

Anaerobic Digesters in Vermont



Cow

Anaerobic Digesters are primarily located on farms. 17 currently operating on farms, 1 at a brewery, and 1 at Vermont Technical College (designated as a farm digester)

Currently AD used as a manure management system, power production (cow power), and the creation of bedding.

Farmers are happy with this, however an increase in power (from higher BTU feedstocks), and a tipping fee for organic waste sounds pretty good.

Some off farm organic waste are handled by AD now and are regulated by the DEC's Indirect Discharge program. Pre consumer waste from larger manufacturers such as Ben and Jerry's.

Indirect certifies the generator not the farm AD. Solid Waste is generally facility driven and want to remain that way.

Concern about the importation of excess nutrients onto the farm. Nutrient Management Plans which are approved by the agency of Agriculture will be the final arbiter on the acceptance of organic waste.

Anaerobic Digesters

Digesters that accept any amount of organics solid waste for use as a feedstock.

Receiving slurried food residuals - A digester which receives food residuals in a slurried condition which is immediately pumped into a reception tank then the Operator shall register with the Secretary pursuant to §6-505.

Receiving unprocessed food residuals- If that feedstock is processed at the digester facility the Operator must obtain a certification pursuant to §6-503.

An anaerobic digester may accept a limited amount of organic solid waste, on a trial basis and not apply for a permit under this section. The trial shall not exceed ~~12 weeks~~ 6 months in duration. The facility shall apply for and receive an insignificant waste management event approval for the activity under the requirements of § 6-504(B).