

Fiscal Estimate Narratives

DNR 1/8/2018

LRB Number	17-4943/1	Introduction Number	SB-646	Estimate Type	Original
Description exempting certain facilities from solid waste facility regulations					

Assumptions Used in Arriving at Fiscal Estimate

This bill exempts pyrolysis and gasification facilities from certain laws relating to solid waste facilities. A pyrolysis facility is defined as one where post-use plastics are heated until decomposed and then converted into other materials such as liquid fuel, while a gasification facility is defined as one where post-use plastics and certain other materials are heated and converted into fuel or other chemical feedstock. Under current law, these types of facilities would need to obtain an NR 502.08 solid waste processing license if it were handling solid waste. Such a facility would also likely need a solid waste storage license.

There are currently no licensed pyrolysis or gasification facilities operating in Wisconsin. Since it is unknown how many of these type of facilities may be proposed as a result of the bill, the fiscal effect at the state and local level is indeterminate.

A. Costs

1. DNR Waste program staff would spend a minimal amount of time to determine if a proposed facility and identified feedstock would meet the newly created exemption.

2. If changes to the Waste program allow more sources to construct, the Air program may spend some amount of time determining if an air permit is needed and processing such a permit.

B. Revenues

1. As there are currently none of the aforementioned facilities licensed in the state, program revenue related to annual licensing fees (\$550/year/license) would not be impacted.

2. Diversion of non-recycled plastics from landfill disposal may decrease tipping fee revenues collected from landfills. The extent of the decrease would be dependent upon the volume of waste diverted from landfills to a pyrolysis or gasification facility. Current state fees for this type of material are \$12.997/ton disposed and is deposited in either the state environmental fund (\$12.84/ton) or as program revenue for DNR solid waste landfill administration (\$0.15/ton) and the DOA Solid Waste Facility Siting Board (\$0.007/ton).

3. If the Air program processes a permit, there would be an initial construction permit fee, as well as annual operating fees.

Long-Range Fiscal Implications