

Municipal Sewage From POTW Discharge Water

(002-156)	Raw	Treated	% Removal
BOD (mg/l)	1,050	14	99%+
TSS (mg/l)	4,620	7	99%+
Bacteria (cfu)	110,000,000	2,700	99%+

(002-179)	Raw	Treated	% Removal
BOD (mg/l)	79	0	99%+
TSS (mg/l)	12	6	99%+

(002-187)	Raw	Treated	% Removal
BOD (mg/l)	500	19	96%
TSS (mg/l)	3,245	14	99%+

(006-646)	Raw	Treated	% Removal
BOD (mg/l)	3,345	510	84%
TSS (mg/l)	16,500	165	99%
Volatile Solids	12,300	126	99%
TSS (mg/l)	12	6	50%

Vanderbilt Study	Raw	Treated	% Removal
COD	490	26	94.7%
Total Solids	602	401	43.4%
Suspended Solids	73	7	90.4%
Settleable Solids	21	5	76.2%
Total Hardness	127	11	91.3%
Alkalinity	267	11	95.8%
pH	6.88	7.02	-
IOD	0.98	<0.1	89.8%
BOD	220	9	95.9%
Coliform	318,000/ml	0	99%+
Phosphates	38	0	99%+

After electrocoagulation, treated domestic sewage water will, in most cases, ".....be better than the raw water from which it had originated." 7