

What is Aries proposing for Taunton?



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Aries proposes to:

- Build a ***sewage sludge**** treatment facility in the City of Taunton
- Use ***gasification*** to process the sewage sludge

* The waste industry uses greenwashing language to make things sound less harmful. For example, Aries refers to sewage sludge as "biosolids."

The facility would...

- Take in up to 500 tons of sewage sludge per day
- Produce 46 truck trips to/from the facility a day
- Generate 100,000 gallons of wastewater per day
- Send air emissions through a 127+ foot high stack
- Produce 25 tons of **ash*** per day

* Aries refers to ash with the greenwashed term "biochar."

The facility would...

- Sell ***ash*** for use in production of cement, concrete, and soil amendment
- Sell dried ***sewage sludge*** when gasifier is not operating for use as fertilizer and soil remediation

What is sewage sludge?

- ***Sewage sludge*** is the solid or semi-solid leftovers from wastewater treatment plants
- ***Sewage sludge*** is contaminated with substances like steroids, hormones, pharmaceuticals, metals, flame retardants, microplastics, and ***PFAS***
- ***Sewage sludge*** can be class A or class B depending on whether the treatment method removed pathogens

Aries claims that...

- The facility will destroy toxics like **PFAS** through high temperature gasification
- The facility won't discharge toxics like **PFAS** into the air, soil, or water
- Its special technology, something called “fluidized bed gasification,” can accomplish this

What is gasification?

- ***Gasification*** is the high heat, low oxygen processing of waste
- ***Gasification*** is similar to incineration, but it's broken into two parts:
 - 1) Waste is heated in oxygen-poor environment to create synthetic fuel (ash is also a byproduct)
 - 2) Synthetic fuel is burned in an oxygen-rich environment (leaving ash as byproduct)

FLUIDIZED BED GASIFICATION

