

Cement, Concrete, and Aggregates Industry

Zephyr Environmental Corporation (Zephyr) has two decades of experience assisting cement, concrete, and aggregate plants with all aspects of environmental and safety compliance. Zephyr has provided permitting services, regulatory compliance determinations, federal and state reporting assistance, and auditing support to facilities all over Texas and in other states. Zephyr is also an active member of the Portland Cement Association (PCA) and has worked with several PCA members in differing capacities.



Examples of the services Zephyr's experts have provided for the cement, concrete, and aggregates industry includes:

- Air permitting support (NSR, Title V) for new cement kilns and modifications to existing cement kilns
- Air permitting for alternate fuels at cement kilns
- Permit-By-Rule registrations for concrete batch plants
- Air permitting for modifications at aggregate plants
- PC MACT compliance support, reporting, and recordkeeping assistance
- Operation and Maintenance Plan development
- Air dispersion modeling
- Greenhouse gas (GHG) reporting and recordkeeping
- Compliance with coal/fly ash regulations
- Waste management and regulatory compliance assistance (RCRA, BIF)
- Multimedia Environmental, Health and Safety (EHS) audits
- EHS data management system development and implementation support
- Maintenance, startup and shutdown emissions inventories and permitting support
- Compliance assurance monitoring applicability, analysis, and plan development support
- Section 114 request and response assistance
- Spill Prevention, Control and Countermeasure (SPCC) Plan preparation and certification
- Federal NPDES and state storm water pollution prevention plans and permitting assistance
- Safety program development and training
- Agency negotiations and community meeting support
- Expert testimony support
- Edwards Aquifer and floodplain permitting
- Geologic and Biological assessments
- Threatened & Endangered species habitat assessments
- U.S. Fish and Wildlife (USFWS) and U.S. Army Corps of Engineers (USACE) consultations
- Wetland delineations
- Habitat, Wetland and Stream Mitigation
- Karst surveys
- GIS graphic services
- Stockpile evaluation
- Lithologic investigations



Assisting clients worldwide with their EHS consulting, training, and data systems needs.

