



MASSACHUSETTS WATER RESOURCES AUTHORITY

Deer Island
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Boston, MA 02128

Frederick A. Laskey
Executive Director

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January 15, 2024

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 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/enquad/trlist.html>.

MWRA is submitting six reports this quarter. The first, second, and third summarize water column and benthic monitoring results for 2023, respectively. The fourth is on MWRA's continuous monitoring in Massachusetts Bay, focusing on chlorophyll measurements. The fifth reports on the results from the 2024 flounder monitoring. The last is MWRA's Contingency Plan Report for the fourth quarter of 2024 Ambient Monitoring.

As has been observed since outfall startup in September 2000, findings in this ambient monitoring 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 email David Wu at David.Wu@mwra.com.

Sincerely,

Rebecca Weidman
Deputy Chief Operating Officer

Enclosures: Six Ambient Monitoring reports. These reports are available online. To request a hard copy, please email web.enquad@mwra.com or David Wu at David.Wu@mwra.com.

Reports:

Libby PS, Borkman DG, Geyer WR, Turner JT, Costa AS, Rogers J, Goodwin C, Wang J. 2024. [2023 Water Column Monitoring Results](#). Boston: Massachusetts Water Resources Authority. Report 2024- 11. 61p.

Goode KL, Hecker B, Madray ME, Rutecki DA. 2024. [2023 Outfall Benthic Monitoring Results](#). Boston: Massachusetts Water Resources Authority. Report 2024-08. 50 p., plus appendices.

Rutecki DA, Diaz RJ, Madray M, Goode KL. 2024. [2023 Boston Harbor Benthic Monitoring Report](#). Boston: Massachusetts Water Resources Authority. Report 2024-12. 65 p.

Roesler, Collin. 2024. [Continuous hourly observations of chlorophyll fluorescence, turbidity, and irradiance in Massachusetts Bay \(2005 – 2023\) reveal the emergence of summer phytoplankton blooms](#). Massachusetts Water Resources Authority. Report 2024-10. 18 p.

Moore MJ, Madray ME, Rutecki DA. 2024. [2024 Flounder Monitoring Results](#). Boston: Massachusetts Water Resources Authority. Report 2024-13. 22 p.

MWRA. 2025. [Contingency Plan Report, Fourth Quarter 2024: Ambient Monitoring](#). 14 p.

Cc:

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