

In Water Work

Bidding Process

- In Water Work Period
 - When can work start
 - Historical Water Level Data
- Scope of Work
 - Protected (Cofferdam – “Dry”)
 - Unprotected (no Cofferdam – “Wet”)
 - Volume of Work vs Time
- The Permit

Construction

- Repeat of Bid Process
- Permit – now critical
- Scope of Work
- Preparations for the In Water Work Period
 - Floating Plant – barges, cranes, power
 - Permanent Materials
 - Support Equipment/Erosion Materials
 - Potential to be “on” water early

Sample Projects

- Willamette River Water Treatment Plant
- River Mill Dam
- Marmot Dam
- Newport International Terminal

Willamette River Water Treatment Plant – Raw Water Intake



















River Mill Dam





















































Marmot Dam Removal





























Newport International Terminal



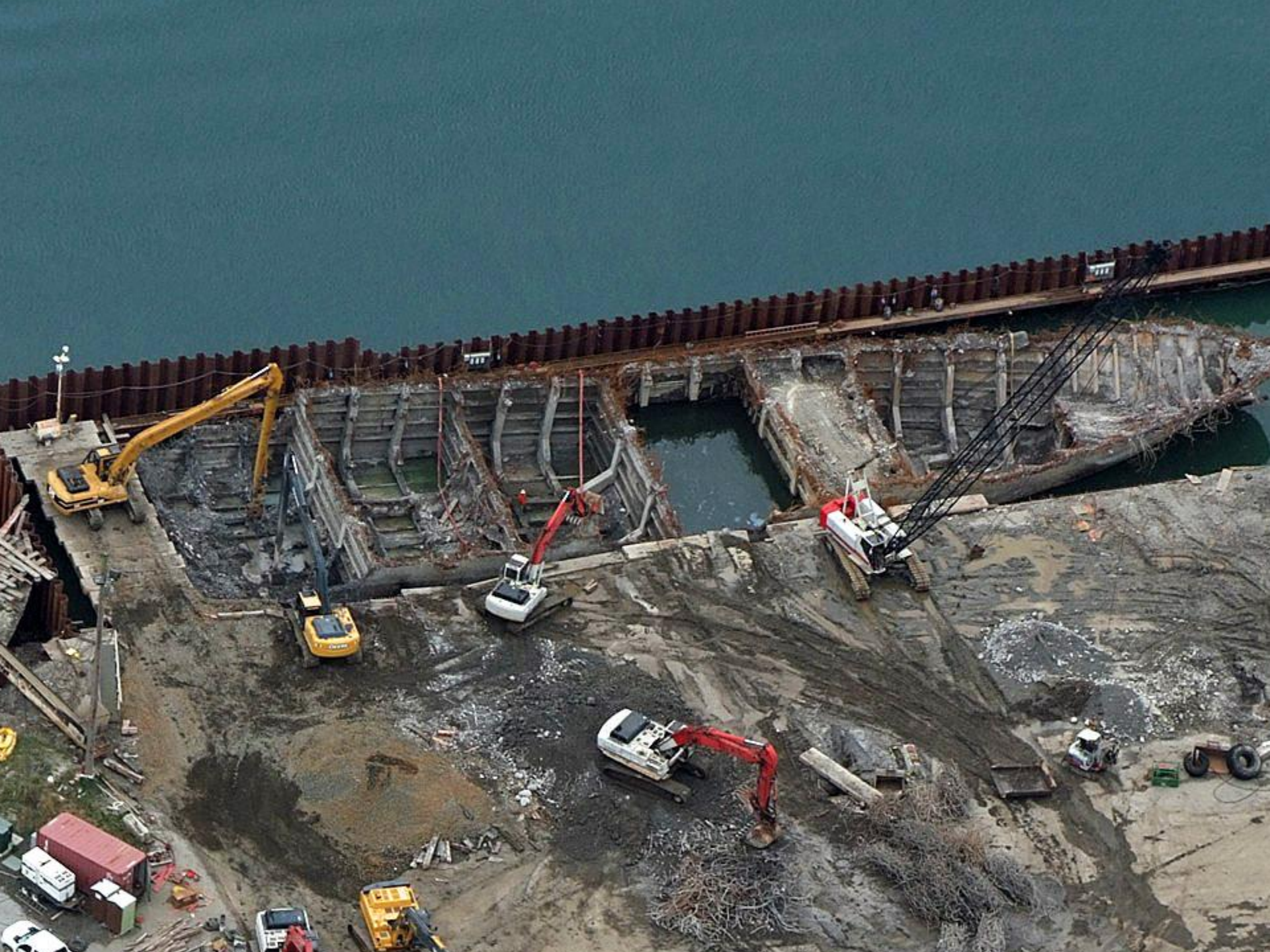


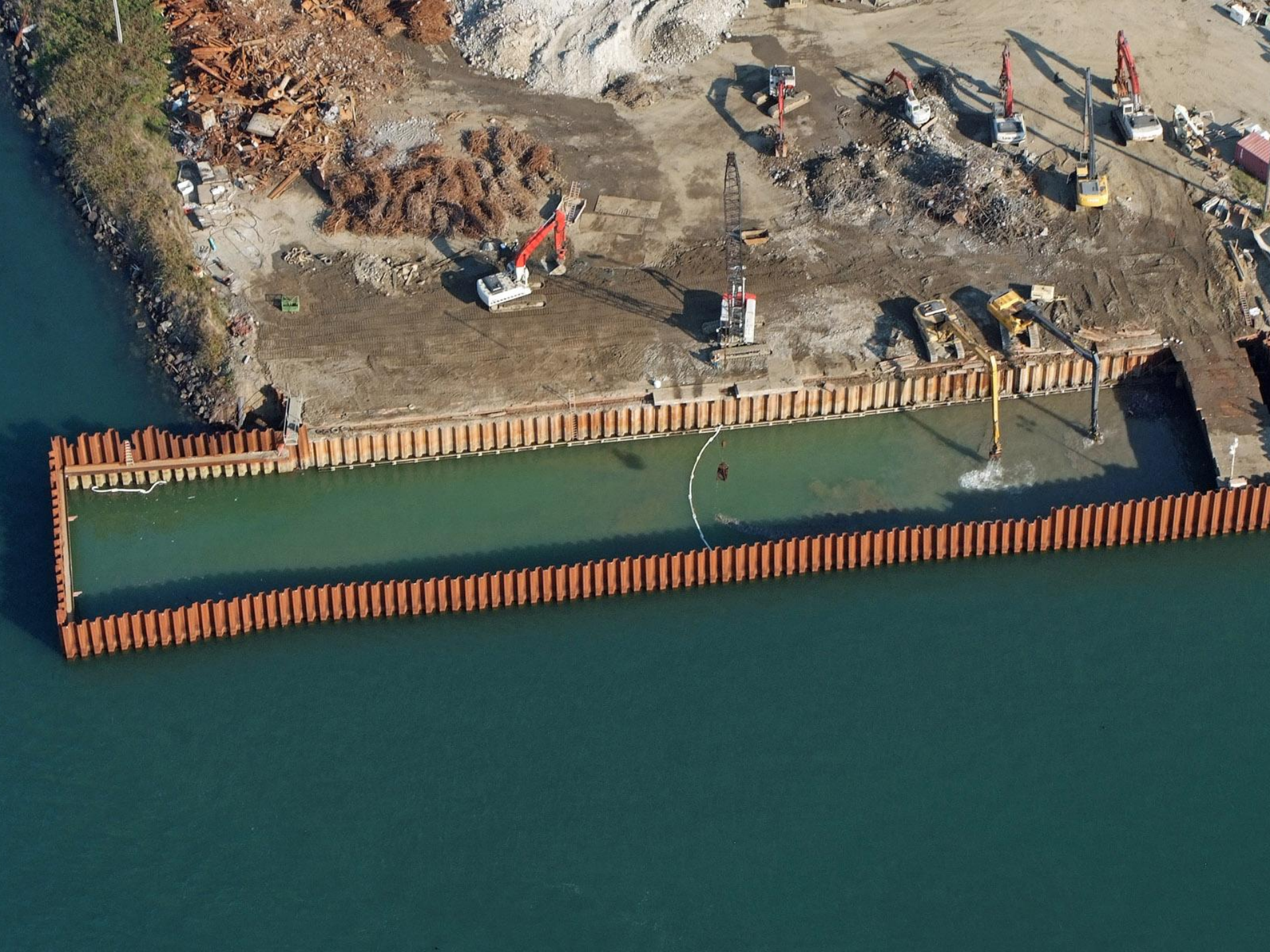
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