

Lagoon Profile Service

Detailed Lagoon Mapping



JPS provides complete services to map the topography and characteristics of a lagoon system include gathering thousands of measurements with integrated sonar and real-time GPS systems, providing detailed volume of sediment throughout the entire lagoon basin. Our 3D modeling service capabilities predict flow patterns and temperature reduction achieved by modifying the retention time, allowing JPS to build and install custom baffles to suit specific applications. This information also provides a precise roadmap for dredging needs, baffle implementation and aerator location to optimize efficiency of treatment.

- Sludge Profiling
- Bottom / Sub-Bottom Profiling
- Current Measurements
- Temperature Measurement
- 3D Current Profiling
- Sediment Layering



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