

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Best Available Control Technology (BACT) Guideline

Source Category

Source:	Composting	Revision:	
		Document #:	1
Class:	Green and Food Waste	Date:	6/22/16

Pollutant	BACT 1. Technologically Feasible/Cost Effective 2. Achieved in Practice	TYPICAL TECHNOLOGY
POC	1. n/d 2. 1.6 lb/wet ton of feedstock ^a (Pending ^b)	1. n/d 2. Covered Aerated Static Pile (CASP) with biofilter, and either positive or negative aeration
NO_x	1. n/d 2. n/d	1. n/d 2. n/d
CO	1. n/d 2. n/d	1. n/d 2. n/d
SO₂	1. n/d 2. n/d	1. n/d 2. n/d
PM₁₀	1. n/d 2. n/d	1. n/d 2. n/d
NPOC	1. n/d 2. n/d	1. n/d 2. n/d

References and Notes for BACT Determination

- a. BAAQMD Application # 25019 (West Contra Costa County Landfill). Condition ID# 26088 also includes ammonia emission limit of 0.19 lb/wet ton feedstock. This application did not trigger TBACT for ammonia because hazard index was < 0.2. However, this emission limit could be considered in a future TBACT review.
- b. This BACT determination is not yet effective, pending issuance of the Permit to Operate for Application # 25019, receipt of complying source test and 6 months of successful operation.