



MASSACHUSETTS WATER RESOURCES AUTHORITY

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Frederick A. Laskey
Executive Director

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July 15, 2021

Todd Borci
EPA Region 1
5 Post Office Square, Suite 100
Mail Code ECAD4-4
Boston MA, 02109-3912

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 Mr. Borci 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 MWRA's quarterly report on ambient monitoring results. These reports are also available on MWRA's website at <http://www.mwra.state.ma.us/harbor/enquad/trlist.html>.

Three reports were completed this quarter. The first report summarizes water column monitoring results in Cape Cod Bay for 2017-2019. The second report is a demonstration of the updated Bays Eutrophication Model, which was previously sent to EPA, DEP and OMSAP in early May. The third is MWRA's Contingency Plan Report for the second quarter of 2021 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 email Betsy Reilley at betsy.reilley@mwra.com.

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 email Betsy Reilley at betsy.reilley@mwra.com.

Reports:

Costa AS, Taylor DI, James A, Hudak C, McKenna B. 2021. [Water Column Monitoring Results for Cape Cod Bay and Stellwagen Bank National Marine Sanctuary 2017-2019](#). Boston: Massachusetts Water Resources Authority. Report 2021-04. 23 p.

Deltares. 2021. [Demonstration of the updated Bays Eutrophication Model](#). Boston: Massachusetts Water Resources Authority. Report 2021-02. 138 p. plus appendices.

MWRA. 2021 [Contingency Plan Report, Second Quarter 2021: Ambient Monitoring](#). 6p.

Cc:

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Cape Cod Commission
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National Marine Fisheries Service
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