



creating solutions for today's environment

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Regulatory Compliance & Permitting

JBR Environmental Consultants, Inc. (JBR) offers comprehensive regulatory permitting and compliance services and provides innovative and practical solutions to expedite local, state, and federal permitting for a variety of mining, energy, land use, development, and industrial projects.

JBR also offers comprehensive environmental compliance audits and can assist our clients with permit management, routine and periodic monitoring and reporting tasks, and plan preparation, such as Spill Prevention, Control, and Countermeasure Plans.

Project Experience

Salt Lake City International Airport Air Quality Services, UT

JBR has been providing air quality services to the Salt Lake City Department of Airports since 2000. Salt Lake City International Airport is required to comply with the Federal Aviation Administration (FAA), the Environmental Protection Agency (EPA) regulations, and the State of Utah's Air Quality, Water Quality, and Solid & Hazardous Waste Divisions. Because federal funds are used for airport projects, any construction improvement project or equipment upgrades must show compliance with "Conformity" rules under the Clean Air Act.

JBR has worked closely with the Salt Lake City Department of Airports to comply with the numerous regulatory requirements. JBR has prepared several permit modifications, performed compliance investigations, and developed emission inventories. We have also assessed pollutant mitigation projects using clean fuel alternatives and performed conformity analyses for runway, tarmac, apron, and parking lot construction projects. Our analyses have included stationary and mobile source emission modeling and regulatory assessments. In addition, JBR has assisted the Department of Airports with permit negotiations and developed best management practices and fugitive dust control plans which were implemented in conjunction with various construction projects.



Industry Experience

- Oil and gas development and production, including seismic surveys
- Mine development, expansion, and closure
- County, state, and federal highways
- Pipelines and utility corridors
- Manufacturing facility construction and renovation
- Food and herbal supplement preparation industries
- Communications infrastructure
- Residential subdivisions, golf courses, and ski resorts
- Land exchanges
- Recreation and Public Purposes Act projects
- Commercial and industrial landfills

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Project Experience

Hot Sulphur Springs Geothermal Project, Independence Valley, NV

The Hot Sulphur Springs Geothermal Project in northeast Nevada consists of exploration activity, drilling of production and injection wells, permitting for an initial 15 MW power plant, and construction of a 24-mile transmission line, including an Environmental Assessment for the transmission line. JBR obtained the necessary environmental permits; conducted baseline investigations; coordinated with federal, state, and local agencies; completed a groundwater resources investigation to find cooling water sources; monitored and managed drilling activities for the groundwater investigation; and provided support for a variety of other activities at the site.

Compliance Audits for Multiple Coal-fired Power Plants

JBR has performed comprehensive environmental compliance audits at more than 10 coal-fired electrical generation power plants in the Mountain West periodically over the last 15 years. These comprehensive environmental audits included a thorough assessment of existing permits and regulations related to air quality, stormwater, groundwater, solid waste, spill prevention, landfills, and other facets of environmental compliance. JBR's compliance audit teams performed on-site evaluations to identify any gaps in compliance and provide recommendations for remedying any deficiencies. Work was performed under terms of strict confidentiality and under attorney-client privilege to minimize any risk to our clients. JBR has been repeatedly awarded this contract based on our thoroughness, ability to work with both corporate and plant personnel, and by meeting strict deadlines for final audit submittals.

Oil Sands Permitting, Confidential Client, Uinta Basin, UT

For the first entirely new oil sands project in the state of Utah in more than a decade, JBR worked with the client to overcome substantial regulatory obstacles at the state and federal levels. JBR also worked with the client and with legal counsel to overcome opposition to the project by non-governmental organizations. JBR supported the environmental characterization of both process and waste streams for the newly developed processing technology. JBR also managed multiple permits and approvals at the state level.

Agency Experience

JBR staff has expertise working with local, state, and federal agencies including:

- US Army Corps of Engineers
- Bureau of Land Management
- Bureau of Indian Affairs
- National Park Service
- Federal Highway Administration and State Departments of Transportation
- Environmental Protection Agency
- Office of Surface Mining
- State Historic Preservation Offices
- Federal Energy Regulatory Commission
- Federal Communications Commission
- Tahoe Regional Planning Agency
- US Forest Service
- Bureau of Reclamation
- State, county, city, and municipal agencies



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