



Senior Environmental Engineer – Silver Bell JOB DESCRIPTION

JOB TITLE: Senior Environmental Engineer

POSITION OVERVIEW

Administer, oversee and direct activities of the Environmental Department to ensure Silver Bell Mining, L.L.C. operates above compliance of federal, state, and local environmental laws, administrative regulations, codes and permits as well as advancing Silver Bell's Operational Excellence Objectives.

ESSENTIAL FUNCTIONS

- Provide support to the operation to ensure compliance with the agencies listed below. Oversee and prepare environmental permit applications. Supervisor and/or perform all field monitoring and data analysis for compliance reporting and technical documents.
 - a. US Environmental Protection Agency (EPA)
 - b. Arizona Department of Environmental Quality (ADEQ)
 - c. Pima County Department of Environmental Quality (PDEQ)
 - d. Arizona Department of Water Resources (ADWR)
 - e. Arizona Department of Health Services (ADHS)
 - f. Arizona State Land Department (ASLD)
 - g. US Department of Homeland Security (DHS)
 - h. US Department of Transportation (USDOT)
 - i. US Department of Labor (DOL) Mine Safety and Health Administration (MSHA)
 - j. US Department of Labor (DOL) Occupational Health and Safety Administration (OSHA)
 - k. Department of the Interior (DOI) – Bureau of Land Management (BLM)
 - l. US Department of Agriculture (DOA) – US Forest Service (USFS)
- Develop, organize, implement, and coordinate compliance programs.
- Prepare expense and capital expenditure forecasts. Administer contracts relating to environmental projects. Perform project management activities relating to environmental projects.
- Oversee and ensure compliance with the Aquifer Protection Permit, Air Quality Permit, Public Water System Permit, Hazardous Waste Permit, and Hazardous Materials Transportation Permit
- Ensuring that the environmental management system conforms to the requirements of ISO 14001
- Reporting on the performance of the environmental management system to top management

- Ensure that Silver Bell's occupational safety and workplace organization objectives are met and continually improved
- Participate in Environmental Compliance Audits.
- Organize, oversee, update and provide environmental awareness training to general workforce
- Provide consultant supervision and contract management, and environmental oversight for other departments using contractors onsite.
- Meet with government regulators during permit negotiations, onsite inspections and subcommittee meetings.
- Negotiate terms of environmental permits with government regulators.
- Monitor use of products and chemicals with hazardous and/or toxic constituents
- Participate in trade organization meetings and regulatory development projects.
- Manage the Public Water System for compliance with PDEQ and ADEQ drinking water regulations.
- Develop comments on plans, regulations, permits, and technical documents on a variety of subjects including environmental regulation, endangered species, and land management.
- Survey endangered and protected species habitat, cultural resources, and monitor plan diversity for bonding and reclamation projects associated with the Ironwood Forest National Monument, Tohono O'odham Nation, and Arizona State Land.
- Implement, organize, and execute community involvement projects.
- Meet with land planning agencies including BLM, State of Arizona, Tohono O'odham Nation, and Pima County as required to participate in planning activities associated with Federal Monuments and ESA Section 10 permitting processes.
- Prepare all required contingency, environmental, and emergency response plans.
- Participate in strategic planning for long-term mining, leaching, and dump placement to maintain compliance or to obtain permits.
- Coordinate land use contracts, right-of-ways, and leases associated with the Silver Bell Mining properties.

ADDITIONAL DUTIES

- Provide support to management in forecasting capital and expense annual budgets.
- Supervise activities of Environmental Engineer(s)
- Technician level field duties including sampling, inspecting, and testing as necessary

REQUIRED KNOWLEDGE SKILLS AND ABILITIES

- Certifications and training on Clear Water Act, Waste Management, Air Quality, and General Environmental Training; specifically HazWoper 40 hr. training, RCRA training and EPA Method 9 certifications.
- Familiarity with federal, state, and local environmental laws, administrative regulations, codes and permits.
- Project management skills.
- Computer skills to include proficiency in Microsoft Office applications, SAP, Kronos, Cority.
- Knowledge of mining and leaching processes.
- Knowledge of land use regulations and permitting processes.

REQUIRED EDUCATION AND EXPERIENCE

- Bachelor's of Science degree in Environmental Management/Science, Engineering, Geology, Hydrogeology, Hydrology, or related field.
- Minimum of 7 years environmental experience required.

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