

## 2024 Cap Brulé WWTP - Lab Results

Date	Influent		Effluent						
	CBOD <sub>5</sub>	SS	CBOD <sub>5</sub>	SS	TAN	before UV E. coli	after UV E. Coli	before UV enterococci	after UV enterococci
02-Jan	39	33	13	12	14.00		10		10.0
16-Jan	126	110	22	16	17.00		160		63.0
30-Jan	44	34	22	16	17.00		20		31.0
13-Feb	89	571	24	22	18.00		52		10.0
27-Feb	41	29	25	16	18.10		10		41.0
13-Mar	46	47	20	18	12.10		627		246.0
26-Mar	19	15	18	11	7.20		1723		404.0
	58	120	21	16					
02-Apr							315		
09-Apr	26	26	12	11	3.70		1336		836.0
11-Apr							404		
22-Apr	34	29	14	22	6.30		10		10.0
07-May	41	55	12	10	11.80		10		10.0
21-May	195	189	18	36	11.10		10		10.0
04-Jun	122	142	8	9	15.00		10		10.0
18-Jun	132	116	13	14	22.00		10		10.0
	92	93	13	17					
02-Jul	90	83	17	31	24.00		31		30.0
16-Jul	91	90	28	43	13.20		161		10.0
30-Jul	95	106	27	58	3.00		10		10.0
13-Aug	93	90	35	71	0.28		10		10.0
27-Aug	82	86	31	49	1.12		41		52.0
10-Sep	112	111	27	63	9.90		20		30.0
24-Sep	77	72	29	56	0.21		10		10.0
	91	91	28	25					
08-Oct	266	318	30	46	0.17		10		10.0
22-Oct	99	108	11	12	6.60		10		10.0
06-Nov	77	73	12	16	16.00		10		20.0
19-Nov	65	62	17	20	17.00				
03-Dec	117	100	15	15	14.60				
17-Dec	69	63	16	12	14.10				
	116	121	17	20					

<b>18-Sep Toxicity test (effluent)</b>	<b>Pass</b>	(Toxicity test conducted by AGAT Laboratories)
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- Effluent standards are: as per DELGNB CofA S-3904

**CBOD<sub>5</sub> and SS - quaterly average ≤ 25mg/l (SS exception >25mg/l, May to November)**

**E.Coli ≤ 200 MPN/100ml - From May 1st to October 31st**

**E.Coli From November 1st to April 30th - Not required to disinfect (effective August 9, 2024)**

- Legend: **SS**: Suspended Solids, **CBOD<sub>5</sub>**: Carbonaceous Biochemical Oxygen Demand,  
**TAN**: Total Ammonia Nitrogen,

These analyses are conducted by RPC Laboratories - Moncton

Enterococci results do not have to be reported