

LARRY W. DUTY

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ENVIRONMENTAL SCIENTIST/ PROJECT MANAGER ~ HSE SPECIALIST

“One of the real heroes...was enormously impressed with his professionalism, decisiveness, mission focus, and customer service...impressed with his ability to rapidly assess a chaotic situation, determine the best course of action...effectively implement the decision...”

- Thomas J Costello, Federal Coordinating Officer, FEMA operations in Houston
(post Hurricane Katrina recovery)

Environmental Consultant with 30+ years of experience in **analytical chemistry** and management of environmental projects (assessments/ quality control/ **disaster relief**/ emergency response for oil spills). Proven record in transmitting **mission into action plans** through focused strategy/ policy development, successful mobilization of resources, and efficient people management. As **team leader**, demonstrated exceptional communication skills, the ability to accomplish multiple priorities within aggressive timelines, and a flair for building/ training/ mentoring **high-performance teams**.

Well versed with **EPA SW846** sampling and analytical protocols, **TRRP** (Texas Risk Reduction Program) standards, and **USEPA** (U.S. Environmental Protection Agency) regulations.

Computer Skills: Familiar with ArcView, Environment Visualization Systems, 3-D Analyst, and Oracle PL/SQL scripting. Well versed with MS Office and MS Project Manager

SIGNATURE STRENGTHS

Environmental projects and emergency response (ER) programs ♦ Risk assessments ♦ Compliance management ♦ Field/ laboratory and field Quality Assurance Project Plans (QAPPs)/ construction quality management ♦ Third party field/ laboratory data review and validation ♦ Environment sample management ♦ Hurricane/ oil spills/ H2S gas release ERs and DRC management SOP development – fieldwork/ sample collection/ documentation procedures ♦ Field sampling and data analysis plans, chemical data acquisition plans, work plans
Laboratory setup and operations management ♦ Waste auditing ♦ Power plant air quality (stack emissions), ultra-high purity systems, industrial waste sampling/ analysis ♦ Staff mentoring ♦ Leadership

PROFESSIONAL EXPERIENCE

E-LAB CONSULTANTS, Magnolia, TX Oct 2011–Present
(An **entrepreneurial venture** involved in provision of quality assessment services for environmental projects, analytical chemistry, field sample collection support services, and project management.)

OWNER

- ♦ **Steer** team of **analytical chemists** for competently managing an array of projects related to **SW3P reporting**, matrix permit tracking, **drafting SPCC**, developing work as well as health & safety plans, conducting environmental **compliance audits** (per TCEQ requirements)/ **tier I and II assessments**, third party data review/ validations, air quality permitting, and **risk assessments**
 - **Setup the company** – developed a strategic vision, championed formal planning processes, and orchestrated growth strategies. It started making **profits within 1 month** of operations
 - Successfully **secured business** from prestigious clients, including those from former employer – Shaw Environmental (CB&I)

CHICAGO BRIDGE & IRON COMPANY N.V. (THE SHAW GROUP), Houston, TX Apr 1998–Sep 2011
(The Shaw group, acquired by CB&I is a global engineering, construction, maintenance, and fabrication provider.)

PROGRAM CHEMIST/ PROJECT MANAGER/ HEALTH & SAFETY OFFICER

Continued...

PROGRAM QA DIRECTOR

- ◆ **Directed efforts** for management of **150+ projects/ task orders**, enforced procedures promulgated in sampling plans, ensured compliance with **QAPPs and related regulatory documents**, monitored field progress, and reviewed field documentation

PROFESSIONAL EXPERIENCE*CB&I (The Shaw Group) (continued)*

- ◆ Organized and delivered **Brown Bag seminars** for training staff on field documentation methods, decontamination of sample collection tools, sample collection/ preservation/ labeling methods, and chain-of-custody preparations
- ◆ Also, **mentored staff** in electronic data acquisition/ manipulation, retention of data in repository archives [Oracle and **ERPIMS** (Environmental Restoration Program Information System)]

Key Projects:

