

October 12, 2007

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

Mr. Stephen Perkins, Director  
Office of Ecosystem Protection  
U.S. Environmental Protection Agency  
Water Technical Unit "SEW"  
P.O. Box 8127  
Boston, MA 02114

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

Dear Mr. Haas and Ms. Murphy:

I am pleased to submit MWRA's quarterly report on ambient monitoring results.<sup>1</sup> Two interpretive reports are available for submission this quarter. The first report evaluates results from MWRA's monitoring of effluent contaminants from 2000-2005, while the second report evaluates results of MWRA's sediment metabolism and nutrient regeneration monitoring in 2006. The quarterly ambient monitoring summary report that is required in the Contingency Plan is also attached.

Additionally, during the last quarter MWRA has completed a technical users guide to the Bays Eutrophication Model; runs of which are required in the permit. Since the users guide contains no monitoring or modeling results, hardcopies are not included as part of this submission, but interested parties can find it online at <http://www.mwra.state.ma.us/harbor/enquad/pdf/2007-09.pdf>

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."

Enclosure: One monitoring Report.

Delaney MF and Rex AC, 2007. **Contaminant Monitoring of Deer Island Treatment Plant Effluent: 2000 - 2005**. Boston: Massachusetts Water Resources Authority. Report 2007-02. 40 p. <http://www.mwra.state.ma.us/harbor/enquad/pdf/2007-02.pdf>

Tucker J, Kelsey S, Giblin AE and Hopkinson Jr CS, 2007. **2006 Annual Benthic Nutrient Flux Monitoring Report**. Boston: Massachusetts Water Resources Authority. Report 2007-07. 65 p. <http://www.mwra.state.ma.us/harbor/enquad/pdf/2007-07.pdf>

**cc:**

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

Matthew Liebman

Todd J. Borci

Roger Janson (cover letter only)

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

Cathy Vakalopoulos

**Outfall Monitoring Science Advisory Panel**

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Patty Foley (cover letter only)

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John Lipman (cover letter only)