

ALISON K. DAVIS



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AREAS OF EXPERTISE

Industrial and municipal wastewater permitting and compliance (NPDES & Indirect Discharge)

Alternative permit limit strategies

Clean Water Act 316(b)

Water quality evaluations

Stormwater evaluations, permitting and plans

EDUCATION

B.S., Geography- Resource & Environmental Studies, Texas State University

DIRECTOR, TECHNICAL SERVICES

The WCM Group, Inc, Humble, Texas - June 2005 to Present

Responsible for water, wastewater, and stormwater permitting and compliance activities for a variety of clients that include electrical power generation industry, chemical manufacturing, petrochemical industry, oil and gas industry, public health community, and the chemical/food transportation industry throughout the United States.

- NPDES Wastewater Permits and compliance. Preparation of renewal and amendment applications with technical support through permit issuance. Permit amendment requests have included outfall relocation, addition of waste stream(s), and increase of flow volume, evaluation and development of alternative permit limitations through biotic ligand modeling, water effects ratios and partitioning coefficients
 - o 316(b) compliance project management for facilities discharging from over 2 million gallons per day (MGD) to greater than 125 MGD. Preparation of 316(b) compliance reports and technical support of permit compliance with 316(b) regulations
 - o Toxicity Reduction Evaluations, Discharge Monitoring Report preparation and technical support, water quality technical review and use of TCEQ's Water Quality Standards and TEXTOX menus to project pollutant analytical requirements and permit limits
 - o Evaluation of facility wastewater operations. Formerly a licensed wastewater treatment operator in Louisiana
 - o Wastewater discharge option evaluations for grass roots projects
- POTW wastewater permit applications and compliance support
- Beneficial reuse of domestic and industrial wastewater. Applications to produce and provide domestic reclaimed water, compliance, operations, and maintenance plan to produce and provide domestic reclaim water
- Drought contingency preparation technical support and coordination with applicable water provider, i.e. the city, county, etc.
- Facility stormwater evaluations, permitting, and plans. Ongoing compliance support for a variety of facilities and regulatory agencies

- Public water supply systems, coordination to become a public water supplier, preparation of requests and obtaining approval for new and innovative technology treatment, preparation of public water supply system monitoring plans, and provide ongoing technical and compliance support
- Railroad commission wastewater and well permitting/authorizations
- U.S. Fish and Wildlife and/or NOAA permitting, to obtain authorization for incidental take
- Stormwater and wastewater auditing
- Phase 1 site evaluations and report preparation for a variety of commercial and industrial facilities
- SPCC and New Jersey DPCC plan preparation and technical support
- Preparation of facility topographic, site, and adjacent landowner's maps
- Preparation of transfer of ownership for industrial facilities
- Field work experience in stormwater collection and visual inspections, wastewater sampling, monitoring well installation and monitoring, and soil sampling

ASSISTANT ENVIRONMENTAL COORDINATOR

Hays Energy Limited Partnership, San Marcos, TX - May 2004 - August 2004

Responsibilities included: stormwater pollution prevention monitoring and compliance, secondary containment monitoring and inspection, on-site waste manifest documentation included filling out manifest for pick up and disposal, coordinated facility recycling program, safety and fire prevention duties.

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