





City of Cornelia, Georgia WPCP Summary DMR Data Sheet, 2003 Calendar Year


	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	2.406	2.631	2327	3385	265	420	10	10
February	2.399	2.634	2577	6109	277	407	10	10
March	2.516	2.722	3257	8359	315	607	15	53
April	2.255	2.698	3087	5583	338	707	10	11
May	2.544	2.686	2803	4426	296	404	13	26
June								
July	2.675	3.033	3391	7141	331	567	27	118
August	2.352	2.661	3404	8100	373	743	44	188
September	2.464	2.688	2827	4802	308	477	46	271
October	2.403	2.860	2775	6314	313	594	15	54
November	2.271	2.394	2130	2448	255	292	14	42
December	2.160	2.339	2654	3079	318	355	23	43
Avg's:	2.404	2.668	2839	5431	308	507	21	75

	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	8.9	26.0	54.0	2.9	5.0	6.0	7.2
February	BDL	8.9	14.2	21.4	1.6	2.0	6.4	7.9
March	BDL	8.3	13.5	17.6	1.3	1.7	6.1	8.3
April	BDL	6.4	14.8	17.8	1.6	2.0	6.6	8.0
May	BDL	6.4	16.8	20.1	1.8	2.0	6.8	8.2
June								
July	BDL	6.7	21.5	26.5	2.2	3.0	6.8	8.1
August	BDL	6.0	18.0	27.1	2.0	2.7	7.1	7.9
September	BDL	6.2	14.8	19.2	1.7	2.3	6.6	7.9
October	BDL	6.4	16.7	20.6	1.9	2.7	6.5	7.5
November	BDL	6.6	14.1	15.6	2.0	2.0	6.7	8.3
December	BDL	8.8	15.7	24.4	2.0	3.0	6.0	8.2
Avg's:		7.2	16.9	24.0	1.9	2.6	6.5	8.0

	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	412	661	47	79	18.6	33.8	2.0	3.2
February	1295	2659	138	276	11.0	26.2	1.0	1.9
March	1604	3233	161	295	7.1	13.0	0.7	1.4
April	1668	2511	190	223	11.8	30.1	1.2	2.8
May	795	1217	82	123	12.8	19.6	1.3	2.2
June								
July	903	1572	89	146	4.7	8.3	0.5	1.0
August	1895	4312	208	474	8.7	16.4	1.0	2.0
September	1361	2713	149	313	20.5	44.0	2.2	4.4
October	1190	2256	136	257	33.7	53.9	3.8	6.2
November	1683	2505	196	327	22.1	34.0	3.0	4.0
December	1976	2279	237	338	22.5	40.0	3.0	5.0
Avg's:	1344	2356	148	259	15.8	29.0	1.8	3.1

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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	11.0	15.9	1.3	2.0	1.0	1.3	0.1	0.1
February	14.9	27.0	1.7	1.8	0.9	1.0	0.1	0.1
March	17.2	26.8	1.7	1.8	2.0	5.5	0.2	0.2
April	16.4	27.1	1.8	1.8	1.0	1.2	0.1	0.1
May	15.9	19.7	1.7	1.8	2.6	4.2	0.2	0.3
June								
July	13.1	19.5	1.4	1.8	4.1	10.7	0.4	0.4
August	14.1	19.4	1.6	1.8	2.1	4.7	0.2	0.2
September	15.5	20.9	1.7	1.8	1.6	2.3	0.2	0.2
October	15.9	25.6	1.8	1.8	2.8	8.5	0.4	0.4
November	13.7	16.7	1.7	1.8	1.3	1.5	0.1	0.2
December	11.8	12.7	1.8	1.8	1.1	1.5	0.1	0.2
Avg's:	14.5	21.0	1.7	1.8	1.9	3.9	0.2	0.2

	% BOD Removal, Min	% TSS Removal, Min	Eff Copper, mg/l	Eff Zinc, mg/l	Upstream Cu, mg/l	Downstrm Cu, mg/l	Upstream Zn, mg/l	Downstrm Zn, mg/l
January	95.0%	50.0%	<0.02	0.052	<0.02	<0.02	<0.02	0.034
February	99.0%	90.0%	<0.02	0.047	<0.02	<0.02	0.027	0.042
March	99.0%	98.0%	<0.02	<0.02	<0.02	<0.02	0.024	0.050
April	99.0%	88.0%	<0.02	0.035	<0.02	<0.02	0.028	0.035
May	99.0%	85.0%	<0.02	0.056	<0.02	<0.02	0.044	0.050
June								
July	98.0%	94.0%	<0.02	0.085	<0.02	<0.02	<0.02	<0.02
August	99.0%	94.0%	<0.02	0.053	<0.02	<0.02	<0.02	<0.02
September	99.0%	85.0%	<0.02	0.054	<0.02	<0.02	<0.02	0.030
October	99.0%	53.0%						
November	99.0%	91.0%	<0.02	0.073	<0.02	<0.02	<0.02	<0.02
December	98.8%	92.6%	<0.02	0.078	<0.02	<0.02	<0.02	<0.02
Avg's:	98.5%	83.7%						