Source Water: Modeling and Detection of Spills and Floods

gqc HydroTrek

River Recreation

- **Neural Network** → **E. Coli Prediction**
- **River Report** → **Water Quality**
- **Marine Traffic** → **Real-time**

River Spill

- **Plume Travel Modeling** → **Water Quality**
- **Analytics** → **"What-if"**

Floods

- **3D Visualization** → **Planning**
- **Detection with AI** → **Emergency Response**

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