`

COMPLIANCE STATUS REPORT - SEWAGE

MUNICIPALITY	Eganville	YEAR	**2012**
PROJECT	Eganville Water Pollution Control Plant	WATER COURSE	BONNECHERE RIVER
CERTIFICATE OF APPROVAL	9566-85BHJK	DESIGN CAPACITY	1.080 x 1000 m3/d

DESCRIPTION Secondary with phosphorus removal

	FLOWS MONTHLY				BIO - CHE MICAL O2 DEMAND MONTHLY				SUSPEN DED SOLID S MONTHLY			
MONTH	TOTAL FLOW 1000m3	AVG.DAY FLOW 1000m3	MAX DAY FLOW 1000m3		AVG RAW BOD (mg/L)	AVG EFF CBOD5 (mg/L)	PERCENT REMOVAL %	AVG EFF LOADING Kg/Day	AVG RAW SS (mg/L)	AVG EFF SS (mg/L)	PERCENT REMOVAL %	AVG EFF LOADING Kg/Day
JAN.	10.976	0.354	0.425		161	3.0	98.14	1.06	114	9	92.11	3
FEB.	10.400	0.359	0.403		234	3.0	98.72	1.08	152	9	94.08	3
MAR.	25.742	0.830	1.459		58	3.0	94.83	2.49	103	9	91.26	7
APR.	18.969	0.632	0.821		107	3.0	97.20	1.90	143	7	95.10	4
MAY	17.699	0.571	0.714		97	3.0	96.91	1.71	183	7	96.17	4
JUN.	12.335	0.411	0.496		239	3.0	98.74	1.23	167	8	95.21	3
JUL.	11.412	0.368	0.655		346	3.0	99.13	1.10	209	10	95.22	4
AUG.	12.531	0.426	0.492		105	3.0	97.14	1.28	124	8	93.55	3
SEP.	11.520	0.410	0.509		366	3.0	99.18	1.23	198	8	95.96	3
OCT.	13.484	0.435	0.719		85	3.0	96.47	1.31	141	7	95.04	3
NOV.	14.398	0.480	0.649		121	3.0	97.52	1.44	180	7	96.11	3
DEC.	11.660	0.376	0.461		165	3.0	98.18	1.13	192	6	96.88	2
TOTAL	171.126											
AVERAGE	14.261	0.471	0.650		174	3.0	97.68	1.41	159	7.9	94.72	3.72
MAX	25.742	0.83	1.459		366	3.0	99.18	2.49	209	10	96.88	7.47
CRITERIA		**1.080**				**25**		**27**		**25**		**27**

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CERTIFICATE OF APPROVAL	3-0018-96-006/9566-85BHJK	DESIGN CAPACITY	1.080 x 1000 m3/d

DESCRIPTION Secondary with phosphorus removal

MONTH	AVG RAW PHOS. mg/L	AVG EFF PHOS. mg/L	PERCENT REMOVAL %		AVG EFF LOADING Kg/Day	AVG RAW TKN mg/L	AVG EFF TKN mg/L	PERCENT REMOVAL %	AVG EFF LOADING Kg/Day	AMMONIA AVG/EFF mg/L	AVG RAW PH	AVG EFF PH
JAN.	5.42	0.08	98.52		0.03	49.8	1.28	97.43	0.45	0.2	7.95	6.73
FEB.	5.23	0.07	98.66		0.03	50.6	1.20	97.63	0.43	0.08	7.87	6.63
MAR.	3.82	0.09	97.64		0.07	23.4	1.63	93.03	1.35	0.18	7.72	6.92
APR.	5.35	0.10	98.13		0.06	30.2	0.97	96.79	0.61	0.12	7.45	6.84
MAY	4.33	0.13	97.00		0.07	34.6	1.91	94.48	1.09	0.38	7.74	6.94
JUN.	5.44	0.23	95.77		0.09	47.3	1.27	97.32	0.52	0.40	7.88	6.92
JUL.	6.14	0.28	95.44		0.10	52.8	0.70	98.67	0.26	0.04	8.03	6.69
AUG.	5.97	0.25	95.81		0.11	40.8	0.86	97.89	0.37	0.04	7.69	6.69
SEP.	5.81	0.17	97.07		0.07	40.0	1.03	97.43	0.42	0.01	7.69	6.63
OCT.	5.27	0.17	96.77		0.07	29.7	1.40	95.29	0.61	0.14	7.86	6.63
NOV.	4.04	0.14	96.53		0.07	22.5	0.23	98.98	0.11	0.23	7.72	6.71
DEC.	5.47	0.15	97.26		0.06	43.1	0.10	99.77	0.04	0.10	7.87	6.66
TOTAL												
AVERAGE	5.19	0.16	97.05		0.07	38.73	1.05	97.06	0.52	0.16	7.79	6.75
MAX	6.14	0.28	98.66		0.11	52.80	1.91	99.77	1.35	0.40	8.03	6.94
CRITERIA		**1.00**			**1.10**					**5.00**		

