

April 15, 2005

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> Three new reports are available for submission this quarter. This includes two interpretive reports describing runs of the water transport and water quality models (the Bays Eutrophication Model) for the 2000 and 2001 field years. The Outfall Monitoring Science Advisory Panel is planning to convene its Model Evaluation Group to review these reports and provide advice on future directions for model runs. Also included in this submission is a report describing marine mammal observations made during 2004. 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."

Enclosure: Four monitoring reports.

Contingency Plan Reports. [Fourth Quarter 2004](#) and [First Quarter 2005](#). Ambient Monitoring.

Jiang M and Zhou M. 2004. [Calibration of the Massachusetts and Cape Cod Bays Hydrodynamic Model: 2000-2001](#). Boston: Massachusetts Water Resources Authority. Report 2004-08. 71 p.

Jiang M and Zhou M. 2004. [Bays Eutrophication Model \(BEM\) Model Verification for the Period 2000-2001](#). Boston: Massachusetts Water Resources Authority. Report 2004-09. 71 p.

Short LM and Schaub E. 2005. [Summary of Marine mammal observations during 2004 surveys](#). Boston: Massachusetts Water Resources Authority. Report ENQUAD 2005-03. 18 pp.

**cc:**

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

Matthew Liebman

Janet Labonte-Deshais

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

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**National Marine Fisheries Service**

Chris Mantzaris

**Stellwagen Bank National Marine Sanctuary**

Craig MacDonald

**EOEA**

Karl Honkonen

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Ann-Louise Harries

**MWRA Library**

Mary Lydon

**Public Interest Advisory Committee**

Patty Foley (cover letter only)

**Cape Cod Commission**

Steve Tucker (cover letter only)