

July 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 six recently finalized interpretive synthesis reports providing results from MWRA's baseline Outfall Monitoring Program and 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."

Four of the enclosed reports deal with modifications to and runs of the Bays Eutrophication Model (BEM) and the hydrodynamic model that serves as input to the BEM. The fifth and sixth contain results of MWRA's water column monitoring in 2000, which include both baseline and discharge monitoring results.

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

Attachments: six Monitoring Reports (click on name of report to open link)

HydroQual. 2001a. [Analysis of the addition of a third algal group to the Bays Eutrophication Model \(BEM\) kinetics](#). Boston: Massachusetts Water Resources Authority. Report ENQUAD 2001-15. 110 p.

HydroQual. 2001b. [Boundary sensitivity for the Bays Eutrophication Model \(BEM\)](#). Boston: Massachusetts Water Resources Authority. Report ENQUAD 2001-14. 90 p.

HydroQual. 2001c. [Addendum to "Bays Eutrophication Model \(BEM\): modeling analysis for the period of 1992-1994"](#). Boston: Massachusetts Water Resources Authority. Report ENQUAD 2001-13. 60 p.

HydroQual, Signell RP. 2001. [Calibration of the Massachusetts and Cape Cod Bays Hydrodynamic Model: 1998-1999](#). Boston: Massachusetts Water Resources Authority. Report ENQUAD 2001-12. 170 p.

Libby PS, Hunt CD, McLeod LA, Geyer WR, Keller AA, Oviat CA, Borkman D, Turner JT. 2001. [2000 Annual Water Column Monitoring Report](#). Boston: Massachusetts Water Resources Authority. Report ENQUAD 2001-17. 196p.

Libby PS, McLeod LA, Mongin CJ, Keller AA, Oviat CA, Turner JT. 2001. [Semi-annual water column monitoring Report: August-December 2000](#). Boston: Massachusetts Water Resources Authority. Report ENQUAD 2001-16. 467p.

cc:

Environmental Protection Agency, Region I (EPA)

Matthew Liebman
Janet Labonte-Deshais
Eric Hall

National Marine Fisheries Service

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Stellwagen Bank National Marine Sanctuary

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