

October 31, 2003

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.¹ This quarter's submission includes one new report on monitoring sediment metabolism and nutrient cycling, and a report on observations of an unusual external lesion observed during out flounder monitoring survey earlier this year.

Additionally, earlier this quarter MWRA submitted a detailed briefing package in support of the OMSAP workshop on July 24, 2003. This briefing package is included in this submission. In late September, MWRA also submitted a draft for OMSAP review of Revision 1 to MWRA's Ambient Monitoring Plan. The draft revised monitoring plan is not included in this mailing.

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

¹ 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, one of which has been previously submitted.

New reports:

Moore MJ. 2003. **Winter flounder ulcer final report for fish and shellfish monitoring.** Boston: Massachusetts Water Resources Authority. Report ENQUAD ms-088. 16 p.

Tucker J, Kelsey S, Giblin A, and Hopkinson C. 2003. **2002 Annual Benthic Nutrient Flux Monitoring Report.** Boston: Massachusetts Water Resources Authority. Report ENQUAD 2003-08. 52 p.

Previously submitted report:

MWRA. 2003. **Briefing for OMSAP workshop on ambient monitoring revisions, July 24, 2003.** Boston: Massachusetts Water Resources Authority. Report ENQUAD ms-086. 26 p.

Not enclosed, but previously submitted: One report.

MWRA. 2003. **Draft Massachusetts Water Resources Authority effluent outfall ambient monitoring plan Revision 1, November 2003.** Boston: Massachusetts Water Resources Authority. Report ENQUAD ms-087. 52 p.

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)