

July 13, 2006

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

Ms. Linda Murphy, 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> Five interpretive reports are available this quarter. Two of these reports evaluate runs of the water transport and water quality models carried out for calendar years 2002 through 2004. Also included are the annual report for water column monitoring in calendar 2004, a brief letter report on winter flounder monitoring in 2005, and a report on marine mammal observations made during MWRA's monitoring in 2005.

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: Five monitoring reports.

Jiang M and Zhou M. 2006a. [The Massachusetts and Cape Cod Bays Hydrodynamic Model: 2002-2004 Simulation](#). Boston: Massachusetts Water Resources Authority. Report 2006-12. 128 p.

Jiang M and Zhou M. 2006b. [Bays Eutrophication Model: 2002-2004 Simulation](#). Boston: Massachusetts Water Resources Authority. Report 2006-13. 126 p.

Libby PS, Geyer WR, Keller AA, Turner JT, Mansfield AD, Borkman DG and Oviatt CA. 2006. [2004 Annual Water Column Monitoring Report](#). Boston: Massachusetts Water Resources Authority. Report 2006-15. 177 p.

Moore, MJ 2006. [2005 Flounder Report](#). Boston: Massachusetts Water Resources Authority. Report 2006-14. 20 p.

Short LM and Michelin D. 2006. [Summary of Marine Mammal Observations During 2005 Surveys](#). Boston: Massachusetts Water Resources Authority. Report 2006-04. 17 p.

**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**

Andrew Solow

Robert Beardsley

Norb Jaworski

Scott Nixon

Judy Pederson

Michael Shiaris

James Shine

Juanita Urban-Rich

Robert Kenney

**National Marine Fisheries Service**

Chris Mantzaris

**Stellwagen Bank National Marine Sanctuary**

Craig MacDonald

**EOEA**

Kathleen Baskin

**Hyannis Library**

Ann-Louise Harries

**MWRA Library**

Mary Lydon

**Public Interest Advisory Committee**

Patty Foley (cover letter only)

**Cape Cod Commission**

Steve Tucker (cover letter only)