

## 2021 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
06-Jan	71	67	9	8	13.50		480		197.0
20-Jan	72	65	16	11	17.00		34		12.6
01-Feb	80	67	15	7	16.00		4		14.8
17-Feb	67	36	13	7	13.80		20		24.2
02-Mar	36	40	10	6	15.00		36		30.0
17-Mar	117	105	17	6	15.20		154		230.6
31-Mar	23	33	15	13	6.90		800		387.0
	67	59	14	8					
13-Apr	16	17	7	7	7.00		2		4.0
28-Apr	29	55	12	21	7.70		2		2.0
11-May	53	45	13	12	7.70		860		615.2
13-May							540		332.8
17-May							12		97.0
26-May	35	71	10	22	7.40		4		30.0
09-Jun	144	148	15	58	7.41		2		2.0
24-Jun	66	68	9	34	14.40		2		41.0
	57	67	11	25					
07-Jul	52	39	7	24	21.00		6		8.2
20-Jul	117	80	8	33	21.00		2		20.0
05-Aug	148	138	6	19	21.00		66		10.0
18-Aug	74	85	11	30	19.30		4		20.0
02-Sep	86	47	6	9	19.00		4		19.4
14-Sep	73	56	6	12	23.00		2		148.0
	92	74	7	16					
05-Oct	95	88	6	5	24.00		2		10.0
13-Oct	74	75	6	5	23.00		2		10.0
27-Oct	77	75	7	10	21.00		56		31.0
09-Nov	123	142	10	16	20.00		40		10.0
24-Nov	62	64	12	23	20.00		46		41.0
08-Dec							1950		1236.0
10-Dec							114		332.0

**13-Jul Toxicity test (effluent) Pass 0% @ 100% effluent** (Toxicity test conducted by AGAT Laboratories)

- Effluent standards are: as per DELGNB CofA S-3281

**CBOD<sub>5</sub> and SS - quarterly average ≤ 25mg/l (SS exception >25mg/l, Jul-Oct.)**

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

**E.Coli ≤ 1000 MPN/100ml - From November 1st to April 30th (effective April 30, 2019)**

- 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