

October 31, 2002

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 five recently finalized interpretive synthesis reports providing results from MWRA's permit-required Ambient Monitoring program. 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."

Two of the enclosed reports contain results of MWRA's water column monitoring in 2001. One contains results of a 2001 study targeting the algae which causes red tide. The final two reports contain 2001 results from MWRA's benthic nutrient flux and fish and shellfish studies, respectively.

MWRA will provide raw monitoring data upon request. If you require additional information or need clarification, please contact Michael Mickelson, Program Manager for Outfall Monitoring at (617) 788-4746.

Please let me know if any of MWRA's staff can give you additional assistance regarding this notification.

Sincerely,

Michael J. Hornbrook  
Chief Operating Officer

Enclosures: Five Monitoring Reports

Anderson DM, Keafer BA, Churchill J, III TCL. 2002. [Post-outfall surveys of toxic \*Alexandrium fundyense\* populations in Massachusetts Bay, 2001](#). Boston: Massachusetts Water Resources Authority. Report ENQUAD 2002-08. 36 p.

Lefkovitz, L., Abramson, S., Hillman, R., Moore, M., and Field, J. 2002. [2001 Fish and Shellfish Report](#). Boston: Massachusetts Water Resources Authority. Report ENQUAD 2002-14. 175 p.

Libby PS, McLeod LA, Mongin CJ, Keller AA, Oviatt CA, Turner JT. 2002a. [Semiannual water column monitoring report: February - June 2001](#). Boston: Massachusetts Water Resources Authority. Report ENQUAD 2002-10. 559 p

Libby PS, Keller AA, Turner JT, McLeod LA, Mongin CJ, Oviatt CA,. 2002b. [Semiannual water column monitoring report: July – December 2001](#). Boston: Massachusetts Water Resources Authority. Report ENQUAD 2002-11. 544 p.

Tucker J, Kelsey S, Giblin AE, and Hopkinson CS. 2002. [Benthic metabolism and nutrient cycling in Boston Harbor and Massachusetts Bay: Summary of baseline data and observations after one year of Harbor-to-Bay diversion of sewage effluent](#). Boston: Massachusetts Water Resources Authority. Report ENQUAD 2002-13. 83 p.

**cc:**

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

Matthew Liebman  
Janet Labonte-Deshais  
Eric Hall  
Roger Janson

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

Steve Lipman  
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**Outfall Monitoring Science Advisory Panel**

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**National Marine Fisheries Service**

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**Stellwagen Bank National Marine Sanctuary**

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**Hyannis Library**

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**Cape Cod Commission**

Steve Tucker