

# Curtis Miles

## Summary

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Curtis has over 25 years of experience in Environmental Management and Engineering. His expertise includes Environmental Management, Environmental Negotiation, RCRA, Title V, PSD, NSR, NPDES, Air Emission Inventory, GHG, Environmental Assessments, Environmental Audits, Remediation, EPCRA, TRI, Storm Water, UST, Groundwater and Landfills.

## Key Expertise

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|----------------------------|-----------------------------|
| • Environmental Management | • Environmental Negotiation |
| • RCRA                     | • Title V Permitting        |
| • New Source Review        | • Underground Storage Tanks |
| • NPDES                    | • Storm Water               |
| • Audits                   | • Groundwater               |
| • Air Emission Inventory   | • TRI Reporting             |
| • Greenhouse Gas           | • Emergency Response        |

## Project Experience

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### Air Quality

*Title V Permitting:* Develop Title V permits for chemical manufacturing plant, including initial applications, renewals, modifications. Develop systems for compliance with the permits.

*New Source Review:* Develop NSR permits for chemical manufacturing and RCRA TSD facilities, including PSD, Standard Permits, Permits by rule. Work in California, Oklahoma, Texas and Saskatchewan.

*Air Emission Inventory:* Prepare and submit annual air emission inventories for large chemical facilities. Develop methods for calculating emissions from upsets as well as MSS and Routine operations.

*Greenhouse Gas:* Submit GHG emissions inventories to EPA from chemical manufacturing facilities. Prepare international sustainability reports.

*Air Pollution Control:* Design and optimize air pollution control systems in the chemical, waste treatment and plating industries.

## **Water Quality**

*NPDES:* Develop NPDES permits including collection of data, preparation of applications, negotiation of conditions, modification of permits. Develop systems to comply with permit conditions.

*Toxicity Reduction Evaluations.* Develop and implement TREs to determine causes of wastewater toxicity and develop systems to comply with NPDES requirements. When necessary, develop and conduct Toxicant Identity Evaluation (TIE) to discover particular toxicants present in the wastewater.

*Storm Water:* Develop and implement effective Stormwater Pollution Prevention Plans, SWP3. Reduce environmental impacts from stormwater in a cost effective manner.

*Groundwater:* Develop and implement cost effective groundwater remediation systems.

*Wastewater Treatment:* Develop and implement robust and cost effective wastewater treatment systems.

## **Waste**

*RCRA:* Prepare, renew and maintain Part B Permits for multiple commercial TSD facilities. Oversee waste acceptance procedures. Manage TSD facility. Develop, implement and complete clean closure of RCRA TSD to allow continued treatment of non-hazardous waste.

*Waste Minimization:* Reduce hazardous waste generation to take facilities from Large Quantity Generators to Conditionally Exempt Small Quantity Generators. Properly Identify Hazardous and non hazardous wastes.

*Landfills:* Register Industrial Onsite landfills. Develop closure costs. Complete closure and post closure of landfills.

*Waste Treatment:* Design and operate waste treatment systems in TSD facilities, refineries, chemical industry, oil and gas facilities and plating industry.

## **Miscellaneous**

*Environmental Management:* Develop, implement and improve environmental management systems for chemical manufacturing facilities.

*Negotiation:* Trained environmental negotiator. Negotiate new interpretation of regulation, favorable permit conditions, remediation plans, enforcement orders, and voluntary improvements.

*Emergency Response:* V.P. Operations: Managed personnel for environmental services company specializing in emergency response.

*Underground Storage Tanks:* UST Registration, LUST removal/remediation.

*Audits:* ISO 9001, ISO14001. Permit Audits. Audit Privilege Act.

*Site Assessment:* Conduct and respond to site assessments for due diligence.

*TRI Reporting:* Develop calculations and methods for determining and tracking Toxic releases. Report releases per EPA requirements.

## **Education\Certifications**

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- B.S., Chemical Engineering, Rose-Human Institute of Technology Terre Haute, IN
- MBA ( Emphasis in Leadership) LeTourneau University, Longview, Texas
- Environmental Negotiation, Harvard/MIT Program on Negotiation, Cambridge, MA