

## 2012 ANNUAL REPORT

**Drinking-Water Systems Regulation O. Reg. 170/03**

Drinking-Water System Number: **210001219**

Drinking Water System Name: **Casselman Drinking Water System**

Drinking-Water System Owner: **The Corporation of the Village of Casselman**

Drinking-Water System Category: **Large Municipal Residential**

Period being reported: **January 1 to December 31, 2012**

Large Municipal Residential:

Does your Drinking-Water System serve more than 10,000 people? No

Is your Annual Report available to the public at no charge on a website on the Internet? Yes

Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection:

Municipal Office

The Corporation of the Village of Casselman

751 St-Jean Street, PO Box 710

Casselman, Ontario, K0A 1M0

List all Drinking-Water Systems (if any), which receive all of their drinking water from your system: N/A

Did you provide a copy of your Annual Report to all Drinking-Water System owners that are connected to you and to whom you provide all of its drinking water? N/A

Indicate how you notified system users that your Annual Report is available, and is free of charge:

- Downloadable from the website
- Public access via Municipal Office

Describe your Drinking-Water System:

Serving the residents of the Village of Casselman, the surface water treatment plant is capable of supplying water at a rate of 3,182 m<sup>3</sup>/day. This facility operates under Municipal Drinking Water License #173-101 issued on April 15, 2011. The Application Renewal date is October 13, 2015 and the license expires on April 13, 2016.

The Drinking Water Works Permit #173-201 was issued on April 15, 2011. A Permit to Take Water (PTTW) is referenced in the Municipal Drinking Water License document. PTTW #88-P-4041 was issued on August 26, 2003.

The treatment process consists of the following components: one (1) raw water intake; one (1) low lift wet well; three (3) vertical turbine low lift pumps; two (2) ballasted flocculation water treatment units (Actiflo® process units) complete with coagulation, injection, maturation and settling tanks; two (2) mixed media filters and filter backwash system; one (1) filtered water holding tank with three (3)

variable speed pumps; two (2) ultraviolet (UV) disinfection units; two (2) clearwells (415 m<sup>3</sup> and 440 m<sup>3</sup>); three (3) vertical turbine high lift pumps; one (1) elevated storage tank; and chemical feed systems consisting of chemical pumps, storage tanks, piping and associated appurtenances to dose aluminum sulphate, polyelectrolyte, potassium permanganate, sodium hydroxide and chlorine gas.

List all water treatment chemicals used over this reporting period:

Aluminum sulphate, polyaluminum chloride, polyelectrolyte, potassium permanganate, sodium hydroxide, chlorine gas

Were any significant expenses incurred to install/repair/replace requirement equipment? Yes

### 2012 Log Book Summary

6-Jan	Clean and Changed Chlorine Cap Probe, Calibrate Chlorine Probe,
11-Jan	MOE Annual Inspection
12-Jan	Service High Lift, Low Lift and Backwash Pumps, Blower and Compressor
19-Jan	Maintain Generator, Certification of Backflow Preventers, Calibrate Pump Injector and Solenoid
23-Jan	Change UV #1 Lamps 2 & 4, Change UV #2 Lamps 3, 4 & 12
26-Jan	Change Oil (Gear Box on Actiflo 1 & 2, Coagulation, Sodium and Potassium Pumps, Air Blower)
27-Jan	Service Blower and Compressor
6-Feb	Repair Curb Stop at 826 St-Isidore
9-Feb	Service Polymer & Coagulant Feed Pumps
14-Feb	Calibration of all Instrumentation
27-Feb	Service Sludge Pump 511, 512
28-Feb	Change Seal on Potassium Permanganate Pump
29-Feb	Annual Fire Extinguisher Inspection
5-Mar	Inspection, Calibration, Certification of Chlorinators
6-Mar	Service Emergency Eye Wash Station and Shower
7-Mar	Repair Base of Potassium Permanganate Feeding System
21-Mar	Repair Service Line at 9 Gagne
5-Apr	Change Coagulant from PASS 10 to PASS 8, Empty Coagulant Tank 4 and Clean
12-Apr	Calibrate Chlorine Probe
20-Apr	Change and Calibrate Chlorine Probe
21-Apr	Change Solenoid Valve on Polymer Pump # 1
23-Apr	Flush Distribution System
25-Apr	Measuremax in for Calibration of Flow Meter
1-May	Clean and Change Valves on Coagulant Tank # 3
7-May	Water leak at 17 Gagne, Install Temporary Valve
16-May	Repair Hydrant at St-Isidore & Blvd. Lafleche
30-May	Capital Control in for Sodium Hydroxide Feed System Controls
31-May	Hetek Solutions in to Calibrate Gas Monitor
12-Jun	Repair High Lift Pump 305 Check Valve
15-Jun	John Meunier in for Sludge Pump
5-Jul	Embrun Sanitation Services in to Clean Water Tank, Backwash and Supernatant Tank
10-Jul	Change Curb Stop at 30 Faucher and 784 Principale
30-Jul	Flush Distribution System
1-Aug	Change Chlorine Probe and Calibrate
14-Aug	Capital Control in for Polymer Transducer and Sodium Hydroxide Controller
22-Aug	Change Lamps 5 and 12 from UV #2

