



July 2011 Newsletter

"Real Time" Treatment Optimization Proves Successful at Active Fertilizer Facility

Geo-Cleanse was contracted by a local environmental consulting firm to design and implement an in-situ chemical oxidation treatment program at a southern NJ active fertilizer facility. The fertilizer facility property included a 77,700 sq ft clay-lined lagoon, which was utilized for onsite storage of washwater from liquid fertilizer tanker and spray trucks. The consultant was initially retained by the property owner to characterize the contents of the lagoon and complete an initial investigation of the property. Soil and groundwater investigations concluded that volatile organic compounds, metals, pesticides and herbicides were above the NJDEP Remediation Standards. The lagoon and surrounding unsaturated zone soil contamination was excavated and additional delineation was conducted to determine the extent of the groundwater plume.

The consultant determined that on- and off-site groundwater was impacted primarily with chlorobenzene. Several treatment technologies were considered, but due to the contaminant of concern, desired timeframe to reach the cleanup goal, and the shallow groundwater table, in-situ chemical oxidation was determined to be the most appropriate remedial approach.

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Full-Scale Injection in Downtown Orlando

Upcoming Conferences & Events



October 13-14
in Orlando, FL

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Geo-Cleanse has performed in-situ chemical remediation treatment programs throughout the United States and has had the privilege to work with many different environmental agencies.

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