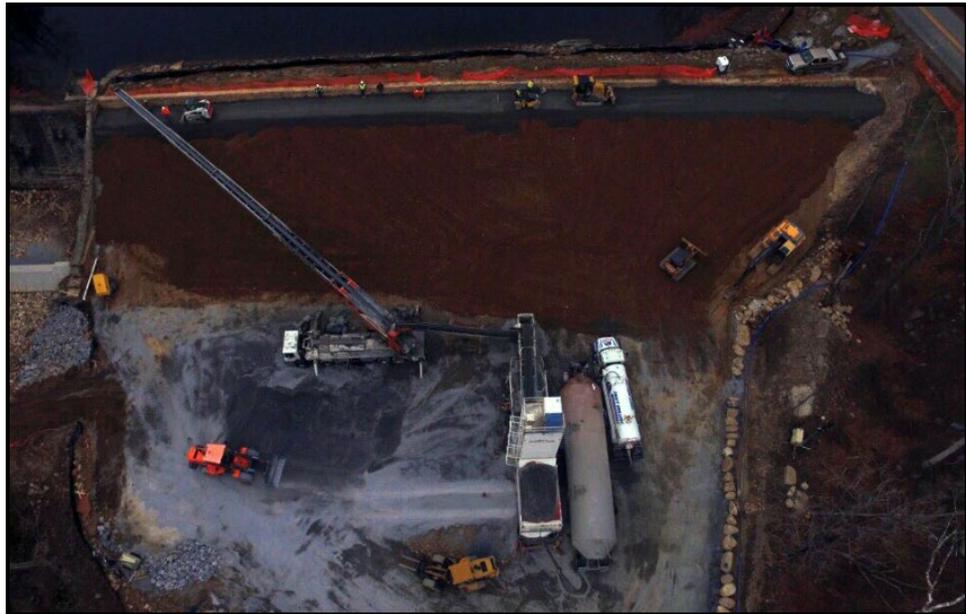




Prime Contractor Experience Heeter Geotechnical Construction, LLC

Cacapon State Park – Modification of Upper & Lower Dams Berkeley Springs, West Virginia



SCOPE OF WORK

The project consists of rehabilitating the upper and lower dams of the recreational lake to meet the structural criteria of the Probable Maximum Participation Storm model. The 366 feet wide, 34 feet tall lower dam was initially constructed in the 1930's by CCC workers. The 550 feet wide, 36 feet tall upper dam was built in the 1970's to supply water for irrigating the park's golf course.

Work at the lower dam consists primarily of installing roller compacted concrete (RCC) reinforcement to provide overtopping protection. RCC was produced with a Gears Inc. AccuMix™ 750XB continuous mixing, portable pugmill plant and delivered to the point of placement via telescopic conveyor.

The upper dam construction activities include increasing the holding capacity of the lake by raising the crest 1.7 feet, adding an earthen buttress on the downstream toe for strength, and installing drains to capture seepage.



Cacapon State Park – Mod. of Upper & Lower Dams (continued) Morgan County, West Virginia



NOTABLE PROJECT SPECIFICS

- Roller Compacted Concrete – 2,530 cy
- 36” Diameter DR 17 HDPE Slip Line – 146 lf
- 26” Diameter DR 17 HDPE Slip Line – 71 lf
- Unclassified Excavation – 5,430 cy
- Reinforced Concrete – 89 cy
- Concrete Fill – 156 cy
- Cohesive Fill – 690 cy
- Random Fill – 2,230 cy
- Soil Fill Cover – 1,940 cy
- Coarse Filter – 130 cy
- Fine Filter – 180 cy
- Rip Rap – 340 cy
- Grouted Rip Rap – 260 cy
- Seeding, Fertilizing, Mulching – 3 acres
- Crushed Stone Aggregate – 100 cy
- Fisherman’s Trail – 305 lf
- 6” Waterline Relocation – 260 lf
- Erosion and Sediment Control
- Dewatering and Water Control

