TECHNOLOGY HIGHLIGHTS

OVIVO° INDUSTRIAL



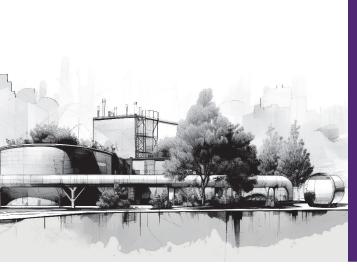


PRE-TREATMENT

HIGH LOAD

PRE-TREATMENT HIGH LOAD | ANAEROBIC REACTORS

Anaerobic Reactors are designed for the treatment of waste and wastewater with high organic content. Anaerobic technology is a cost effective solution for treating industrial effluents which enables you to comply with discharge limits and produce biogas for beneficial in energy recovery.



OVIVO INDUSTRIAL indust

industrial@ovivowater.com

USA: 4246 Riverboat Road, Suite 300 Salt Lake City, UT 84123 **CANADA:** 120 Yellowhead Road Spruce Grove, Alberta, T7X 3B5



HOW IT WORKS

The main principle of anaerobic treatment is the usage of anaerobic biology, the biomass, to convert the organic degradable compounds (COD or BOD) into biogas in an oxygen absent environment. Typical conversion rates of the COD/BOD is between 70 – 95%. The biogas generated consists of mainly methane gas, carbon dioxide, and water vapor with trace amounts of hydrogen sulfide.

There are numerous anaerobic technologies available at Ovivo dependent on the waste/wastewater that needs to be treated and digested. Those technologies range from conventional CSTR systems, to granular high rates systems, to anerobic flotation reactors.

APPLICATIONS AND MARKETS

- Food & Beverage
- Chemical
- Biofuels
- Agricultural
- Municipal
- Pulp & Paper
- Treatment of high strength industrial wastewaters
- Digestion of solids



OVIVO INDUSTRIAL indus

industrial@ovivowater.com

USA: 4246 Riverboat Road, Suite 300 Salt Lake City, UT 84123 CANADA: 120 Yellowhead Road Spruce Grove, Alberta, T7X 3B5



COPYRIGHT© 2024 OVIVO INC. ALL RIGHTS RESERVED — V240110-1055

FEATURES & BENEFITS

- Net energy producer from creation of biogas
- Reduced CO2 emissions
- Lower waste sludge production
- High organic loading rates
- Reduce footprint

