



PROVIDING SUSTAINABLE TECHNICAL
AND BUSINESS SOLUTIONS

ENVIRONMENTAL SERVICES

Managing risks and making opportunities from environmental requirements

HELPING CLIENTS MEET ENVIRONMENTAL IMPROVEMENT GOALS

Many owners are learning of the bottom-line benefits that can be achieved through environmental improvement. More efficient operation, reduced energy requirements, improved productivity and public relations benefits can all enhance the bottom-line. ●

OPERATIONAL FLEXIBILITY IS THE KEY

The environmental services team assists clients with the multi-faceted challenges owners and operators face from environmental requirements. We assist with meeting current environmental requirements while planning for future possibilities. Our experience spans a wide range of industrial, institutional and utility clients providing us the insight to minimize compliance costs and maximize operational flexibility. ●

AREAS OF EXPERTISE

- **Air Quality Permitting:** Participate in design and craft pre-construction/operating permits which incorporate operational flexibility for major and minor sources.
- **Air Dispersion Modeling and Health Risk Analysis:** Craft facility models to assess air quality impacts and available growth increments to assess health risk impacts.
- **Environmental Markets and Credit Trading:** Determine whether existing or planned environmental credit markets provide opportunity for revenue.
- **Compliance with Specialized Requirements:** Develop compliance strategies for special requirements under NSPS or MACT standards.
- **Renewable and Alternative Energy:** Obtain permits, evaluate emissions and identify credits for renewable/alternative energy projects.
- **Environmental Master Planning:** Analyze compliance status and allowable future growth increments for facility and utility master planning activities.
- **Pollution Control Design:** Assess current and future pollution control requirements to meet long term needs.
- **Compliance Plans and Training:** Prepare required plans and train operators on the work practice standards such as Shutdown/Startup/Malfunction, Risk Management, Process Safety Management and Spill Prevention, Containment and Countermeasures.
- **Sustainable Design:** Incorporate sustainable principles into design of new structures or within existing operations. Our staff can also manage the LEED® certification process.
- **Water & Wastewater Treatment:** Provide process design, construction document preparation, rate study and energy evaluations, permit negotiations, through startup & commissioning services and post construction documentation.