

*Environmental Permitting and Management
PAECETrak™ Integrated Solutions*

ETrak™ is a GIS-enabled environmental management system that is used to track and manage environmental permits and facility regulatory compliance. This includes tracking and managing all aspects of air, stormwater, wastewater, and drinking water permits, as well as underground storage tanks (UST), above ground storage tanks (AST), oil/water separators (OWS), and waste oil tanks.



A screen within the LSRP Compliance Management module showing the generated PDF form.

ETrak offers role-based secured access for consultants, built-in ticklers notifying appropriate team members when milestones or regulatory dates approach or have been missed, and extensive reporting capabilities for oversight and regulatory compliance. The centralized data storage architecture allows laboratory Electronic Data Deliverables (EDD), documents, photos, location coordinates, and maps to be easily uploaded and linked to facility and project records, resulting in one convenient repository for all environmental artifacts.

ETrak is built on BEM's industry-leading PAECETrak™ system platform, leveraging our proven capabilities in template-driven document and permit generation, auditing, reporting, security controls, and configuration flexibility.

Key Features

- Easy to use intuitive web-based solution, with tiered role-based security control for read only or update access based on user credentials.
- Tracks and manages all facility compliance permitting - renewal of permits, sampling associated with permits, required reporting, violations, and fees.
- Connect with enterprise GIS systems and integrate actions, status, information, and laboratory data with geo-referenced (GPS) locations across various stakeholders and functions.
- Single data entry with advanced document generation and management where documents, forms, and reports can be generated, stored and easily accessed.
- Centralized storage of permitting records, including all relevant permit data, location coordinates, contact information, renewal records, compliance status, record of communication, and photo documentation.
- Utilizes ESRI's ArcGIS technology to provide web-based GIS mapping capabilities with the ability to view up-to-date facility and regulatory compliance activity status on a map.
- Automatically alerts stakeholders via email notification of important events that are approaching or have been missed.
- Easily integrated with existing systems (maintenance, right of way management, project, financial, GIS, or customer service systems).





wExtensibility

The **ETrak™** system offers the flexibility to easily be customized to address agency-specific requirements. In New Jersey, ETrak capabilities have been extended to track and manage the extensive set of regulations detailed in the New Jersey Department of Environmental Protection (NJDEP) Site Remediation Reform Act (SRRRA) (N.J.S.A. 58:10C-1 et seq.), to comply with the Licensed Site Remediation Professional (LSRP) requirements.

State Specific NJDEP/LSRP

Key Features

- Tracks all NJDEP TRSR compliance activities/regulatory and mandatory timeframes including: PA, SI, RI, RAS, RAWP with CEA, RAPR, and RAR with DN and compliance with the requirements of IEC, RE, VI, Public Notification, and RAO issuance.
- Tracks and manages cases/sites, Linear Construction Projects, including fees, oversight costs, and assignment of the LSRP.
- Assists in performing internal audits and reviewing all submittals to reduce cost burden, conflicts, and arbitration associated with NJDEP/LSRP Board audits, and verifies completion of regulatory reports before submittal.

Innovation, Technology, and Solutions (ITS)

BEM's ITS group has developed a variety of software solutions and data management tools.

- PAECETrak™ - Right of Way Property Acquisition Management System
- AdTrak™ - Outdoor Advertising Permit Management
- PMDB™ - Project Management Dashboard
- UTrak™ - Utility Coordination and Relocation Management
- HAPTrak™ - Highway Access and Occupancy Permit Management
- ETrak™ - Environmental Management
- Asset Management - Decision SupportTool (DST)
- FfARS - Flood Forecasting Asset Response System

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