



MEGHAN SKEMP DIRECTING CONSULTANT

CREDENTIALS

- ♦ M.E, Environmental Engineering, Vanderbilt University, 2009
- ♦ B.E., Chemical Engineering, Vanderbilt University, 2006
- ♦ Air & Waste Management Association (AWMA) Gulf Coast Chapter Board – Secretary, 2022 - present

PROFESSIONAL EXPERIENCE

- ♦ **2025 – present:** ALL4 LLC, Houston, TX – Directing Consultant
- ♦ **2022 – 2025:** ALL4 LLC, Houston, TX – Senior Managing Consultant
- ♦ **2019-2022:** ALL4 LLC, Houston, TX – Managing Consultant
- ♦ **2017-2019:** Coterie Environmental, LLC, TX – Project Engineer
- ♦ **2014-2016:** Spectra Energy, TX – Senior Air Compliance Engineer
- ♦ **2010-2014:** Environmental Resources Management (ERM), TN – Project Manager
- ♦ **2006-2010:** Connestoga-Rovers & Associates (CRA), TN – Project Engineer

TECHNICAL EXPERTISE

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| ✓ Program and Project Management | ✓ CEMS; data reconciliation; system audits, quarterly and semiannual reporting |
| ✓ State and Federal air permitting programs (including NSR, PSD, MACT, NSPS, NESHAP, Title V) | ✓ Spill Prevention, Control, and Countermeasure (SPCC) Plans |
| ✓ New/modified source air permitting | ✓ Stormwater Pollution Prevention (SWP3) Plans and NPDES permitting |
| ✓ Multimedia environmental regulatory review program development | ✓ Toxic Release Inventory (TRI) Reporting |
| ✓ Air emissions inventory development and submissions | ✓ ISO14001 Environmental Management Systems development |
| ✓ Environmental training program development (air, water & waste) | ✓ On-site hazardous waste storage compliance auditing |
| ✓ Air Quality Compliance Strategies and Programs | ✓ Emergency Planning Committee Right to Know Act (EPCRA) Sections 312 and 313 reporting |
| ✓ Hazardous Waste Combustion MACT (Subpart EEE) | ✓ Resource Conservation and Recovery Act (RCRA) Part B permitting, auditing and compliance |
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PROFESSIONAL OVERVIEW

Ms. Meghan Skemp is a senior air quality consultant with over 19 years of air quality permitting and compliance experience. Ms. Skemp has significant air permitting experience in over twenty states with emphasis on Title V, MACT, NSPS, and NSR. She has worked for a variety of industries including Corrugated Packaging Manufacturing, Hazardous Waste Incineration, Chemical, Oil and Gas, Automotive, and Food and Beverage.

Ms. Skemp has prepared and managed the development of state construction permit applications, New Source Review (NSR) applications, Title V permit applications, emissions inventories and annual emissions statements, greenhouse gas (GHG) reporting, and annual and semi-annual compliance reporting. Ms. Skemp has significant Hazardous Waste Combustor MACT (40 CFR 63 Subpart EEE) experience including development of all required performance testing and operating plans, development & presentation of operator training, semiannual reporting, and experience with serving as the Quality Assurance Officer (QAO) for facilities in LA - providing on site assistance for performance testing, evaluation of laboratory analyses, and preparation of the QAO report. Ms. Skemp has also supported these clients with RCRA Part B permitting, compliance and on-site audits.

In addition, Ms. Skemp has also developed and managed Spill Prevention, Control, and Countermeasure (SPCC) Plans, Resource Conservation and Recovery Act (RCRA) Contingency Plans, Stormwater Pollution Prevention (SWP3) Plans, and EPCRA Section 313 Toxics Release Inventories (TRI). Ms. Skemp has also implemented ISO 14001 Environmental Management Systems (EMS) for a variety of industries. Ms. Skemp also has on-site hazardous waste storage compliance auditing experience for a variety of industries.

During her professional experience, Ms. Skemp has served as Project Manager for several large environmental programs for various industrial clients including the implementation of NSPS/MACT and Title V programs. These activities included program management, executive management coordination/training, agency interaction, public outreach, permit application development, permit negotiation, recordkeeping/reporting system implementation and management, environmental/operations personnel training, and auditing.



