

Dustin Pittman

Project Manager

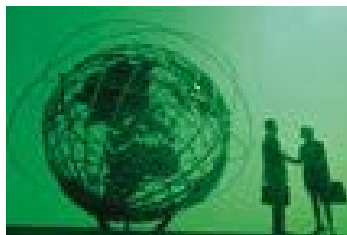


Exhibit A-50

Dustin Pittman is a Project Manager with ERM based in Seattle, Washington. He has five years of environmental consulting experience across multiple industries to ensure regulatory compliance with local, state, and federal regulations.

His experience includes conducting air quality dispersion modeling, air permit applications, BACT analyses, emissions inventories, greenhouse gas reports, environmental impact statements, FERC air and climate change resource reports, and regulatory compliance for a multitude of clients and industries.

Mr. Pittman is knowledgeable of local, state, and federal environmental policies and regulations, as well as, FERC licensing. He specializes in air quality dispersion modeling and has managed projects in many industries across multiple states perform NAAQS modeling in addition to local/state level modelling.

Mr. Pittman is experienced in performing regulatory compliance audits including several Duke coal-fired power plants in North Carolina. He was tasked with performing on-site meetings and tour of the facilities to identify compliance triggers for each facility and complete a compliance register.

Education

- Master of Science, Atmospheric and Oceanic Sciences, University of California, Los Angeles (2012)
- Bachelor of Science, Atmospheric Science, Purdue University (2010)

Fields of Competence

- Air emission inventories for permitting and reporting
- Air quality permitting
- Greenhouse gas reporting
- Regulatory compliance
- AERMOD air quality dispersion modeling
- Toxic health risk assessments

Key Industries

- Cement Production
- Chemical Manufacturing
- Oil and Gas
- Power Production

Professional Affiliations

- Air & Waste Management Association (AWMA)

Select Conferences

- *Minimizing industry's climate change risk by implementing climate adaptation plans* – AWMA, 2014

Key Projects

Recycled Tissue Mill Air Permit, Confidential Recycled Tissue Mill Client, Washington and Oregon Refinery, Task Lead

Task lead for conducting an air permit for a recycled tissue mill in the states of Washington and Oregon. Tasks included understanding the facility needs and regulatory requirements, calculating potential emissions, performing a BACT analysis, and conducting air dispersion modeling.

Environmental Impact Statement, Tesoro Anacortes Refinery, Clean Products Upgrade Project, Anacortes, Washington, Task Lead

Task lead for third-party environmental impact statement for Tesoro's Clean Products Upgrade Project (CPUP) at their refinery in Anacortes, WA. Lead for air quality and climate change section which involved researching regional climate, determining project specific emissions, and estimating project impacts to air quality and climate change.

Air Quality Dispersion Modeling, Louisiana, Confidential Oil & Gas Client, Task Lead

Task lead of air quality dispersion modeling portion of two LNG terminal projects in Louisiana. Developed air quality dispersion modeling specific emission calculations and conducted modeling evaluation of compliance with the NAAQS. Duties included modeling both facilities for Class I, Class II, and FERC modeling analyses.

Fenceline Monitoring, Anacortes, Washington, Confidential Oil & Gas Client, Task Lead

Task lead for developing and deploying a fenceline monitoring program for a refinery in northern Washington. Developed a facility monitoring plan as part of the new EPA Fenceline Monitoring Rule.

Air Quality Dispersion Modeling, Houston, Texas, Celanese, Task Lead

Task lead of air quality dispersion modeling portion of an air permit modification. The client was looking to expand operations at their chemical refinery. The permit modification required state level toxics modeling and criteria pollutant modeling using AERMOD for

local/state level modeling and EPA level modeling requirements, respectively.

Environmental Compliance, North Carolina, Duke Energy, Air Specialist

Assisted as part of a national team with an environmental compliance audit of several coal-fired power plants in North Carolina. Tasks included identifying applicable regulatory requirements for each facility, assigning facility personnel to each regulatory task, and creating a compliance register for all applicable compliance requirements.

Air Quality Dispersion Modeling, Nederland, Texas, Confidential Oil & Gas Client, Task Lead

Task lead of air quality dispersion modeling portion of an air permit modification. The client was looking to expand operations at their oil export terminal. The permit modification required multiple iterations of state level toxics modeling and criteria pollutant modeling using AERMOD for local/state level modeling and EPA level modeling requirements, respectively. The project was adding over ten (10) new chemicals on-site resulting in over 15 new chemical components needed to be modeled against Texas' health impact thresholds.

Air Emissions and Regulatory Compliance, Multiple Locations, U.S Air Force, Task Lead

Task lead for developing an emission and equipment inventory for multiple Air Force bases across the country. Tasks included on-site visits, multiple communication paths with Air Force personnel, calculating air pollution emissions based on number of on-site equipment and annual fuel usage, regulatory compliance audits of HVAC systems, and creation of an air-specific compliance register.

Health Risk Assessment, Victorville, California, Confidential Cement Production Client, Task Lead

Task lead for developing a toxic emissions inventory and health risk assessment for a cement production facility. Tasks included air quality dispersion modeling using AERMOD and creating a health risk assessment report.