



MASSACHUSETTS WATER RESOURCES AUTHORITY

Deer Island
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Boston, MA 02128

Frederick A. Laskey
Executive Director

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January 12, 2023

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

Catherine Coniaris
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. Coniaris:

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 <https://www.mwra.com/harbor/html/bhrecov.htm>.

MWRA is submitting five reports this quarter. The first and second summarize water column and benthic monitoring results for 2022, respectively. The third is on MWRA's continuous monitoring in Massachusetts Bay, focusing on chlorophyll measurements. The fourth reports on the results from the 2023 flounder monitoring. The last is MWRA's Contingency Plan Report for the fourth quarter of 2023 Ambient Monitoring.

As has been observed since outfall startup 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,

Rebecca Weidman
Deputy Chief Operating Officer

Enclosures: Five Ambient Monitoring reports. These reports are available online. To request a hard copy, please email web.enquad@mwra.com or Betsy Reilley at betsy.reilley@mwra.com.

Reports:

Libby PS, Borkman DG, Geyer WR, Turner JT, Costa AS, Goodwin C, Wang J. 2023. [2022 Water Column Monitoring Results](#). Boston: Massachusetts Water Resources Authority. Report 2023-11. 69 p.

Nestler EC, Madray ME, Goode KL. 2023. [2022 Outfall Benthic Monitoring Results](#). Boston: Massachusetts Water Resources Authority. Report 2023-12. 29 p.

Roesler CS. 2024. [Continuous hourly observations of chlorophyll fluorescence, turbidity, and irradiance in Massachusetts Bay \(2005 – 2022\) reveal earlier and stronger fall phytoplankton blooms](#). Boston: Massachusetts Water Resources Authority. Report 2024-01. 17 p.

Moore MJ, Madray ME, Rutecki DA. 2024. [2023 Flounder Monitoring Results](#). Boston: Massachusetts Water Resources Authority. Report 2023-13. 20 p.

MWRA. 2024. [Contingency Plan Report, Fourth Quarter 2023: Ambient Monitoring](#). 7 p.

Cc:

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