

## STAFF QUALIFICATIONS

DEBRA M. BOOPSINGH, P.E.,  
P.G.

*Senior Project Manager*

### **Senior Project Manager, Green Star Environmental, Lewisville, TX**

Senior Project Manager with environmental consulting firm based upon providing excellence in technical and client service. Project work focuses on environmental consulting in remediation, closure services, risk assessment, compliance assistance. Responsibilities include all technical and regulatory aspects of environmental projects in six States, including Texas.

Project Experience includes working with clients, negotiating with regulatory agencies to represent the best interest of the client, and overseeing subcontractors to coordinate various tasks and ensure project completion within time and budgetary constraints. Project work is focused on Phase II and III sites, with a continual drive towards closure at the clients pace.

### **SUMMARY OF PROFESSIONAL EXPERIENCE**

#### **Project Scientist, Leigh Engineering, Inc., Dallas, Texas.**

Coordinated and conducted field investigation activities for UST closures/removals and subsurface investigations for halocarbons, petroleum hydrocarbons, and hazardous constituents. Completed soil borings and well installations at sites in Texas, Indiana and Arkansas. Worked on subsurface landfill gas sampling and modeling. Prepared Storm Water Pollution Prevention Plans (SWP3) and Spill Prevention, Control and Countermeasures (SPCC) Plans. Responsibilities included regulatory research, compliance investigations and regulatory reporting. Developed site safety plans and site decontamination plans. Managed profile and manifest procedures for hazardous and non-hazardous waste disposal. Responsible for collecting bids from sub-contractors, and estimated the time and cost of the labor necessary to complete jobs while remaining competitive.

#### **Research Assistant, Colorado School of Mines, Golden CO**

Responsible for researching relevant documents and studies. Performed soil characterization analyses soils testing of physical parameters before and after remediation activities. Synthesized MnO<sub>2</sub>, Developed MnO<sub>2</sub>-Uranium isotherm

### **PROJECT EXPERIENCE**

#### **Leaking Underground Storage Tank Assessment and Monitoring**

Managed multiple leaking petroleum storage tank sites in several States. Project experience includes coordinating field activities for well installation, groundwater monitoring and remediation system maintenance and evaluation. Reported, interpreted and presented data to various regulatory agencies and worked towards site closure.

#### **Remediation System Design and Installation**

Worked with the design team to design, and install a 12-well dual-phase extraction system in Memphis, Tennessee. The scope of work included, determination of site-specific radii of influence, air and water permitting, system configuration, on-site supervision of installation, and liaising with on-site management and installation crew. Worked with design team on groundwater extraction and soil vapor extraction remediation systems for sites in Dallas, TX and Laredo, TX.



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## **Underground Storage Tank Removal**

Managed underground storage tank closure-in-place activities in Texas, New Jersey and Indiana. Activities included review of the applicable regulation, coordination with state and local agencies and subcontractors. Field activities included oversight of excavation activities and excavation sampling.

## **Spill Prevention Control and Countermeasure Plans**

Prepared Spill Prevention Control and Countermeasure (SPCC) plans for several facilities in Texas and in numerous other states under old and new SPCC rules. SPCC plans were prepared for fleet fueling and maintenance and manufacturing facilities. Field activities include site visits to review petroleum storage at the facilities and evaluate potential spill hazards.

Also worked on preparing Storm Water Pollution Prevention Plans (SWP3) for several marinas in the North Texas Area, and prepared an Integrated Contingency Plan, for a warehouse and distribution facility in North Texas, to meet the applicable RCRA, SPCC, OSHA and TAC requirements.

## **Multi-Media Management Tools**

Developed manuals, training materials and presentations to assist clients with communication of critical environmental policies to key personnel. Worked on teams to develop additional management tools to assist clients with environmental management concerns.

## **Landfill Gas Assessment**

Managed assessment activities to determine the presence of landfill gasses. Field activities included sample point installation and collecting air samples for laboratory analysis and field screening.

## **EDUCATION**

M.S. Environmental Science and Engineering, Colorado School of Mines, 1996

B.S. Geology, University of the West Indies, 1994

## **PROFESSIONAL REGISTRATIONS, LICENSES & CERTIFICATIONS**

Professional Engineer, 2004

Professional Geologist, Texas 2002-present

Professional Geologist, Tennessee 2000-present

Environmental Professional Intern, 2000

OSHA 40-hour Training Course, 1997

OSHA 40-hour Annual Refresher, 1998 - 2003

