

# Air Quality and Wastewater Programs for the Ethanol Industry



Air Resource Specialists' (ARS') environmental professionals are experienced in addressing the primary air and water quality regulations facing the ethanol industry. Our Environmental Compliance Section can advise you on specific environmental requirements related to your proposed plant design and location.

- Permitting new and modified ethanol manufacturing facilities
- Maintaining compliance with applicable regulations at existing plants
- Assisting clients with the consequences of federal and state inspections indicating non-compliance



## Clean Air Act Support

- Clean Air Act permits (construction, operating, and PSD)
- Compliance audits
- Compliance reports
- Compliance action plans
- Ongoing compliance support and training
- Expert testimony



## Clean Water Act Support

Although most new ethanol plants in the U.S. are considered zero discharge facilities, these plants must still consider the Clean Water Act for stormwater and non-process wastewater discharges (boiler and cooling tower blowdown). Most permits associated with ethanol and the Clean Water Act are regulated under the National Pollutant Discharge Elimination System (NPDES).

- NPDES permitting (direct discharges, pre-treatment permitting, and stormwater)
- Stormwater Pollution Prevention Plans (SWPPPs) for both construction and industrial sources including Notices of Intent (NOIs)
- Compliance assistance associated with Discharge Monitoring Reports (DMRs)
- Spill Prevention Control and Countermeasure (SPCC) Plans
- Spills and release reporting and record keeping
- Ongoing compliance support for facility operations



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