

City of Cornelia, Georgia WPCP Summary DMR Data Sheet, 200

2009

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	Monthly Avg Flow, MGD	Max Wkly Flow, MGD	Inf BOD, Kg/d, Avg	Inf BOD, Kg/d, Max	Inf BOD, mg/l, Avg	Inf BOD, mg/l, Max	Fecals, Avg	Fecals, Max
January	2.212	2.373	2503	3045	276	319	4	11
February	2.267	2.503	2012	2430	212	241	4	6
March	2.061	2.121	2219	2329	265	292	4	10
April	1.968	2.118	1896	2139	231	262	14	147
May	2.195	2.529	2083	2464	217	263	2	3
June	2.055	2.211	2560	2817	279	313	2	4
July	1.847	1.967	2721	2852	330	367	2	3
August	1.888	1.985	2806	3016	336	382	5	10
September	1.849	1.879	3051	3194	358	377	2	2
October	2.017	2.336	3004	3216	349	423	5	8
November	1.746	1.814	2848	3051	359	372	13	26
December	1.944	2.234	3759	4414	415	530	5	32
Avg's:	2.004	2.173	2622	2914	302	345	5	22

	Tot. Res Cl ₂ , mg/l, Max	Minimum D.O., mg/l	Eff BOD, Kg/d, Avg	Eff BOD, Kg/d, Max	Eff BOD, mg/l, Avg	Eff BOD, mg/l, Max	Eff pH, Minimum	Eff pH, Maximum
January	BDL	8.8	14.1	15.7	1.5	1.6	7.0	7.9
February	BDL	9.2	17.0	20.0	1.7	1.9	6.2	7.8
March	BDL	8.7	13.4	16.0	1.6	1.8	6.5	7.6
April	BDL	8.2	11.0	14.0	1.4	1.5	6.4	7.8
May	BDL	6.9	20.4	43.0	2.1	4.5	6.3	7.9
June	BDL	6.7	9.2	12.4	1.0	1.3	7.1	7.9
July	BDL	6.3	11.1	18.2	1.4	2.2	7.0	7.7
August	BDL	6.1	21.9	29.4	2.6	3.6	6.6	7.8
September	BDL	7.0	30.0	61.0	3.6	7.5	6.4	7.4
October	BDL	7.2	19.5	40.0	2.2	4.1	6.7	7.5
November	BDL	8.0	14.0	18.0	1.8	2.1	6.3	7.7
December	BDL	8.6	19.3	23.0	2.1	2.8	6.0	7.5
Avg's:	#DIV/0!	7.6	16.7	25.9	1.9	2.9	6.5	7.7

	Inf TSS, Kg/d, Avg	Inf TSS, Kg/d, Max	Inf TSS, mg/l, Avg	Inf TSS, mg/l, Max	Eff TSS, Kg/d, Avg	Eff TSS, Kg/d, Max	Eff TSS, mg/l, Avg	Eff TSS, mg/l, Max
January	920	1524	101	170	62.0	85.0	6.6	8.7
February	836	1063	88	106	97.0	136.0	10.2	13.2
March	1178	1598	143	207	69.0	76.0	8.2	8.8
April	989	1280	116	150	61.4	68.0	7.3	8.3
May	887	1204	92	129	28.5	43.0	2.9	4.4
June	1172	1409	129	155	5.3	6.8	0.6	0.7
July	1147	1482	138	178	11.1	28.8	1.7	2.2
August	1331	1608	164	227	12.7	29.4	1.6	3.6
September	1241	2163	145	250	24.0	40.0	2.8	4.5
October	890	973	104	125	54.0	180.0	5.9	18.7
November	854	1032	109	122	5.8	16.4	3.8	6.9
December	922	1078	106	139	68.2	103.0	7.3	9.6
Avg's:	1031	1368	120	163	41.6	67.7	4.9	7.5

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	Eff Phos, Kg/d, Avg.	Eff Phos, Kg/d, Max.	Eff Phos, mg/l, Avg.	Eff Phos, mg/l, Max.	Eff NH ₃ -N, Avg, Kg/d	Eff NH ₃ -N, Max, Kg/d	Eff NH ₃ -N, Avg, mg/l	Eff NH ₃ -N, Max, mg/l
January	5.6	8.8	0.6	0.9	0.8	1.7	0.1	0.2
February	8.8	11.1	0.9	1.1	0.9	1.0	0.1	0.1
March	8.5	9.3	1.0	1.1	0.4	0.5	0.1	0.1
April	6.4	10.2	0.8	1.2	0.7	2.7	0.1	0.3
May	6.2	9.5	0.6	0.8	0.9	3.6	0.1	0.4
June	5.5	8.1	0.6	0.9	0.5	1.3	0.1	0.1
July	6.0	9.7	0.7	1.1	2.4	9.9	0.3	1.3
August	5.7	7.5	0.7	0.9	3.1	11.2	0.4	1.4
September	6.9	9.5	0.8	1.1	1.0	1.6	0.1	0.2
October	7.1	14.1	0.8	1.8	2.2	7.5	0.2	0.8
November	3.7	5.5	0.5	0.7	5.8	16.4	0.7	2.0
December	10.3	15.0	1.1	1.4	5.9	11.4	0.6	1.1
Avg's:	6.7	9.9	0.8	1.1	2.1	5.7	0.2	0.7

	% BOD Removal, Min	% TSS Removal, Min	ds,Sludge, Total, y Weight, LBS
January	99.4%	92.4%	62,860
February	99.2%	88.3%	55,940
March	99.4%	92.4%	63,300
April	99.4%	92.9%	58,360
May	99.0%	96.6%	39,340
June	99.6%	99.5%	71,880
July	99.6%	98.5%	71,460
August	99.2%	98.9%	60,740
September	99.0%	97.5%	76,700
October	99.3%	93.0%	76,000
November	99.5%	96.6%	75,160
December	99.5%	92.9%	30,280
Avg's:	99.3%	95.0%	61835 742,020