

EnSafe was founded in 1980 within days following promulgation of the original regulations of the Resource Conservation and Recovery Act (RCRA). To this day, one of our core competencies has remained solid and hazardous waste consulting. From our comprehensive understanding of the nuances of RCRA's interplay with the Clean Air Act in preparing a Subpart X permit to interpreting RCRA's complex solid and hazardous waste regulations and generating "white paper" interpretations, we're equipped to tackle the full gamut of RCRA-related challenges for our clients.

creative thinking. custom solutions.

### HAZARDOUS WASTE MANAGEMENT

- Identification, characterization, and qualification of waste streams
- Determination of hazardous vs. non-hazardous status
- Waste minimization, recycle, and reuse/exchange programs (pollution prevention)
- Assessment of storage, treatment and disposal options
- Notification and annual reporting of waste streams to local, state, and federal agencies
- Development of a safe and legal hazardous waste handling program documented in a "Hazardous Waste Management Plan"
- Establishment of a "Contingency Plan" defining specific response measures to expeditiously mitigate hazards during a hazardous waste emergency
- Permit application and negotiation for transporter permits and Part A and B permit applications for Treatment, Storage, and Disposal facilities
- Generation of "white paper" interpretations of complex regulatory issues
- Design of hazardous waste storage areas using secondary and tertiary containment systems
- Treatability studies and subsequent designs for hazardous waste treatment systems
- Siting and design of compliant solid and hazardous waste land disposal facilities
- Training industrial personnel and local emergency service personnel

### SOLID WASTE MANAGEMENT

- Design and permitting of solid waste disposal sites (conventional landfill, balefill, demolition landfill, industrial hazardous waste, and ash disposal)
- Identification and feasibility analysis of potential disposal sites
- Geologic and hydrogeologic suitability assessment for proposed disposal sites
- Characterization of the groundwater regime through aquifer testing and data interpretation
- Groundwater monitoring programs
- Soil testing, well installation, sampling and analysis of groundwater, surface water and air, geophysical investigation and site mapping
- Solid waste minimization, recycling, and reuse and exchange programs
- Identification, characterization, and quantification of solid waste streams
- Determination of hazardous vs. non-hazardous waste status; Gas collection, treatment and disposal
- Landfill closure design, bidding, and construction services; and Leachate collection, treatment and disposal.

- Technical Expertise and Experience
- Focus on Client Service and Involvement
- Current on Regulation Changes and Updates
- Comprehensive Services

### Project Highlights

EnSafe's history with Drumco, a drum reconditioner, dates back to the 1980s and the early days of RCRA and the myriad regulations faced by an entire industry. EnSafe was instrumental in obtaining air and wastewater permits, providing Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Emergency Planning and Community Right to Know Act (EPCRA), and RCRA compliance support, and training of employees in these ever-changing areas.

A client requested EnSafe's assistance with determining whether their spent solvents could be managed as an excluded solid waste if reclaimed onsite. EnSafe developed and provided a white paper that explained how the facility could manage their spent solvents under U.S. EPA's solid waste exclusion for hazardous secondary materials that are reclaimed and provided guidance on the state notification process and future management of these materials. The implementation is expected to save the company tens of thousands of dollars per year.

### Contact Us

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