



MASSACHUSETTS WATER RESOURCES AUTHORITY

Charlestown Navy Yard
100 First Avenue, Building 39
Boston, MA 02129

Frederick A. Laskey
Executive Director

Telephone: (617) 242-6000
Fax: (617) 788-4899
TTY: (617) 788-4971

July 12, 2017

Ms. Susan Studlien
Office of Environmental Stewardship
U.S. EPA Region 1
5 Post Office Square, Suite 100
Mail Code OES04-5
Boston, MA 02109-3912

Ms. Susannah King
NPDES Program Manager
Division of Watershed Management
Department of Environmental Protection
1 Winter Street
Boston, MA 02108

RE: Massachusetts Water Resources Authority
Permit Number MA 0103284
Quarterly Ambient Monitoring Results and Contingency Plan Reporting

Dear Ms. Studlien and Ms. King:

In fulfillment of Part I.7.c.iv of the Massachusetts Water Resources Authority ("MWRA") permit, "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," I am pleased to submit the MWRA's quarterly report on ambient monitoring results.

Three reports were completed this quarter. One report simulates 2015 hydrodynamics and water quality in Massachusetts Bay utilizing the Bays Eutrophication Model. The second report is MWRA's Contingency Plan Report for the Second quarter of 2017 for Ambient Monitoring. The third report describes results from water column monitoring in Cape Cod Bay.

Findings in these reports are consistent with observations made since outfall start-up in September 2000, indicating that MWRA's outfall discharge is not adversely impacting the environment.

MWRA will provide raw monitoring data upon request. If you have any questions regarding this matter, please call Betsy Reilly at 617-788-4940.

Sincerely,

Carolyn Fiore,
Deputy Chief Operating Officer

Enclosures: Three Ambient Monitoring reports. These reports are available online. To request a hard copy, please email web.enquad@mwra.state.ma.us or call Betsy Reilley at (617) 788-4940.

Reports:

Costa AS, Taylor DI, Accardo C, Hudak C, McKenna B. 2017. [Water Column Monitoring Results for Cape Cod Bay and Stellwagen Bank National Marine Sanctuary 2014-2016](#). Boston: Massachusetts Water Resources Authority. Report 2017-07. 18 p.

MWRA. 2017. [Contingency Plan Report, Second Quarter 2017: Ambient Monitoring](#). 2 p.

Zhao L, Chen C, Beardsley RC, Codiga DL, Leo WS. 2016. [Simulations of Hydrodynamics and Water Quality in the Massachusetts Bay System during 2015 using the Bays Eutrophication Model](#). Boston: Massachusetts Water Resources Authority. Report 2016-16. 112 p.

Cc:

Environmental Protection Agency, Region I

Susan Studlien (letter and CP report)

Matthew Liebman (hard copy)

Todd Borci

National Marine Fisheries Service

Daniel Morris

Stellwagen Bank National Marine Sanctuary

Benjamin Haskell

US Food and Drug Administration

Martin Dowgert

MA EOEEA

Kathy Baskin

MA Department of Environmental Protection

Susannah King (letter & CP Report)

Kevin Brander

Nihar Mohanty

Cathy Vakalopoulos (hard copy)

MA Division of Marine Fisheries

Michael Hickey

Jack Schwartz

Jeff Kennedy

Terry O'Neil

MA Dept of Public Health

Michael Moore

Cape Cod Commission

Tom Cambareri

ME Dept of Marine Resources

Kohl Kanwit

Outfall Monitoring Science Advisory Panel

Robert Beardsley

Robert Kenney

Judy Pederson

Michael Shiaris

James Shine

Geoffrey Trussell

Juanita Urban-Rich

Public Interest Advisory Committee

Patty Foley

Hyannis Library

Ann-Louise Harries (hard copy)

MWRA Library

Elizabeth Steele (hard copy)