

# Solutions Remediate Contaminated Groundwater



***Kennedy Space Center***

***Toxicological and Environmental Associates Inc.  
Baton Rouge, Louisiana***

## **Originating Technology/NASA Contribution**

- ◆ Kennedy is part of the Merritt Island Wildlife Refuge, home to over 1,500 plant and animal species
- ◆ NASA works to keep the area as pristine as possible, creating innovative ways to clean up around launch complexes



## **Partnership**

- ◆ NASA scientists collaborated with University of Central Florida counterparts to develop Emulsified Zero-Valent Iron (EZVI), which neutralizes toxic chemicals in groundwater
- ◆ Testing with partners through the Small Business Technology Transfer (STTR) program proved EZVI's effectiveness

## **Product Outcome**

- ◆ The technology has won multiple honors and a place in the Space Technology Hall of Fame
- ◆ Several companies are applying EZVI to clean up polluted zones around the world
- ◆ EZVI is NASA's most licensed technology to date