AIR QUALITY PERMITTING EXPERIENCE

Air Program Management, Corrugated Package Manufacturing, Multiple States, Senior Managing Consultant: Provided long-term and day-to-day air program management for a large, corrugated packaging manufacturing client with 180 facilities nationwide. Prepared air permit applications for synthetic minor sources for capital projects and routine permit renewals. Responsibilities included assisting with permit negotiations with state agencies and preparing comments on pre-draft and draft compliance conditions. Completed emissions calculations, regulatory analyses, and compliance certifications. Led efforts to improve consistency and accuracy with permit monitoring, recordkeeping, and reporting systems. Maintained continuous contact with client to anticipate company needs and compliance obligations and provide specific recommendations and conclusions with respect to applicable air quality permitting and regulatory requirements.

Air Program Management, Fuel and Petrochemical Refining, Texas, Senior Managing Consultant: Provided long-term strategic and day-to-day air program management for one of the nation's most advanced and efficient fuel and petrochemical refineries (with a crude refining capacity of approximately 167,000 barrels per day and a diverse product mix). Responsibilities included assisting with Title V permit audit findings and corrective actions, providing applicability and regulatory support including gap analyses and impacts associated with HON, and supporting implementation of digital solutions integration of EHS software. Maintained continuous contact with client to anticipate company needs and compliance obligations and provide specific recommendations and conclusions with respect to applicable air quality permitting and regulatory requirements

State Implementation Plan (SIP) SO₂ modeling, oil refinery, Texas, Senior Managing Consultant: Managed the project modeling team in developing and executing a complicated non-standard statistical modeling demonstration to show compliance using a Monte Carlo randomization approach. Responsibilities included coordination of frequent conference calls and meetings with the client, internal and external stakeholders, regulatory agency staff, and internal and external legal counsel to provide concise and clear project updates, coordination of internal resource allocation, and project task, scope, and budget tracking.

Regulatory Support – SO₂CM (HON, MON, etc.), Various Petrochemical Clients, LA/TX, Senior Managing Consultant: Provided applicability and regulatory support, including gap analyses, and determined impacts and next steps associated with the recently proposed SO₂CM rules. This includes review of facilities processes, diagrams, and routine meetings with process engineers and operations staff to determine how each Facility plans to address the changes – including the preparation of compliance demonstration plans for each Facility.

Construction Permit/Operating Permit Applications, Multiple Clients, Managing Consultant: Managed the development of air permit applications for major and minor sources in Texas, Tennessee, Pennsylvania, Oklahoma, and Ohio. Project tasks included interacting with permitting agency, performing Federal and state regulatory applicability analysis, and developing emissions inventories

Initial Title V Applications, Title V Renewal Applications, Title V Revision Applications, Managing Consultant: Prepared Title V Applications for facilities in Texas, Tennessee, Louisiana, and Indiana for chemical, tire manufacturing and miscellaneous manufacturing industries.

Annual/Semi-annual Compliance Reports, Managing Consultant: Managed the preparation of annual and semi-annual compliance reports for facilities in Tennessee, Texas, Louisiana and Alabama for chemical, ammunition destruction and tire manufacturing industries.



OTHER TYPES OF EXPERIENCE

Greenhouse Gas Emissions Reporting, Oil and Gas, TX, Senior Managing Consultant: Managed a team to develop emissions calculations pursuant to Subpart W and report to the EPA. In addition, a worldwide corporate report was developed to represent global emissions.

Flare Management Plan Revisions, Refinery, TX and LA, Managing Consultant: Managed the preparation and revision of existing Flare Management Plans to comply with the Refinery Sector Rule (RSR). Developed the plans to satisfy the requirements of 40 CFR Part 60, Subpart Ja, and 40 CFR Subpart 63, Subpart CC.

Continuous Parameter Monitoring System (CPMS) Plan Development, Refinery, OK, Project Engineer: Managed the preparation and development of the CPMS to comply with Refinery Sector Rule (RSR). Developed plans to satisfy requirements of 40 CFR Part 60, Subpart Ja, and 40 CFR Subpart 63, Subpart CC.

Resource Conservation and Recovery Act On-Site Audits, Manufacturing Facility, Managing Consultant: Served as the lead auditor for RCRA compliance assessments within Ammunition Destruction facility reviewing Satellite Accumulation Areas, Central Waste Storage Areas, and general safety compliance with full audit report provided for recordkeeping for facility in Texas.

