



## MOBILE DEMONSTRATION UNIT MDU 4 - O<sub>2</sub>/O<sub>3</sub>

ANUE has the capability of full-scale pilot testing at customers' facilities using one of several mobile trailer mounted systems for an owner's 'test drive' of the actual system and program performance prior to purchase. Each system is equipped for full scale treatment using oxygen for most industrial wastewater applications. This demonstration also serves as a proof of concept, especially for larger systems – to confirm oxygen demand calculations and system capacity requirements.

### Pilot Study includes the following:

- Mobilization and installation – dedicated trained technician
- Daily monitoring, on site testing and data collection for vapor phase H<sub>2</sub>S, dissolved oxygen and sulfide levels
- Daily log of all performance data and observed results
- De-mobilization – unit shutdown and removal from site
- Final report submitted 5 days after completion of the pilot - including the following data and system performance:
  - \* Optimal oxygen system size to achieve desired results
  - \* Best demonstrated Infusion system design and location
  - \* Daily wet test and sensor monitoring data log of system chemistry

### Specifications

- ANUE provides SO Power Cord – Power source must be within 50 feet of trailer.
- Required power at our breaker box – Ozone - 460VAC/3/60Hz/200A - (Oxygen Only – 100A)
- Capacity – Oxygen 300 LPM / Ozone Max. 2,000 GPH, 180 LPM
- Size, space required - Approximately a 30' x 20' area w/o truck, plus additional space to maneuver trailer into position.
- O<sub>3</sub> Maximum boosted pressure from the MDU - 75 psi, O<sub>2</sub> Maximum boosted pressure - 75 psi
- Support equipment included - Infuser, ORP Data Collection, Odalogers, and Ozone Tube.