

## **COAL BED NATURAL GAS REPRESENTATIVE PROJECTS**

Inter-Mountain Labs (IML) has been providing soil and water sampling, analytical, and consulting services to the CBNG industry since 1997. IML continues to provide professional services on the following areas:

### **Analytical:**

- ✓ Initial Characterization of Produced Water
- ✓ Quarterly Monitoring of Outfalls
- ✓ Quarterly Ground Water Monitoring
- ✓ Inorganic & Radiochemistry Water Analysis
- ✓ Post Treatment Brine Analysis
- ✓ Managed Irrigation Water and Soil Analysis
- ✓ Section 20 Related Soil Analysis



### **Field Services:**

- ✓ Field personnel locate and sample CBNG outfalls and infiltration and holding ponds. Measured field parameters are included with analytical results in WYPDES Discharge Monitoring Report (DMR).
- ✓ Field water measurements include pH, EC, TDS, Temp., Alkalinity, DO, ORP, depth to water, and current flow rate.
- ✓ Ground Water Monitoring – Monitoring wells purged and sampled according to protocol.
- ✓ Surface Water Monitoring – Operation and maintenance of monitoring sites with automated samplers. Samples and data collected following events.
- ✓ Impoundment Inspection – Certified inspectors perform monthly and quarterly impoundment integrity inspections.
- ✓ Topsoil depth verification using Giddings sampler.
- ✓ Soil sampling associated with a Section 20 analysis.
- ✓ Air pollutant sampling - Operation, maintenance, analysis, and reporting of ambient air monitoring networks.

### **Clients Include:**

- ✓ Anadarko
- ✓ Fidelity
- ✓ Williams
- ✓ Pinnacle
- ✓ Windsor Energy
- ✓ Redstone Resources
- ✓ Thomas Operating
- ✓ Nance
- ✓ Huber
- ✓ Marathon Oil Company



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