



MASSACHUSETTS WATER RESOURCES AUTHORITY  
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Frederick A. Laskey  
Executive Director

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July 14, 2016

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

Mr. David Ferris  
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 Mr. Ferris:

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.

Two reports were completed this quarter. One report presents indicator bacteria data for Ambient Water Quality Monitoring for Massachusetts Bay from 1999-2014. The other report utilizes the Massachusetts Bay's Eutrophication Model to simulate 2014 hydrodynamics and water quality for the bay.

Also, a hard copy of the on-line Contingency Plan Report, Second Quarter 2016 Ambient Monitoring, is attached.

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,

Michael J. Hornbrook  
Chief Operating Officer

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

**Citations:**

MWRA. July 8, 2016. Contingency Plan Report, 2<sup>nd</sup> Quarter 2016, Ambient Monitoring. Available at <http://www.mwra.state.ma.us/harbor/pdf/2016q2cpqamb.pdf>.

Codiga DL, Rex AC, Coughlin K. 2016. [Indicator bacteria in Massachusetts Bay 1999-2014: Water quality monitoring in receiving waters of the Massachusetts Water Resources Authority outfall.](#) Boston: Massachusetts Water Resources Authority. Report 2016-01. 20 p.

Zhao L, Chen C, Beardsley RC, Codiga DL, Leo WS. 2016. [Simulations of Hydrodynamics and Water Quality in the Massachusetts Bay System during 2014 using the Bays Eutrophication Model.](#) Boston: Massachusetts Water Resources Authority. Report 2016-03. 103p.

**Cc:**

**Environmental Protection Agency, Region I**

Matthew Liebman (hard copy)

Todd Borci

**National Marine Fisheries Service**

Daniel Morris

**Stellwagen Bank National Marine Sanctuary**

Craig MacDonald

**US Food and Drug Administration**

Martin Dowgert

**MA EOEEA**

Kathy Baskin

**MA Department of Environmental Protection**

David Ferris (letter & CP Report)

Kevin Brander

Nihar Mohanty

Cathy Vakalopoulos (hard copy)

**MA Division of Marine Fisheries**

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**Cape Cod Commission**

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**Outfall Monitoring Science Advisory Panel**

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