



**US Army Corps
of Engineers**

Barren River Lake

Barren River, KY



Project Features

- Authorization: Flood Control Act of 1938.
- Barren River Lake is situated in the rural, rolling hills of Allen, Barren and Monroe counties in South Central Kentucky. The dam is located 12 miles east of Scottsville, KY and 15 miles southwest of Glasgow, KY on State Highway 252.
- Primary project purposes are flood risk reduction, water supply, fish and wildlife and recreation.
- Construction began on the dam in March 1960 and the lake became operational in October 1964. Barren River Lake covers 20,150 acres at maximum flood control pool and 10,000 acres at normal summer pool. The drainage area above the dam is 940 square miles, and since its completion has prevented more than 8 times its original construction cost in flood damages.
- There are four campgrounds and four day use areas managed by the Corps of Engineers at Barren River Lake as well as four commercial marinas operated under concessionaire lease.

Consequences of Not Maintaining the Project

- Failure to adequately fund the flood risk management mission at this facility would result in the project's inability to adequately execute the flood risk management mission as authorized by congress. The consequences could range in severity depending upon the condition of the project, but would ultimately lead to a failure of the structure and a subsequent life safety concern for those in the affected downstream areas.
- Closure of recreational facilities will result in degradation of facilities, negative public reaction and potential Congressional inquiries.



Regional Importance

- The project averages 1.24 million visitors annually, contributing \$31.99 million to the local economy. This represents a sizable component of the economy in the local community.
- The project serves as one unit of the comprehensive plan for the Ohio River Basin to reduce the flood stages downstream from the dam. The project has prevented over \$216 million in cumulative flood damages through FY 2019.
- The lake provides water supply storage and operates to increase natural low-flow conditions downstream of the dam in the interest of water quality control.

U.S. Army Corps of Engineers Fiscal Year (FY) Project Appropriations and President's Budget (\$1,000)

Business Line	FY19 O&M Appropriation			FY20 O&M Appropriation			FY21 O&M President's Budget		
	Operation	Maintenance	Total	Operation	Maintenance	Total	Operation	Maintenance	Total
Flood Risk Management	\$1,527	\$772	\$2,299	\$1,671	\$454	\$2,125	\$1,874	\$285	\$2,159
Recreation	\$702		\$702	\$641	\$618	\$1,259	\$666		\$666
Environmental Stewardship	\$218	\$392	\$610	\$537	\$155	\$692	\$219	\$94	\$313
Water Supply	\$11		\$11	\$11		\$11	\$11		\$11
Total	\$2,458	\$1,164	\$3,622	\$2,860	\$1,227	\$4,087	\$2,770	\$379	\$3,149

In addition to annual appropriations, this project currently has the following maintenance needs in order operate at an optimum level of service and reliability.

Business Line	FY21 Funding Requests for Maintenance (\$1,000)		Maintenance Needs
	Total	Packages \$	
Flood Risk Management	\$159	\$159	Maintenance for Flood Risk Management
Recreation	\$1,172	\$95	Barren River Lake- Demo sewage treatment plants at The Narrows & Baileys Point Rec Areas
		\$240	Barren River Lake- Exterior renovation of two showerhouses and one restroom at The Narrows Rec Area
		\$244	Barren River Lake- Exterior renovation of two showerhouses at Baileys Point Campground.
		\$390	Barren River Lake- Renovate 100 Campsites at Baileys Point campground.
		\$96	Repair boat ramps at The Narrows, Browns Ford and Baileys Point
		\$107	Upgrade electric main electric wiring at Narrows Campground

Additional Information

- Fee Lands: 20,106 acres
- Flowage Easement Lands: 4,561 acres
- Project Boundary Line Marked: 296 miles

Congressional Interests

- Senator Mitch McConnell, R-KY
- Senator Rand Paul, R-KY
- Congressman James Comer, R-KY-1
- Congressman Brett Guthrie, R-KY-2



**US Army Corps
of Engineers**

Brookville Lake

East Fork of the Whitewater River, IN



Project Features

- Authorization: Flood Control Act of 1938.
- Primary project purposes are flood damage reduction, fish and wildlife, and recreation.
- The lake is located in Franklin and Union counties on the East Fork of the Whitewater River. The dam is about one-half mile above Brookville, Indiana, and 36 miles northwest of Cincinnati, Ohio.
- Brookville Lake exists as a cooperative management effort between the Corps of Engineers and the Indiana Department of Natural Resources.
- The earthen dam was constructed in 1974 with a height of 181 feet and length of 2,800 feet long at its crest. The dam impounds the East Fork Of Whitewater River for flood control and storm water management.
- The riverine reservoir it creates, has a normal water surface of 8.2 square miles, a maximum capacity of 359,600 acre-feet, and normal storage of 184,900 acre-feet.
- Recreation includes boating, camping, fishing, golfing, hiking, hunting, and swimming.
- Two State Recreation Areas are Mounds and Quakertown. Nearby is Whitewater Memorial State Park.

Consequences of Not Maintaining the Project

- Failure to adequately fund the flood risk management mission at this facility would result in the project's inability to adequately execute the flood risk management mission as authorized by congress. The consequences could range in severity depending upon the condition of the project, but would ultimately lead to a failure of the structure and a subsequent life safety concern for those in the affected downstream areas.
- Closure of recreational facilities will result in degradation of facilities, negative public reaction and potential Congressional inquiries.



Regional Importance

- The 5,260 acre lake provides flood reduction and a whole lot more. The Brookville region offers many opportunities to enjoy wildlife or recreate in the great outdoors. The project averages 883 thousand visitors annually, contributing \$18.8 million to the local economy. This represents a sizable component of the economy in the local community.
- The project has prevented over \$72.42 million in cumulative flood damages through FY 2019.

