

SEWAGE SLUDGE DISPOSAL IN OHIO FOR 2015

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 for 2015.

Sewage Sludge Use/Disposal for 2015	Dry tons	Percent Use	# of facilities
Exceptional Quality (EQ) biosolids land applied or distributed for sale	35,124.50	12.3%	22
Class B biosolids land applied	76,933.18	27.0%	186
Sewage sludge disposed of in a landfill	83,464.58	29.3%	278
sewage sludge incinerated	88,999.77	31.3%	7
Total sewage sludge disposed/beneficially used	284,522.03		493