March 2013

24-Aug	Pit Test at High Fall Park for Sewer Forcemain
4-Sep	Service Generator
28-Sep	Maintenance on Hydrocyclone Actiflo 1 and 2
3-Oct	Repair Hot Water Valve on Polymer Tank
22-Oct	Flush Distribution System and Winterizing of Fire Hydrants
24-Oct	Gord Technical Services in to Repair Sluice Gate on Raw Water Well
27-Oct	Repair Service Line on Percy St.
15-Nov	Internal Audit DWQMS
11-Dec	MOE Annual Inspection
14-Dec	Gord Technical Services in to Replace Ladder in Raw Water Well
18-Dec	Repair Valve on Coagulant System

Refer to attached Tables for additional required information:

Table 1: Summary of Notices submitted in accordance with subsection 18(1) of the Safe Drinking-Water Act or section 16-4 of Schedule 16 of O. Reg. 170/03 and reported to Spills Action Centre

Table 2: Microbiological Testing completed under Schedule 10, 11 or 12 of Regulation 170/03 during this reporting period

Table 3: Operational Testing completed under Schedule 7, 8 or 9 of Regulation 170/03 during this reporting period

Table 4: Summary of Additional Sampling carried out in accordance with the requirements of an approval, order or other legal instrument

Table 5: Summary of Inorganic Parameters tested during this reporting period, or the most recent sampling results

Table 6: Summary of Organic Parameters tested during this reporting period, or the most recent sampling results

Table 7: List of Any Inorganic or Organic Parameters that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards

Table 8: 2012 Water Taking Data from the South Nation River under Permit #88-P-4041

Table 9: Lead Sampling Results from the water distribution system

Table 10: Total Suspended Solids Results for process water

Prepared by J.L. Richards & Associates Limited (File No. 16953-87)

**Table 1: Summary of Notices submitted in accordance with subsection 18(1) of the Safe Drinking-Water Act or section 16-4 of Schedule 16 of O. Reg. 170/03 and reported to Spills Action Centre**

Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Date of Corrective Action
1/13/2012	Total Trihalomethane Average	>100	µg/L	Decrease CO <sub>2</sub> and resample	1/23/2012

**Table 2: Microbiological Testing completed under Schedule 10, 11 or 12 of Regulation 170/03 during this reporting period**

	No. of Samples	Range of <i>E. Coli</i> or Fecal Results (Min - Max) in cts/100 mL	Range of Total Coliform Results (Min - Max) in cts/100 mL	No. of HPC * Samples	Range of HPC Results (Min - Max) in cts/mL
Raw	52	0 - 1500	0 - >20,000	-	-
Treated	52	0	0	52	<2 - 8
Distribution	52	0	0	52	<2 - 130

