

January 31, 2004

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> This quarter's submission includes three new reports. The reports are runs of MWRA's required water quality model, and the interpretive reports for 2002 for water quality and sediment community monitoring in Massachusetts Bay.

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 reports.

Jiang M. and Zhou M. 2003. [Massachusetts Bay Hydrodynamic Model and Water Quality Model results in 1998-99: Comparison Report between HydroQual and University of Massachusetts Boston Runs.](#) Boston: Massachusetts Water Resources Authority. Report ENQUAD 2003-10. 42 p.

Libby PS, Geyer WR, Keller AA, Turner JT, Borkman D, Oviatt CA, Hunt CD. [2002 Annual Water Column Monitoring Report.](#) Boston: Massachusetts Water Resources Authority. Report ENQUAD 2003-09. 105 p.

Maciolek NJ, Diaz RJ, Dahlen D, Hecker B, Gallagher ED, Blake JA, Williams IP, Emsbo-Mattingly, S, Hunt CD, Keay KE. 2003. [2002 Outfall Benthic Monitoring Report.](#) Boston: Massachusetts Water Resources Authority. Report ENQUAD 2003-13. 166 pages plus appendices.

**cc:**

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

Matthew Liebman  
Janet Labonte-Deshais  
Eric Hall  
Roger Janson (cover letter only)

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

Cathy Coniaris

**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**

Karl Honkonen

**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)