

The WM Sediment Extraction System

The WSES

Innovative, Flexible and Reliable





The System

The Wing Marine Spread

The Fluidizer (The Sweeper)



The Extraction Pump



Onshore Facilities

The Dewatering Unit



Disposal or Beneficial Upgrading

Sediment Disposal

- Deposit Locations
 - Clean fill sites
 - Abandoned Mines and Quarries
 - Levee Construction
- Beneficial Upgrading
 - Light Weight Aggregate or Bricks
 - Refreshing or building Islands or Beaches





<u>Two Markets – One System</u>

Features of the Tool Kit

- The system can extract greater than 4,000 cubic yards of sediment per day
- The system operates in water depths from 10ft to over 100ft
- Because the Wing Marine Fluidizer unit operates above the sediment, debris and trash do not affect performance
- Sediment is not entrained in the water column
- All elements of the system are road transportable
- The fluidizer has been demonstrated to the USACE and presented in papers by them
- Only the system components used are billed for each project
- A maintenance package for reservoirs

Reservoir Sediment Management

- **✓** Measurement Basis
- **Frequently Required**
- **✓** Frequently Required
- **✓** Tested and Confirmed
- For Limited Access Reservoirs
- **√** Simplifies Permitting
- **✓** Helps Tight Budgets
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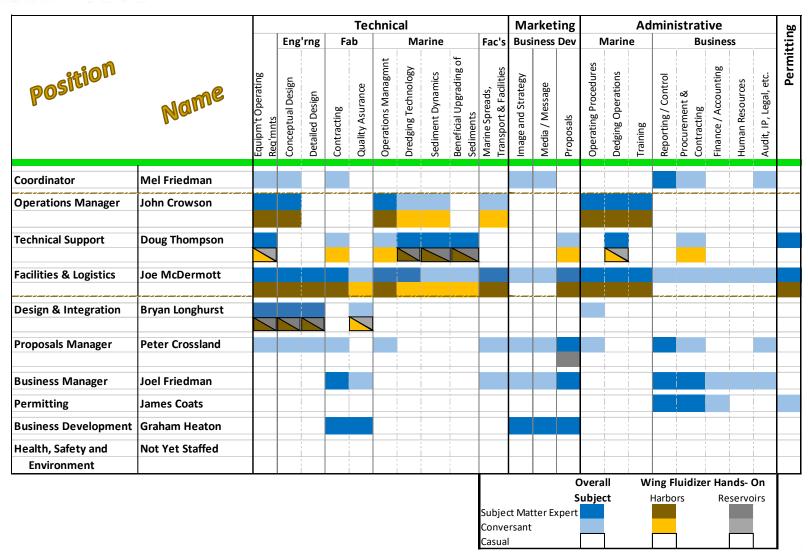
Problematic Harbor Locations

- Typical Berth Size
- Depth not an issue
- Frequently Required
- **✓** Tested and Confirmed
- **For Emergencies**
- **√** Simplifies Permitting
- **✓** Helps Tight Budgets



Our Team

The WSES







For Information

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