U.S. Army Corps of Engineers Fiscal Year (FY) Project Appropriations and President's Budget (\$1,000)

Business Line	FY19 O&M Appropriation			FY20 O&M Appropriation			FY21 O&M President's Budget		
	Operation	Maintenance	Total	Operation	Maintenance	Total	Operation	Maintenance	Total
Flood Risk Management	\$948	\$387	\$1,335	\$958	\$4,188	\$5,146	\$1,073	\$238	\$1,311
Recreation	\$90		\$90	\$87		\$87	\$94		\$94
Environmental Stewardship	\$310	\$70	\$380	\$35	\$308	\$343	\$34	\$284	\$318
Water Supply	\$8		\$8	\$8		\$8	\$8		\$8
Total	\$1,356	\$457	\$1,813	\$1,088	\$4,496	\$5,584	\$1,209	\$522	\$1,731

In addition to annual appropriations, this project currently has the following maintenance needs in order operate at an optimum level of service and reliability.

Business Line	FY21 Funding Requests for Maintenance (\$1,000)		Maintenance Needs
	Total	Packages \$	
Flood Risk Management	\$161	\$46	Maintenance for Flood Risk Management
		\$85	Parking lot upgrade
		\$30	Removal of Radio Tower at Project Office
Recreation	\$116	\$51	Maintenance for Recreation
		\$65	Overlook Picnic Shelter - Floor Decking, Handrail, and Retaining Wall Replacement
Environmental Stewardship	\$47	\$47	Wildlife Habitat Management, Maintenance for Environmental Stewardship

Additional Information

- Fee Lands: 16,957 acres
- Flowage Easement Lands: 380 acres
- Project Boundary Line Marked: 80 miles

Congressional Interests

Senator Todd Young, R-IN
 Senator Mike Braun, R-IN
 Congressman Greg Pence, R-IN-6



**US Army Corps
of Engineers**

Buckhorn Lake

Middle Fork of the Kentucky River, KY



Project Features

- Authorization: Flood Control Act of 1938.
- Primary project purposes are flood damage reduction, fish and wildlife, and recreation.
- Buckhorn Lake is situated in Leslie and Perry counties on the Middle Fork of the Kentucky River in the foothills of the Cumberland Plateau, offering the scenic beauty of the Appalachian Mountain Range. The dam is located near the small community of Buckhorn, Ky., about 100 miles southeast of Lexington and 30 miles west of Hazard.
- Buckhorn Dam is an earthen dam, 160 feet high and 1,020 feet in length at its crest, with a maximum capacity of 167,900 acre-feet and normal storage of 32,100 acre feet.
- The riverine reservoir it creates, has a normal water surface of 8.2 square miles, a maximum capacity of 359,600 acre-feet, and normal storage of 184,900 acre-feet.
- At Buckhorn Lake you can camp or picnic at one of four Corps operated recreation areas; fish, boat, swim or ski on Buckhorn Lake; hunt in the Buckhorn Lake Wildlife Management Area or Daniel Boone National Forest; walk numerous trails; or enjoy a weekend getaway at the Buckhorn Lake State Resort Park.

Consequences of Not Maintaining the Project

- Failure to adequately fund the flood risk management mission at this facility would result in the project's inability to adequately execute the flood risk management mission as authorized by congress. The consequences could range in severity depending upon the condition of the project, but would ultimately lead to a failure of the structure and a subsequent life safety concern for those in the affected downstream areas.
- Closure of recreational facilities will result in degradation of facilities, negative public reaction and potential Congressional inquiries.



Regional Importance

- The 1,230 acre Buckhorn Lake and surrounding area offers a wide variety of outdoor recreation opportunities. The Corps, in cooperation with the Commonwealth of Kentucky manages the land and water for wildlife, fisheries and recreation. The project averages 203 thousand visitors annually, contributing \$2.9 million to the local economy. This represents a sizable component of the economy in the local community.
- Buckhorn Lake is home to a sizable population of muskie, making it an attractive destination for fishermen.
- The project has prevented over \$82.95 million in cumulative flood damages through FY 2019.

U.S. Army Corps of Engineers Fiscal Year (FY) Project Appropriations and President's Budget (\$1,000)

Business Line	FY19 O&M Appropriation			FY20 O&M Appropriation			FY21 O&M President's Budget		
	Operation	Maintenance	Total	Operation	Maintenance	Total	Operation	Maintenance	Total
Flood Risk Management	\$857	\$309	\$1,166	\$1,070	\$607	\$1,677	\$1,000	\$374	\$1,374
Recreation	\$416	\$45	\$461	\$424	\$8	\$432	\$374		\$374
Environmental Stewardship	\$354	\$98	\$452	\$140	\$175	\$315	\$104	\$192	\$296
Water Supply			\$0			\$0			\$0
Total	\$1,627	\$452	\$2,079	\$1,634	\$790	\$2,424	\$1,478	\$566	\$2,044

In addition to annual appropriations, this project currently has the following maintenance needs in order operate at an optimum level of service and reliability.

