

Environmental Compliance

CEC audits corporate environmental health and safety programs; compliance with permit limits and state and federal regulations; and corporate policies and procedures.

COMPLIANCE AUDITING AND PROGRAM DEVELOPMENT

Audits are designed to help prepare and implement cost-effective solutions and improve systems for maintaining and tracking regulatory compliance.

Compliance support services include:

- Compliance assessments to support due diligence and acquisitions
- Programs and procedures development to assist with regulatory compliance
- Liability assessments and reserve estimates

ENVIRONMENTAL HEALTH AND SAFETY MANAGEMENT SYSTEMS

CEC assists with the creation, implementation and ongoing support of Environmental Management Systems (EMS) and Occupational Health and Safety Management Systems (OHSMS). Services include:

- Identifying EHS impact of activities, operations, processes, products and services
- Identifying and evaluating applicability of state, federal and local regulations
- Identifying responsibilities and resources for successful EMS or OHSMS implementation
- EMS/OHSMS application development and integration with IT
- EMS/OHSMS program development and auditing

POLLUTION PREVENTION/WASTE MANAGEMENT

CEC applies pollution prevention (P2) sciences and techniques to assist facilities with plans, projects and programs to reduce the cost of manufacturing chemicals or other products. P2 success depends on identifying the root causes of waste before considering P2 options. Service support includes:

- Evaluation of waste streams
- Process design/re-engineering and technology evaluations
- Program development and regulatory review
- Strategic planning of process changes to enhance on-site P2 initiatives

SPILL PREVENTION CONTROL AND COUNTERMEASURE PLANS (SPCC)

CEC's approach to the management of above-ground storage tanks (ASTs) begins with the design of effective containment and spill planning. The following services help to achieve and maintain compliance:

- Evaluation of SPCC rule applicability
- Containment alternative evaluations and design
- Updating SPCC plans with certification by a professional engineer
- Inspection programs and employee training
- Contingency and Facility Response Plans
- Slug Control Plans (for Significant Industrial Dischargers)

EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT (EPCRA)

CEC routinely assists clients in complying with annual filings of Hazardous Chemical Reports (Tier II) and Chemical Release Reports (Toxic Release Inventory Reports). Services include:

- Rule applicability and Tier II/Form R reporting threshold evaluations
- Review of safety and chemical data sheets for completeness
- Preparation of Tier II reports from chemical inventory information
- Calculation of chemical releases and preparation of TRI Reports (Form R)





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INFORMATION TECHNOLOGY AND DATA MANAGEMENT

CEC offers custom solutions for organizing and maintaining information critical to environmental compliance, health, and safety programs, as well as other records maintenance. CEC develops integrated software applications to maintain, distribute and report documents, data, deadlines and other critical information through a single user interface. CEC utilizes Geographic Information System (GIS) technology that integrates common database operations with visualization and geographic analyses.

CLEAN AIR ACT (CAA)

CEC assists clients with various air quality compliance support items, including:

- New Source Review (NSR) Permitting
- Title V Air Permitting
- Minor Source Permitting
- Emission Inventories
- Detailed NSPS/MACT/NESHAP/ Permit Compliance Assessments/Audits
- Deviation and Compliance Reporting
- GHG Permitting/Reporting
- Continuous Emission Monitoring Systems (CEMS)

CLEAN WATER ACT (CWA)

CEC assists clients across many market sectors with various CWA issues, including:

- NPDES individual discharge permit acquisition and renewal applications
- NPDES storm water and general permit acquisition and renewal applications
- Storm Water Pollution Prevention Plan (SWPPP) preparation
- Routine Discharge Monitoring Report (DMR) completion and submittal
- Wastewater treatment plant design and upgrades to meet permit limits
- Assistance with design and implementation of Best Management Practices (BMPs)

RESOURCE CONSERVATION AND RECOVERY ACT (RCRA)

CEC assists clients with compliance with RCRA obligations, including:

- Waste Characterization Evaluations and Support
- Waste Management Planning and Evaluation of Beneficial Use / Recycling Opportunities
- Design of Hazardous Waste Storage Areas and Containment Buildings
- Implementation of weekly hazardous waste inspection programs
- Providing RCRA training for personnel involved with management of hazardous waste
- Preparation of Facility RCRA Contingency Plans
- Completion of Biennial Hazardous Waste Reports
- Completion of Various State Residual Waste (Non-Hazardous) Biennial Reports

TOXIC SUBSTANCES CONTROL ACT (TSCA)

CEC works with clients on various TSCA issues, including:

- Pre-manufacture notifications
- Completion of TSCA Chemical Data Reporting (CDR) Reports (Form U)
- Assisting with management of Electrical Equipment containing Polychlorinated Biphenyls (PCBs)