MOBILE DAF UNIT

Full-Scale Clarification — Anywhere You Need It

The Mobile DAF Unit is designed for use in the oilfield and industrial plant settings. The unit is mounted on a lowboy trailer with the manufacturing and installation of all necessary ancillary equipment for effective operation as a package unit.

SPECTRUM DAF UNIT

- 90 sq. ft. of free surface area
- 304 stainless steel construction
- Bolt-on, full surface skimmer system complete with stainless steel skimmer blades
- Bottom-settled solids removal cones with automated dump valves and manual air purge valves
- Vapor tight
- Manually adjustable effluent weirs with quick-release locking handles
- Aeration system complete with two (2) stainless steel aeration pump, header, and valves
- Pneumatic control panel with pressure switches, pressure gauges, airflow solenoid valves, pressure gauges for monitoring and control of air to the system
- NEMA 4X Electrical Control Panel complete with main disconnect, starters, lights, switches, transformer, programmable relay controller and terminal connections for automatic or manual operation with alarms for low recirculation pressure, low air pressure, motor failure and high level
  - Class 1 Division II available

ANCILLARY COMPONENTS

- Two (2) Polymer make down skids
- Three (3) 6" SS inline static mixers for additional chemical blending
- 4000 gallon reaction tank for chemical blending
- pH control system
  - Four (4) Chemical metering pumps and SS tubing for pH control
- Vacuum-assist effluent pump
- Collapsible catwalks on DAF Unit for transportation and user-friendly set-up
- Canopy protection from the elements
  - Two (2) Electromagnet flow meters for monitoring flow rates

spectrum

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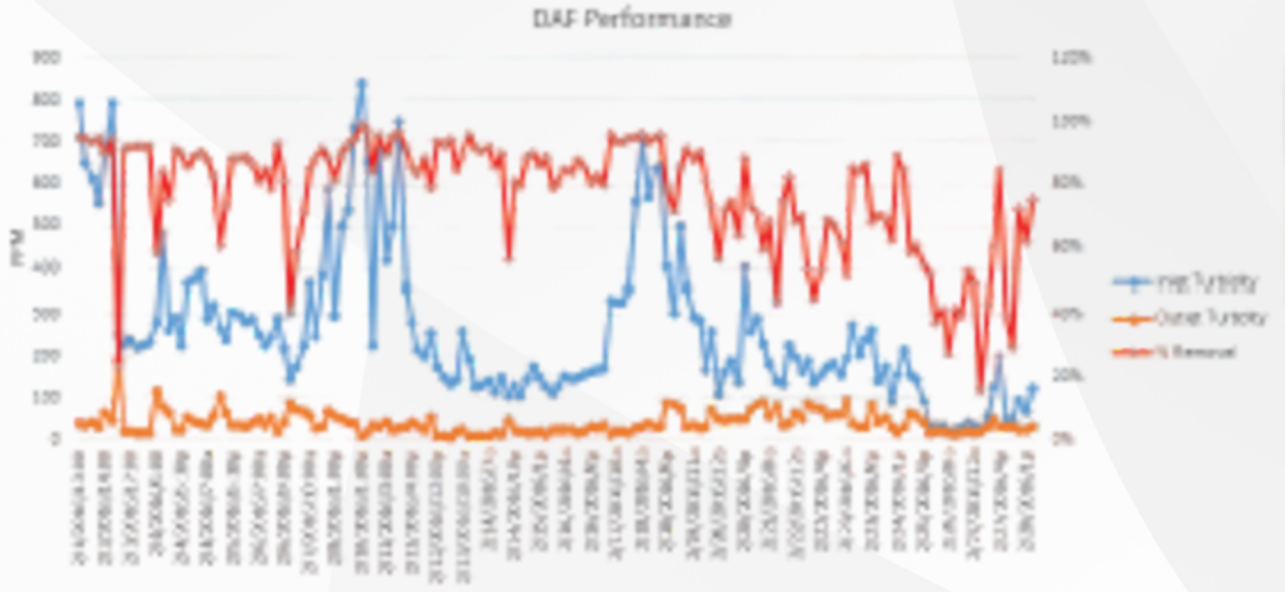
LAKE CHARLES - (866) 287-2007

DAF UNIT PERFORMANCE

A Spectrum Mobile DAF Unit was used at a Petrochemical Plant during an outage, at which time primary wastewater treatment units would be taken down for retrofit and maintenance.

- Average Inlet Turbidity during Outage: 263 ntu.
- Average Outlet Turbidity: 40.32
- Average% Removal: 78%



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