

# Casting Yards and Cofferddam Enclosures



Construction of sheet-pile cofferdam enclosure.



Aerial view of completed enclosure.

Gerwick has provided engineering services and expert advice on a number of projects involving casting yards, cofferdams, and sheet-pile enclosures, including inspection, design, and construction supervision.

Recent projects include:

- Costa Azul Casting Basin, Baja California, Mexico.
- Middle Harbor Sheet-Pile Containment Structure, Oakland, California.
- Levee Breach, Bethel Island, California.
- Electric Boat Graving Dock, Groton, Connecticut.
- Outlet Facilities, Lake Matthews, California.
- Arthur Ravenel Bridge, Charleston, South Carolina.
- Oresund Immersed Tunnel Crossing, Denmark.



Excavation of enclosure behind float-in gate.

## Services Performed:

- Conceptual Design
- Detailed Design
- Civil & Structural Engineering
- Geotechnical Engineering
- Coastal Engineering
- Constructability Studies
- Technical Review
- Metocean Studies
- Assessment of Hydrodynamic Loads
- Dredging and Sand Infill
- Temporary Support Systems



Casting yard enclosure prior to dewatering.