

SYSTEM STUDY: Hood River Juice – Oregon



FAST FACTS

Project:

- ✓ bioFAS™ MTU System for Juice Production

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:

Hood River Juice was building a juice processing facility and needed to construct a wastewater treatment plant to meet their surcharge requirements for BOD and TSS.

Solution:

bioprocessH2O provided a bioFAS™ Mobilized Treatment Unit (MTU) designed for biological treatment of organic wastewater.

Status/Results:

The bioFAS™ MTU System is handling wastewater that has exceeded the design parameters for flow and effectively biodegrades the BOD to meet the effluent discharge standards.

System Design Criteria:

Parameter	Influent	Effluent
Wastewater Flow	36,000 GPD	-
BOD	3,250 mg/L	≤100 mg/L

Contact bioprocessH2O today!