Business Line	FY21 Funding Requests for Maintenance (\$1,000)		Maintenance Needs
	Total	Packages \$	
Flood Risk Management	\$1,243	\$280	Emergency Spillway Abutments Repairs
		\$3	Maintenance for Flood Risk Management
		\$50	Paint Walls and Ceilings of Control Tower Level A & B.
		\$900	Repairs to Buckhorn Dam Boat Ramp, access road drainage ditch and shotcrete high wall
		\$10	Boundary and Flowage Easement Maintenance Activities for Flood Risk Mgmt
Recreation	\$358	\$100	Resurface the Buckhorn Tailwater Rec Area Parking Lot & restripe all parking spaces in the Buckhorn Dam Area.
		\$23	Maintenance of Recreation Features
		\$85	Repair & Blacktop Trace Branch Rec Area Parking Lot
		\$150	Replace Leatherwood Pit Toilet

Additional Information

- Fee Lands: 14,961 acres
- Flowage Easement Lands: 915 acres
- Project Boundary Line Marked: 121 miles

Congressional Interests

Senator Mitch McConnell, R-KY
 Senator Rand Paul, R-KY
 Congressman Hal Rogers, R-KY-5



**US Army Corps
of Engineers**

Caesar Creek Lake

Waynesville, OH



Project Features

- Authorization: Flood Control Act of 1938.
- Primary project purposes are flood risk reduction, fish and wildlife and recreation.
- The lake is located in Warren, Clinton and Greene counties in southwestern Ohio. The dam is three miles above the mouth of Caesar Creek, a tributary of the Little Miami River.
- The dam is an earth and rock fill dam 165 feet high and 2,750 feet long. The watershed above the dam has an area of 237 square miles. Construction started in 1971 and was finished in 1978.
- Caesar Creek exists as a cooperative management effort among the Corps of Engineers and the Ohio Department of Natural Resources - Divisions of Parks and Recreation, Wildlife, and Natural Areas and Preserves. In addition, one private non-profit organization, the Pioneer Village Association, plays an important role at the park.
- Caesar Creek has one of two Class "A" Visitor centers in the Great Lakes and Ohio River Division.
- The Corps manages 3 areas around the dam on approximately 1,500 acres. ODNR manages major recreation facilities under a state park lease.

Consequences of Not Maintaining the Project

- Failure to adequately fund the flood risk management mission at this facility would result in the project's inability to adequately execute the flood risk management mission as authorized by congress. The consequences could range in severity depending upon the condition of the project, but would ultimately lead to a failure of the structure and a subsequent life safety concern for those in the affected downstream areas.
- Closure of recreational facilities will result in degradation of facilities, negative public reaction and potential Congressional inquiries.



Regional Importance

- The 2,830-acre lake provides flood reduction and a whole lot more. The Caesar Creek Region offers many opportunities to enjoy wildlife or recreate in the great outdoors. The project averages 711 thousand visitors annually, contributing \$8.1 million to the local economy. This represents a sizable component of the economy in the local community.
- The project has prevented over \$377.8 million in cumulative flood damages through FY 2019.

U.S. Army Corps of Engineers Fiscal Year (FY) Project Appropriations and President's Budget (\$1,000)

Business Line	FY19 O&M Appropriation			FY20 O&M Appropriation			FY21 O&M President's Budget		
	Operation	Maintenance	Total	Operation	Maintenance	Total	Operation	Maintenance	Total
Flood Risk Management	\$1,348	\$435	\$1,783	\$1,590	\$940	\$2,530	\$1,444	\$406	\$1,850
Recreation	\$229		\$229	\$251		\$251	\$256		\$256
Environmental Stewardship	\$48	\$77	\$125	\$23	\$125	\$148	\$56	\$80	\$136
Water Supply	\$8		\$8	\$8		\$8	\$8		\$8
Total	\$1,633	\$512	\$2,145	\$1,872	\$1,065	\$2,937	\$1,764	\$486	\$2,250

In addition to annual appropriations, this project currently has the following maintenance needs in order operate at an optimum level of service and reliability.

Business Line	FY21 Funding Requests for Maintenance (\$1,000)		Maintenance Needs
	Total	Packages \$	
Flood Risk Management	\$1,665	\$350	Design and Install Replacement Dam Toe Drainage System
		\$58	Install Emergency Generator
		\$69	Maintenance for Flood Risk Management
		\$10	Boundary and Flowage Easement Maintenance Activities for Flood Risk Mgmt
		\$30	Removal of Radio Tower at Project Office
		\$115	Replace outdated water line
		\$400	Seal Raw Water Intakes at Control Tower
		\$325	Stablize and Repair VC office slide
		\$308	Tower bridge painting & repairs
Recreation	\$149	\$57	Expand Flat Fork Recreation Area Parking Area
		\$65	Maintenance for Recreation
		\$27	Maintenance for Recreation - Maintenance of Visitor Centers
Environmental Stewardship	\$30	\$30	Wildlife Habitat Management, Maintenance for Environmental Stewardship

Additional Information

- Fee Lands: 10,550 acres
- Flowage Easement Lands: 1,350 acres
- Project Boundary Line Marked: 46 miles

Congressional Interests

- Senator Sherrod Brown, D-OH
- Senator Rob Portman, R-OH
- Congressman Steve Chabot, R-OH-1
- Congressman Mike Turner, R-OH-10
- Congressman Steve Stivers, R-OH-15



**US Army Corps
of Engineers**

Cagles Mill Lake

Poland, IN



Project Features

- Authorization: Flood Control Act of 1938.
- Primary project purposes are flood damage reduction, fish and wildlife, and recreation.
- Cagles Mill was the first authorized lake project in the Louisville Engineer District. The project features an earthen embankment dam completed in 1953 which impounds a maximum capacity of 228,120 acre-feet, and normal storage of 27,112 acre-feet.
- The dam is located on Mill Creek 2.8 miles above its mouth approximately midway between Indianapolis and Terra Haute.
- The Corps has entered into a partnership with the Indiana Department of Natural Resources through a long term lease agreement to operate and manage 7,104 acres of land and water for recreation and fish and wildlife purposes.
- The features the largest waterfall in Indiana, a rock cut showing a number of geologic ages. native hardwood trees and anearby covered bridge.

