



# Biodiesel

## Environmental Services for the Biodiesel Industry

### Air Quality

- **Batch Process Chemical Modeling**  
NESHAP-compliant chemical process emissions modeling of Methanol, Ethanol, and Other VOCs for the Synthetic Organic Chemical Manufacturing Industry (SOCMI)
- **Construction & Operating Permits**  
New Source Review (NSR), and Prevention of Significant Deterioration (PSD), Title V, Synthetic Minor/Conditional Major, Minor
- **Air Dispersion Modeling**  
HAPs/toxic air pollutant dispersion models and PSD Dispersion Modeling for NAAQS compliance, increments, and visibility
- **Control Determinations**  
Best Achievable Control Technology (BACT), Lowest Achievable Emission Rate (LAER), and Reasonably Available Control Technology (RACT)
- **NESHAP Impact Assessments & Implementation**  
Including the Miscellaneous Organic NESHAP (MON Rule).
- **NSPS Compliance Assistance**  
Including the SOCMI NSPS's for Equipment Leaks (LDAR), Reactors, and Distillation Processes.
- **Air Records Management Systems (ARMS)**  
Recordkeeping systems for ongoing compliance, including monthly emission calculations and tracking systems and custom-designed databases tailored to each client's facility
- **Reporting**  
Preparation of quarterly and semiannual permit and regulatory reports, emission inventories, emission fees, and annual Title V compliance certifications
- **Stack Testing**  
Coordination, planning, and observation of stack tests
- **Vapor Intrusion Modeling**  
Modeling, soil gas survey, and indoor air sampling

### Waste Management

- **RCRA/CERCLA Site Investigations**
- **Environmental Due Diligence**  
Phase I and Phase II site investigations

- **Waste Reduction & Source Studies**
- **Hazardous Waste Generator Compliance**  
Including program development, contingency plan development, and ongoing reporting
- **Asbestos Surveys & Project Management**
- **Remediation of Contaminated Sites**  
Including characterization, design, closure, and ongoing monitoring

### SPCC, Storm Water Pollution Prevention, and NPDES Wastewater

- **Spill Prevention Control & Countermeasure (SPCC) and Facility Response Plans (FRPs)**
- **Storm Water Pollution Prevention Plans (SWPPP) with Best Management Practices (BMPs)**
- **NPDES Wastewater Discharge Permits & Compliance**  
Including Discharge Monitoring Reports (DMRs)

### Emergency Planning and Community Right to Know Act (EPCRA)

- **EPCRA Section 311, 312, 313 Reports**

### EH&S Program Development

- **Corporate EH&S Program Development**
- **Training**  
Development and implementation of training programs for regulatory compliance
- **Ongoing Compliance Support**  
Periodic reviews of records and programs to ensure continued environmental compliance

### EPS is about the business of the environment.<sup>sm</sup>

EPS is a consulting firm that has helped companies for more than a decade with an interdisciplinary team of experts focused on identifying and facilitating business opportunities and sustainability strategies that maximize value and drive profitable growth. EPS helps its clients maintain regulatory compliance, aim for environmental excellence, and achieve high standards of corporate responsibility—all as elements of profitable growth. Our professional experience acquired through service in commercial, industrial, and governmental sectors provides innovative and cost-effective solutions to our clients' environmental and corporate responsibility needs.

*Please contact us for more information.*

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