

SYSTEM CASE STUDY: Continuum Packing Solutions – Nevada



FAST FACTS

Project:

- ✓ bioFAS™ MBBR System for Beverage Packing Solutions Company

Industry:

- ✓ Food & Beverage

Application:

- ✓ Biochemical Oxygen Demand (BOD) Removal

bioFAS™ MBBR System Benefits/Highlights:

- ◆ Efficient reduction of BOD
- ◆ Ideal for high and varying loads
- ◆ Cost-effective
- ◆ Compact footprint & modular
- ◆ Easy to operate & maintain

Problem:

Continuum Packing was experiencing high concentrations of BOD in the wastewater due to the products being packaged at the facility. The plant was not able to conform to the effluent discharge requirements set by the local municipality.

Solution:

bioprocessH2O supplied a single stage bioFAS™ MBBR biological treatment process followed by a secondary clarifier designed for BOD and TSS removal.

Status/Results:

The bioFAS™ MBBR System effectively biodegrades the BOD in the process water and continues to meet the local municipality's effluent discharge limits.

System Design Criteria:

Parameter	Influent	Effluent
Wastewater Flow	15,000 GPD	NA
BOD	2,500 mg/L	<400 mg/L
TSS	150 mg/L	<350 mg/L

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