Consequences of Not Maintaining the Project

- Failure to adequately fund the flood risk management mission at this facility would result in the project's inability to adequately execute the flood risk management mission as authorized by congress. The consequences could range in severity depending upon the condition of the project, but would ultimately lead to a failure of the structure and a subsequent life safety concern for those in the affected downstream areas.
- Closure of recreational facilities will result in degradation of facilities, negative public reaction and potential Congressional inquiries.



Regional Importance

- The project averages 339 thousand visitors annually, contributing \$6.6 million dollars to the local economy. This represents a sizable component of the economy in the local community.
- The project has prevented over \$387.97 million dollars in cumulative flood damages through FY 2019.

U.S. Army Corps of Engineers Fiscal Year (FY) Project Appropriations and President's Budget (\$1,000)

Business Line	FY19 O&M Appropriation			FY20 O&M Appropriation			FY21 O&M President's Budget		
	Operation	Maintenance	Total	Operation	Maintenance	Total	Operation	Maintenance	Total
Flood Risk Management	\$944	\$97	\$1,041	\$979	\$116	\$1,095	\$1,213	\$107	\$1,320
Recreation	\$28		\$28	\$47		\$47	\$45		\$45
Environmental Stewardship	\$100	\$26	\$126	\$48	\$28	\$76	\$45	\$75	\$120
Total	\$1,072	\$123	\$1,195	\$1,074	\$144	\$1,218	\$1,303	\$182	\$1,485

In addition to annual appropriations, this project currently has the following maintenance needs in order operate at an optimum level of service and reliability.

Business Line	FY21 Funding Requests for Maintenance (\$1,000)		Maintenance Needs
	Total	Packages \$	
Flood Risk Management	\$48	\$25	Conduct Sedimentation Range Survey at Cagles Mill Lake
		\$23	Maintenance for Flood Risk Management
Environmental Stewardship	\$28	\$28	Endangered insect survey

Additional Information

- Fee Lands: 7,259 acres
- Flowage Easement Lands: 9 acres
- Project Boundary Line Marked: 72 miles

Congressional Interests

Senator Mike Braun, R-IN
 Senator Todd Young, R-IN
 Congressman James Baird, R-IN-4
 Congressman Larry Bucshon, R-IN-8



**US Army Corps
of Engineers**

Carr Creek Lake

Sassafras, KY



Project Features

- Authorization: Flood Control Act of 1938.
- Primary project purposes are flood risk reduction, water supply, fish and wildlife and recreation.
- Carr Creek Lake, located east of Hazard, Kentucky, along Kentucky Route 15 in Knott County, is a 710 acres reservoir completed in 1976. Carr Creek Lake's earth and rock fill dam is 130 ft tall and 720 ft long, and the dam is located 8.8 mi above the mouth of Carr Fork River, a tributary of the North Fork Kentucky River.
- The Corps, in cooperation with the Commonwealth of Kentucky, manage the land and water resources for wildlife, fisheries, and recreation.
- There are two campgrounds, a developed swimming area, eight picnic shelters, and two hiking trails at Carr Creek Lake, as well as a commercial marina operated under concessionaire lease.

Consequences of Not Maintaining the Project

- Failure to adequately fund the flood risk management mission at this facility would result in the project's inability to adequately execute the flood risk management mission as authorized by congress. The consequences could range in severity depending upon the condition of the project, but would ultimately lead to a failure of the structure and a subsequent life safety concern for those in the affected downstream areas.
- Closure of recreational facilities will result in degradation of facilities, negative public reaction and potential Congressional inquiries.



Regional Importance

- The lake offers boating, fishing, swimming, and other recreational activities to the general public. The project averages 611 thousand visitors annually, contributing \$11.11 million dollars to the local economy. This represents a sizable component of the economy in the local community.
- The project serves as one unit of the comprehensive plan for the Ohio River Basin to reduce the flood stages downstream from the dam. The project has prevented over \$110.5 million dollars in cumulative flood damages through FY 2019.
- The lake provides water supply storage and operates to increase natural low-flow conditions downstream of the dam in the interest of water quality control.

U.S. Army Corps of Engineers Fiscal Year (FY) Project Appropriations and President's Budget (\$1,000)

Business Line	FY19 O&M Appropriation			FY20 O&M Appropriation			FY21 O&M President's Budget		
	Operation	Maintenance	Total	Operation	Maintenance	Total	Operation	Maintenance	Total
Flood Risk Management	\$679	\$321	\$1,000	\$939	\$680	\$1,619	\$974	\$265	\$1,239
Recreation	\$593		\$593	\$513	\$14	\$527	\$577		\$577
Environmental Stewardship	\$119	\$109	\$228	\$116	\$196	\$312	\$330	\$166	\$496
Water Supply	\$48		\$48	\$8		\$8	\$8		\$8
Total	\$1,439	\$430	\$1,869	\$1,576	\$890	\$2,466	\$1,889	\$431	\$2,320

In addition to annual appropriations, this project currently has the following maintenance needs in order operate at an optimum level of service and reliability.

