

Rachel Hancock
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PROFILE

Environmental professional with more than fifteen years of experience in regulation, compliance, assessment, field work, reporting, project development, management, and implementation. A self-starter and quick, independent learner that is fully knowledgeable in a wide range of expertise that includes practical field, office and lab work with investigative, technical and analytical skills. Versatile skill set in regulatory, environmental, wildlife, and safety studies from the public, private, and nonprofit sectors.

PROFESSIONAL EXPERIENCE

State of Utah, Department of Environmental Quality, Division of Air Quality

Environmental Scientist III
November 2023 – Current

Relevant responsibilities:

- Manage and administer various grant and incentive programs
- Evaluate and respond to participant applications
- Submit technical proposals and budgets
- Collaborate with other grant managers, the attorney general's office and finance
- Manage budgets to ensure expenditures are appropriate
- Apply for new funding opportunities
- Develop technical contracts for awardees
- Analyze results and evaluate outcomes while addressing and resolving challenges
- Ensure contracts with participants adhere to program requirements
- Provide support to other grant managers as needed

State of Utah, Department of Environmental Quality, Division of Air Quality

Environmental Scientist III
July 2018 – November 2023

Relevant responsibilities:

- Manage AHERA program and develop improvement processes
- Manage asbestos training course provider accreditations
- Participation in rotating section manager duties
- Author quarterly and annual program status reports for delivery to EPA
- Prepare inspection reports, memos, letters and other enforcement documents
- Conduct compliance evaluation inspections
- Conduct compliance audits and author audit reports
- Conduct compliance assistance and outreach
- Present at workshops, conferences, and seminars as needed
- Participate in rulemaking and policy development

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Houston-Galveston Area Council

Environmental Planner
April 2016 – July 2018

Relevant responsibilities:

- Technical report writing and public facing document development
- Grant application writing and presentation
- Grant application review and selection
- Audit investigations for grant recipients
- Scheduling and facilitating meetings and workshops
- Prepare agendas, notices, presentations, and minutes
- Public education and outreach
- Conduct quarterly surface water quality monitoring
- Conduct 24-hour Dissolved Oxygen Monitoring
- Perform routine maintenance on monitoring equipment/troubleshoot problems with equipment
- Monitor status of automated storm water samplers and retrieve samples
- Data entry, analysis, management and quality assurance
- Supply and equipment procurement

New Tech Global Environmental

Staff Scientist
August 2014 – March 2016

Relevant responsibilities:

- Technical report writing and presentation
- Field staff supervision
- Health and Safety supervisor
- Job Hazard Assessment/Health and Safety Plan development and implementation
- Federal, State, and local records review and analysis
- Present to staff and clients about job safety and hazardous working conditions
- Compliance determinations
- Client communications including project organization
- Phase I Environmental Site Assessments
- Pre-Drill Environmental Site Assessments
- SPCC plan determination and development
- Threatened and Endangered Species/Wildlife and Habitat Surveys
- Water and soil sampling
- Permit applications

City of Houston Fire Department

Firefighter/EMT
July 2013 - August 2014

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Relevant responsibilities:

- Fire suppression and firefighting activities to control and eliminate fire
- Human rescue and technical work to rescue trapped persons involving physical activity and operating various rescue equipment
- Pre-hospital first aid and medical treatment
- Public education for the promotion of safety
- Monitor and maintain equipment
- Evaluation of building construction for potential hazards and safety issues
- Crisis and risk management
- Evaluation for various safety codes and potential risk

City of Houston Health and Human Services Department, Bureau of Water Resources Protection and Bureau of Consumer Health Services

Environmental Investigator I, II, III
September 2008 - July 2013

Relevant responsibilities:

- Technical investigations to ensure compliance with Clean Water Act and City of Houston regulations
- Technical report writing and evidence gathering
- Enforcement activities including citation writing, notice of violation issuance, and court appearances
- Responding to public complaints concerning various environmental issues
- Public education and presentations for safety and regulation compliance
- Water sampling and analysis
- Review and approval of blueprints and plans for regulation compliance
- Skill training and quality assurance
- Internal audit investigations
- Client and public communication in potentially hostile situations

AWARDS/CERTIFICATIONS

- Emergency Medical Technician State License (Texas)
- National Registry of Emergency Medical Technicians (NREMT) Certification
- FEMA disaster response training
- National Incident Management System (NIMS) Certifications
- American Red Cross CPR Certification
- Texas Commission on Fire Protection Firefighter Certification
- Certified Pool Operator License
- SCUBA Open Water Certification

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EDUCATION

B.S., Marine Biology, May 2008
Texas A&M University at Galveston

Related studies/coursework:

Marine Ecology, Biostatistics, Comparative Physiology, Marine Botany, Aquatic Animal Nutrition, Organic Chemistry, Biochemistry, Evolutionary Biology, Microbiology, Marine Invertebrate Zoology, Technical Writing

Studies/experiments correlated with the above coursework included:

- Technical report writing and data delivery
- Evaluating and recording air and water temperature, tide, dissolved oxygen levels, salinity, turbidity, productivity, flora and fauna diversity and other related measurements
- Laboratory analysis of field gathered data
- Interpretation/compilation of data using methods including biostatistical analysis