



creating solutions for today's environment

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Transportation Experience & Services

JBR Environmental Consultants, Inc. (JBR) is a full-service environmental consulting firm that has been serving the transportation industry since 1985. Our staff of over 100 professionals, located throughout the West, draw from years of experience to provide scientific analysis, strategic planning, and environmental permitting. Our breadth of experience and capabilities allow us to work closely with our clients and provide long-term, effective solutions to transportation-related environmental challenges.



Project Experience

Nevada Department of Transportation I-580 Extension Water Quality Study & BMP Effectiveness Study

Since 2003, JBR has been conducting water quality monitoring and studying Best Management Practice (BMP) effectiveness for the Nevada Department of Transportation (NDOT) on its \$440 million, 8-year I-580 Extension Project. NDOT has incorporated state-of-the-art engineering into the highway design in an effort to maintain and improve water quality. Specifically, NDOT will provide permanent on-site stormwater runoff treatment by incorporating structural control measures like water quality basins and sand-oil interceptors. To determine any impacts to waters resulting from implementation of the project, JBR is performing baseline, interim, and post-construction water quality monitoring. This study includes a Baseline Water Quality Assessment; development and implementation of Sampling and Analysis Plans; weather monitoring and stormwater sampling; quarterly surface water monitoring; design, installation, and maintenance of near-continuous in situ turbidity probes; interpretation of water quality analyses related to construction activities; assessment of temporary BMP function during runoff events; and report writing.

Services

- Regulatory Compliance
- NEPA & CEQA
- Air Quality
- Biological Studies
- Cultural Resources
- Surface & Ground Water
- Asbestos & Lead Based Paint
- Underground Storage Tanks
- Due Diligence & Audits
- Geology & Soils
- Remediation & Site Closure
- Site Assessment/Investigation
- Solid & Hazardous Waste
- GSA Schedule

Agencies Served

- FHWA
- UDOT
- ITD
- ODOT
- MDT
- NDOT
- CTED
- CALTRANS

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Project Experience

FHWA & City of Reno ReTrac Project, NV

The City of Reno recently constructed the \$244 million ReTrac Project, a four-mile depressed railway through downtown Reno, Nevada. The ReTrac Project involved the lowering of the Union Pacific Railroad corridor below street level through the central portion of the City of Reno. The ReTrac project eliminated 11 at-grade street crossings, improved traffic flow and public safety, and reduced railroad noise and vibration. JBR provided on-call environmental technical support to the City for preparation and technical adequacy review of the ReTrac Project Environmental Impact Statement. JBR also completed all state and federal environmental permits for the project related to the construction of a stormwater outfall structure discharging into the Truckee River. JBR prepared the US Army Corps of Engineers Permit Application, EPA Section 401 Water Quality Certification, State Lands Permit, Temporary Permit for Work within Waterways, and Carson-Truckee Water Conservation District Encroachment Permit. JBR performed daily monitoring and environmental oversight related to the Stormwater Pollution Prevention Plan during construction. JBR also performed Quality Assurance/Quality Control during construction and prepared the Health and Safety Plan, Surface Water Mitigation Plan, Emergency Response Plan, and Mitigation Monitoring Plan for the project.

Caltrans & Town of Truckee, CA Interstate 80/State Route 89 Interchange

The Town of Truckee proposed to improve the configuration of the Interstate 80/State Route 89 Interchange. Specifically, the Town proposed to remove existing traffic lights and construct roundabouts within the interchange to facilitate better traffic flow. JBR worked with both CalTrans and the Town of Truckee to complete all environmental aspects of this project. JBR performed biological surveys (wetlands, threatened and endangered species) within the project area and assisted CalTrans with National Environmental Policy Act and California Environmental Quality Act compliance documentation.



Relevant Projects

- Soil & Ground Water Remediation, Washington State Hwy 97N, ATI Transport, Inc., Peshastin, WA
- I-5 & Hwy 58 Asbestos & Lead Sampling for Bridges, ODOT, OR
- I-80 Off-Ramp Widening Project, Department of Public Works/CalTrans, Truckee, CA
- I-80 Interchange Environmental Assessment, NDOT/FHWA, Sparks, NV
- I-580 Meadowood Complex Improvements, NDOT, Reno, NV
- Garson Road Interchange, FHWA/NDOT, Verdi, NV
- Sierra Summit Project, FHWA/NDOT, Reno, NV
- Mall Drive Bridge, City of St. George, UT
- Brown Park Road EIS, UDOT/FHWA, UT
- Air Quality Services, Salt Lake City Airport, UT
- PCE Contamination Remediation using Sodium Permanganate, Railroad, Helena, MT
- Diesel Fuel Spill Remediation, Miles City, MT
- Multiple Geoprobe Soil Investigations, MDT, MT

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