Business Line	FY21 Funding Requests for Maintenance (\$1,000)		Maintenance Needs
	Total	Packages \$	
Flood Risk Management	\$329	\$180	Dam Safety for Flood Risk Mgmt - Piezometer Installation
		\$34	Maintenance for Flood Risk Management
		\$10	Boundary and Flowage Easement Maintenance Activities for Flood Risk Mgmt
		\$40	Resurface and extend asphalt at maintenance compound.
		\$65	Replacement of project patrol boat
Recreation	\$1,090	\$15	Maintenance of Recreation Features
		\$75	Replacement of Playground in Littcarr Campground
		\$400	Replacement of Irishman Area waste water treatment plant.
		\$150	Waterline replacement at Littcarr recreation area
		\$200	Sewage line replacement at Littcarr Campground
		\$250	Sewage system replacement at Marina Recreation Area
Environmental Stewardship	\$50	\$50	Wildlife Habitat Management, Maintenance for Environmental Stewardship

Additional Information

- Fee Lands: 3,871 acres
- Flowage Easement Lands: 35 acres
- Project Boundary Line Marked: 43 miles

Congressional Interests

Senator Mitch McConnell, R-KY
 Senator Rand Paul, R-KY
 Congressman Hal Rogers, R-KY-5



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Cave Run Lake

Morehead, KY



Project Features

- Authorization: Flood Control Act of 1938.
- Primary project purposes are flood risk reduction, water supply, fish and wildlife and recreation.
- Cave Run Lake, located south of Morehead, is an 8,270 acre reservoir in northeastern Kentucky. Construction of the 148 ft tall, half-mile long dam began in 1965 and was completed in 1974. Cave Run Lake is in the northern part of the Daniel Boone National Forest in Rowan, Morgan, Menifee, and Bath counties.
- The Corps operates and maintains the dam and three day use recreation areas near the dam. The remaining lands and recreation areas are managed under the jurisdiction of the Cumberland District of the U.S. Forest Service.



Regional Importance

Consequences of Not Maintaining the Project

- Failure to adequately fund the flood risk management mission at this facility would result in the project's inability to adequately execute the flood risk management mission as authorized by congress. The consequences could range in severity depending upon the condition of the project, but would ultimately lead to a failure of the structure and a subsequent life safety concern for those in the affected downstream areas.
- Closure of recreational facilities will result in degradation of facilities, negative public reaction and potential Congressional inquiries.

- Cave Run Lake provides flood protection to the lower Licking River valley, supplies water to the area's communities, improves the Licking River's water flow conditions, and offers a habitat for various species of fish and wildlife.
- The lake offers boating, fishing, swimming, and other recreational activities to the general public. The project averages 221 thousand visitors annually, contributing \$2.4 million dollars to the local economy. This represents a sizable component of the economy in the local community.
- The project serves as one unit of the comprehensive plan for the Ohio River Basin to reduce the flood stages downstream from the dam. The project has prevented over \$365.65 million dollars in cumulative flood damages through FY 2019.

U.S. Army Corps of Engineers Fiscal Year (FY) Project Appropriations and President's Budget (\$1,000)

Business Line	FY19 O&M Appropriation			FY20 O&M Appropriation			FY21 O&M President's Budget		
	Operation	Maintenance	Total	Operation	Maintenance	Total	Operation	Maintenance	Total
Flood Risk Management	\$735	\$182	\$917	\$827	\$237	\$1,064	\$816	\$188	\$1,004
Recreation	\$165		\$165	\$163		\$163	\$160		\$160
Environmental Stewardship	\$45	\$17	\$62	\$295	\$18	\$313	\$84		\$84
Water Supply	\$11		\$11	\$11		\$11	\$11		\$11
Total	\$956	\$199	\$1,155	\$1,296	\$255	\$1,551	\$1,071	\$188	\$1,259

In addition to annual appropriations, this project currently has the following maintenance needs in order operate at an optimum level of service and reliability.

Business Line	FY21 Funding Requests for Maintenance (\$1,000)		Maintenance Needs
	Total	Packages \$	
Flood Risk Management	\$222	\$45	Paint Radio Tower
		\$110	Resurface Project Office & North Access Road Approaches
		\$37	Maintenance for Flood Risk Management
		\$30	Boundary and Flowage Easement Maintenance Activities for Flood Risk Mgmt
Recreation	\$180	\$90	Replacement of Aging Play System located in the Tailwater Recreation Area
		\$90	Resurface of roadways in Tailwater Recreation Areas
Environmental Stewardship	\$90	\$60	Removal of Underground Fuel Storage Tank
		\$30	Wildlife Habitat Management, Maintenance for Environmental Stewardship

Additional Information

- Fee Lands: 392 acres
- Flowage Easement Lands: 22,132 acres
- Project Boundary Line Marked: 3 miles

Congressional Interests

Senator Mitch McConnell, R-KY
 Senator Rand Paul, R-KY
 Congressman Hal Rogers, R-KY-5
 Congressman Andy Barr, R-KY-6



**US Army Corps
of Engineers**

C.J. Brown Dam and Reservoir

Springfield, OH



Project Features

- Authorization: Flood Control Act of 1938.
- Primary project purposes are flood risk reduction, fish and wildlife and recreation.
- The dam was built across Buck Creek to control flooding in the Ohio River basin. It is made of rock fill with a sand and gravel core. It measures 6,620 feet across and 72 high and has a drainage area of 83 square miles.
- C.J. Brown lake is located near Springfield in west central Ohio, less than a day's drive from Indianapolis, Cleveland, Louisville or Toledo.
- C. J. Brown exists as a cooperative management effort between the Corps of Engineers and the Ohio Department of Natural Resources - Divisions of Parks and Recreation and Natural Areas and Preserves. In addition, one private non-profit organization, George Rogers Clark Historical Association, plays an important role at the park.
- Buck Creek State Park is open for year-round recreation and includes 25 cottages available to rent, 89 electric and 22 rustic campsites, and picnic areas through out at the park. A swimming area is open during the summer months. Trails that are open to hiking, horse-back riding and snowmobiles measure 7.5 miles in length.

