





City of Cornelia, Georgia WPCP Summary DMR Data Sheet, 2004 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	2.426	2.859	2426	3887	242	363	12	24
February	2.389	2.516	2563	3380	284	358	12	19
March	2.367	2.701	3504	4275	378	477	25	72
April	2.210	2.259	3489	3925	429	513	15	47
May	2.362	2.465	3210	4043	329	437	10	19
June	2.488	2.853	2216	2856	238	338	13	30
July	2.377	2.669	2125	2463	254	335	8	12
August	2.416	2.477	2203	3476	264	424	5	6
September	2.790	3.150	2439	3265	229	302	2	11
October	2.238	2.448	2292	3453	242	333	2	4
November	2.214	2.369	2336	3164	229	310	1	4
December	2.508	2.854	2254	3041	233	264	2	5
<b>Avg's:</b>	<b>2.399</b>	<b>2.635</b>	<b>2588</b>	<b>3436</b>	<b>279</b>	<b>371</b>	<b>9</b>	<b>21</b>

	Tot. Res Cl <sub>2</sub> , 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	6.9	16	22	2	2	6.8	7.9
February	BDL	7.1	17	22	2	2	6.1	7.9
March	BDL	6.4	24	36	3	4	6.0	8.0
April	BDL	6.7	21	23	3	3	6.9	7.9
May	BDL	6.4	24	29	2	3	6.5	8.0
June	BDL	6.9	34	35	4	5	6.7	7.8
July	BDL	6.7	28	47	3	6	6.0	8.3
August	BDL	6.8	43	55	5	6	6.1	8.0
September	BDL	7.0	66	134	6	13	6.9	8.1
October	BDL	7.0	63	106	6	10	6.3	7.8
November	BDL	7.5	87	128	8	13	6.0	8.0
December	BDL	8.0	31	57	3	5	6.3	8.3
<b>Avg's:</b>		<b>7.0</b>	<b>38</b>	<b>58</b>	<b>4</b>	<b>6</b>	<b>6.4</b>	<b>8.0</b>

	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	1315	3969	126	371	30	57	3	5
February	4140	6860	454	735	7	15	1	3
March	10134	17562	1084	1941	50	110	5	10
April	10811	19434	1384	2702	11	34	1	4
May	2414	3396	244	330	6	19	1	2
June	2467	8349	287	1000	2	7	0.3	1
July	2066	3064	242	413	0.3	0.7	0.03	0.10
August	3360	3476	410	1208	0.2	0.6	0.02	0.10
September	1969	2530	182	224	9	19	1	2
October	1793	2424	197	322	8	15	1	1.5
November	2898	5633	278	508	4	15	0	1
December	2055	2740	261	446	1	2	0.1	0.5
<b>Avg's:</b>	<b>3785</b>	<b>6620</b>	<b>429</b>	<b>850</b>	<b>11</b>	<b>25</b>	<b>1</b>	<b>3</b>

**City of Cornelia, Georgia WPCP Summary DMR Data Sheet, 2004 Calendar Year (con't) (pg 2 of 2)**

	Eff Phos, Kg/d, Avg.	Eff Phos, Kg/d, Max.	Eff Phos, mg/l, Avg.	Eff Phos, mg/l, Max.	Eff NH <sub>3</sub> -N, Avg, Kg/d	Eff NH <sub>3</sub> -N, Max, Kg/d	Eff NH <sub>3</sub> -N, Avg, mg/l	Eff NH <sub>3</sub> -N, Max, mg/l
January	12.0	12.0	1.3	1.3	1.0	1.1	0.1	0.1
February	15.2	15.2	1.8	1.8	1.0	1.0	0.1	0.1
March	16.0	16.0	1.8	1.8	1.3	1.3	0.1	0.2
April	11.1	13.3	1.7	1.8	0.8	0.9	0.1	0.1
May	13.0	16.3	1.4	1.8	0.9	1.0	0.1	0.1
June	42.1	46.7	4.6	5.3	1.1	2.1	0.1	0.2
July	37.0	43.0	4.3	4.7	0.8	1.3	0.1	0.2
August	32.0	41.8	3.9	4.6	1.5	2.1	0.2	0.2
September	38.5	54.6	4.1	5.0	27.0	86.0	2.8	8.8
October	30.0	32.4	3.4	5.0	0.1	0.3	0.00	0.00
November	42.5	62.9	4.3	6.1	0.1	0.4	0.01	0.03
December	36.3	74.0	3.6	6.9	0.03	0.06	0.003	0.01
<b>Avg's:</b>	<b>27.1</b>	<b>35.7</b>	<b>3.0</b>	<b>3.8</b>	<b>3.0</b>	<b>8.1</b>	<b>0.3</b>	<b>0.8</b>

	% 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	99.3%	91.5%	<0.02	0.031	<0.02	<0.02	<0.02	0.022
February	99.3%	98.8%	<0.02	0.038	<0.02	<0.02	<0.02	<0.02
March	98.6%	97.9%	<0.02	0.037	<0.02	<0.02	<0.02	0.024

	% BOD Removal, Min	% TSS Removal, Min	ff: bis-2-Ethyl phthalate, mg/l
April	98.8%	99.8%	<0.01
May	98.5%	96.2%	<0.01
June	93.0%	94.3%	<0.01
July	96.8%	99.6%	<0.01
August	96.4%	99.7%	<0.01
September	92.5%	97.7%	<0.01
October	96.8%	99.4%	<0.01
November	95.8%	99.4%	<0.01
December	97.1%	99.9%	<0.01
<b>Avg's:</b>	<b>96.9%</b>	<b>97.9%</b>	

Added Notes: bis-2-Ethylhexyl phthalate parameter added to permit for April. The value (in mg/l) was <0.01. Copper and Zinc were removed from permit consideration. Passed Chronic Tox Test, June 2004.