



Organics Polishing System (OPS)

Remove Grit and Fine Plastics – Maximize Digester Performance and Efficiency

KEY BENEFITS

- **ROBUST:** Carefully designed equipment to handle the toughest waste, and minimize operational downtime
- **EFFICIENT:** Targets and removes plastics 2mm or larger in size and grit as fine as 500µm from organic slurry produced from various feedstocks
- **INTELLIGENT:** Fully automated system, with instrumentation for complete process control, data collection and remote support
- **FLEXIBLE:** Can treat a variety of organic feedstocks including liquid waste and organics from MSW, SSO, agricultural, and commercial waste



OPS at Rialto Bioenergy Facility in Rialto, CA (USA)

ANAERGIA SOLUTION

Anaergia's OPS is a proven system with extraordinary performance. Also available as a skidded solution for standalone de-gritting applications, delivered ready for immediate installation.

The advanced OPS systems include:

- Organic Cake Blending & Mixing Unit
- Anaergia CleanREX for Plastic Removal
- Hydrocyclone for (GritREX) Grit Removal
- Vibrating Screen, Grit Classifier, or Grit Washer and Compactor

Polished Organic Slurry Characteristics

Fine
Plastics
Removed



Grit
Removed



APPLICATIONS

- Anaergia's OPS allows smooth plant operation by ensuring that the buffer tanks and digesters downstream of the OPS are free of floating layers and settled grit. The OPS maximizes digester and pump operation uptime and retains digester tank capacity.
- For complex applications with stringent digestate cake quality requirements, the components utilized in the OPS can be customized to meet your unique process needs. The OPS effectively removes fine plastics and grit from multiple organic feedstocks that are preprocessed by different types of upstream equipment and contain different levels of contamination.
- For standalone de-gritting applications, the Anaergia GritREX system is available. This standardized unit achieves similar grit removal as our OPS system, but is delivered alone on a skid to minimize on-site construction and cost.