Consequences of Not Maintaining the Project

- Failure to adequately fund the flood risk management mission at this facility would result in the project's inability to adequately execute the flood risk management mission as authorized by congress. The consequences could range in severity depending upon the condition of the project, but would ultimately lead to a failure of the structure and a subsequent life safety concern for those in the affected downstream areas.
- Closure of recreational facilities will result in degradation of facilities, negative public reaction and potential Congressional inquiries.



Regional Importance

- The 2,120 acre lake provides flood reduction and a whole lot more. The C. J. Brown Region offers many opportunities to enjoy wildlife or recreate in the great outdoors. The project averages 618 thousand visitors annually, contributing approximately \$5.31 million to the local economy annually. This represents a sizable component of the economy in the local community.
- The project has prevented over \$23.33 million in cumulative flood damages through FY 2019.

U.S. Army Corps of Engineers Fiscal Year (FY) Project Appropriations and President's Budget (\$1,000)

Business Line	FY19 O&M Appropriation			FY20 O&M Appropriation			FY21 O&M President's Budget		
	Operation	Maintenance	Total	Operation	Maintenance	Total	Operation	Maintenance	Total
Flood Risk Management	\$843	\$150	\$993	\$1,054	\$186	\$1,240	\$1,146	\$155	\$1,301
Recreation	\$165	\$6	\$171	\$138		\$138	\$148		\$148
Environmental Stewardship	\$41	\$63	\$104	\$16	\$87	\$103	\$69	\$47	\$116
Total	\$1,049	\$219	\$1,268	\$1,208	\$273	\$1,481	\$1,363	\$202	\$1,565

In addition to annual appropriations, this project currently has the following maintenance needs in order operate at an optimum level of service and reliability.

Business Line	FY21 Funding Requests for Maintenance (\$1,000)		Maintenance Needs
	Total	Packages \$	
Flood Risk Management	\$838	\$504	Decommission of Low Head Dam
		\$95	End of Life Cycle Replacement of Electronic Security System Components.
		\$70	Generator Replacement and Upgrade in Control Tower
		\$159	Maintenance for Flood Risk Management
		\$10	Boundary and Flowage Easement Maintenance Activities for Flood Risk Mgmt
Recreation	\$204	\$89	Maintenance for Recreation
		\$15	New Roof for Prairie View Shelter
		\$50	Prairie View Restroom Upgrade
		\$50	Replacement of Prairie View Playground
Environmental Stewardship	\$30	\$30	Wildlife Habitat Management, Maintenance for Environmental Stewardship

Additional Information

- Fee Lands: 4,076 acres
- Flowage Easement Lands: 177 acres
- Project Boundary Line Marked: 13 miles

Congressional Interests

Senator Sherrod Brown, D-OH
 Senator Rob Portman, R-OH
 Congressman Warren Davidson, R-OH-8



**US Army Corps
of Engineers**

Cecil M. Harden Lake

Rockville, IN



Project Features

- Authorization: Flood Control Act of 1938.
- The 2,110 acre lake provides flood reduction downstream from the dam, primarily in the Big Raccoon Creek and Lower Wabash River watersheds. The lake has 216 square miles of drainage area, beginning in Boone County, Indiana. Cecil M. Harden Lake also offers water-related recreation and the enhancement of fish and wildlife.
- Cecil M. Harden Lake (also known as Raccoon Lake), located in west central Indiana, lies predominantly in Parke County and extends into Putnam County. The dam is on Big Raccoon Creek 33 miles upstream of its juncture with the Wabash River. It is approximately 25 miles northeast of Terre Haute, 50 miles west of Indianapolis, and 15 miles north of Brazil.
- Cecil M. Harden Lake exists as a cooperative management effort between the Corps of Engineers and the Indiana Dept. of Natural Resources and includes the Raccoon State Recreation Area and the Historic Mansfield Roller Mill.

Consequences of Not Maintaining the Project

- Failure to adequately fund the flood risk management mission at this facility would result in the project's inability to adequately execute the flood risk management mission as authorized by congress. The consequences could range in severity depending upon the condition of the project, but would ultimately lead to a failure of the structure and a subsequent life safety concern for those in the affected downstream areas.
- Closure of recreational facilities will result in degradation of facilities, negative public reaction and potential Congressional inquiries.



Regional Importance

- The project averages 371 thousand visitors annually, contributing \$4.87 million to the local economy. This represents a sizable component of the economy in the local community.
- The project has prevented over \$196.87 million in cumulative flood damages through FY 2019.

U.S. Army Corps of Engineers Fiscal Year (FY) Project Appropriations and President's Budget (\$1,000)

Business Line	FY19 O&M Appropriation			FY20 O&M Appropriation			FY21 O&M President's Budget		
	Operation	Maintenance	Total	Operation	Maintenance	Total	Operation	Maintenance	Total
Flood Risk Management	\$986	\$124	\$1,110	\$926	\$153	\$1,079	\$1,264	\$50	\$1,314
Recreation	\$36		\$36	\$52		\$52	\$40		\$40
Environmental Stewardship	\$79	\$18	\$97	\$54	\$18	\$72	\$62	\$20	\$82
Total	\$1,101	\$142	\$1,243	\$1,032	\$171	\$1,203	\$1,366	\$70	\$1,436

In addition to annual appropriations, this project currently has the following maintenance needs in order operate at an optimum level of service and reliability.

