

## FIELD REPORT: COLORADO, USA

"At a large wood preservative facility in Colorado, Beazer East needed cost-effective and convenient on-site treatment of creosote impacted groundwater. We chose the new O-Sox™ oxygen releasing technology from Adventus. The technicians enjoyed the ease and flexibility of their improved delivery system, which greatly reduced field time and frustration. And our engineers quickly saw the scientific benefits of having inorganic nutrients incorporated into the matrix. We believe this technology will become the new industry standard, yielding reduced costs and improved remedial performance for our site portfolio."

—Mitchell Brouman,  
Environmental Manager, Beazer East, Inc.

# SEARCHING FOR AN AFFORDABLE AND EFFECTIVE OXYGEN RELEASING COMPOUND?

Adventus Group's EHC-O™ is a field-proven technology that contains a long-term source of dissolved oxygen and nutrients. Native microorganisms utilize the dissolved oxygen as an electron acceptor, and the targeted contaminant serves as the electron donor resulting in its destruction.

### Benefits of EHC-O™

- For organic constituents amenable to aerobic biodegradation processes.
  - Petroleum Hydrocarbons
  - PAHs
  - BTEX

- Stimulation of aerobic biodegradation through controlled-release O<sub>2</sub> and nutrient delivery.
- Significant cost savings due to higher O<sub>2</sub> release rate and lower price.
- Buffered to reduce self-encapsulation

### Benefits of O-Sox™ Canister System

- All the field proven benefits of EHC-O
- Available for 2", 4" and 6" wells
- Reusable stainless steel canister for quick and easy change-out

The well-engineered, field-proven, and reusable stainless steel O-Sox™ canister system (left) as compared to the other guys' more cumbersome approach (right).



Technology	Total O <sub>2</sub> Required (lbs.)	Product Cost (\$/lb.)	Total Product Required (lbs.)	Total Project Cost	Advanced O <sub>2</sub> Socks Technology?
EHC-O	1,000	\$4.50	7,143	\$32,143	YES!
"Advanced" O <sub>2</sub> compounds	1,000	\$9.00	5,882	\$52,938	NO
Others	1,000	\$7.50	7,143	\$53,572	NO

EHC-O and Others release 0.14 lb O<sub>2</sub>/lb product; "Advanced" compounds release 0.17 lb O<sub>2</sub>/lb product.



*Solid Technology, Superior Value, Proven Results*

**Contact us today to arrange a complementary Technology Transfer Session or Site Evaluation.  
Call toll free at 888-295-8661 or visit us online at [www.AdventusGroup.com](http://www.AdventusGroup.com)**