

OXYGEN INJECTION SYSTEM

for Groundwater Bioremediation

The Matrix **OXYGEN INJECTION SYSTEM** produces oxygen for pulse injection at controlled rates, resulting in a high saturation of dissolved oxygen – up to 40 mg/L – in groundwater. Because the resultant oxygen supply is greater than the total oxygen demand, this system creates the optimal conditions for native bacteria to break down petroleum hydrocarbons, gasoline oxygenates and solvents, for faster and more effective site clean-up or control. This cost-effective system has shown excellent results with MTBE and TBA, with a history of successful site closures over the past 14 years.

Accelerated Site Clean-up with Low Cost to Closure

Robust, low maintenance system generates a safe supply of oxygen on site, so you have no concerns about oxygen storage or transport.

Sustainable high levels of dissolved oxygen prevents contaminant rebound and biodegrades MTBE without TBA accumulation.

Dispersion of oxygen with control of radius of influence and oxygen mass transfer.



MATRIX

ENVIRONMENTAL TECHNOLOGIES INC.

1-800-871-0745

Representatives Nationwide

www.matrixbiotech.com

Matrix Oxygen Injection Systems are available for purchase, rental or lease. Includes a license to operate under U.S. Patent No. 5,874,001. Full training is provided. Call for details.