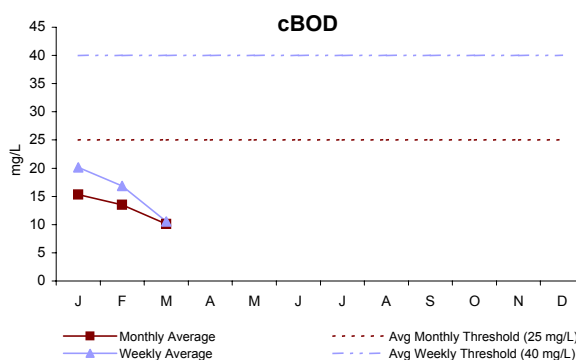
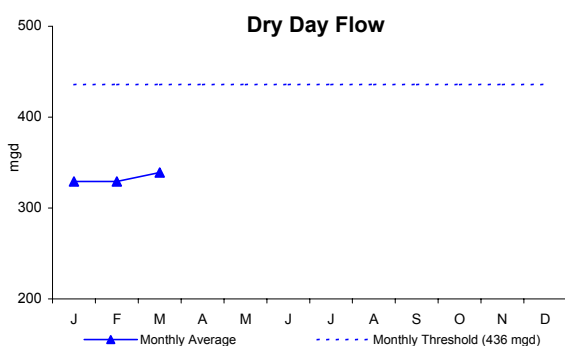


## Contingency Plan Quarterly Report on Deer Island Treatment Plant Effluent Monitoring First Quarter 2005

Effluent Characteristics	Units	Threshold	Threshold Exceedence
Dry Day Flow	mgd	436	0
cBOD: Monthly Avg	mg/L	25	0
Weekly Avg	mg/L	40	0
TSS: Monthly Avg	mg/L	30	0
Weekly Avg	mg/L	45	0
TCR: Monthly Avg	ug/L	456	0
Daily Avg	ug/L	631	0
Fecal Coliform	col/100mL	14000	0
pH: Minimum	SU	6.0	0
Maximum	SU	9.0	0
PCB, Aroclors	ug/L	0.000045	0
Total Nitrogen: Caution Level	mtons/year	12500	0
Warning Level	mtons/year	14000	0
Acute Toxicity: Mysid Shrimp	%	50	0
Acute Toxicity: Inland Silverside	%	50	0
Chronic Toxicity: Inland Silverside	%	1.5	0
Chronic Toxicity: Sea Urchin	%	1.5	0
Oil and Grease, Petroleum Origin (Weekly)	mg/L	15	0
Plant Performance: Caution Level	# of violations	5	0
Warning Level	% noncompliance	5	0

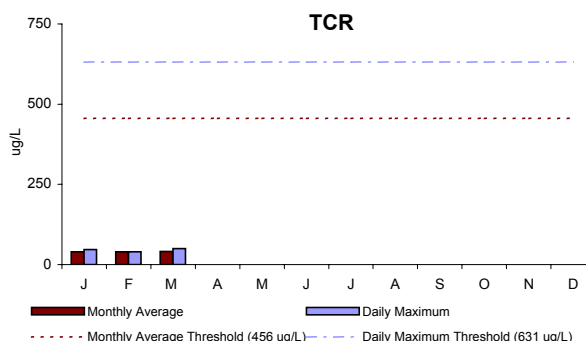
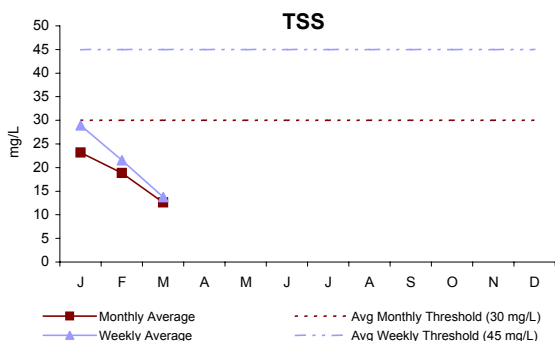
\* - All levels are Warning Levels, unless specified

To date, there have been no Deer Island Treatment Plant National Pollutant Discharge Elimination System (NPDES) permit limit exceedences in Calendar Year (CY) 2005.



The dry day flow is calculated by averaging influent flow over the previous 365 days during dry weather. A dry day is defined as a day with < 0.09 inches of precipitation and no snow melt. In addition, the precipitation for the previous three days must be less than 0.3, 1.0, and 2.0 inches, respectively.

cBOD is a measure of the amount of dissolved oxygen required for the decomposition of organic materials in effluent. The weekly and monthly concentrations for the quarter were below threshold values. The 5-day cBOD percent removal range for the period was 87.5-88.6%.



Effluent Total Suspended Solids is a measure of the amount of solids that remain suspended after treatment. The TSS percent removal range for the period was 91.7-92.7%.

Total Chlorine Residual is the concentration of chlorine in the effluent as it leaves the treatment plant. Chlorine levels will drop off significantly as the effluent travels the length of the 9.5 mile outfall pipe.