

## DESIGN-BUILD BIOLOGICAL TREATMENT PLANT

ISC constructed a new 1.05 MGD design build biological treatment plant for Frito-Lay's RTE processing facility located in eastern Arkansas.

ISC was able to save Frito-Lay over \$4 million dollars in capital expenditures compared to the solutions offered by our competitors.

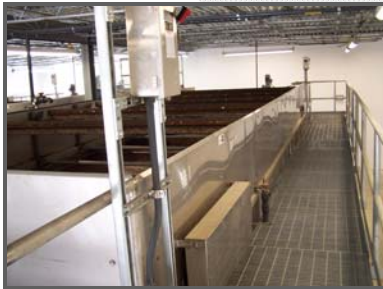
The high rate activated sludge system was designed to remove BOD, TSS and oil & grease from wastewater which has been screened and treated through a first stage gravity clarifier. The system allows the wastewater operator to return sludge to the CMAS reactor if needed to achieve desired effluent quality.



HRAS Treatment Plant



Bolted Stainless Steel Tank



Dissolved Air Flotation



Chemical Feed System



Treatment Building

## INTEGRAL COMPONENTS

- 100' Dia Bolted Stainless Steel Tank
- Two Chamber Lift Station
- Dissolved Air Flotation Cells
- Flocculation Tanks
- Remote System Computer Controls
- Treatment Building
- Jet Aeration/Mixing Station
- Chemical Feed Building
- Sludge Storage/Loading Area
- RAS/WAS Pump Station
- Laboratory
- Influent/Effluent Pump Stations

**"Your satisfaction is our core motivation."**



Jet Aeration System