

### Deer Island Waste Water Treatment Plant

Using the official Deer island website, answer the following questions:

<http://www.mwra.state.ma.us/O3sewer/html/sew.htm>

1. Where is Deer Island located (be specific)?
2. How many communities does the Deer Island waste water treatment plant serve?
3. How much sewage does the plant treat?
4. In a TWO paragraph overview, describe the operations at Deer Island. Be sure to discuss *pumping, primary treatment, secondary treatment, disinfection, and effluent discharge*.
5. What is sludge? What happens to it? What is made from it?
6. How is odor controlled at Deer Island?
7. Print out a diagram of operation and highlight any processes you discussed in the overview.