



# Organics Polishing System

## OPS

The Organics Polishing System removes contaminants from recovered organic streams, producing a clean feedstock for digestion. The OPS extends digester equipment life, minimizes digester maintenance, and helps facilities produce digestate that meets strict quality standards.

# Feedstock Preparation with organics polishing

## Overview

Organic feedstock produced by Anaergia's Organics Extrusion Press (OREX™) is cleaned by a two-stage process that reliably removes small contaminants such as grit, glass, plastic film, and inert floating material. This efficient system reduces digester maintenance and helps facilities meet strict digestate quality requirements without the need for post screening.

## Applications

- **Feedstock Preparation:** Cleans organic feedstock for anaerobic digestion
- **Improved Digester Performance:** Reduces digester maintenance requirements
- **Improved Biosolids Quality:** Physical contaminants are removed to facilitate production of high quality digestate



## Process

The Organics Polishing System removes all non-conforming materials, plastics, sand and grit from organics recovered by Anaergia's OREX™, producing a clean organic feedstock for digestion.

Organics polishing happens through two processes:

1. Dynamic cyclone
2. Hydrocyclone

## Advantages

- Coupled with Anaergia's OREX™, the OPS removes physical contaminants and avoids build-up of floating plastics and grit in digesters.  
*Extend equipment life with a polished feed*
- Facilitates production of high-quality biosolids with low levels of physical contaminants.
- For multi-site projects, configuration options offer the choice of installation either on site with Anaergia's OREX™ or at a partnering anaerobic digestion facility.

