

# Texas Molecular Overview, Capabilities, Value, and Reliability

## • Facility Overview

- » RCRA Permitted hazardous waste facility specializing in the injection of hazardous wastewaters, acids, and bases.
- » Hazardous Waste Permits from TCEQ and a **USEPA 10,000 Year No Migration Petition to inject hazardous wastewater without treatment.**
- » In commercial operation serving industry for over **35 years.**
- » Industries served include chemical, petrochemical oil refining, plating, galvanizing, landfills, pesticides, and US Army Demilitarization. Also manage water from spills and environmental clean ups.
- » **24/7** Operation. 5 unloading pads. Manage over **60,000,000 gallons** annually.
- » **1,800,000 gallons** of storage capacity. **236,000,000 gallons** of permitted injection capacity.

## • Capabilities

- » 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 with high BOD, COD, TKN, and TDS.
  - Waters, acids, or bases with difficult to treat metals such as **Selenium, Mercury, and Arsenic**
  - Waters, acids, or bases with pesticides, 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).**

## • Value to industry

- » **Act as a “utility” for major large clients with large or regular wastewaters**
- » **Saves cost**
  - **On-site treatment capital expense, materials and labor**
  - **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**
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