

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
 - Onp 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 24/7/365 basis.
 - » 3 injection wells for capacity backup and spare length of injection tubing for each well
 - » Backup generators to run critical equipment. Backup flare for thermal oxidizer.
 - » Significant available permit and practical injection capacity.
 - » Customer service available on a 24/7/365 basis for emergencies
- **Contacts**
 - » Customer Service, 281-930-2540, customerservice@texasmolecular.com