\* Note: HPC = Heterotrophic Plate Count

**Table 3: Operational Testing completed under Schedule 7, 8 or 9 of Regulation 170/03 during this reporting period**

Month	Treated Water Turbidity Post-Clearwell		Post-Chlorination Dosage		UV Reactor #1		UV Reactor #2	
	NTU		mg/L		mJ/cm <sup>2</sup>		mJ/cm <sup>2</sup>	
	Min	Max	Avg	Max	Avg	Max	Avg	Max
Jan	0.01	0.15	2.28	2.5	109	142	94	98
Feb	0.05	0.24	2.26	2.5	109	136	91	98
Mar	0.05	0.30	2.31	2.7	113	161	94	100
Apr	0.01	0.24	2.29	2.5	108	146	92	96
May	0.01	0.18	2.3	2.5	91	125	88	96
Jun	0.02	0.24	2.34	2.6	100	145	87	95
Jul	0.08	0.28	2.31	2.5	109	250	86	87
Aug	0.03	0.28	2.35	2.5	109	154	85	86
Sep	0.11	0.21	2.26	2.5	110	151	86	87
Oct	0.04	0.18	2.36	2.6	114	143	86	96
Nov	0.09	0.27	2.23	2.3	104	123	85	96
Dec	0.03	0.19	2.24	2.3	101	117	88	98
<b>Min</b>	0.01	0.15	2.23	2.3	91	117	85	86
<b>Max</b>	0.11	0.30	2.36	2.7	114	250	94	100

**Table 4: Summary of Additional Sampling carried out in accordance with the requirements of an approval, order or other legal instrument**

Date of legal instrument issued: Municipal Drinking Water License #173-101 dated April 15, 2011

Date Collected	Parameter	Result		Unit of Measure
		Raw	Treated	
9-Jan	Alkalinity	284	265	mg/L
9-Jan	Aluminum	0.48	0.07	mg/L
9-Jan	Total Organic Carbon	4.6	3.3	mg/L
9-Jan	Dissolved Organic Carbon	4.5	3.2	mg/L
21-Feb	Alkalinity	273	267	mg/L
21-Feb	Aluminum	0.62	0.07	mg/L
21-Feb	Total Organic Carbon	6.1	4.4	mg/L
21-Feb	Dissolved Organic Carbon	6.1	4.4	mg/L
5-Mar	Alkalinity	237	232	mg/L
5-Mar	Aluminum	0.36	0.11	mg/L
5-Mar	Total Organic Carbon	5.6	3.6	mg/L
5-Mar	Dissolved Organic Carbon	5.6	3.5	mg/L
2-Apr	Alkalinity	218	196	mg/L
2-Apr	Aluminum	0.49	0.07	mg/L
2-Apr	Total Organic Carbon	8.8	6.6	mg/L
2-Apr	Dissolved Organic Carbon	8.6	6.4	mg/L
7-May	Alkalinity	213	169	mg/L
7-May	Aluminum	0.39	0.06	mg/L
7-May	Total Organic Carbon	8.4	4.0	mg/L
7-May	Dissolved Organic Carbon	8.3	3.9	mg/L
4-Jun	Alkalinity	194	205	mg/L
4-Jun	Aluminum	1.52	0.09	mg/L
4-Jun	Total Organic Carbon	9.3	4.4	mg/L
4-Jun	Dissolved Organic Carbon	9.1	4.3	mg/L
3-Jul	Alkalinity	228	194	mg/L
3-Jul	Aluminum	0.31	0.08	mg/L
3-Jul	Total Organic Carbon	7.8	4.0	mg/L
3-Jul	Dissolved Organic Carbon	7.7	4.0	mg/L
7-Aug	Alkalinity	199	169	mg/L
7-Aug	Aluminum	0.46	0.07	mg/L
7-Aug	Total Organic Carbon	7.7	4.2	mg/L
7-Aug	Dissolved Organic Carbon	7.7	4.0	mg/L
10-Sep	Alkalinity	193	165	mg/L
10-Sep	Aluminum	0.62	0.07	mg/L
10-Sep	Total Organic Carbon	8.3	4.2	mg/L
10-Sep	Dissolved Organic Carbon	7.8	4.1	mg/L
9-Oct	Alkalinity	183	157	mg/L
9-Oct	Aluminum	0.28	0.05	mg/L
9-Oct	Total Organic Carbon	6.3	3.4	mg/L
9-Oct	Dissolved Organic Carbon	6.3	3.4	mg/L
5-Nov	Alkalinity	184	151	mg/L
5-Nov	Aluminum	0.55	0.06	mg/L
5-Nov	Total Organic Carbon	7.3	4.7	mg/L
5-Nov	Dissolved Organic Carbon	6.7	4.6	mg/L
3-Dec	Alkalinity	204	169	mg/L
10-Dec	Aluminum	0.20	0.05	mg/L
3-Dec	Total Organic Carbon	7.6	4.3	mg/L
3-Dec	Dissolved Organic Carbon	7.6	4.3	mg/L

