



Newport News Waterworks
700 Town Center Drive, Newport News, VA 23606
Quality - Reliability - Community

Walkers Dam Fact Sheet
Construction Phase II
July 2010

Dam failure date: April 21, 2007
Phase I repair completed: February 26, 2008
Estimated Phase II construction start: August/September 2010
Estimated Phase II construction completion: 18-24 months*

*(*Limited construction will take place during "time of year restriction" February 15 through June 30 as required by the Virginia Department of Game and Inland Fisheries as part of the Corps of Engineers permit.)*

Design highlights:

- Fixed height of dam will be unchanged.
- Replacement of existing flashboards will not occur during Phase II but may be incorporated in the future.
- Entire dam will be rehabilitated and incorporate the repairs completed during the stabilization effort (Phase I).
- Both abutments (location where dam meets natural ground) will be replaced.
- The boat lock will be replaced with a similar structure in the same location. Operation of the lock is expected to be easier than in the past.
- New navigation aids will be installed.
- New lighting and security cameras will be installed.
- Access to the dam by the public will be permanently prohibited due to safety and security concerns.
- The fish ladder will be replaced and relocated just to the west of the new boat lock.
- A floating debris removal area is being developed near the pump station in order to remove debris accumulated on the dam.
- Floating booms will be installed to deter floating debris from blocking the boat lock and fish ladder.
- A public fishing pier is still under consideration but will not be included in Phase II due to known property ownership, legal, and permitting issues.

Questions? Contact the Waterworks Public Information Office at 757-926-1155.