



MASSACHUSETTS WATER RESOURCES AUTHORITY
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Frederick A. Laskey
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January 9, 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.

Five reports were completed this quarter. The water column report presents water quality monitoring results from 2013 in Massachusetts and Cape Cod Bays. The flounder monitoring report summarizes the results of the 2014 flounder survey in Boston Harbor and both Massachusetts and Cape Cod Bays. The two chlorophyll calibration reports detail calibration and quality assurance checks carried out on data from chlorophyll sensors deployed on the Northeastern Regional Association of Coastal and Ocean Observing Systems (NERACOOS) buoy in Massachusetts Bay.

Finally, a hard copy of the on-line Contingency Plan Report, Fourth Quarter 2014 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: Five Ambient Monitoring reports. These reports are available online. To request a hard copy, please email 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. 2014. *2013 Water Column Monitoring Results*. Boston: Massachusetts Water Resources Authority. Report 2014-17. 43 p. Available at <http://www.mwra.state.ma.us/harbor/enquad/pdf/2014-17.pdf>.

Moore MJ, Nestler EC, Pembroke, AE. 2014. *Flounder Monitoring Report: 2014 Results*. Boston: Massachusetts Water Resources Authority. Report 2014-16. 18 p. Available at <http://www.mwra.state.ma.us/harbor/enquad/pdf/2014-16.pdf>.

MWRA. January 8, 2015. Contingency Plan Report, 4th Quarter 2014, Ambient Monitoring. Available at <http://www.mwra.state.ma.us/harbor/pdf/2014q4cpqamb.pdf>.

Roesler, CS. 2014. *Calibration and Correction of the Chlorophyll Fluorometer on GoMOOS Buoy A01: Nov 2005 – Jun 2013*. Boston: Massachusetts Water Resources Authority. Report 2014-13. 6 p. Available at <http://www.mwra.state.ma.us/harbor/enquad/pdf/2014-13.pdf>.

Roesler, CS. 2014. *Calibration, Correction and Flagging of Data from the Chlorophyll Fluorometer on GoMOOS Buoy A01: Nov 2005 – Jun 2014*. Boston: Massachusetts Water Resources Authority. Report 2014-14. 11 p. Available at <http://www.mwra.state.ma.us/harbor/enquad/pdf/2014-14.pdf>.

Cc:

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