

DATE	Flow (MGD)	INF CBOD	EFF CBOD	% Removal	INF TSS	EFF TSS	% Removal	EFF NH3-N	Chronic TOX	Dissolved O2
Jul-06	18.3	158.0	14.2	91%	215.5	15.7	93%	10.2		7.47
Aug-06	17.6	157.6	14.0	91%	203.7	17.7	91%	10.3	36%	7.07
Sep-06	20.2	142.2	13.1	91%	167.6	21.7	87%	7.5		7.35
Oct-06	17.1	168.5	13.0	92%	159.6	16.0	90%	9.8		7.55
Nov-06	19.1	160.0	16.5	90%	191.0	20.2	89%	12.1	36%	8.09
Dec-06	17.9	184.7	15.9	91%	206.4	18.5	91%	14.3		8.58
Jan-07	22.0	149.0	13.1	91%	174.7	19.3	89%	12.6		8.98
Feb-07	17.2	174.7	15.3	91%	193.3	16.1	92%	14.5	36%	9.24
Mar-07	20.0	150.0	16.5	89%	173.2	20.9	88%	13.0		8.96
Apr-07	16.8	149.5	12.8	91%	172.1	18.6	89%	14.8		8.38
May-07	16.2	160.1	11.7	93%	210.0	17.7	92%	14.9	36%	8.10
Jun-07	15.8	189.0	13.6	93%	249.0	18.0	93%	15.4		7.40
Avg.	18.2	161.9	14.1	91%	193.0	18.4	90%	12.5	n/a	8.10
LIMITS	40.0		25.0	85%		30.0	85%		12%	>5.0

DATE	pH (min.)	pH (max.)	Temp. (C)	Conductivity	Fecal Coliform	Cyanide	Total N	Total P	Residual Cl2
Jul-06	7.1	7.5	23.0	834.9	3.2	<10.0	20.0	0.4	0.62
Aug-06	7.0	7.5	24.3	914.6	9.6	11.5			0.64
Sep-06	6.5	7.3	22.6	660.9	28.6	<10.0			0.57
Oct-06	6.9	7.6	21.1	706.2	6.0	<10.0	22.0	4.1	0.68
Nov-06	6.8	7.6	18.0	614.0	4.2	31.9			0.78
Dec-06	6.7	7.6	16.1	609.0	2.7	31.1			1.09
Jan-07	6.7	7.5	14.4	530.2	2.1	43.1	16.5	3.1	1.08
Feb-07	6.8	7.7	13.9	614.2	3.0	67.0			1.13
Mar-07	6.9	7.5	14.9	571.6	2.4	16.1			1.05
Apr-07	6.9	7.3	16.4	585.5	2.5	<10.0	19.0	3.3	0.97
May-07	7.0	7.7	18.9	605.9	4.8	<10.0			0.64
Jun-07	7.2	7.6	21.1	675.7	7.2	<10.0			0.98
Avg.	n/a	n/a	18.7	660.2	n/a	33.5	19.4	2.7	0.85
LIMITS	6.0	9.0			200.0	22.0			28.0

Note: NC-DENR issued new NPDES permit for WWTP in June 2006. New permit left CBOD & TSS effluent limits unchanged, however modified %-removal requirement for each back to 85%, maintained instream monitoring locations (upstream in river adjacent to flume wall at the fish ladder & downstream to Ledges Park), proposed numeric limits for TRC & cyanide & increased cyanide monitoring to weekly.

Chronic Toxicity Limit (12%) - reported as No Observable Effect Concentration (NOEC) - result must be 12% or higher to be compliant

TRC & CN reported as ug/l