

## **PIERRE BORDENAVE**

**Vice President/Environmental Services**

**Years of Experience – 33**

**Years with Firm – 5**

### **Education**

B.S., Soil Science, University of Idaho, 1981

### **Professional Registrations**

ARCPACS Certified Professional Soil Scientist (CPSS) #02715

Certified Erosion and Sediment Control Professional (CPESC) #0577

California QSP / QSD – Certified #21753

NARS Certification – Railroad Maintenance Of Way Rules – Lone Worker / Lookout

### **Professional Affiliations**

AREMA

Soil Science Society of America (SSSA) – Board of Soil Science Examiners

Soil & Water Conservation Society (SWCS)

Member Soil Science Committee for National Academy of Science

Int'l. Erosion Control Association (IECA)

Society of Wetland Scientists (SWS)

### **Area of Expertise**

- Comprehensive Environmental Studies Coordination, and Consistency Review
- Environmental Site Evaluations for Project Permit Needs and Minimization
- Client / Agency Liaison
- Wetland determinations / delineation / permitting and mitigation planning
- Storm Water, Erosion/Sediment Control Design, Management, and Training (Federal, State, & Local)
- Environmental Restoration plans / Resource damage evaluations
- Permit Compliance Inspection, & Documentation.

Mr. Bordenave has over 33 years of experience in environmental studies coordination, permit development, project permit management, compliance documentation, and environmental training and certification programs. For the past 18 years, he has successfully coordinated and managed environmental permits for over 350 railroad projects and railroad related activities. In addition, he has pioneered a program of standardizing permit applications and documentation and developed a unique railroad industry- specific Memorandum of Understanding with the U.S. Army Corps of Engineers, Regulatory covering communications protocol, permit streamlining, emergency procedures, and application submittal/processing consistency. Mr. Bordenave has developed a reputation for bringing innovative, realistic, and common sense solutions to environmental permitting and project management challenges., demonstrating how applying a responsible and responsive environmental ethic makes economic sense and keeps projects on track, on budget, and on time.

### **J.L. PATTERSON & ASSOCIATES, INC. (2011 – Present):**

**BNSF Railway Company. (WA, OR, CA, ID, MT, WY, ND, BC-Can) – Environmental Permits Manager, 2011-present:** Over 100 Corps and NPDES permits for sidings, yards, bridges/ structures, communications systems, various infrastructure improvements and natural event emergencies.

**Union Pacific Railway (ID, WA, OR, CA) – Environmental Permit Coordinator, 2011- Present:** Corps and NPDES permits for sidings, yards, and bridges on West Coast projects. Project construction compliance management and documentation.

**Montana Rail Link (ID, MT) – Permits Coordinator for Bridges, 2011- Present:** Corps permits and ESA coordination.

**Sonoma Marin Area Rail Transit (SMART) Santa Rosa to San Rafael (CA) – Environmental Permitting Lead, 2012-Present:** Permit and environmental studies development and management for reconstruction of rail system track, stations, yards, and bridges. Project construction compliance management and documentation.

### **INTERMOUNTAIN RESOURCES (1982 - 2011):**

**Principal in Charge:** Over 900 land and water-related projects performing environmental studies and securing Corps and NPDES permits for golf courses, ski areas, industrial facilities, land development, railroad projects, and highway projects.