Resource Conservation and Recovery Act Reporting and Part B support, Multiple Clients, Managing Consultant: Managed the preparation of biennial RCRA Hazardous Waste reports for various industries. Activities included analyzing waste manifests, classifying waste streams, generating waste stream tracking spreadsheets, and preparing and submitting the RCRA Hazardous Waste Reports through various on-line state submission services. Activities also included preparation and submittal of RCRA Part B permits and assistance with facility compliance

Texas Annual Waste Summary (AWS) Waste Reporting, Multiple Clients, Managing Consultant: Prepared AWS for multiple facilities in Texas. Activities included analyzing waste manifests, classifying waste streams, generating waste stream tracking spreadsheets, and preparing and submitting AWS via STEERS.

SARA 313 Toxic Release Inventory Reporting, Multiple Clients, Managing Consultant: Managed the preparation of annual Toxic Release Inventory reports utilizing U.S. EPA's TRIme-WEB tool for multiple facilities in Texas, Tennessee, Louisiana and Alabama.

Emergency Planning and Community Right-to-Know Act Reporting, Multiple Clients, Managing Consultant: Managed the preparation of annual EPCRA reports utilizing U.S. EPA's Tier2Submit software for facilities in Texas, Tennessee, Louisiana and Alabama.

Environmental Plan Management, Managing Consultant: Managed the preparation of various environmental plans including Spill Prevention Control and Countermeasures (SPCC) Plans, Continuous Emissions Monitoring Plans, risk management plans, fugitive dust control plans, ambient monitoring plans, and GHG monitoring plans.

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Managing Consultant: Managed the preparation of continuous release reports, annual continuous release evaluations, and instantaneous release tools.



TRAINING WORKSHOPS

NAAQS to Basics Live Expert Webinar 2022, ALL4 LLC, Senior Managing Consultant (Moderator): A webinar hosted by ALL4 that reviewed the background on NAAQS standards, what they are and how they are set, and how the NAAQS relates to air quality permitting.

New Zones for Ozone National Ambient Air Quality Standards (NAAQS) Live Expert Webinar 2022, ALL4 LLC, Senior Managing Consultant (Presenter): A webinar hosted by ALL4 that provided a quick overview of the current ozone NAAQS and discussed EPA's current review of the ozone NAAQS, ozone transport, recent ozone redesignation actions, and implications for air permitting in ozone nonattainment areas.

Updates to the PM2.5 and Lead National Ambient Air Quality Standards (NAAQS) Live Expert Webinar 2022, ALL4 LLC, Senior Managing Consultant (Moderator): A webinar hosted by ALL4 that included a quick overview of the current PM2.5 and lead NAAQS, provided updates on EPA's reconsideration of the December 7, 2020 decision to retain the existing PM2.5 standards, and discussed the upcoming review of the lead standard.

Hazardous Waste Live Expert Webinar 2022, ALL4 LLC, Managing Consultant (Presenter): A webinar hosted by ALL4 that reviewed the basics for Biennial Waste Reporting with Ms. Skemp's presentation portion consisting of RCRAInfo resources, tips for success & hazardous waste reporting subject matter expertise.

AQ201: Texas Air Quality 201, ALL4 LLC, Managing Consulting (Presenter): A training program through ALL4 that dives into more complicated air quality topics including ambient/meteorological monitoring, New Source Review (NSR) permitting, and air quality compliance.

Basic Plus Orientation & Annual Refresher (Attendee): A training program through the Health and Safety Council (HASC) that covers general safety rules, regulations, practices, and principles associated with the construction and contract maintenance/services industry, including general employee safety, hazardous communication, and chemicals safety (HAZCOM), and emergency action plans.



PUBLICATIONS/ PRESENTATIONS

- Skemp, Meghan. "Update on Texas Legislative Session House Bill 2726 – Commencement of Construction" ALL4's 4 The Record Blog, July 2020.
- Skemp, Meghan. "ALL4's Texas 2021 Look Ahead" ALL4's 4 The Record Blog, January 2021.
- Skemp, Meghan. "The Fifth Revision of the TCEQ's Penalty Policy Finalized" ALL4's 4 The Record Blog, February 2021.
- Skemp, Meghan. "My Facility is Subject to the EMACT – What Should I be doing Now?" ALL4's 4 The Record Blog, July 2021.
- Skemp, Meghan. "ALL4's Texas 2022 Look Ahead" ALL4's 4 The Record Blog, January 2022.