**Table 5: Summary of Inorganic Parameters tested during this reporting period or the most recent sampling results**

Parameter	Date Collected	Result	Unit of Measure	Exceedance
Antimony	26-Apr	<0.0001	mg/L	No
Arsenic	26-Apr	0.0005	mg/L	No
Barium	26-Apr	0.038	mg/L	No
Boron	26-Apr	0.037	mg/L	No
Cadmium	26-Apr	<0.00002	mg/L	No
Chromium	26-Apr	<0.002	mg/L	No
Fluoride	6-Apr	0.2	mg/L	No
Lead (dist)	7-Nov	0.00126	mg/L	No
Lead (dist)	7-Nov	0.00112	mg/L	No
Mercury	26-Apr	<0.00002	mg/L	No
Selenium	26-Apr	<0.001	mg/L	No
Sodium	-	-	mg/L	-
Uranium	26-Apr	0.0003	mg/L	No
Nitrite	9-Jan	<0.1	mg/L	No
Nitrite	2-Apr	<0.1	mg/L	No
Nitrite	3-Jul	<0.1	mg/L	No
Nitrite	3-Dec	<0.1	mg/L	No
Nitrate	9-Jan	5	mg/L	No
Nitrate	2-Apr	4.8	mg/L	No
Nitrate	3-Jul	2.4	mg/L	No
Nitrate	3-Dec	0.8	mg/L	No
Nitrate + Nitrite	9-Jan	5	mg/L	No
Nitrate + Nitrite	2-Apr	4.8	mg/L	No
Nitrate + Nitrite	3-Jul	2.4	mg/L	No
Nitrate + Nitrite	3-Dec	0.8	mg/L	No

**Table 6: Summary of Organic Parameters tested during this reporting period or the most recent sampling results**

Parameter	Date Collected	Result	Unit of Measure	Exceedance
Alachlor	26-Apr	<0.3	ug/L	No
Aldicarb	26-Apr	<3	ug/L	No
Aldrin + Dieldrin	26-Apr	<0.02	ug/L	No
Atrazine + N-dealkylated metabolites	26-Apr	<0.5	ug/L	No
Azinphos-methyl	26-Apr	<1	ug/L	No
Bendiocarb	26-Apr	<3	ug/L	No
Benzene	26-Apr	<0.5	ug/L	No
Benzo(a)pyrene	26-Apr	<0.005	ug/L	No
Bromodichloromethane	-	-	ug/L	-
Dibromochloromethane	-	-	ug/L	-
Bromoform	-	-	ug/L	-
Bromoxynil	26-Apr	<0.3	ug/L	No
Bromoxyrene	26-Apr	-	ug/L	-
Carbaryl	26-Apr	<3	ug/L	No
Carbofuran	26-Apr	<1	ug/L	No
Carbon Tetrachloride	26-Apr	<0.2	ug/L	No
Chlordane (total)	26-Apr	<0.04	ug/L	No
Chloroform	-	-	ug/L	-
Chlorpyrifos	26-Apr	<0.5	ug/L	No
Cyanazine	26-Apr	<0.5	ug/L	No
Diazinon	26-Apr	<1	ug/L	No
Dicamba	26-Apr	<5	ug/L	No
1,2-Dichlorobenzene	26-Apr	<0.1	ug/L	No
1,4-Dichlorobenzene	26-Apr	<0.2	ug/L	No
Dichlorodiphenyltrichloroethane (DDT) + metabolites	26-Apr	<0.01	ug/L	No
1,2-Dichloroethane	26-Apr	<0.1	ug/L	No
1,1- Dichloroethene	26-Apr	<0.1	ug/L	No
1,1-Dichloroethylene (vinylidene chloride)	26-Apr	-	ug/L	-
Dichloromethane	26-Apr	<0.3	ug/L	No

