October 10, 2008

Mr. Glenn Haas, Acting Commissioner  
Division of Watershed Management  
Department of Environmental Protection  
1 Winter Street  
Boston, MA 02108

Mr. Stephen Perkins, 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 Mr. Perkins:

I am pleased to submit the Massachusetts Water Resources Authority’s (“MWRA’s”) quarterly report on ambient monitoring results.¹ Five interpretive reports are included. Two reports detail modeling simulations for 2005 conditions (as required in Part I.7.a.(1) of MWRA’s NPDES permit) using the hydrodynamic and Bays Eutrophication Model. The three other reports are a statistical evaluation of changes in fish and shellfish in tissue contaminant levels before and after the bay outfall went online, a summary of the results of MWRA’s effluent and Massachusetts Bay floatables sampling, and the 2007 results of MWRA’s benthic nutrient flux special study.

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

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.”
Enclosure: Five monitoring reports.


cc:

Environmental Protection Agency, Region I (EPA)
Matthew Liebman
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
Robert Kenney

National Marine Fisheries Service
Chris Mantzaris

Stellwagen Bank National Marine Sanctuary
Craig MacDonald

EOEA
Kathy Baskin

Hyannis Library
Ann-Louise Harries

MWRA Library
Mary Lydon

Public Interest Advisory Committee
Patty Foley (cover letter only)

Cape Cod Commission
Tom Cambareri (cover letter only)