



Leaders in Industrial and Municipal  
Wastewater Treatment

## DAF SYSTEMS



# DISSOLVED AIR FLOTATION

WSI has been manufacturing DAF system for over 20 years. Each DAF is designed and built for each individual customer, to exceed any projects effluent requirements.

# ABOUT US



*We have established DAF systems around the world that remove up to*  
**99% of TSS**

## WSI INTERNATIONAL

WSI International has been designing industrial and municipal DAF Systems for over 20 years. We are currently maintaining over 76 DAFs around the world.

Our staff has the expertise to tackle any wastewater project in Oil & Gas, Food & Beverage, Industrial Pre-Treatment or Municipal.

## COMPLETE DESIGN/BUILD

WSI has the capability to build large scale DAF systems for major community centers and industrial operations. Our DAFs have multi-staged designs for maximum TSS removal.

**Our DAF systems are designed to the highest engineering standards.**

## LATEST PLANTS

|                     |            |
|---------------------|------------|
| ■ Coyote Springs    | 50,000 GPD |
| ■ Kaupulehu         | 50,000 GPD |
| ■ Kohanaiki Phase I | 70,000 GPD |

## LATEST EQUIPMENT

|                 |                  |
|-----------------|------------------|
| ■ Western Sugar | 2.2 M Belt Press |
| ■ Tyson Chicken | 1.2 MGD DAF      |

## NEW TECHNOLOGY

- Oil & Gas Treatment and Reuse
- Advanced Fat/Oil/Grease Separation
- Ionized Micro-Bubbles

\*Patent No. US 20130118988 A1, US 8632685 B2

## 1. TECHNOLOGY

WSI is a leader in Moving Bed Biological Reactor (MBBR) technology, Dissolved Air Flotation (DAF) and Aerobic Sludge Digestion. Our plants require minimum operation that will meet or exceed strict discharge standards.

- 15 Years of Wastewater Research and Design
- Multiple US Patents

## 2. MANUFACTURING

With over 30 years of manufacturing experience, WSI International can deliver superior DAF Systems at a fraction of the cost. WSI DAFs can withstand the most demanding environments.

- Assembled and Inspected in the United States
- Stainless Steel Design
- Certified, AWS D1.1, D1.6 and ASME Section 9

## 3. STANDARD SIZES

|                    |           |
|--------------------|-----------|
| <b>R-15</b> .....  | 50 GPM    |
| <b>R-25</b> .....  | 100 GPM   |
| <b>R-50</b> .....  | 300 GPM   |
| <b>R-75</b> .....  | 450 GPM   |
| <b>R-150</b> ..... | 800 GPM   |
| <b>R-325</b> ..... | 1,200 GPM |
| <b>R-450</b> ..... | 2,000 GPM |

### HARD FACTS

# 76

**TOTAL DAF SYSTEMS  
AROUND THE WORLD**

5,000 GPD to 1.2 MGD

# 63

**TOTAL WASTEWATER  
PROJECTS WORLDWIDE**

Specialized packaged plants  
from the Arctic region in  
Northern Canada to the  
Deserts of Nevada.



