

## **COOL-OX™ APPLICATION AT A RETAIL SERVICE STATION RESULTS IN SITE CLOSURE**

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A gasoline release at a retail service station in northeast Florida was sufficient to require remediation of soil and groundwater. Although the designed remedy included excavation of approximately two-hundred (200) tons of contaminated soil, the location of the release (near a fuel dispenser island) required in-situ mitigation. The Cool-Ox™ Process, a Technology based upon the controlled production of hydrogen peroxide in-situ, was selected to complete site remediation. This Technology had previously demonstrated its ability to eradicate hydrocarbons and since it does not cause corrosion damage to utilities or subsurface equipment, appeared ideal for this application. Post remedial monitoring revealed reductions in total BTEX, MTBE, and Naphthalene concentrations to below soil and groundwater cleanup levels (benzene <1 µgm/L). Thus, the Florida Department of Environmental Protection (FDEP) transferred the site to Site Rehabilitation Completion Order Status (NFA). This was the second site in the area to achieve clean closure employing the Cool-Ox™ Technology.

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