



MASSACHUSETTS WATER RESOURCES AUTHORITY

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Frederick A. Laskey
Executive Director

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April 12, 2018

Ms. Karen McGuire
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. McGuire and Ms. King:

In fulfillment of Part I.7.c.iv of the Massachusetts Water Resources Authority's ("MWRA") Deer Island Wastewater Treatment Plant 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. The first report presents a summary of morphology and histopathology results for the 2017 flounder survey in Boston Harbor, Massachusetts Bay, and Cape Cod Bay. The second report is MWRA's Contingency Plan Report for the First quarter of 2018 for Ambient Monitoring. The third report evaluates model simulations of 2016 hydrodynamics and water quality in Massachusetts Bay utilizing the Bays Eutrophication Model.

As has been observed since outfall start-up in September 2000, findings in these reports continue to indicate that the Deer Island Treatment Plant 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 Reilley at 617-788-4940.

Sincerely,

A handwritten signature in black ink that reads "Carolyn M. Fiore".

Carolyn M. 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:

Moore MJ, Nestler EC, Rutecki DA. 2017. [Flounder monitoring report: 2017 results](#). Boston: Massachusetts Water Resources Authority. Report 2017-14. 19 p.

[MWRA. 2018. Contingency Plan Report, First Quarter 2018: Ambient Monitoring. 2 p.](#)

Zhao L, Beardsley RC, Chen C, Codiga DL, Wang L. 2017. [Simulations of 2016 Hydrodynamics and Water Quality in the Massachusetts Bay System using the Bays Eutrophication Model](#). Boston: Massachusetts Water Resources Authority. Report 2017-13. 111pp.

Cc:

Environmental Protection Agency, Region I

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Matthew Liebman (hard copy)
Todd Borci

MA Dept of Public Health

Michael Moore

Cape Cod Commission

Tom Cambareri

National Marine Fisheries Service

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Martin Dowgert

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Susannah King (letter & CP Report)

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