**Sean Fields**  
SALES



**Poe Tyler**  
PRESIDENT



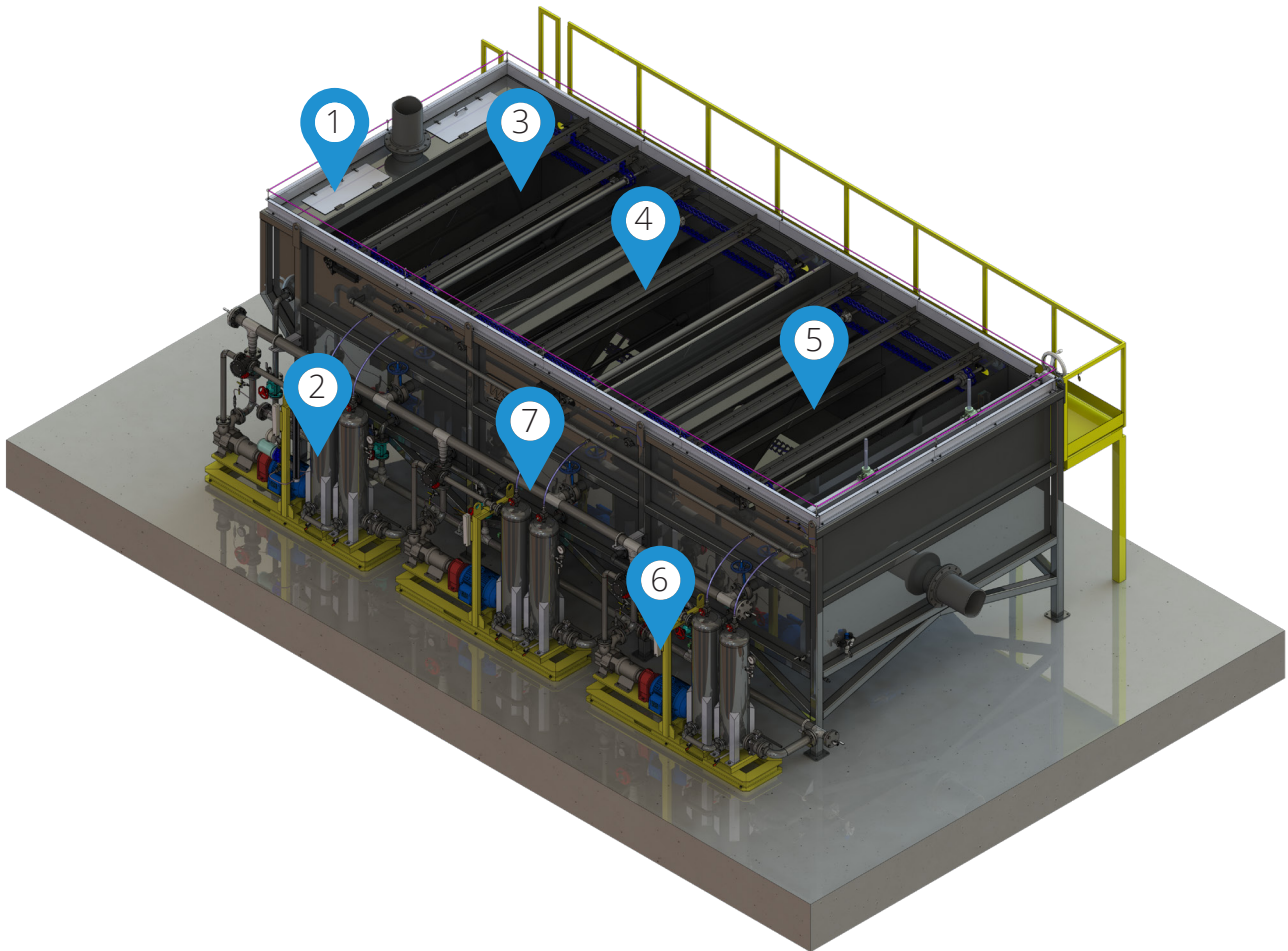
**Ben Garcia**  
ENGINEERING

**“Manufacturing is more than just putting parts together.  
It’s coming up with ideas, testing principles and  
perfecting the engineering, as well as final assembly.”**



## UNIQUE FEATURES

### R-325 DAF



- (1).....High-Flow Distribution Box
- (2).....Easy Access and Repair DAF Pump Skid Assembly
- (3).....DAF Zone 1
- (4).....DAF Zone 2
- (5).....DAF Zone 3
- (6).....Ionized Air for Non-Chemical Operations
- (7).....Multi-Control White Water Distribution Piping

WSI INTERNATIONAL, LLC



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