mg/L	S5-8131 Sa-Seen-Os
Bromoform		Sampling Point Name
05/25/2017 11:30	< 0.0010 mg/L	S5-8131 Sa-Seen-Os
Cadmium (total)		Sampling Point Name
05/25/2017 11:30	< 0.00020 mg/L	S5-8131 Sa-Seen-Os
Calcium (total)		Sampling Point Name
05/25/2017 11:30	10.5 mg/L	S5-8131 Sa-Seen-Os
Chloride		Sampling Point Name
05/25/2017 11:30	3.60 mg/L	S5-8131 Sa-Seen-Os
Chloroform		Sampling Point Name
05/25/2017 11:30	0.0415 mg/L	S5-8131 Sa-Seen-Os
Chromium (total)		Sampling Point Name
05/25/2017 11:30	< 0.0020 mg/L	S5-8131 Sa-Seen-Os
Cobalt (total)		Sampling Point Name
05/25/2017 11:30	< 0.010 mg/L	S5-8131 Sa-Seen-Os
Colour		Sampling Point Name
05/25/2017 11:30	6.8 TCU	S5-8131 Sa-Seen-Os
Conductivity		Sampling Point Name
05/25/2017 11:30	86.0 uS/cm	S5-8131 Sa-Seen-Os
Copper (total)		Sampling Point Name
05/25/2017 11:30	0.0104 mg/L	S5-8131 Sa-Seen-Os
Dibromoacetic acid		Sampling Point Name
05/25/2017 11:30	< 0.0010 mg/L	S5-8131 Sa-Seen-Os
Dibromochloromethane		Sampling Point Name
05/25/2017 11:30	< 0.0010 mg/L	S5-8131 Sa-Seen-Os
Dichloroacetic acid		Sampling Point Name
05/25/2017 11:30	0.0244 mg/L	S5-8131 Sa-Seen-Os
Escherichia coli / E. coli (counts)		Sampling Point Name
05/25/2017 11:30	< 1 counts/100ml	S5-8131 Sa-Seen-Os
Fecal Coliforms (counts)		Sampling Point Name
05/25/2017 11:30	< 1 counts/100ml	S5-8131 Sa-Seen-Os

Fluoride		Sampling Point Name
05/25/2017 11:30	0.030 mg/L	S5-8131 Sa-Seen-Os
Haloacetic acids 5 / HAA5		Sampling Point Name
05/25/2017 11:30	0.0756 mg/L	S5-8131 Sa-Seen-Os
Hardness (total, as CaCO3)		Sampling Point Name
05/25/2017 11:30	31.5 mg/L	S5-8131 Sa-Seen-Os
Heterotrophic Plate Count / HPC		Sampling Point Name
05/25/2017 11:30	< 100 CFU/100ml	S5-8131 Sa-Seen-Os
Iron (total)		Sampling Point Name
05/25/2017 11:30	< 0.030 mg/L	S5-8131 Sa-Seen-Os
Iron Bacteria (MPN / PA)		Sampling Point Name
05/25/2017 11:30	SC	S5-8131 Sa-Seen-Os
Langelier Index		Sampling Point Name
05/25/2017 11:30	-1.0	S5-8131 Sa-Seen-Os
Langelier Index (@ 20 C)		Sampling Point Name
05/25/2017 11:30	14.1	S5-8131 Sa-Seen-Os
Lead (total)		Sampling Point Name
05/25/2017 11:30	0.00072 mg/L	S5-8131 Sa-Seen-Os
Lithium (total)		Sampling Point Name
05/25/2017 11:30	< 0.010 mg/L	S5-8131 Sa-Seen-Os
Magnesium (total)		Sampling Point Name
05/25/2017 11:30	1.31 mg/L	S5-8131 Sa-Seen-Os
Manganese (total)		Sampling Point Name
05/25/2017 11:30	< 0.0020 mg/L	S5-8131 Sa-Seen-Os
Mercury (total)		Sampling Point Name
05/25/2017 11:30	< 0.00020 mg/L	S5-8131 Sa-Seen-Os
Molybdenum (total)		Sampling Point Name
05/25/2017 11:30	< 0.030 mg/L	S5-8131 Sa-Seen-Os
Monobromoacetic acid		Sampling Point Name
05/25/2017 11:30	< 0.0010 mg/L	S5-8131 Sa-Seen-Os
Monochloroacetic acid		Sampling Point Name
05/25/2017 11:30	< 0.0050 mg/L	S5-8131 Sa-Seen-Os