Business Line	FY21 Funding Requests for Maintenance (\$1,000)		Maintenance Needs
	Total	Packages \$	
Flood Risk Management	\$137	\$127	Maintenance for Flood Risk Management
		\$10	Boundary and Flowage Easement Maintenance Activities for Flood Risk Mgmt

Additional Information

- Fee Lands: 4,093 acres
- Flowage Easement Lands: 1,169 acres
- Project Boundary Line Marked: 47 miles

Congressional Interests

Senator Mike Braun, R-IN
 Senator Todd Young, R-IN
 Congressman Larry Bucshon, R-IN-8



**US Army Corps
of Engineers**

Green River Lake

Campbellsville, KY



Project Features

- Authorization: Flood Control Act of 1938.
- Primary project purposes are flood risk reduction, water supply, fish and wildlife, and recreation.
- Green River Lake is a 8,210-acre reservoir in Adair, Taylor, and Casey counties in the section of Kentucky known as the Highland Rim. The lake was developed in 1969 by impounding the Green River. The dam is an 11-mile drive equidistant from the cities of Campbellsville and Columbia. The lake is located 90 miles southeast of Louisville.
- The earthen dam stands 141 feet high, with a length of 2,350 feet at its crest. Its riverine reservoir has a normal surface area of 12.8 square miles, a maximum capacity of 723,200 acre-feet, and normal storage of 244,100 acre-feet.
- The Corps, in cooperation with the Commonwealth of Kentucky, manages the land and water for wildlife, fisheries, and recreation.

Consequences of Not Maintaining the Project

- Failure to adequately fund the flood risk management mission at this facility would result in the project's inability to adequately execute the flood risk management mission as authorized by congress. The consequences could range in severity depending upon the condition of the project, but would ultimately lead to a failure of the structure and a subsequent life safety concern for those in the affected downstream areas.
- Closure of recreational facilities will result in degradation of facilities, negative public reaction and potential Congressional inquiries.



Regional Importance

- Green River Lake provides flood protection to the lower Green River valley, supplies water to the area's communities, improves the Green River's water flow conditions, and offers a habitat for various species of fish and wildlife.
- The lake offers boating, fishing, swimming, and other recreational activities to the general public. The project averages 840 thousand visitors annually, contributing \$9.2 million dollars to the local economy. This represents a sizable component of the economy in the local community.
- The project has prevented over \$195.87 million dollars in cumulative flood damages through FY 19.

U.S. Army Corps of Engineers Fiscal Year (FY) Project Appropriations and President's Budget (\$1,000)

Business Line	FY19 O&M Appropriation			FY20 O&M Appropriation			FY21 O&M President's Budget		
	Operation	Maintenance	Total	Operation	Maintenance	Total	Operation	Maintenance	Total
Flood Risk Management	\$1,647	\$2,204	\$3,851	\$1,789	\$801	\$2,590	\$1,978	\$349	\$2,327
Recreation	\$653		\$653	\$635		\$635	\$695		\$695
Environmental Stewardship	\$230	\$104	\$334	\$92	\$127	\$219	\$134	\$92	\$226
Water Supply	\$11		\$11	\$11		\$11	\$11		\$11
Total	\$2,541	\$2,308	\$4,849	\$2,527	\$928	\$3,455	\$2,818	\$441	\$3,259

In addition to annual appropriations, this project currently has the following maintenance needs in order operate at an optimum level of service and reliability.

Business Line	FY21 Funding Requests for Maintenance (\$1,000)		Maintenance Needs
	Total	Packages \$	
Flood Risk Management	\$4,399	\$200	Construct a service road
		\$1,325	Rip rap upstream slope of dam and dike
		\$180	Dam Safety for Flood Risk Mgmt - Piezometer Installation
		\$123	Maintenance for Flood Risk Management
		\$100	Purchase Patrol Boat
		\$20	Boundary and Flowage Easement Maintenance Activities for Flood Risk Mgmt
		\$330	Remove existing slush grout and add riprap
		\$2,121	Rip rap downstream slope of dam.
Recreation	\$2,350	\$325	Construct 20-site Campground at Wilson Creek Recreation Area
		\$265	Construct ADA Showerhouse at Pikes Ridge Campground
		\$800	Construct Educational Displays in the Visitor Center
		\$400	Modernize and Upgrade Pikes Ridge Campground
		\$350	Repave Roads in Smith Ridge Recreation Area
		\$100	Replace Waterlines at Holmes Bend Campground
		\$110	Maintenance of Recreation Features
Environmental Stewardship	\$69	\$35	Increase Pollinator Habitat
		\$34	Wildlife Habitat Management, Maintenance for Environmental Stewardship

Additional Information

- Fee Lands: 32,178 acres
- Flowage Easement Lands: 1,665 acres
- Project Boundary Line Marked: 155 miles

Congressional Interests

Senator Mitch McConnell, R-KY
 Senator Rand Paul, R-KY
 Congressman James Comer, R-KY-1



**US Army Corps
of Engineers**

J. Edward Roush Lake

Huntington, IN



Project Features

- Authorization: Flood Control Act of 1938.
- Primary project purposes are flood damage reduction, fish and wildlife, and recreation.
- The project area lies in Huntington and Wells counties IN, 20 miles southeast Ft. Wayne.
- The J. Edward Roush Lake Dam was completed in 1968 for flood control and recreation. At 91 feet high and 6,500 feet in length at its crest, its maximum capacity is 153,100 acre-feet and normal capacity is 12,500 acre-feet.
- The Indiana Department of Natural Resources (DNR), in partnership with the U.S. Army Corps of Engineers, manages public land at Roush Lake, along with that of seven other lakes in the state, including nearby Salamonie and Mississinewa lakes. The latter two, along with Roush, are known as the Upper Wabash Reservoirs. Under a lease with the Corps, the DNR operates and maintains the recreational facilities and wildlife areas at these properties. The Corps manages the dams and some recreational facilities immediately around the dams. The Corps also monitors and controls lake water levels.

