Allegheny 2 Lock and Dam

Allegheny River, PA

Project Features

• Authorization: River and Harbors Acts of 1935.

• Allegheny 2 Lock and Dam was built in 1932-34 and began operations in October 1934.

• Primary project purpose is navigation.

• The project has a non-navigable, 1,393 foot long fixed crest and a single 360ft x 56ft lock chamber which provides an 11 foot vertical lift.

• Lock is staffed 24 hours a day, 7 days a week.

• The project has one day use recreation area.

Regional Importance

• In calendar year 2015, the volume of cargo transported exceeded 175 thousand tons, valued at over $175 million.

• In 2016, there were 1,158 commercial vessels and 4,731 recreational vessels locked through Lock and Dam 2.

• Cargo consists of coal, petroleum, chemicals, crude materials, manufactured goods, farm products, manufactured machinery, and other commodities.

• The principal commodity at Lock 2 is coal, which is transported into the C.W. Bill Young pool for power generation.

• The transportation savings associated with this facility is approximately $7.3 million a year.

• Singles up and down lock time is approximately 35 minutes up and down.

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) 661
- National Rank: 140
- Current Miter Gate In Service Date:
  Main: 1962 Auxiliary: 1962
- Projected Year Lock Miter Gates Reach "F" Condition: 2036
- Projected Miter Gate Replacement:
  Downstream: 2040 Upstream: 2040
- Fee Lands: 5.9 acres
- Flowage Easement Lands: 0 acres

Congressional Interests

Senator Bob Casey Jr., D-PA
Senator Pat Toomey, R-PA
Representative Keith Rothfus, R-PA-12
Representative Michael Doyle Jr., D-PA-14