



LIQUID / SOLID SEPARATION SYSTEMS

SCREENING, GRAVITY, FLOTATION, DEWATERING & ACCESSORIES

PROCESS ENGINEERED WATER EQUIPMENT, LLC



***19215 SE 34th St, Ste 106-202
Camas, WA 98607 USA***



LIQUID / SOLID SEPARATION SYSTEMS

SCREENING, GRAVITY, FLOTATION, DEWATERING & ACCESSORIES



PEWE Vision

Patent Vision

Raising Standard

Innovative Solutions

Project References

Our clients will find with US Patents #8431022, #9962631 and #D827765, as well as twenty-four Trademark registrations, the PEWE product portfolio offers innovative process and wastewater treatment solutions as well as reuse opportunities. The PEWE research and development team is continuously active seeking new technologies for the Industrial and Municipal global markets.

This allows PEWE to offer optimal package systems at the lowest cost, producing the highest revenue from your process and waste-stream. We design, manufacture, construct and warrantee our treatment systems.



ParaLam Weir™

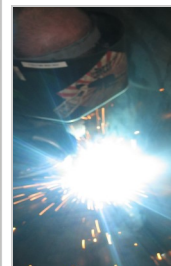


**System design efficiency equals better performance
at reduced operational life-cycle cost.**

PEWE Raises the Standard

Patent pending products and systems are designed in-house and produced under tight quality control standards. Systems are constructed in stainless steel, polypropylene and PVC for long-lasting durability and low maintenance. Detailed engineering design means operational ease and simple equipment care.

Some of the product features you will come to expect in your next system can be found only on a **PEWE** system. The unique technology built into **PEWE** systems, such as the **HD²XL Rator™ LS DAF** (pictured), maximize TSS removal while minimizing chemistry usage and sludge production.



Assembly Line Production— Highest Quality Delivered On Time

**PROCESS ENGINEERED
WATER EQUIPMENT LLC**

info@pewe-llc.com



LIQUID / SOLID SEPARATION SYSTEMS

SCREENING, GRAVITY, FLOTATION, DEWATERING & ACCESSORIES



PEWE Innovative Solutions

PEWE entered the market in 2007 as a manufacturer of dissolved air flotation systems and since has added screening, clarification, dewatering and other related treatment equipment to its product portfolio. PEWE holds US Patents #8431022 and #9962631 for DAF design as well as #D827765 for MBBR Media design, and 24 registered trademarks. This combination of PEWE's manufacturing expertise for wastewater equipment combined with exceptional customer service ensures customers well supported for many years. *For complete details please refer to the PEWE website.*

Product Groups

PolyAccu Dose® Chemical Stations

- LD Static Mix System
- PDC Active Blend Blade® System
- RGT High Volume System

G²-SEP® Plate Settler Clarifier

DeWater® Systems

- DBP Belt Press
- RDT Rotary Drum Thickener
- TRU Truck Receiving Unit
- CSP Compactor Screw Press

Dissolved Air Flotation

- Dueler® DAF
- HD²XL Rator® DAF
- Nx²JEM® DAF
- Poly-E²® DAF
- T²-MAX® DAF

Oil/Water Separator

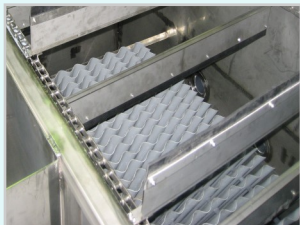
- OZ® System
- OWS System

SuperSkreen® Systems

- SSB Bar
- SSE External
- SSI Internal
- SSP Parabolic/Side-hill
- SSC Channel

Command Control® Panel

- ASO® Bio-Carrier
- MBBR Media





LIQUID / SOLID SEPARATION SYSTEMS

SCREENING, GRAVITY, FLOTATION, DEWATERING & ACCESSORIES



Client Support Team

Mr. Stuart Ward: *General Manager*

Stuart earned his Industrial BS in (1987) and later received a Master of Business Administration from the University of Oregon (1993). Stuart Ward has been published in Pollution Engineering magazine including "DAF Design", "Regenerative Turbine Aeration", and the "Ten Commandments of TSS Treatment". He has presented papers at conferences for the Oregon Dairy Industry, Northwest Food Processors Association, Washington State University, Washington Association for Food Protection, California League of Food Processors, International Poultry Conference and the Food Industry Environmental Conference.

Mr. Robert Ward: *Client Systems Engineer*

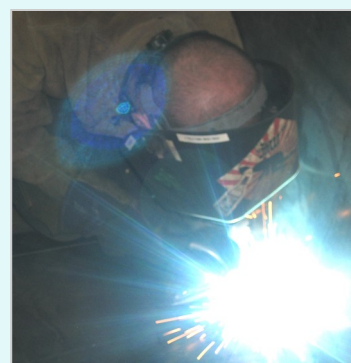
Robert earned his Chemical Engineering BS (2018) from Washington State University. He has eight years of equipment experience, including manufacturing, engineering and field work. Robert is responsible for designing systems, project installation, start-up, controls training and on-going support. Robert is multi disciplinary creating product drawings, performing system biological calculations and development research. Robert follows up on any client service request.

Mr. John Leach: *System Specialist*

John has 20 years of equipment experience. John is in charge of system manufacturing and knows the equipment inside and out. If there is a problem to be solved he and his field crew are capable of handling it. He assists with client installations, start-up, training and on-going service support. John holds a WABO welding certification.

