STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING

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VIA E-MAIL

TO: Governor Rick Snyder
Senate Natural Resources Committee Members
House Natural Resources Committee Members

FROM: C. Heidi Grether, Director C. Heidi Grether

DATE: September 26, 2016

SUBJECT: Report on the Low-Level Radioactive Waste 2014 Survey

In accordance with Section 18a of the Low-Level Radioactive Waste Authority Act, 1987 PA 204, as amended, generators of low-level radioactive waste (LLRW) are required to report annually to the Department of Environmental Quality (DEQ), Low-Level Radioactive Waste Authority, certain information on the volume, type, and activity of the LLRW produced. This report is a brief summary of the information submitted by generators for waste generated in calendar year 2014.

Twenty-three facilities reported that they generated waste requiring off-site disposal. The following table compares 2014 data with that of 2013.

Type of Facility	Number of Facilities Reporting Waste in 2014	Volume of LLRW Generated in 2014 (ft^3)	Number of Facilities Reporting Waste in 2013	Volume of LLRW Generated in 2013 (ft^3)
Academic	10	898	12	1,153
Government	1	8	5	9
Industry	7	393	18	577
Medical	2	9	9	56
Utility	3	50,929	3	44,549
TOTAL	23	52,237	47	46,345*

*Total volumes different due to rounding

LLRW is categorized in Classes. Class A waste comprises the largest volume of LLRW. Michigan waste generators can ship Class A waste to a licensed disposal facility in Utah or Texas or store on-site until decayed to background. Certain organic chemicals and animal carcasses containing low concentrations of certain radioactive materials can also be shipped to licensed out-of-state facilities for incineration. Class B and C wastes are generated in much smaller volumes than Class A waste, but have significantly more radioactivity than Class A waste. Class B and C wastes are stored on-site until decayed to background levels or disposed

of in the licensed disposal facility in Texas. The volume of waste generated in 2014 was 50,508 cubic feet of Class A waste, 1,037 cubic feet of Class B waste, and 692 cubic feet of Class C waste.

If you need further information, please contact Robert Skowronek, Radiological Protection Section, Office of Waste Management and Radiological Protection, at 517-614-0882; or you may contact me at 517-284-6700.

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