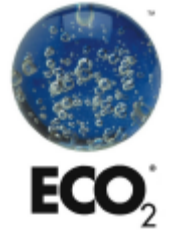


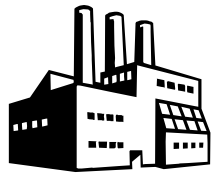
ECO₂ Process Diagram

Dissolved Oxygen / Hydrogen Sulfide Compliance

Paper Mill Application

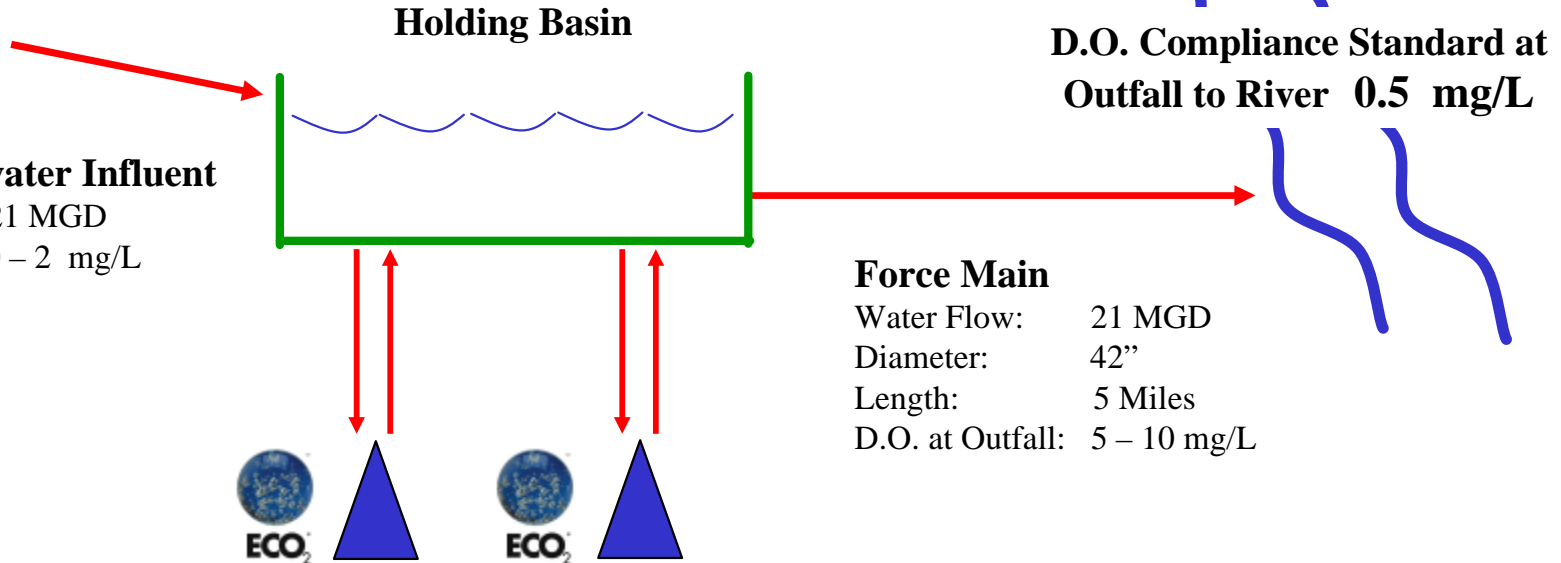


Start Date: 2/10/03



Mill Wastewater Influent

Water Flow: 21 MGD
D.O.: 0 – 2 mg/L



ECO₂ System #1

Oxygen Rate: 6,500 lbs / day
Water Flow: 6,600 gpm
D.O. Discharge: 80 mg/L
kWhr/Ton D.O.: 250 kWhr/Ton

ECO₂ System #2

Oxygen Rate: 6,500 lbs / day
Water Flow: 6,600 gpm
D.O. Discharge: 80 mg/L
kWhr/Ton D.O.: 250 kWhr/Ton

Paper Mill Owner/Operator
Weyerhaeuser Corporation

Woody Bryant
Corporate Environmental
Office: (252) 633-7397

System Cost

| | |
|-------------------------------|------------------|
| ECO ₂ Equipment: | \$225,000 |
| Pumps: | \$50,000 |
| Installation Cost (Caisson) : | \$175,000 |
| Oxygen Cost (\$0.05/lb): | \$650 / Day Peak |