

Trailer Mounted Ozone Remediation Systems

Groundwater Remediation Systems

Trailer mounted groundwater remediation systems built to your specifications. Portable, reliable, and simple to use systems for your remediation project.

Features

- Turnkey Ozone Remediation System
- Fully Automated - One Touch Start-Up & Shutdown
- Individual well control
- High ozone output
- Can be moved from site to site with little effort
- Dry sparge air ensures minimal nitric acid buildup
- Full telemetry and remote monitoring



Product ID: **Remediation Trailer**

Specifications

Ozone Output	2 - 40 lb/day (40 - 780 g/hr) Ozone Production
Ozone Concentration	6% wt.
Sparge Flow Rate	Variable, up to 2.5 CFM to each well
Sparge Air	Dried to a -40 deg F dewpoint (minimal nitric acid buildup)
Maximum Sparge Pressure:	50 PSI
Maximum Breakthrough Pressure:	100 PSI
Individual Outputs	Individually controlled well outputs
Well Outputs:	Customer chooses, no minimum or maximum number of well outputs
Well Timing:	PLC controlled with HMI, Each well is individually controlled
Max Well Time:	Each well can run up to 24 hours
Interface	Touchscreen PLC
Corona Cell Pressure	Corona cells can handle up to 80 PSI of pressure
Air Conditioned	Yes - Front Half
Individual Well Control	Each well has an adjustable flowmeter & pressure gauge
Flow Control	Individual flow meters for each well output
Plumbing	Only Stainless Steel, Kynar & Teflon (Absolutely no PVC)
Internal Sensors	Dewpoint, Temperature, Humidity, Ambient Ozone Leak, Compressed Air Pressure, Oxygen Pressure, Ozone Pressure
Air Drying	3 stages ensure completely dry air
Telemetry:	HMI is capable of telemetry and remote monitoring standard
Data Logging:	HMI will log all well timing and necessary run data on a USB memory stick
Warranty:	Full One Year Warranty

Ozone Remediation Trailer



A walk-in door is provided in the front compartment of the trailer.

Inside view of Trailer



The front of the trailer houses the Ozone Manifold, Ozone Generators, and control systems.

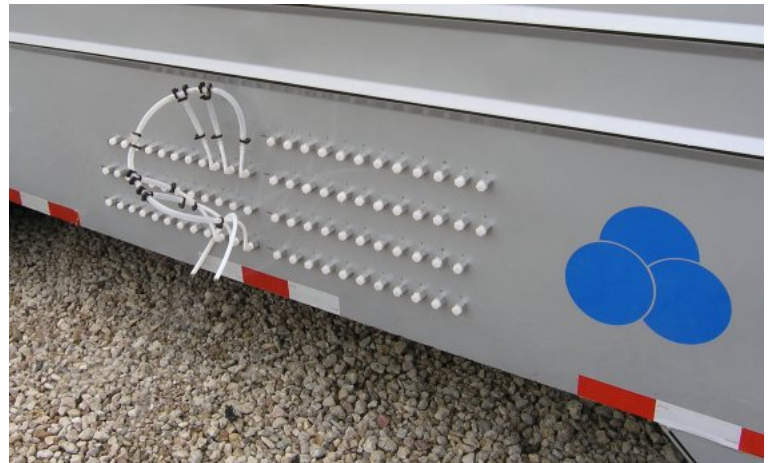
This view shows the manifolds on the left and the ozone generators on the right.

Remediation Trailer On-Site



This is the Ozone Remediation Trailer on site at a military base.

Groundwater Remediation Ozone Outputs



82 ozone outputs (3/8-in FNPT 316L SS connections) distribute ozone to 82 individual wells.

Ozone Remediation Trailer



This image shows the vents of the trailer that cool the rear compartment of the trailer.