

October 11, 2006

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 One interpretive report is available for submission this quarter, describing substantial reductions in sediment metabolism and nutrient regeneration rates in Boston Harbor sediments as they recover from decades of pollution, while finding no changes in these processes in sediments near MWRA's Massachusetts Bay outfall in the five years since outfall start-up.

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: One monitoring Report.

Tucker J, Kelsey S, Giblin A, and Hopkinson C. 2006. **2005 Annual Benthic Nutrient Flux Monitoring Report**. Boston: Massachusetts Water Resources Authority. Report ENQUAD 2006-17. 69p.

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

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Hyannis Library

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MWRA Library

Mary Lydon

Public Interest Advisory Committee

Patty Foley (cover letter only)

Cape Cod Commission

Steve Tucker (cover letter only)