



HOUSE BILL 576: Allow Aerosolization of Leachate.

**This Bill Analysis
reflects the
contents of the bill
as it was presented
in committee.**

2017-2018 General Assembly

Committee:	House Environment	Date:	April 20, 2017
Introduced by:	Rep. Dixon	Prepared by:	Jennifer McGinnis Committee Counsel
Analysis of:	First Edition		

OVERVIEW: *House Bill 576 would: (i) require the Department of Environmental Quality (Department) to approve aerosolization as an acceptable method of disposal for leachate wastewater collected from a sanitary landfill; and (ii) provide that aerosolization of leachate or wastewater that results in effluent free-production or a zero liquid discharge does not constitute a discharge that requires a permit under the air or water permitting statutes.*

CURRENT LAW/ BACKGROUND: In February 2016, a working group of the Environmental Review Commission met to discuss a variety of issues related to waste management. During that process, the working group received information on aerosolization as a process for disposal of leachate at landfills, and a briefing on aerosolization projects operating within the State. According to information received by the working group¹, aerosolization of wastewater is a process by which larger particles (50-2,000 microns) are formed into droplets and then dispersed over a relatively small area (100' x 300'). Such projects require a permit from the Department's Division of Waste Management.

BILL ANALYSIS: The bill would modify the statute governing permitting authority of the Department over establishment and operation of solid waste management facilities to require the Department to approve aerosolization as an acceptable method of disposal for leachate wastewater collected from a sanitary landfill. In addition, this section would provide that aerosolization of leachate or wastewater that results in effluent free-production or a zero liquid discharge does not constitute a discharge that requires a permit under the air or water permitting statutes.

EFFECTIVE DATE: The bill would be effective when it becomes law.

¹ See additional information at [http://www.ncleg.net/gascripts/DocumentSites/browseDocSite.asp?nID=12&sFolderName=\2015-2016 ERC Documents\Waste Working Group \(S.L. 2015-241, Sec. 14.21\(a\)\(b\)\)\1 - February 10, 2016](http://www.ncleg.net/gascripts/DocumentSites/browseDocSite.asp?nID=12&sFolderName=\2015-2016 ERC Documents\Waste Working Group (S.L. 2015-241, Sec. 14.21(a)(b))\1 - February 10, 2016)

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