Mr. Johnathan Ward: *Purchasing Manager*

Johnathan is responsible for purchasing and client system manufacturing. He earned his BS in Marketing (2018) from Washington State University. Johnathan also holds a GMAW welding certification and knows the equipment inside and out.





Pilot Test Systems

PEWE offers complete pilot testing of water and wastewater streams for the purpose of proofing for treatability. The pilot test systems are skid mounted for easy transportation, come with an experienced operator for set-up, trialing and return shipment. The pilots are a fully scaled version of their larger “brothers”, are constructed in stainless steel and PVC for corrosion resistance, utilizes **Rogue** regenerative turbine aeration technology and is operated with the **PEWE Command Control®** systems.

Nx²JEM® AS Pilot Test DAF

The unique technology built into each **PEWE** DAF system maximizes TSS removal while minimizing chemistry usage and sludge production. Pilot testing provides management with the valuable data needed for making key design and return on investment decisions.

DeWater® DBP Press Test System

PEWE offers complete dewater testing of solids generated from wastewater and other process streams. The test filter press system is skid mounted for easy transportation and setup. An experienced Technician will provide for sludge preparation, operation of the equipment during the trial and packaging for return shipment. The test press is a scaled version of it's larger “brothers”, is constructed in stainless steel for corrosion resistance and is operated with a simple variable speed/pressure control system.

MBBR Pilot Test System

PEWE offers complete pilot testing of water and wastewater streams for the purpose of proofing its treatability. The pilot test **MBBR** system is skid mounted for easy transportation, comes with an experienced operator for set-up, trialing and the return shipment. The **MBBR** pilot is a fully scaled version of it's larger “brothers”, is constructed in stainless steel and PVC wetted parts for corrosion resistance, utilizes twin VFD driven regenerative turbine blower technology and is operated with the **PEWE Control** system.





LIQUID / SOLID SEPARATION SYSTEMS

SCREENING, GRAVITY, FLOTATION, DEWATERING & ACCESSORIES



Project References

Client

Project Scope

Columbus Salame
S. San Francisco, CA

Full turnkey system, *SuperS creen*,
HD XLRator DAF, *PolyAccu Dose*
TSS, FOG, BOD

Seneca Foods
Yakima, WA

SuperS creen SSE-24.2
FOG, TSS

Seneca Foods
Payette, ID

T-MAX DAF, *PolyAccu Dose*
TSS, FOG, BOD

BrucePac
Silverton, OR

Plug Flow Reactor, *MAX RGT* aeration
PolyAccu Dose, *SuperS creen*
TSS, FOG, BOD

House of Raeford
Nesmith, SC

T-MAX DAF, *PolyAccu Dose*
TSS, FOG, BOD

Oregon Ice Cream
Eugene, OR

Full turnkey system, *HD XLRator DAF*,
PolyAccu Dose, custom EQ tank
TSS, FOG, BOD

Amerities South
Hope, AR

Full turnkey system, *Bio LCM* System
T-MAX DAF, *PolyAccu Dose*
FOG, TSS, BOD

Odom's Pride
Dickson, TN

Full turnkey system, *HD XLRator DAF*,
PolyAccu Dose, custom EQ tank
TSS, FOG, BOD

Matosantos
San Juan, PR

T-MAX DAF, *PolyAccu Dose*
FOG, TSS, BOD

Larsen's Creamery
Clackamas, OR

Custom EQ tank
Flow & load

National Foods
Arlington, WA

Filter Press, special plates
Solids content

Oregon Potato
Boardman, OR

NxJEM DAF, *PolyAccu Dose*
TSS, FOG, BOD

Adams Veg. Oils
Arbuckle, CA

Full turnkey system, *HD XLRator DAF*,
PolyAccu Dose, custom EQ tank
FOG, TSS, BOD

Smith County PUD
Tyler, TX

SuperS creen SSP, *PolyAccu Dose*
Suspended Solids

Client

Project Scope

Willamette Egg
Canby, OR

Full turnkey system, *T-MAX DAF*,
PolyAccu Dose, *DeWater System*
TSS, BOD

Hood River Juice
Hood River, OR

Full turnkey system, *Bio LCM* system,
Poly-E DAF, *PolyAccu Dose*
TSS, BOD

Mead Johnson
Mexico

Full turnkey system, *HD XLRator DAF*,
TSS, FOG, BOD

Dannon Co
Portland, OR

Design/Build WWT system,
HD XLRator DAF, *PolyAccu Dose*
TSS, FOG, BOD

Rumiano Cheese
Crescent City, CA

MBBR System up-grade
Media replacement
BOD, N, P

Ehrmann Dairy
Casa Grande, AZ

Full turnkey system, *HD XLRator DAF*,
PolyAccu Dose, *DeWater Press*
TSS, FOG, BOD

Newburgh Egg
Newburgh, NY

MBBR system, *Command Control*
PolyAccu Dose, custom tanks
TSS, FOG, BOD

Pacific Natural Foods
Tualatin, OR

HD XLRator DAF, *PolyAccu Dose*,
TSS, FOG, BOD

GEM State
Burley, ID

Rogue MAX RGT DAF upgrade
TSS, FOG, BOD

Wilmar-Gavilon
Stockton, CA

HD XLRator DAF
PolyAccu Dose, *Command Control*
TSS, FOG

Williams Sausage
Union City, TN

Full turnkey system, *HD XLRator DAF*,
PolyAccu Dose, *Command Control*
TSS, FOG, BOD

Pacific Natural Foods
Tualatin, OR

Full turnkey system, *HD XLRator DAF*,
PolyAccu Dose, *Command Control*
TSS, FOG, BOD