

## I. Executive Summary

**Tradebe Environmental Services, LLC** through its divisions **Tradebe Treatment and Recycling, LLC**, **Tradebe Industrial Services, LLC** and **Tradebe Onsite Services, LLC**, offers storage and treatment of hazardous and non hazardous at our RCRA Part B Facilities, recycling of solid and liquid waste, tank cleaning operations, and waste management services to Refining and Chemical Industries nationwide. The group provides these services through its multidisciplinary team of highly experienced professionals and utilizes the latest technology on its own sites, its client's sites and in the field.

### **WASTE MANAGEMENT & RECYCLING DIVISION**

**Tradebe Treatment and Recycling, LLC** experienced staff processes waste into recycled products. Specialized hazardous waste management is performed at one of TRADEBE's two Treatment, Storage & Disposal (TSD) facilities, located in East Chicago, IN and Millington, TN, with a nationwide geographic coverage. TRADEBE also has transport operations in Texas, Indiana, Louisiana and South Carolina.

**Tradebe Treatment and Recycling, LLC** manages waste according to the highest environmental standards with an emphasis on reuse, recycling and energy recovery.

#### **Services Include:**

- Recycle Reuse
- Distillation
- SDS (Solid Distillation System)
- Energy Recovery
- Lab Pack
- Household Hazardous waste programs
- High Hazardous Waste Management
- Stabilization
- Solidification
- Gas Cylinders Management
- eWaste
- Transportation (Rail and Highway Carriers)
- Non Hazardous Waste
- Universal Waste
- Refinery Services
- Training

**Tradebe Treatment and Recycling, LLC** possesses exclusively one of the most innovative and cost effective solid waste recycling system (**SDS**) in the waste industry.

## **OIL SERVICES DIVISION**

**Tradebe Industrial Services, LLC** provides cleaning and waste management services to the oil refineries and petrochemical industries. Services include the assessment of sludge levels within crude oil tanks, tank cleaning, pond cleaning, oil recovery, sludge mobilization and non entry systems.

### **Services include:**

- Crude Oil Tank Sludge Profiling
- Tank Cleaning
- Sludge Processing & Minimization
- Pond Cleaning
- Heavy Metal Precipitation
- Soil Decontamination

The company has developed and introduced several innovative technologies in the market:

- Low and High temperature thermal desorption technology to treat oily sludge
- Mechanical separation of catalyst fines for slurry oils
- Oil tank profiling with sonar technology
- Automatic tank cleaning with nozzle system
- Removal of sludge from ponds while in service

Technologies and equipment are developed, designed and built in our facilities in Sandycroft, UK by a dedicated engineering team. **Tradebe Industrial Services, LLC** has office in Texas, Louisiana and California.

**Tradebe Onsite Services, LLC** offers long term services on a daily basis to help refineries to manage waste and secondary by products, such as oily slops, oily sludge and slurry oil. It is a pioneer in cat fines removal from slurry oil through mechanical centrifugation. **Tradebe Onsite Services, LLC** designed, built, financed, operates and maintains a fixed plant at an East Coast Refinery.

### **Services include:**

- Thermal Desorption
- Slurry Oil D-Ashing
- Coker Feed Prep
- Fuel Blending
- Waste Processing and Minimization

**Tradebe Onsite Services, LLC** has offices in New Jersey, Louisiana and Texas.