

2017 Cap Brulé WWTP - Lab Results

Date	Influent		Effluent						
	CBOD ₅	SS	CBOD ₅	SS	TAN	before UV E. coli	after UV E. Coli	before UV faecal strep	after UV faecal strep
05-Jan	96	89	6	8	13.00		366		172
17-Jan	19	34	11	10	13.00		730		1360
01-Feb	11	22	6	7	10.30	252	6		18
15-Feb	55	73	6	5	11.10		10		18
01-Mar	18	15	8	5	11.70		12		22
14-Mar	58	72	13	13	8.60		2		14
30-Mar	45	72	10	10	9.60		2		6
Average	43	54	9	8	11.04				
12-Apr	37	45	10	8	12.00		232		198
27-Apr	45	36	6	9	9.00		24		44
10-May	48	43	6	10	7.40		122		42
24-May	89	83	6	14	5.80	7200		2200	
29-May							4		2
Date	CBOD ₅	SS	CBOD ₅	SS	TAN	before UV E. coli	after UV E. Coli	before UV enterococci	after UV enterococci
06-Jun	47	49	6	11	6.80		2		6.2
20-Jun			6	6	11.20		0		10.3
Average	53	51	7	10	8.70				
05-Jul	126	123	12	20	12.00		1		3.0
19-Jul	75	62	9	11	17.00		2		3.0
02-Aug	99	80	6	24	20.00		0		6.2
16-Aug	96	99	6	29	26.00		0		1.0
30-Aug	62	104	10	44	27.00		0		2.0
12-Sep	97	79	13	35	24.00		0		5.2
27-Sep	102	129	11	30	24.00		56		7.2
Average	94	97	10	18	21.43				
12-Oct	23	26	6	6	25.00		1		3.0
25-Oct	48	67	6	8	23.00		3		3.0
08-Nov	40	45	6	5	22.00		48		31.3
22-Nov	99	93	6	11	21.00		12		11.3
05-Dec	103	99	6	11	15.60		2		1.0
19-Dec	59	73	7	6	16.00		20		7.5
Average	62	67	6	8	20.43				

- Effluent standards are: (as per DELGNB CofA S-2627)

CBOD₅ and SS - quaterly average ≤ 25mg/l (SS exception >25mg/l, Jul-Oct.)

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

- Legend: **SS**: Suspended Solids, **CBOD₅**: Carbonaceous Biochemical Oxygen Demand,
TAN: Total Ammonia Nitrogen,

These analyses are conducted by RPC Laboratories - Moncton

E coli results from November to April do not have to be reported

Faecal Strep + Enterococci results do not have to be reported

May 24 - Operator mistakenly took sample before UV system. Sample was retaken May 29 after UV system.