



Thompson Environmental Consulting, Inc.

4950 Pleasant Street • West Des Moines, IA 50266
TEL: 515-225-4303 • FAX: 515-225-4193 • www.tecenv.com

Listing of Environmental Services

Air Quality

- Pre-Construction Permitting (PSD and non-PSD)
 - TEC prepares pre-construction permit applications, both under PSD and non-PSD regulations. TEC staff thoroughly understands all requirements associated with application and maintenance of PSD and non-PSD permits.
- Operating Permits (Title V, Voluntary)
 - TEC prepares and reviews dozens of original Title V permit applications. Annual emission inventories are prepared, and where final permits have been issued, semi-annual compliance and monitoring reports are prepared and submitted.
- Dispersion Modeling
 - TEC maintains three modeling software licenses. Staff members have completed extensive training in modeling theory and procedures. TEC participates in IDNR task forces that develop today's modeling guidelines (for non-PSD modeling).
- Stack Testing
 - TEC provides a full range of engineering and compliance stack testing as well as CEM certification.
- Emission Inventories
 - TEC develops emission inventories for pre-construction permitting, Title V permits and minor source EI/Qs for a wide range of clients.
- Leak Detection and Repair (LDAR)
 - TEC provides complete LDAR program setup & management services to meet the requirements of NSPS and NESHAP regulations. Services include Applicability Determinations, Method 21 Monitoring, Equipment Tagging, Data Management, Compliance Manuals, Third Party Audits of Existing Programs, and NSPS & NESHAP Compliance Reports.
- Risk Management Plan (RMP)
 - TEC develops RMP's for a wide range of facilities.
 - TEC provides annual facility reviews & 5-yr recertification of plan.

Water Quality

- Spill Prevention Control and Countermeasures Plan (SPCC Plan)
 - TEC prepares SPCC plans for a wide range of facilities. Four Professional Engineers (P.E.'s) on staff are actively involved with the development and implementation requirements of SPCC plans.
 - TEC develops Facility Response Plans (FRP) for submission to EPA, and corresponds with the regulatory agency to ensure compliance.
- Storm Water Permitting and Pollution Prevention Plan (SWPPP)
 - TEC develops SWPPP's for a wide range of facilities, both separately and as a combined plan with an SPCC.
- National Pollutant Discharge Elimination System (NPDES) Permitting
 - TEC staff develops NPDES permit applications for a wide range of industries.
 - TEC staff served on the Iowa Department of Natural Resources advisory committee during the development of the NPDES programs in the State of Iowa.
 - TEC staff works with engineering firms providing design services permit application and follow up services for industrial wastewater treatment and pre-treatment facilities.



Thompson Environmental Consulting, Inc.

4950 Pleasant Street • West Des Moines, IA 50266
TEL: 515-225-4303 • FAX: 515-225-4193 • www.tecenv.com

Land Quality

- Sanitary Disposal Project Permits
 - TEC provides permitting and inspection services for solid waste and medical waste treatment systems and transfer stations.
- Special Waste Authorizations
 - TEC staff served on the Governor's Blue Ribbon Commission on Solid Waste developing the Special Waste Authorization process in the State of Iowa.
 - TEC staff has extensive experience with Special Waste Authorization determinations for Fortune 100 companies in the State of Iowa and other Midwestern states.

Miscellaneous

- Environmental Regulatory Audits
 - TEC staff has extensive experience with the conduct of regulatory audits covering Federal, State, and local regulations for facilities throughout the Midwest.
- Phase I Site Assessments
 - TEC staff has over 15 years experience with Phase I Site Assessments and has served on the ASTM 50.02 Committee since 1988, taking active part in the original development of the Phase I process standard (E-1527) and the 1997, 2000, 2005 and 2010 revisions.
 - TEC staff served on the ASTM 50.02 Committee working with the EPA Negotiated Rulemaking Process charged with developing the new Code of Federal Regulations Part 312 defining all appropriate inquiry and the subsequent ASTM revision of the E-1527 Standard Conduct of a Phase I Site Assessment.
- Tier II Submissions (EPCRA)
 - TEC staff prepares annual EPCRA Tier II reports for a wide range of facilities.
- Form R Submissions (SARA Title III)
 - TEC staff has extensive experience with compilation of information and submittal of Section 313, Form R reports.
- Renewable Fuel Standards
 - Professional Engineer registration certification
 - EPA fuels program
- Resource Conservation and Recovery Act (RCRA)
 - TEC staff has extensive experience assisting with interpretation and implementation of RCRA rules and regulations for Fortune 100 companies.
- Environmental Tracking
 - TEC staff has set up and implemented environmental tracking systems at a wide range of facilities. TEC develops both on-site and secure web based systems.
- Health and Safety Program Development and Administration
 - TEC staff assists with development of OSHA required health and safety written programs, employee training and recordkeeping.
- Organizations
 - TEC participates in environmental organizations such as the Iowa Association of Business and Industry (including several IDNR task forces) and the Iowa Air and Waste Management Association (past-chair and director).