# Morgantown Lock and Dam

Morgantown, WV

## Project Features

• Authorization: Rivers and Harbors Act dated 17 May 1950.

• Morgantown Lock and Dam was originally built from 1923-1926. The dam was reconstructed from 1948-1950 on the Monongahela River. A new lock chamber was completed in December 1993.

•The facility is comprised of a 410 ft gated dam and a 84 ft X 600 ft lock which provides for a 17 ft vertical lift. The overall length of the dam is 530 ft. An uncontrolled spillway is comprised of 2 fixed weir sections, one at each end of the dam and each 50 ft in length. The controlled spillway is comprised of 6 gated sections, each 60 ft in length.

• A channel depth of 9 ft. and width of 300 is required for navigation. Maintenance channel dredging is performed annually.

## Regional Importance

• Annually there are 0.8M tons of cargo and over 400 commercial vessels and 450 recreational vessels locked through the project. Cargo consists of coal, petroleum, chemicals, crude materials, manufactured goods, manufactured machinery, and other commodities.

• Construction and supply companies use this facility to move raw materials throughout the region. The transportation savings associated with this facility averaged $5.7m annually.

## Consequences of Not Maintaining the Project

• Failure to maintain the project could result in a halt in the movement of commercial navigation. That stoppage would result in loss of rate savings to the shippers and delayed orders for essential commodities including fuel for power plants and raw materials for major industries.

• In addition to the loss of the navigation purpose, pool loss could jeopardize water supply for municipal and industrial users and could lead to the loss of habitat for aquatic species. Such a pool loss could affect both recreation users and water quality should there be a prolonged loss.

## Additional Information

- 2015 Lock Tonnage (in thousands): Insignificant
- National Rank: 157
- Current Miter Gate In Service Date: 1950
- Projected Year Lock Miter Gates Reach "F" Condition: 2024
- Projected Miter Gate Replacement: Downstream: 2035 Upstream: 2035
- Fee Lands: 27.45 acres
- Flowage Easement Lands: 84.05 acres

## Congressional Interests

Senator - Joe Manchin, D-WV
Senator - Shelley Moore Capito, R-WV
Representative - David McKinley, R-WV-1