

Texas Molecular Petrochemical Industry

- **Experience Managing Waste and Wastewaters from the Petrochemical Industry**
 - » Over 35 years experience serving the Petrochemical Industry
 - » Safe, Secure, and Sustainable Service
 - » Relevant Associations and Affiliations
 - Member of the Association of Chemical Industry in Texas (ACIT)
 - Member of the Deer Park Citizens Advisory Council
 - Member of the Deer Park Local Emergency Planning Committee (LEPC)
- **Specific Capabilities for Petrochemicals**
 - » Manage waters with pH 0 to 14 with no need for neutralization
 - » **Manage difficult to treat waters or expensive to dispose waste such as**
 - Reactive waters including reactive **sulfides and cyanides (D003)**
 - Waters, acids, or bases with **flashpoint <140°F (D001)**
 - Waters, acids, or bases with organics, and **listed waste codes (F, K, U, and P).**
 - Accept waters subject to a number of air related permits such as **Subparts CC (VOCs), B (Synthetic Organic Chemical Mfg), XX (Ethylene Operations), GGG (Pharmaceuticals), and FF (Benzene Operations).**
 - **Typical Wastes Managed**
 - Amine solutions
 - Acid Waters
 - Water with Organics like Benzene, Xylene, Phenol, Methanol, Glycols
 - Water with Chlorinated Organics like Vinyl Chloride, Ethylene Dichloride
- **Value to industry**
 - » Act as a **“Utility”** for major large clients with large or regular wastewaters
 - » Reduces **cost**
 - On-site treatment capital expense, materials and labor
 - **Reduces Regulatory risk** of discharge and temporary storage
 - Texas Molecular injection technology does not require treatment chemicals or use thermal processes
 - » **Significant available capacity** for the future as well as large projects
- **Reliability**
 - » Large receiving and storage capacity. Receive most waste on a **24/7 basis.**
 - » **2 injection wells** for capacity backup and **1 spare** length of injection tubing
 - » **Backup generator** to run critical equipment. **Backup flare** for thermal oxidizer.
 - » Significant available permit and practical injection capacity.
 - » **Customer service available on a 24/7 basis** for emergencies
- **Contacts**
 - » Customer Service, 281-930-2540, customerservice@texasmolecular.com

