

Nancy D. Garnett

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Cell: 817/791-4060

Highly accomplished environmental professional with comprehensive knowledge of regulations and compliance including air (NSR, NSPS, NESHAP, TRI), water, stormwater, SPCC, waste, EPCRA covering or assisting with facilities in multiple states (TX, CO, CA, OK, IA, SD, MN, and LA). Focused on environmental compliance, understanding relevant regulations and in development of strategies addressing environmental concerns.

PROFESSIONAL EXPERIENCE

Environmental Engineering Associate – City of El Paso, Environmental Services Department, El Paso, TX (June 2017 – Aug 2018)

Managed clean up and disposal of old laboratory hazardous waste chemicals and used oils on City of El Paso properties, amended permits for municipal landfill and waste transfer station, reviewed the Texas state implementation plan (SIP) designations for El Paso, related the SIP for particulate matter to municipal ordinance for stagnation to evaluate possible amendment of ordinance, reviewed and trained staff regarding the air quality permits associated with all city facilities, and clarified applicability of acceptance of municipal professional engineers on use on city projects.

Corporate Environmental Manager - GCC of America, Inc., Glendale, CO (Mar 2015 – Sept 2016)

Supported and helped to train new and existing plant environmental managers at industrial plants, ensuring that they obtain the knowledge and tools necessary to maintain compliance across all media. Reviewed environmental work products from employees and consultants ensuring that their work product was prepared accurately and on time. This includes quarterly and annual stormwater reporting in Colorado, National Emission Standards for Hazardous Air Pollutants (NESHAP) semiannual reports, New Source Performance Standards (NSPS) semiannual reports, Colorado Department of Public Health and Environment (CDPHE) semiannual air compliance reports, air compliance test reports, Tier Two Chemical Inventories and EPA Toxic Release Inventory reporting. Assisted with agency annual site inspections, review of Stormwater Pollution Prevention Plans (SW3P) for concrete plants in Oklahoma, Arkansas, South Dakota, North Dakota, and Minnesota, audits of concrete batch plants stormwater and SPCC compliance in various states.

Manager Environmental Services – TXI Operations, LP (a Martin Marietta Company), Midlothian, TX Cement Plant (Jul 2014 – Feb 2015)

Actively communicated with managers and operational supervisors the actions that are necessary for them to meet or exceed the requirements for compliance with current and anticipated environmental laws and regulations concerning operations at plants. Completed industrial discharge permit applications and negotiations of permit terms. Reviewed and submitted industrial air permit applications and permit conditions to ensure compliance. Evaluated the programming of the data acquisition system (DAS) for accurate emissions calculations in anticipation of new DAS installation. Fully identified the continuous emission monitoring devices being selected, the measurements needed, and the appropriate calculations for emissions management in the DAS and to ensure accurate reporting of air emissions.

Manager Environmental Processes - TXI Operations, LP, Dallas, TX (Sept 2013 – Jun 2014)

Performed due diligence site assessments, supported plant environmental managers across all regulatory areas and all media to ensure permit and reporting compliance for all plant sites, directed outside consultants to evaluate the extent of contamination and remediation activities, reviewed and certified as a professional engineer SPCC plans for concrete batch plants, aggregate plants and cement plants.

Environmental Manager - TX Cement and Expanded Shale & Clay, TXI Operations, LP (Aug 2006 – Jul 2013)

Prepared and managed budget to ensure that the environmental department was within the budgetary requirements and operated efficiently. Supervised two technical professionals to oversee all environmental authorizations and ongoing compliance efforts. Inspected cement plants and quarry sites, commented on inspection reports, assisted with determination of best management practices (BMPs), and selected dust control products for quarry roads to minimize impacts to a sole source aquifer associated with the quarry. Revised air permits for a newly constructed cement kiln at a brownfield site for actual conditions, added recycled non-hazardous fuels to newly constructed kiln, completed startup testing and reporting to agency, prepared and submitted amendment application for revision of Title V permit for newly constructed kiln. Set up an onsite diesel fuel leak bioremediation to ensure that it was managed appropriately by onsite personnel so that closure could be obtained. Completed final closure of hazardous waste permit associated with Midlothian, Texas cement plant including third-party cleaning of tanks, sampling, reporting and remediation of contaminations.

