



MASSACHUSETTS WATER RESOURCES AUTHORITY
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Frederick A. Laskey
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April 12, 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. The first report summarizes the findings of sea-floor (benthic) monitoring in Massachusetts and Cape Cod Bays for 2017. The second report presents a summary of morphology and histopathology results for the 2018 flounder survey in Boston Harbor, Massachusetts Bay, and Cape Cod Bay. The third report is MWRA's Contingency Plan Report for the first quarter of 2019 for Ambient Monitoring.

As has been observed since outfall start-up in September 2000, findings in this report 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.com or call Betsy Reilley at (617) 788-4940.

Reports:

Nestler EC, Diaz RJ, Hecker B. 2018. [Outfall benthic monitoring report: 2017 results](#). Boston: Massachusetts Water Resources Authority. Report 2018-05. 57 p. plus appendices.

Moore MJ, Nestler EC, Rutecki DA. 2018. [Flounder monitoring report: 2018 results](#). Boston: Massachusetts Water Resources Authority. Report 2018-08. 18 p.

MWRA. 2019. [Contingency Plan Report, First Quarter 2019: Ambient Monitoring](#). 5 p.

Cc:

Environmental Protection Agency, Region I

Karen McGuire (hard copy)
Matthew Liebman (hard copy)
Todd Borci

National Marine Fisheries Service

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Stellwagen Bank National Marine Sanctuary

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