



MASSACHUSETTS WATER RESOURCES AUTHORITY
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Frederick A. Laskey
Executive Director

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July 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.

Two reports were completed this quarter. The first report presents a summary of *in situ* chlorophyll fluorescence, turbidity, and irradiance monitoring on a buoy in Massachusetts Bay through June 2017. The second report is MWRA's Contingency Plan Report for the second quarter of 2018 for Ambient Monitoring.

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 Reilly at 617-788-4940.

Sincerely,

Carolyn M. Fiore,
Deputy 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 or call Betsy Reilley at (617) 788-4940.

Reports:

MWRA. 2018. Contingency Plan Report, Second Quarter 2018: Ambient Monitoring. 5 p.

Roesler, CS. 2018. *In Situ Bio-Optical Observations on NERACOOS Buoy A01 (2005-2017): multichannel calibrated chlorophyll fluorescence, turbidity, and multispectral incident irradiance and upwelling radiance*. Boston: Massachusetts Water Resources Authority. Report 2018-02. 19 p.

Cc:

Environmental Protection Agency, Region I

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