

### **Areas of Relevant Expertise**

- ✓ Environmental Inspection
- ✓ Aquatic Ecology
- ✓ Fishery Services
- ✓ Archeology

### **Training and Certifications**

- ✓ Mine Safety Training
- ✓ OSHA Safety Training
- ✓ Pipeline Environmental Inspection Training
- ✓ Phase I Environmental Site Assessment Training

### **Years of Experience**

With This Firm: 22

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### **Experience Summary**

Mr. Wiersema has more than 15 years of field experience at Horizon. Over that period, he has participated in numerous aquatic ecology and fishery surveys, wetland planting projects, Phase I Environmental Site Assessments (ESAs), pipeline environmental inspections, and cultural resources surveys.

Mr. Wiersema has provided environmental services for the Longhorn Partners Pipeline in Texas, including active construction environmental inspections, post-construction stormwater monitoring, monitoring of horizontal directional drill sites, and inspections within wetlands and creek crossings. He has participated in environmental inspection training courses including Longhorn Pipeline Environmental & Safety Training, Marathon Pipeline Inspection Training, and has completed a 32-hour course in Phase I ESAs. In recent years he has provided field support for numerous archeological projects throughout Texas as well as Oklahoma and Arkansas, and is especially skilled at providing mechanical trenching services for cultural resources surveys.