

Inland Waterways



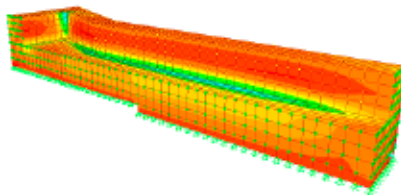
Float-in of Segment 1 from casting basin to outfitting pier. Braddock Dam, Pennsylvania



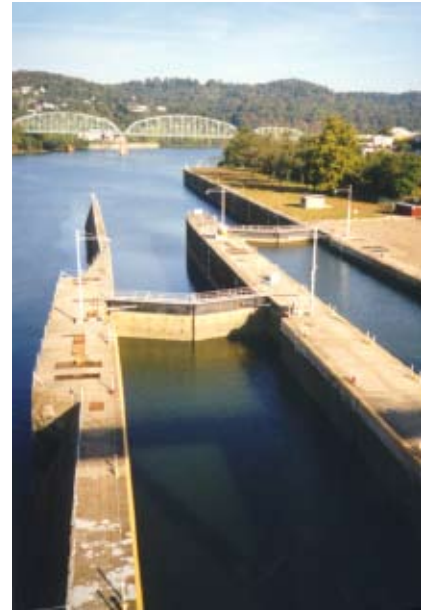
In-the-wet dam construction - tremie infill of dam segment positioned over pre-installed caissons.

Ben C. Gerwick, Inc. has a proven track record of providing cost-effective solutions to lock and dam projects using off-site prefabrication, float-in and in-the-wet construction technology. Our unique solutions minimize risks and reduce the time for construction through the use of innovative design and construction methods that avoid long lead times. Our expertise includes pump stations, cofferdams, marine skidways, precast yards, bulkheads, dewatering, underwater repair, levees, floodwalls, canal lining, flexible revetments, and articulated concrete mats.

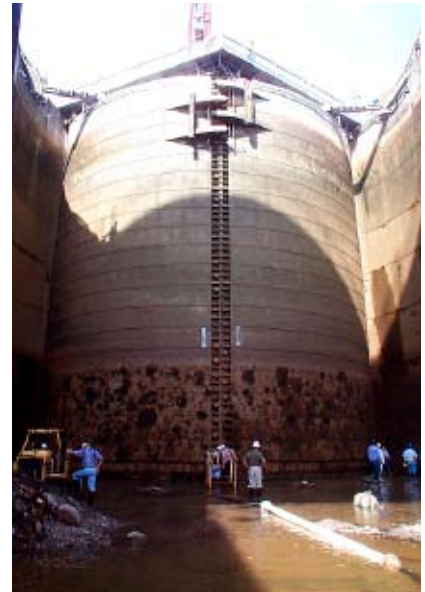
Our services include soil-structure-interaction and foundation analyses, FE modeling, waterway traffic and navigation studies, dredging design, cofferdams, float-in and in-the-wet construction methods, heavy lift and transportation technology, seismic analyses, hydraulic modeling, fish-bypass structures, coastal engineering, and geotechnical engineering.



Wanapum Dam Fish Bypass FE Analysis



Charleroi Lock



Chickamauga Lock dewatering



Charleroi Locks and Dam, Monongahela River, Pennsylvania



Chickamauga Lock Operation