

Russell Royce, Consultant for QCA Analytical Services

Capabilities for QCA Analytical Services (inquire for customized needs)

- Evaluate facility compliance for all types of NPDES permits including wastewater/ storm water discharge and Municipal Separated Storm Sewer Systems
- Assist in acquiring NPDES permits
- Design and deliver focused training
- Determine future needs with changing environmental regulations
- Explain technology choices to municipal government entities during facility expansions and upgrades

Work and Industry Experience

15 years - Environmental Specialist for Iowa Department of Natural Resources

- Conducted compliance inspections and generated reports of NPDES permitted facilities
- Investigated complaints to determine if violations of Iowa Administrative Rules had occurred
- Developed referral packages for DNR's legal section which outlined violations, culpability and assessing fines
- Compiled inspection and compliance records for reports for the State of Iowa and the USEPA
- Worked with USEPA staff on data collection and quality from the State of Iowa
- Participated in internal department committees that developed data collection software used in development of databases
- Trained staff and served as point of contact for databases after deployment

5 years - Chemist/Supervisor for City of Iowa City Wastewater Treatment Plant and Landfill

- Conducted compliance analysis for the municipal wastewater treatment plant and city owned landfill
- Provided oversight for the collection and analysis of routine and compliance parameters for facilities
- Managed the participation in USEPA's DMR-QA program which demonstrates competence in the laboratory data

11 years - Associate Professor at Kirkwood Community College Environmental Training Center

- Provided instruction for the training of vocational program which allowed successful students to become certified water/wastewater treatment plant operators
- Taught applied mathematics, chemistry and laboratory techniques
- Worked with the students in the operation of campus water and wastewater treatment plant programs
- Selected by US AID to participate in exchange program of teachers and community colleges in the Republic of Twain