Massachusetts Water Resources Authority
Deer Island Treatment Plant Performance
July 2002

The July dry day flow is the average of all dry day flows for the period 8/1/2001 to 7/31/2002.
The dry day flow is calculated by averaging influent flows over the previous 365 days during dry weather.

In July, both the weekly and monthly concentrations were below permit limits. Total Suspended Solids in the effluent is a measure of the amount of solids that remain suspended after treatment.

In July, all permit conditions were met. Fecal Coliform is an indicator of the presence of pathogens. The levels of these bacteria after disinfection show how effectively the plant is inactivating many forms of disease-causing microorganisms. There are 4 conditions in the permit that must be met: daily geomean; a weekly geomean; 10% of all samples; and three consecutive samples not to exceed 14,000 col/100mL.