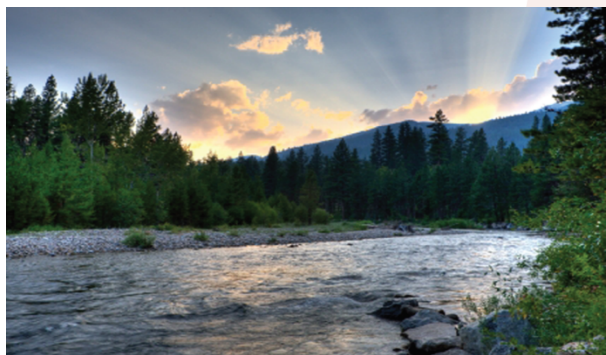


# Texas Molecular Mining Industry Solutions

- **Mining Applications**

- » **Acid Mine Drainage** (acids, heavy metals)
- » **Tailings Water** (heavy metals)
- » **Cyanide Leaching** (cyanides, heavy metals)
- » **Emergency relief of volume** in ponds



- **Value to Mining Operations**

- » **Save Cost**
  - **Regulatory risk of discharge and temporary storage**
  - **On-site treatment and temporary storage costs**
  - **Texas Molecular injection technology does not require treatment chemicals**
- » **Emergency outlet to relieve volume and risk of discharge**

- **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**
  - Waters, acids, or bases with difficult to treat metals such as **Selenium, Mercury, Copper, Lead, and Arsenic**

- **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**.
- » **24/7** Operation. 5 unloading pads. Manage over **60,000,000 gallons** annually.
- » **1,800,000 gallons** of storage capacity. **236,000,000 gallons** per year permitted injection capacity.

- **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**

