



MASSACHUSETTS WATER RESOURCES AUTHORITY

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Frederick A. Laskey
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October 11, 2019

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. Catherine Vakalopoulos
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. Vakalopoulos:

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. One report summarizes MWRA's continuous biological monitoring in Massachusetts Bay from the past two years (July 2017 - June 2019), with emphasis on marine algae through chlorophyll measurements. The second report summarizes Ambient Monitoring Plan results in the context of providing answers to the remaining 23 questions currently addressed by the monitoring, and presents a summary of Contingency Plan threshold test results from 2000-2018. The third is MWRA's Contingency Plan Report for the third quarter of 2019 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: 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:

Roesler CS. 2019. [Continuous observations of chlorophyll fluorescence and other parameters in Massachusetts Bay, 2005 - 2018.](#) Boston: Massachusetts Water Resources Authority. Report 2019-04. 18 p.

MWRA, 2019. [Ambient Monitoring Plan and Contingency Plan for Massachusetts Bay outfall: Monitoring questions status and 2000-2018 threshold test results.](#) Boston: Massachusetts Water Resources Authority. Report 2019-03. 37 p.

MWRA. 2019. [Contingency Plan Report, Third Quarter 2019: Ambient Monitoring.](#) 7 p.

Cc:

Environmental Protection Agency, Region I

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Matthew Liebman (hard copy)
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