

October 12, 2010

Mr. Glenn Haas  
Division of Watershed Management  
Department of Environmental Protection  
1 Winter Street  
Boston, MA 02108

Mr. Stephen Perkins  
U.S. Environmental Protection Agency  
Water Enforcement  
OES4-SMR  
5 Post Office Square, Suite 100  
Boston, MA 02109-3912

Re: Massachusetts Water Resources Authority, Permit Number MA0103284  
Part I.7 Quarterly Ambient Monitoring Report

Dear Mr. Haas and Mr. Perkins:

I am pleased to submit the Massachusetts Water Resources Authority's ("MWRA's") quarterly report on ambient monitoring results.<sup>1</sup> Three reports are included. The first details results from MWRA's water quality model runs for calendar year 2008. The second reports on contaminant concentrations in MWRA effluent for 2005-2009. Finally, the third reports the results from MWRA's study of sediment-water nutrient exchanges during 2009.

The quarterly ambient monitoring summary report that is required in the Contingency Plan is attached.

MWRA will provide raw monitoring data upon request. Please let me know if any of MWRA's staff can give you additional assistance regarding these reports.

Sincerely,

Michael J. Hornbrook  
Chief Operating Officer

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<sup>1</sup> Part I.7.c.iv of the permit requires "The results of all monitoring required by the ambient monitoring plan or the eutrophication model shall be reported to EPA, MADEP, OMSAP and NMFS, on a quarterly basis."

Enclosures: Three monitoring reports and one summary reports. These reports are available online. To request a hard copy, please email [web.enquad@mwra.state.ma.us](mailto:web.enquad@mwra.state.ma.us) or call Andrea Rex at (617) 788-4940.

Citation:

Chen C, Tian R, Beardsley RC, Qi J, Xu Q. 2010. **Modeling 2008 in Massachusetts Bay using an upgraded unstructured-grid Bays Eutrophication Model**. Boston: Massachusetts Water Resources Authority. Report 2010-15. 128 p.

Delaney MF. 2010. **Addendum to contaminant monitoring of Deer Island Treatment Plant effluent 2000-2005: Effluent data for 2005-2009**. Boston: Massachusetts Water Resources Authority. Report 2010-14. 4 p.

Tucker J, Kelsey S, Giblin AE. 2010. **2009 Benthic nutrient flux annual report**. Boston: Massachusetts Water Resources Authority. Report 2010-10. 27 p.

**cc:**

**Environmental Protection Agency, Region I (EPA)**

Matthew Liebman (hard copy)

Todd J. Borci

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**National Marine Fisheries Service**

Chris Mantzaris

**Stellwagen Bank National Marine Sanctuary**

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**Massachusetts Department of Environmental Protection (DEP)**

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