





City of Cornelia, Georgia WPCP Summary DMR Data Sheet, 2006 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	2.605	2.834	1921	2578	176	250	3	11
February	2.316	2.815	1694	1922	167	205	2	3
March	2.203	2.326	1800	1906	184	200	1	1
April	1.957	2.122	1972	2399	208	269	2	2
May	2.260	2.345	2329	3312	231	333	3	6
June	2.165	2.177	2152	2773	219	259	3	4
July	2.075	2.179	2622	4105	267	433	2	3
August	2.199	2.355	2392	2594	245	276	4	8
September	2.140	2.247	2952	3956	290	393	2	3
October	2.353	2.642	2615	3511	249	334	3	7
November	2.209	2.541	2920	6390	279	633	4	13
December	2.078	2.214	2016	2102	204	225	2	4
Avg's:	2.213	2.400	2282	3129	227	318	3	5

	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	0.09	8.8	47.0	58.0	4.0	5.0	7.1	8.0
February	0.07	8.6	38.0	45.0	4.0	4.0	7.0	7.9
March	0.04	8.2	47.3	77.5	5.0	7.5	7.0	7.8
April	0.09	7.0	22.7	26.2	2.0	2.7	7.1	7.8
May	0.15	7.0	42.8	57.0	4.0	5.8	7.2	7.9
June	0.05	7.3	46.0	74.0	5.0	7.7	7.1	7.9
July	0.08	7.1	50.7	62.9	5.0	6.7	7.0	7.7
August	0.04	7.1	20.0	26.0	2.0	2.6	7.1	7.8
September	0.07	7.1	19.4	29.8	2.0	2.8	7.0	7.6
October	0.06	7.0	23.8	33.5	2.0	3.1	6.6	7.7
November	0.07	7.8	15.4	19.3	1.0	1.8	6.3	7.8
December	0.04	7.9	18.2	20.2	1.8	2.0	6.1	7.9
Avg's:	0.070833333	7.6	32.6	44.1	3.2	4.3	6.9	7.8

	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	563	770	51	70	5.0	15.0	0.4	1.4
February	529	603	52	53	3.1	8.9	0.3	0.9
March	375	561	39	54	6.3	17.9	0.6	1.5
April	820	2345	91	269	2.7	6.8	0.3	0.7
May	1401	3925	142	400	18.4	30.0	1.8	2.7
June	5527	12924	219	1325	9.8	25.9	1.0	2.7
July	1692	5904	178	625	17.0	28.3	1.7	2.8
August	1660	4586	245	466	6.7	11.2	2.0	1.2
September	2019	2997	200	301	6.0	12.5	0.6	1.2
October	1633	2399	157	229	19.7	51.4	1.9	4.8
November	1976	4707	191	468	11.4	16.8	1.1	1.7
December	1134	2427	109	222	12.6	24.0	1.3	2.6
Avg's:	1611	3679	140	374	9.9	20.7	1.1	2.0

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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	16.6	27.7	1.5	2.6	1.0	3.2	0.1	0.3
February	21.4	24.4	2.1	2.4	2.7	4.9	0.3	0.5
March	13.1	16.1	1.4	1.7	2.5	5.4	0.2	0.5
April	12.2	17.5	1.4	2.3	2.1	5.1	0.2	0.5
May	10.7	12.8	1.1	1.3	17.7	34.7	1.8	3.5
June	14.3	22.2	1.5	2.3	8.1	24.2	0.8	2.5
July	20.3	21.2	2.1	2.2	0.3	0.5	0.03	0.05
August	18.9	22.1	1.9	2.2	1.1	4.4	0.1	0.4
September	15.6	20.4	1.6	2.0	0.2	0.4	0.02	0.04
October	28.8	50.7	2.7	4.6	2.8	10.6	0.3	1.0
November	48.2	52.1	4.5	4.8	1.9	4.0	0.2	0.4
December	20.0	25.0	2.0	2.5	0.9	3.2	0.1	0.4
Avg's:	20.0	26.0	2.0	2.6	3.4	8.4	0.3	0.8

	% BOD Removal, Min	% TSS Removal, Min	ff: bis-2-Ethyl phthalate, mg/l
January	96.8%	99.3%	0.01
February	97.7%	99.3%	0.01
March	97.3%	98.2%	0.01
April	98.7%	99.1%	0.01
May	98.2%	96.2%	0.01
June	97.4%	97.7%	0.01
July	97.8%	93.3%	0.01
August	99.1%	98.4%	0.01
September	99.2%	99.2%	0.01
October	99.1%	97.9%	0.01
November	99.3%	97.9%	0.01
December	99.1%	98.2%	0.01
Avg's:	98.3%	97.9%	0.01