Environmental Manager - Concrete/Aggregates, TX, LA, OK, and AR, TXI Operations, LP (Aug 2001 – Aug 2006)

Audited concrete batch plants and aggregate plants to identify and eliminate environmental issues and possible liabilities. Negotiated terms with state agencies to resolve enforcement issues. Also negotiated permit conditions on industrial discharge permits, NSR air permits, and minor source air permits. Prepared and implemented budgets for the department and supervised three technical people to ensure compliance at construction materials sites across all media. Directed outside consultants over remediation projects using risk reduction standards. Developed environmental plans (SW3P, SPCC, and Construction SW3P) as required by law to assure compliance with regulations. Certified as a professional engineer SPCC plans for concrete batch plants and aggregate plants.

Senior Environmental Engineer, TX, OK, CA, and CO, TXI Operations, LP (May 1991 – Aug 2001)

Completed environmental and safety audits of brick plants, expanded shale and clay plants, 30 concrete batch plants, 5 aggregate plants to identify and eliminate environmental issues and possible liabilities. Assisted real estate department with site assessments. Worked as part of a team to address EPA issues with a Superfund site dealing with lead contamination. Prepared and reviewed coworkers Discharge Monitoring Reports, Annual Solid Waste Reports, Tier Two Chemical Inventories, Title V Deviation Reports and Annual Certification of Compliance, and Toxic Release Inventory Reports. Developed environmental plans such as SW3P, SPCC, and Solid Waste Management Plans as required by law to assure compliance with regulations.

Environmental Engineer, TX, LA and OK, TXI Operations, LP (Apr 1990 – May 1991)

Reviewed and implemented SPCC plans for concrete plants and aggregate plants. Environmental and safety audits of brick plants, expanded shale and clay plants, concrete batch plants, aggregate plants to identify and eliminate environmental issues and possible liabilities. Developed environmental plans as

required by law to assure compliance with regulations. Prepared draft reports for various facilities for supervisor including Discharge Monitoring Reports, Tier Two Chemical Inventories, Toxic Release Inventories, Annual Solid Waste Reports for up to 25 facilities.

Halliburton Services, Dallas, Texas - Procedures Analyst, (1984 – Mar 1990)

Prepared final proposals and cost estimates for wide range of services provided by Halliburton. Assisted customers with determining and resolving well production problems. Optimized treatment designs using computer simulations, calculated equipment, chemicals, services and costs for cementing, acidizing, downhole tools, and various stimulation treatments.

Halliburton Services, Chemical Research Dept., Duncan, Oklahoma - Engineer, (1981 – 1984)

Analyzed chemical and mineralogical data from laboratory tests on core samples, drill cuttings, formation fluids, and geological information, prepared technical reports summarizing results, provided conclusions and recommendations for treatments. Assisted field engineers with determining optimum stimulation treatments and in resolving well production problems.

Education: B.S. in Chemical Engineering, New Mexico State University, 1981
 22 CEUs in Geotechnical Applications for Environment, Brookhaven College,
 Dallas County Community College, 1990

Seminars and Workshops: New Source Review Workshop
 TCEQ Air and Water Permits Workshops
 Superconference on Environmental Law (several years, most recent
 2014)
 National Conference to Eliminate Silicosis, 1997
 AWMA Title V Workshop
 40 Hour Hazardous Waste Operations Certification
 Petroleum Storage Tank Workshop
 Mine Safety Health Administration Law Course 2016
 Municipal Solid Waste Operator Training 2018
 Asbestos Inspector Training 2018

Professional Registered Professional Engineer in Texas #76401
Registered LPST Corrective Action Program Manager, 2013