

Enhanced Pit Aeration



We're mixing it up with better solutions for Produced Water pits

Real Expertise, Experience and Extended use in the field!

High quality, packaged aeration solution designed to work efficiently at your water asset is the end result.

But it all starts with decades of systems design, implementation and maintenance experience.

We're bringing proven, industrial grade, diffused air system technology to the frac pit market and the results are speaking for themselves!



Real Results

Higher water turn and oxygenation rates with fewer diffusers than typical treated water pit systems



Expertly Engineered

Custom solution specifically for your pond size, depth and water requirements is our approach



Superior Service

Product design, ultra-durable construction material and industry leading water results all add up to a clear choice!

The Patriot Difference

- Highest oxygen transfer and H₂S oxidizing rates in the produced water pit industry
- Stainless steel & high quality LDPE components that perform in harsh frac environments
- Simple and inexpensive maintenance and operation
- Diffuser cleaning without removing them from the pit
- Integrates with monitoring, automation and chemical injection / mixing

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PROTECTED BY PATRIOT!



BUILD. LINE. SECURE.



Patriot Environmental, LLC is an industry innovator for fluid containment solutions. We support the domestic Oil & Gas Hydraulic Fracturing & Drilling sector and provide containment solutions to other industries nationally.



Liners & Pit Construction

- Geosynthetic Liner Sales, Service & Installation
- Fresh & Produced Water Pit Containments
- Leak Detection Systems, Aeration & Erosion Control



Secondary Containments

- Spray-in Liner or Rolled Liner Systems
- Flat Metal or Corrugated Containment Walls
- Tank Pads, Walk-Overs and Containment Accessories



Field Technology Solutions

- Aerial & Water Drone Mapping & Pit Strapping / Volumetrics
- Remote Level/Volume, Water Quality & Meter Monitoring
- Enhanced Aeration Solutions Engineered to Specifics Frac Pits