



## Project Summary: Bioreactor Water Treatment System Zug Island

### *Innovative Air & Water Treatment Solutions*



#### **Construction of \$4 million bioreactor water treatment plant at former coal tar plant:**

ProAct completed construction and prove out of a 100 gallon per minute groundwater treatment system in 2007 for a major chemical company. The primary treatment process used 3-9000 gallon bioreactors to remove organic contaminants from groundwater at a former coal tar plant. ProAct installed a treatment building, plumbing, reactor tanks and new storage tank at a former large coal tar plant. The groundwater was contaminated with moderate to high concentrations of naphthalene, phenols, PNA's and other semi-volatile organic compounds. Features of the construction included

- Building Construction
- Under road and railroad jack and bore
- Groundwater well pump installation
- Above and below ground pipe runs
- 50,000 gallon holding tank and secondary containment
- 3-9,000 gallon bio reactors
- Bag filters
- Oil/water separator
- Sludge thickener
- Carbon tanks
- Chemical injection pumps
- Allen Bradley Scada controls
- 30 day continuous operation prove out
- The project

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Contact a ProAct Services Environmental Treatment Specialist for more information!

**Safety · Quality · Teamwork · Professionalism · Positive Attitude**

ProAct Services specializes in providing innovative air and water treatment solutions, customized to meet the requirements of specific environmental issues. With an emphasis on environmental remediation, on-site water treatment, and industrial degassing/vapor control, ProAct Services is committed to delivering exceptional services in a safe, responsive manner to ensure client satisfaction. Our team of dedicated specialists take pride in utilizing their unparalleled knowledge to design and build custom systems to operate at maximum efficiency. Headquartered in Michigan, with regional locations throughout the United States, ProAct Services is prepared to respond and mobilize to address immediate and emergency situations.

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