

SYSTEM CASE STUDY: Coca-Cola Refreshments – Massachusetts



FAST FACTS

Project:

- ✓ bioFLOW MBR System for Soft Drink Production & Bottling

Industry:

- ✓ Food & Beverage

Application:

- ✓ Biochemical Oxygen Demand (BOD) Removal

bioFLOW MBR System Benefits/Highlights:

- ◆ Efficient reduction of BOD
- ◆ Cost-effective
- ◆ Fully-automated MBR process
- ◆ Compact footprint & modular
- ◆ Easy to operate & maintain

Problem:

The Coca-Cola Bottling Company was operating an MBR system that failed and was not capable of meeting the permitted discharge requirements.

Solution:

After successful piloting, bioprocessH2O supplied a bioFLOW MBR System to meet the Local Industrial Discharge Permit requirements.

Status/Results:

The bioFLOW MBR System removes >98% of the influent BOD and TSS. The plant provides a robust biological treatment process and a sustained high membrane flux rate.

System Design Criteria:

Parameter	Influent	Effluent
Wastewater Flow	15,000 GPD	-
BOD	25,000 mg/L	<500 mg/L
TSS	350 mg/L	<10 mg/L
FOG	150 mg/L	<10 mg/L

Contact bioprocessH2O today!