- ◆ Reviewed and **validated laboratory data**; procured field sampling equipment/ materials; prepared **DUS** (Data Usability Summary), remedial investigation/ feasibility study, and closure reports; sampling and analysis plans; and QAPPs for several prestigious clients such as
 - Tulsa **USACE** (U.S. Army Corps of Engineers) Total Environmental Restoration **contract**
 - TCEQ (Texas Commission on Environmental Quality) **Superfund program**
 - Commercial projects falling under TCEQ TRRP-13 regulatory requirements and La RECAP
- ◆ **Important member** of team managing EPA Region 6 and TCEQ Emergency Program – project manager for TCEQ Superfund projects and EPA **Emergency Response Program**
- ◆ **BP MC232** Emergency Response Oil Spill Cleanup and LA Coastal Barrier Berm Construction
 - **USACE CQCSM** (Construction Quality Control Systems Manager) for Stuyvesant and B.E. Lindholm **hopper dredge ships** – documented QA concerns for construction of barrier sand berms
 - **Health and Safety (H&S) Inspector** for California Screw Pumping dredge
 - As **Waste Auditor** audited waste handling, profiling, transport, and disposal of incoming/ generated waste resulting from MC252 spill
- ◆ **Hurricane Katrina/ Rita** FEMA (Federal Emergency Management Agency) **DRC** (Disaster Recovery Centre)
 - Managed **28 subcontracted employees** for crowd control and initial registration for FEMA assistance at GR Brown DRC.
 - Supervisor for FEMA DRC operations at Auchan DRC. Also, oversaw training activities for mobile DRC implementation for Hurricane William
- ◆ Oversaw groundwater and soil sampling for monitoring well installations. Also, installed dedicated pumps and interceptor trench for **Vance AFB** (Air Force Base) TERC
- ◆ Authorized site closure after oil/ water separator removals at Little Rock AFB
- ◆ BP H₂S gas release emergency response at their oil processing plant in Louisiana
 - **Innovated method** to stop H₂S gas release and complete pipeline cleaning – the tasks were completed within 2 days, resulting in **high customer satisfaction**
- ◆ Emergency Response Warehouse Fire (785 drum content identifications using HazCat) for disposal requirements
- ◆ U.S. Postal Service – **Anthrax remediation** in Washington D.C., Trenton N.J., and Kansas City
 - Supervised ~250 contracted workers and designed decontamination procedures
 - Analysis was performed using **R.A.P.I.D.** (Rugged Advanced Pathogen Identification Device) PCR (Polymerization Chain Reaction) for biological DNA of Anthrax spore
 - Developed indoor air sampling method for Sulfur Hexafluoride
- ◆ Oil & gas up-and-down stream emergency response chemist and technical lead
- ◆ Louisiana Coastal Barrier Levee (West Bank Barrier Island) construction project
- ◆ **QA Program Manager** for TCEQ Remedial Investigation/ Remedial Services contract for Shaw. Also, appointed primary point of contact for TCEQ QA program's personnel for resolution of all QA issues for Texas-based projects
- ◆ Advised on usage of **SW846 method 4035** for sampling and field analysis of 2,3,7,8-tetrachlorodibenzodioxin at **TCEQ Hall Street Federal Superfund** site. Also, analyzed data for delineation and eventual remediation – established tier II protective concentration levels

(An environmental, petroleum, and natural gas analytical laboratory. The laboratory has been shut down.)

ORGANIC SUPERVISOR/ SERVER ADMINISTRATOR

- ◆ Maintained and operated 5 gas chromatograph/ mass spectrometer (GC/ MS) systems, 7 GC systems for **organics analysis**, and 5 GC systems for environmental/ crude/ **natural gas analysis**

PROFESSIONAL EXPERIENCE

(SWL) Maxium Technologies (continued)

- ◆ Managed operations of environmental and petroleum/ gas organic **laboratories** – undertook organic/ inorganic analysis, **supervised QA/ QC tasks**, reviewed and validated data, generated reports, and liaised with clients
- ◆ As Server Administrator, maintained LAN and installed hardware/ software

DEMS, Austin, TX

Oct 1996–Apr 1998

(Deerinwater environmental management services – the company undertakes environmental remediation fieldwork and provides QA products/ services.)

QA SCIENTIST

- ◆ Administered field and laboratory QA/ QC, and monitored well installations as well as construction of groundwater/ soil vapor extraction systems [linked to former leaking petroleum underground storage tank (UST) sites and Trichloroethene plume remediation sites]
- ◆ Reviewed historical analytical data, addressed data gaps, supervised environmental data collection procedures, subcontracted analytical laboratory data tasks, and coordinated sampling activities

Key Projects:

- ◆ Coordinated with AFCEE (Air Force Center for Environmental Excellence) **ERPIMS team**, field sampling personnel, and analytical laboratory management for Bergstrom AFB closure and several other AFCEE AFB concerns
- ◆ Also, **audited contracted laboratories** for AFCEE QAPP compliance

PRIOR EXPERIENCE

- ◆ Laboratory Manager, W.E.S.T., TX, 1993–1996
 - **Successfully setup** and managed a new divisional environmental and air testing laboratory
- ◆ Organic Supervisor/ Server Administrator, (SWL) Maxium Technologies, TX, 1991–1993
- ◆ ICP-MS/ XRF Analyst, Lone Star Steel, TX, 1988–1991
- ◆ Laboratory Operator, City of San Marcos, TX, 1988
- ◆ Laboratory Operator, City of Austin, TX, 1986–1988
- ◆ Shift Laboratory Technician, City of Frankfurt, Frankfurt (Germany), 1980–1986
- ◆ First Sergeant and Company Commander Driver, U.S. Army ~ Infantry, Germany, 1974–1980

EDUCATION AND PROFESSIONAL DEVELOPMENT

Refreshers ~ Organic Chemistry and Microbiology

University of Texas, Austin, TX

B.S. ~ Environmental Science

Jonathan Wolfgang University, Frankfurt, Germany

Professional Certifications/ Training:

- ◆ USACE CQCSM Certification
- ◆ Introduction to Oracle, Oracle 8 Database Administration, Developer/ 2000 Backup and Recovery, Performance Tuning – University of Houston
- ◆ 40-hour General Site Worker Training (29 CFR 1910.120 e3.i) with 8-hour refresher courses
- ◆ Construction Site Supervisor, Leadership for Results, Construction Safety, Water Utilities Safety, Fundamentals of Drilling, Shipping of Hazardous Materials