

Project

Tait Station Dam Removal
Dayton, Ohio



Client: Ohio Department of Transportation
Design Engineer: Cardno
Completed: 2018

The Tait Station Low Head Dam located in the Great Miami River in downtown Dayton, Ohio was constructed in 1935 to supply cooling water as part of coal-fired electric generating power plant (Tait Station). To increase recreational use, riverfront revitalization and eco-tourism ERC was hired to remove the 83-year-old dam which was constructed of reinforced concrete with flashboards. It was 569 feet long & 30 feet wide and consisted of four different sections. After constructing a temporary causeway ERC removed & dewatered 10,000 CY of sediment followed by the demolition and debris removal of the low head dam. A constructed riffle was then installed followed by grading and the establishment of the river banks & inner-channel benches. The site was restored with seeding and planting of the disturbed areas.

CASE STUDY

Services

- Construction Access Establishment
- Temporary Causeway Installation
- Sediment Removal & Dewatering
- Demolition & Debris Removal
- Grade Control Structure / Constructed Riffle Installation
- Grading & Establishment of River Banks and Inner-Channel Benches
- Seeding and Planting



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