2-4 Dichlorophenol	26-Apr	<0.1	ug/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	26-Apr	<5	ug/L	No
Diclofop-methyl	26-Apr	<0.5	ug/L	No
Dimethoate	26-Apr	<1	ug/L	No
Dinoseb	26-Apr	<0.5	ug/L	No
Diquat	26-Apr	<5	ug/L	No
Diuron	26-Apr	<5	ug/L	No
Glyphosate	26-Apr	<25	ug/L	No
Heptachlor + Heptachlor Epoxide	26-Apr	<0.1	ug/L	No
Lindane (total)	26-Apr	<0.1	ug/L	No
Malathion	26-Apr	<5	ug/L	No
Methoxychlor	26-Apr	<0.1	ug/L	No
Metolachlor	26-Apr	<3	ug/L	No
Metribuzin	26-Apr	<3	ug/L	No
Monochlorobenzene	26-Apr	<0.2	ug/L	No
Paraquat	26-Apr	<1	ug/L	No
Parathion	26-Apr	<1	ug/L	No
Pentachlorophenol	26-Apr	<0.1	ug/L	No
Phorate	26-Apr	<0.3	ug/L	No
Picloram	26-Apr	<5	ug/L	No
Polychlorinated Biphenyls (PCB)	26-Apr	<0.05	ug/L	No
Promethyne	26-Apr	<0.1	ug/L	No
Simazine	26-Apr	<0.5	ug/L	No
Total Trihalomethanes	-	-	ug/L	-
THM	<i>Refer to Summary Table Below</i>			
Temephos	26-Apr	<10	ug/L	No
Terbufos	26-Apr	<0.3	ug/L	No
Tetrachloroethylene	26-Apr	<0.2	ug/L	No
2,3,4,6-Tetrachlorophenol	26-Apr	<0.1	ug/L	No
Triallate	26-Apr	<10	ug/L	No
Trichloroethylene	26-Apr	<0.1	ug/L	No
2,4,6-Trichlorophenol	26-Apr	<0.1	ug/L	No
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	26-Apr	<10	ug/L	No
Trifluralin	26-Apr	<0.5	ug/L	No
Vinyl Chloride	26-Apr	<0.2	ug/L	No

THM Parameter	Date Collected	Sample Location	Result	Unit of Measure
Chloroform	9-Jan	12 Cr.Roger	47.4	ug/L
Chloroform	2-Apr	12 Cr.Roger	12	ug/L
Chloroform	3-Jul	12 Cr.Roger	79.5	ug/L
Chloroform	3-Dec	12 Cr.Roger	52.9	ug/L
Bromodichloromethane	9-Jan	12 Cr.Roger	19.6	ug/L
Bromodichloromethane	2-Apr	12 Cr.Roger	0.9	ug/L
Bromodichloromethane	3-Jul	12 Cr.Roger	27.3	ug/L
Bromodichloromethane	3-Dec	12 Cr.Roger	22.8	ug/L
Dibromochloromethane	9-Jan	12 Cr.Roger	6	ug/L
Dibromochloromethane	2-Apr	12 Cr.Roger	<0.1	ug/L
Dibromochloromethane	3-Jul	12 Cr.Roger	6	ug/L
Dibromochloromethane	3-Dec	12 Cr.Roger	7.4	ug/L
Bromoform	9-Jan	12 Cr.Roger	1	ug/L
Bromoform	2-Apr	12 Cr.Roger	<0.1	ug/L
Bromoform	3-Jul	12 Cr.Roger	0.5	ug/L
Bromoform	3-Dec	12 Cr.Roger	0.1	ug/L
Total Trihalomethanes	9-Jan	12 Cr.Roger	74.1	ug/L
Total Trihalomethanes	2-Apr	12 Cr.Roger	12.9	ug/L
Total Trihalomethanes	3-Jul	12 Cr.Roger	113	ug/L
Total Trihalomethanes	3-Dec	12 Cr.Roger	83.3	ug/L

**Table 7: List of Any Inorganic or Organic Parameters that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards**

<b>Parameter</b>	<b>Date Collected</b>	<b>Result</b>	<b>Standard</b>	<b>Unit of Measure</b>
None reported				