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MUNICIPALITY Eganville

YEAR **2012**

PROJECT Eganville Water Pollution Control Plant

WATER COURSE BONNECHERE RIVER

CERTIFICATE OF APPROVAL 3-0018-96-006/9566-85BHJK

DESIGN CAPACITY 1.080 x 1000 m3/d

DESCRIPTION Secondary with phosphorus removal

MONTH TOTAL

	FLOW 1000m3	Sodium Kg Used	Hypo Mg/Litre	Chloride	Residual	Avg. Eff. E.Coli	Pre Hydr Alum. Kg Used	Sulphate Mg/Litre		Sodium Bisulphite Kg Used	Mg/Litre	Number of Bypass
JAN.	10.976	59.16	5.39		0.0	<2	999.27	91.04		24.70	2.25	0
FEB.	10.400	52.56	5.05		0.0	4	950.53	91.40		24.32	2.35	0
MAR.	25.742	128.04	4.97		0.0	3	2048.53	79.58		59.28	2.25	0
APR.	18.969	83.88	4.42		0.0	2	1485.47	78.31		31.16	1.65	0
MAY	17.699	87.36	4.94		0.0	9	1433.60	81.00		29.83	1.68	0
JUN.	12.335	62.04	5.03		0.0	6	1051.14	85.22		23.94	1.96	0
JUL.	11.412	75.67	6.63		0.0	18	952.00	83.42		24.80	2.33	0
AUG.	12.531	93.36	7.45		0.0	<2	1026.14	81.89		25.65	2.06	0
SEP.	11.520	76.32	6.63		0.0	2	954.90	82.89		28.12	2.48	0
OCT.	13.484	86.64	6.43		0.0	2	986.15	73.13		28.88	2.23	0
NOV.	14.398	67.08	4.66		0.0	2	993.65	69.01		27.55	1.84	0
DEC.	11.660	67.32	5.77		0.0	2	829.29	71.12		26.03	2.25	0
TOTAL	171.126	939.43					13710.67			354.26		
AVERAGE	14.261	78.29	5.61		0.0	5	1143	80.67		29.52	2.11	0
MAX	25.742	128.04	7.45			18	2048.53	91.40		59.28	2.48	
CRITERIA												

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DESCRIPTION Secondary with phosphorus removal

AMMONIA: Effluent Concentration Results

Un-ionized Ammon Effluent Concentration Results

Date	NH3-N Mg/	Kg/Day	NH3 Mg/l		Date	NH3-N Mg/	Kg/Day	NH3 Mg/l	Date	NH3-N Mg/l	Kg/Day	NH3 Mg/l
Jan.4	0.56	0.20	0.00066		Mar. 6	0.01	0.01	0.00001	May.1	0.01	0.01	0.00001
Jan.9	0.01	0.00	0.00001		Mar.13	0.95	0.79	0.00155	May.7	0.06	0.03	0.00002
Jan.10	0.01	0.00	0.00001		Mar.19	0.01	0.01	0.00002	May.14	0.01	0.01	0.00001
Jan.16	0.20	0.07	0.00015		Mar.20	0.01	0.01	0.00002	May.15	1.91	1.09	0.00044
Jan.23	0.35	0.12	0.00026		Mar.22	0.07	0.06	0.00022	May. 22	0.01	0.01	0.00001
Jan.24	0.05	0.02	0.00003		Mar.28	0.01	0.01	0.00002	May.28	0.10	0.06	0.00003
Jan.30	0.25	0.09	0.00014						May.29	0.55	0.31	0.00016
Feb.6	0.2	0.07	0.00013		Apr.3	0.05	0.03	0.00005	Jun.6	0.30	0.12	0.00106
Feb.7	0.02	0.01	0.00001		Apr.11	0.01	0.01	0.00001	Jun.12	0.43	0.18	0.00059
Feb.13	0.01	0.00	0.00001		Apr.17	0.01	0.01	0.00000	Jun.19	0.56	0.23	0.00014
Feb.21	0.25	0.09	0.00016		Apr.20	0.40	0.25	0.00005	Jun.26	0.33	0.14	0.00048
Feb.22	0.01	0.00	0.00001		Apr.24	0.01	0.01	0.00001				
Feb.28	0.01	0.00	0.00001									
CRITERIA	5.00	5.40				5.00	5.40			5.00	5.40	

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Un-ionized Ammon Effluent Concentration Results

Date	NH3-N Mg/	Kg/Day	NH3 Mg/l		Date	NH3-N Mg/	Kg/Day	NH3 Mg/l	Date	NH3-N Mg/l	Kg/Day	NH3 Mg/l
Jul.3	0.11	0.04	0.00033		Sept.4	0.01	0.00	0.00002	Nov.5	0.01	0.00	0.00001
Jul.9	0.01	0.00	0.00002		Sept.10	0.01	0.00	0.00001	Nov.6	0.01	0.00	0.00001
Jul.17	1.04	0.38	0.00202		Sept.12	0.01	0.00	0.00001	Nov.12	0.01	0.00	0.00001
Jul.23	0.30	0.11	0.00066		Sept.17	0.01	0.00	0.00002	Nov.19	0.70	0.34	0.00005
Jul.30	0.80	0.29	0.00009		Sept.25	0.01	0.00	0.00002	Nov.20	0.01	0.00	0.00001
Jul.31	0.10	0.04	0.00001		Sept.27	0.01	0.00	0.00001	Nov.26	0.20	0.10	0.00019
Aug.7	0.06	0.03	0.00001		Oct.1	0.01	0.00	0.00001	Dec.3	0.20	0.08	0.00015
Aug.13	0.06	0.03	0.00008		Oct.8	0.01	0.00	0.00001	Dec.4	0.10	0.04	0.00001
Aug.14	0.01	0.00	0.00001		Oct.9	0.39	0.17	0.00005	Dec.10	0.20	0.08	0.00009
Aug.11	0.02	0.01	0.00004		Oct.15	0.40	0.17	0.00005	Dec.18	0.01	0.00	0.00001
Aug.21	0.02	0.01	0.00001		Oct.22	0.01	0.00	0.00001	Dec.24	0.06	0.02	0.00001
Aug.28	0.01	0.00	0.00001		Oct.29	0.01	0.00	0.00001	Dec.31	0.01	0.00	0.00001
CRITERIA	5.00	5.40				5.00	5.40			5.00	5.40	