Nickel (total)		Sampling Point Name
05/25/2017 11:30	< 0.050 mg/L	S5-8131 Sa-Seen-Os
Nitrate + Nitrite (as N)		Sampling Point Name
05/25/2017 11:30	< 0.0051 mg/L	S5-8131 Sa-Seen-Os
pH		Sampling Point Name
05/25/2017 11:30	7.79	S5-8131 Sa-Seen-Os
05/25/2017 11:30	7.79	S5-8131 Sa-Seen-Os
Phosphorus (total)		Sampling Point Name
05/25/2017 11:30	< 0.30 mg/L	S5-8131 Sa-Seen-Os
Potassium (total)		Sampling Point Name
05/25/2017 11:30	0.18 mg/L	S5-8131 Sa-Seen-Os
Selenium (total)		Sampling Point Name
05/25/2017 11:30	< 0.0010 mg/L	S5-8131 Sa-Seen-Os
Silicon (total, as Si)		Sampling Point Name
05/25/2017 11:30	3.63 mg/L	S5-8131 Sa-Seen-Os
Silver (total)		Sampling Point Name
05/25/2017 11:30	< 0.010 mg/L	S5-8131 Sa-Seen-Os
Sodium (total)		Sampling Point Name
05/25/2017 11:30	4.0 mg/L	S5-8131 Sa-Seen-Os
Strontium (total)		Sampling Point Name
05/25/2017 11:30	0.0305 mg/L	S5-8131 Sa-Seen-Os
Sulfate Reducing Bacteria		Sampling Point Name
05/25/2017 11:30	SC	S5-8131 Sa-Seen-Os
Sulphate		Sampling Point Name
05/25/2017 11:30	2.18 mg/L	S5-8131 Sa-Seen-Os
Sulphide (total, as S)		Sampling Point Name
05/25/2017 11:30	< 0.018 mg/L	S5-8131 Sa-Seen-Os
Tannins and Lignins		Sampling Point Name
05/25/2017 11:30	< 0.10 mg/L	S5-8131 Sa-Seen-Os
Thallium (total)		Sampling Point Name
05/25/2017 11:30	< 0.20 mg/L	S5-8131 Sa-Seen-Os

Tin (total)		Sampling Point Name
05/25/2017 11:30	< 0.030 mg/L	S5-8131 Sa-Seen-Os
Titanium (total)		Sampling Point Name
05/25/2017 11:30	< 0.010 mg/L	S5-8131 Sa-Seen-Os
Total Coliforms (counts)		Sampling Point Name
05/25/2017 11:30	< 1 counts/100ml	S5-8131 Sa-Seen-Os
Total Dissolved Solids / TDS		Sampling Point Name
05/25/2017 11:30	64 mg/L	S5-8131 Sa-Seen-Os
Total Kjeldahl Nitrogen / TKN		Sampling Point Name
05/25/2017 11:30	< 0.050 mg/L	S5-8131 Sa-Seen-Os
Total Organic Carbon / TOC		Sampling Point Name
05/25/2017 11:30	< 0.50 mg/L	S5-8131 Sa-Seen-Os
Total Trihalomethanes / TTHM		Sampling Point Name
05/25/2017 11:30	0.0429 mg/L	S5-8131 Sa-Seen-Os
Trichloroacetic acid		Sampling Point Name
05/25/2017 11:30	0.0513 mg/L	S5-8131 Sa-Seen-Os
Turbidity		Sampling Point Name
05/25/2017 11:30	0.11 NTU	S5-8131 Sa-Seen-Os
Uranium (total)		Sampling Point Name
05/25/2017 11:30	< 0.00010 mg/L	S5-8131 Sa-Seen-Os
Vanadium (total)		Sampling Point Name
05/25/2017 11:30	< 0.030 mg/L	S5-8131 Sa-Seen-Os
Zinc (total)		Sampling Point Name
05/25/2017 11:30	0.0050 mg/L	S5-8131 Sa-Seen-Os

Result Legend:

P=present, A=absent, PR=presumptive, ND=non-detect, U=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