**Table 8: 2012 Water Taking Data from the South Nation River under Permit #88-P-4041**

Date	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	1,246	600	649	1,216	885	1,465	1,069	1,457	1,210	999	1,154	989		
2	1,157	1,168	1,205	578	1,216	1,009	1,519	1,386	1,373	1,249	1,100	985		
3	823	894	1,022	1,148	787	1,226	854	1,347	1,318	971	1,133	689		
4	1,218	1,226	1,051	857	1,365	723	1,614	1,366	1,471	1,301	1,141	1,156		
5	1,239	900	761	1,336	1,025	1,338	929	643	1,117	1,112	1,002	760		
6	831	1,104	1,194	871	1,264	1,046	1,653	1,534	1,195	1,360	1,281	927		
7	1,087	914	686	1,177	862	1,288	1,405	874	1,106	1,041	1,125	1,228		
8	1,145	1,005	1,279	811	1,112	842	1,239	1,250	1,428	1,373	1,003	954		
9	720	904	915	1,044	847	1,552	1,473	1,476	975	706	1,256	903		
10	1,112	988	1,469	894	1,266	1,227	1,337	1,158	1,402	1,165	1,083	666		
11	928	1,056	665	862	1,006	1,349	1,413	1,194	1,059	1,457	1,142	1,085		
12	1,312	1,251	1,383	998	1,370	904	1,347	1,201	1,453	991	1,071	773		
13	833	613	701	1,215	1,322	1,141	1,542	1,438	1,176	1,280	1,249	851		
14	1,284	1,128	1,137	1,121	820	1,194	1,393	921	1,252	1,066	1,105	1,045		
15	951	1,071	817	920	1,438	1,516	1,427	1,534	1,212	1,331	940	1,058		
16	1,126	828	880	1,667	795	1,423	1,257	1,349	1,413	1,022	1,307	1,055		
17	1,264	1,231	1,064	940	1,484	1,224	1,087	1,336	753	1,122	1,131	726		
18	1,132	972	1,229	1,114	1,098	1,425	1,199	1,196	1,200	1,131	1,232	921		
19	1,164	1,010	706	847	1,435	1,121	1,286	1,372	1,389	1,358	987	878		
20	857	957	1,189	1,200	1,224	1,125	1,089	1,217	1,285	887	1,286	894		
21	1,289	820	803	924	1,403	1,669	1,333	1,371	920	1,188	1,004	1,218		
22	977	810	1,163	1,268	986	1,090	1,451	1,275	1,332	1,766	935	951		
23	1,057	1,186	912	1,642	938	1,620	979	1,404	1,245	1,133	1,296	760		
24	888	864	1,171	1,853	1,631	1,213	1,308	1,527	1,060	1,330	1,169	1,249		
25	1,109	1,202	912	559	933	1,104	972	1,110	1,157	944	1,161	720		
26	773	973	1,096	1,235	1,560	728	1,089	1,596	1,330	1,304	983	865		
27	1,134	961	784	873	1,144	1,559	1,547	1,444	1,002	1,121	1,000	930		
28	663	809	1,132	1,326	997	1,231	971	1,245	1,267	1,283	834	903		
29	1,357	1,068	729	1,028	966	1,367	1,460	1,436	1,064	1,192	868	946		
30	866		1,198	966	1,308	1,258	1,830	1,080	1,387	1,010	1,197	904		
31	1,091		1,111		975		1,817	1,305		1,095		809		
<b>Min</b>	663	600	649	559	787	723	854	643	753	706	834	666	<b>559</b>	<b>Min</b>
<b>Max</b>	1,357	1,251	1,469	1,853	1,631	1,669	1,830	1,596	1,471	1,766	1,307	1,249	<b>1,853</b>	<b>Max</b>
<b>Avg</b>	1,053	983	1,000	1,083	1,144	1,233	1,319	1,292	1,218	1,171	1,106	929	<b>1,128</b>	<b>Avg</b>

**Table 9: Lead Sampling Results from the water distribution system**

Sample Location	Date Collected	Lead (mg/L)	Alkalinity (mg/L)
<i>None To Report</i>			

**Table 10: Total Suspended Solids Results for process water**

Parameter	Date Collected	Supernatant Actiflo®	Backwash Tank	Unit of Measure
Total Suspended Solids	11-Jan	5	12	mg/L
	22-Feb	3	< 3	mg/L
	12-Mar	4	4	mg/L
	4-Apr	10	< 3	mg/L
	9-May	< 3	< 3	mg/L
	4-Jun	4	3	mg/L
	3-Jul	4	4	mg/L
	10-Aug	4	3	mg/L
	10-Sep	7	3	mg/L
	9-Oct	4	3	mg/L
	7-Nov	3	< 3	mg/L
	3-Dec	4	3	mg/L