# SEAN MARCZEWSKI

## Education

BS – Environmental Science, Iowa State University, 2011

## Professional Experience

Operations management professional with eight years of experience in the oil and gas industry and five years in environmental consulting. Combines analytical chemistry techniques, extensive field work experience and customer relations to provide excellent service to clients. Excels at working both independently and with teams while maintaining effective collaboration between all parties. Experience training entry-level staff members.

## Project Experience

### Geoscience

**Operations Manager.** Responsible for helping design and develop modern quadrupole mass spectrometer technology designed for oil and gas exploration. Worked jointly with manufacturers and software engineers to build an all-encompassing portable advanced gas analyzer, then built and delivered an operating model to clients across the Unites States from a central hub. Supported mudlogging operations in executing quadrupole mass spectrometer data acquisition; provided remote and in-field services installing, maintaining, and troubleshooting both hardware and software programs; built strong customer relationships through quality customer service and produce delivery; conducted business operations for over $1 million in annual revenue; and designed and executed business development strategies through attending conferences, social media, and existing business relationships.

**Senior Field Technician.** Monitored mud gas on drilling rigs using a mass spectrometer to analyze hydrocarbons and inorganic gasses; managed field personnel; and logistics for multiple drilling projects simultaneously and troubleshot mechanical and software issues in an expedited manner as to not compromise data collection.

### Environmental Consulting

**Project Professional.** Conducts groundwater sampling at landfill sites; prepares annual water quality reports, leachate control system performance evaluation reports, and methane monitoring reports for landfill sites; drafts proposals, permit applications, and financial assurance reviews; provides construction quality assurance oversight; and supervises field technicians.

**Water Quality Scientist.** Calculated pollutant and nutrient Total Maximum Daily Load allocations for lakes and streams in Minnesota and Iowa; developed implementation plans to meet water quality standards using models including SWAT, HSPS, and STEPL to simulate watershed hydrology; utilized ArcGIS along with watershed models using LiDAR to design best management practices for water pollution; prepared technical reports on findings and outcomes of studies for the Environmental Protection Agency, Minnesota Pollution Control Agency, watershed districts, and other stakeholders.