

## SEWAGE SLUDGE DISPOSAL IN OHIO FOR 2016

Publicly owned treatment works and semi-public treatment works (hereinafter collectively referred to as POTWs) in Ohio are required to have an effective National Pollutant Discharge Elimination System (NPDES) permit to discharge effluent to waters of the State. Part II of most NPDES permits requires the submittal of an annual sewage sludge report describing sewage sludge use or disposal activities for the previous year. The purpose of this requirement is to provide information on sewage sludge management trends, to identify areas where the Ohio Environmental Protection Agency should focus its technical and compliance assistance efforts and to provide data to support public education and outreach activities.

There are several means by which POTWs in Ohio use or dispose of sewage sludge. The most common are land application for agronomic benefit, incineration and disposal in a landfill. The following is a breakdown of sewage sludge beneficial use/disposal in Ohio and the number of facilities that reported for 2016.

2016 Sewage Sludge Use/Disposal	Dry tons	Percent Use	# of facilities
Exceptional Quality (EQ) biosolids land applied or distributed for sale	40,615.48	13.8%	21
Class B biosolids beneficially used	97,384.46	33.1%	174
Sewage sludge disposed of in a landfill	78,692.51	26.7%	289
Sewage sludge incinerated	77,653.60	26.4%	5
<b>Total sewage sludge disposed/beneficially used</b>	<b>294,346.05</b>		<b>489</b>



