

## 2019 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
03-Jan	27	21	10	6	8.30		26		10.4
17-Jan	41	41	10	5	11.00		2		4.0
30-Jan	29	26	9	7	10.90		6		6.0
12-Feb	25	27	6	5	11.00	330	6		12.6
27-Feb	45	24	9	5	12.40	1290	4	1540	15.0
13-Mar	53	26	10	5	15.50	760	24	821	32.2
27-Mar	62	44	11	10	9.60		44		24.4
	40	30	9	6	6.14				
10-Apr	97	64	10	14	6.10		6		6.2
24-Apr	6	5	11	5	4.00		470		222.4
08-May	24	23	18	29	3.50		2		2.0
22-May	19	39	9	12	8.90		28		15.0
05-Jun	49	32	8	12	9.50		2		256.2
19-Jun	105	92	11	27	9.10		2		2.0
	50	43	11	17	6.85				
03-Jul	58	44	7	19	14.40		8		26.4
17-Jul	36	50	10	11	15.70		12		114.6
31-Jul	215	245	9	55	19.00		16		8.2
14-Aug	47	41	6	29	19.00		2		10.0
28-Aug	95	153	6	31	25.00		4		8.2
11-Sep	15	5	17	13	18.00		640*		150.8
13-Sep							92		19.2
13-Sep							102		32.0
25-Sep	33	37	6	5	15.00		30		21.8
	71	82	9	14					
10-Oct	43	21	6	5	14.00		2		4.0
23-Oct			6	5	13.00		2		8.2
06-Nov	38	31	6	5	11.30		2		4.0
20-Nov	19	26	6	5	10.70		4		2.0
04-Dec	30	31	7	6	8.00		146		136.6
18-Dec	28	25	7	7	7.70		164		69.0
	32	27	6	6					

\*Sample was retested twice the morning of Friday Sept 13.

<b>08-Jul</b>	<b>Toxicity test (effluent)</b>	<b>Pass</b>	<b>0% @ 100% effluent</b>	(Toxicity test conducted by Testmark Laboratories)
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- Effluent standards are: as per DELGNB CofA S-2627 (until April 2019): then CofA S-3222 (April-July 2019); currently CofA S-3281.

**CBOD<sub>5</sub> and SS - quaterly 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