

Hebgen Dam Cellular Cofferdam



Work Performed

Pacific Pile & Marine: Design-build emergency deep intake structure to stabilize failed intake structure in the environmentally sensitive headwaters of the Madison River at the Hebgen Reservoir. Involved construction of closed cell cofferdam and tensioned rock anchors. 36-in dia. shafts installed 20-ft into bedrock at a water depth up to 35-ft. Concrete tremie seal utilized to stabilize rock between existing intake. 1,350 cy tremie concrete poured in water depths up to 60-ft. Circular cells spaced 58-ft in dia. 70-ft centers using sheet pile between 80 and 85-ft.

Location:	West Yellowstone, MT
Contract Amount:	\$9,600,000
Performance Dates:	May-2009 - May-2010
Client:	PCL Montana, LLC
Contact:	Carrie Harris