



MASSACHUSETTS WATER RESOURCES AUTHORITY  
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Frederick A. Laskey  
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October 13, 2015

Ms. Susan Studlien  
Office of Environmental Stewardship  
U.S. EPA Region 1  
5 Post Office Square, Suite 100  
Mail Code OES04-5  
Boston, MA 02109-3912

Mr. David Ferris  
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. Studlien and Mr. Ferris:

In fulfillment of Part I.7.c.iv of the Massachusetts Water Resources Authority ("MWRA's") 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 is a water column report which presents water quality monitoring results from 2014 in Massachusetts and Cape Cod Bays. The second is the 2014 outfall benthic monitoring report which summarizes the results of sea-floor (benthic) monitoring conducted around the outfall in 2014. The last is the chlorophyll calibration report which details the observations of calibrated chlorophyll fluorescence and turbidity at the Northeastern Regional Association of Coastal and Ocean Observing Systems (NERACOOS) buoy in Massachusetts Bay.

In addition, a hard copy of the on-line Contingency Plan Report, Third Quarter 2015, Ambient Monitoring, is attached.

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,

Michael J. Hornbrook  
Chief Operating Officer

**Enclosures:** Three Ambient Monitoring reports. These reports are available online at <http://www.mwra.state.ma.us/harbor/enquad/trlist.html>. To request a hard copy, please email [web.enquad@mwra.state.ma.us](mailto:web.enquad@mwra.state.ma.us) or call Betsy Reilley at (617) 788-4940.

**Citations:**

Libby PS, Borkman DG, Geyer WR, Turner JT, Costa AS. 2015. [2014 Water column monitoring results](#). Boston: Massachusetts Water Resources Authority. Report 2015-09. 42p.

Nestler EC, Diaz RJ, Hecker B, Pembroke AE, Keay KE. 2015. [Outfall Benthic Monitoring Report: 2014 Results](#). Boston: Massachusetts Water Resources Authority. Report 2015-08. 49 pp. plus Appendices.

MWRA. Oct 2015. Contingency Plan Report, 3<sup>rd</sup> Quarter 2015, Ambient Monitoring. Available at <http://www.mwra.state.ma.us/harbor/pdf/2015q3cpqamb.pdf>.

Roesler, CS. 2015. [Hourly, Daily and Seasonal Climatology of In Situ Chlorophyll Fluorescence Observations on NERACOOS Mooring A01 and Comparison with Satellite-derived Chlorophyll Estimates](#). Boston: Massachusetts Water Resources Authority. Report 2015-07. 8 p.

**Cc:**

**Environmental Protection Agency, Region I**  
Matthew Liebman (hard copy)  
Todd Borci

**MA Dept of Public Health**  
Michael Moore

**National Marine Fisheries Service**  
Daniel Morris

**Cape Cod Commission**  
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