Consequences of Not Maintaining the Project

- Failure to adequately fund the flood risk management mission at this facility would result in the project's inability to adequately execute the flood risk management mission as authorized by congress. The consequences could range in severity depending upon the condition of the project, but would ultimately lead to a failure of the structure and a subsequent life safety concern for those in the affected downstream areas.
- Closure of recreational facilities will result in degradation of facilities, negative public reaction and potential Congressional inquiries.



Regional Importance

- The 900 acre J. Edward Roush Lake and surrounding area offers a wide variety of outdoor recreation opportunities. The project averages 218 thousand visitors annually, contributing \$3.55 million dollars to the local economy. This represents a sizable component of the economy in the local community.
- J. Edward Roush Lake provides flood protection to the Wabash River valley, improves the Wabash River's water flow conditions, offers a habitat for various species of fish and wildlife, and provides surrounding communities with diverse outdoor recreation opportunities. The project has prevented over \$425 million dollars in cumulative flood damages through FY 2019.

U.S. Army Corps of Engineers Fiscal Year (FY) Project Appropriations and President's Budget (\$1,000)

Business Line	FY19 O&M Appropriation			FY20 O&M Appropriation			FY21 O&M President's Budget		
	Operation	Maintenance	Total	Operation	Maintenance	Total	Operation	Maintenance	Total
Flood Risk Management	\$1,006	\$187	\$1,193	\$1,053	\$364	\$1,417	\$1,126	\$774	\$1,900
Recreation	\$48	\$10	\$58	\$60	\$10	\$70	\$55		\$55
Environmental Stewardship	\$71	\$53	\$124	\$346	\$38	\$384	\$35	\$108	\$143
Total	\$1,125	\$250	\$1,375	\$1,459	\$412	\$1,871	\$1,216	\$882	\$2,098

In addition to annual appropriations, this project currently has the following maintenance needs in order operate at an optimum level of service and reliability.

Business Line	FY21 Funding Requests for Maintenance (\$1,000)		Maintenance Needs
	Total	Packages \$	
Flood Risk Management	\$408	\$150	Grout Repairs on J. E. Roush Dam
		\$3	Maintenance for Flood Risk Management
		\$30	Boundary and Flowage Easement Maintenance Activities for Flood Risk Mgmt
		\$225	Replace Waterlines
Recreation	\$225	\$225	Replace Waterborne Restroom with Vault Restroom

Additional Information

- Fee Lands: 8,628 acres
- Flowage Easement Lands: 4,133 acres
- Project Boundary Line Marked: 43 miles

Congressional Interests

Senator Mike Braun, R-IN
 Senator Todd Young, R-IN
 Congressman Jim Banks, R-IN-3



**US Army Corps
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Mississinewa Lake

Peru, IN



Project Features

- Authorization: Flood Control Act of 1938.
- Primary project purposes are flood damage reduction, fish and wildlife, and recreation.
- Mississinewa Lake Dam is a dam in Miami County, Indiana, just outside the town of Peru, in the north central part of the state.
- The earthen embankment dam was constructed from 1962 to 1967. The dam has a height of 140 feet, and length 8,000 feet at its crest. It impounds the Mississinewa River for flood risk reduction.
- The reservoir it creates, Mississinewa Lake, has a normal water surface of five square miles, has a maximum capacity of 368,400 acre-feet, and a normal capacity of 75,200 acre-feet.
- The lake exists as a cooperative management effort between the Corps of Engineers and the Indiana Department of Natural Resources. Recreation includes fishing, boating, and swimming. Nearby recreation areas include the Miami State Recreation Area, the Red Bridge State Recreation Area, the Pearson Mill State Recreation Area, and the Frances Slocum State Recreation Area.

Consequences of Not Maintaining the Project

- Failure to adequately fund the flood risk management mission at this facility would result in the project's inability to adequately execute the flood risk management mission as authorized by congress. The consequences could range in severity depending upon the condition of the project, but would ultimately lead to a failure of the structure and a subsequent life safety concern for those in the affected downstream areas.
- Closure of recreational facilities will result in degradation of facilities, negative public reaction and potential Congressional inquiries.



Regional Importance

- The 3,180 acre Mississinewa Lake and surrounding area offers a wide variety of outdoor recreation opportunities. The project averages 676 thousand visitors annually, contributing \$8.26 million dollars to the local economy. This represents a sizable component of the economy in the local community.
- Mississinewa Lake provides flood protection to the Wabash River valley, supplies water to the area's communities, improves the Wabash River's water flow conditions, and offers a habitat for various species of fish and wildlife. The project has prevented over \$644.64 million dollars in cumulative flood damages through FY 2019.

U.S. Army Corps of Engineers Fiscal Year (FY) Project Appropriations and President's Budget (\$1,000)

Business Line	FY19 O&M Appropriation			FY20 O&M Appropriation			FY21 O&M President's Budget		
	Operation	Maintenance	Total	Operation	Maintenance	Total	Operation	Maintenance	Total
Flood Risk Management	\$899	\$194	\$1,093	\$1,011	\$794	\$1,805	\$1,139	\$1,331	\$2,470
Recreation	\$44	\$10	\$54	\$67	\$10	\$77	\$58		\$58
Environmental Stewardship	\$74	\$53	\$127	\$360	\$61	\$421	\$60	\$331	\$391
Total	\$1,017	\$257	\$1,274	\$1,438	\$865	\$2,303	\$1,257	\$1,662	\$2,919

In addition to annual appropriations, this project currently has the following maintenance needs in order operate at an optimum level of service and reliability.

Business Line	FY21 Funding Requests for Maintenance (\$1,000)		Maintenance Needs
	Total	Packages \$	
Flood Risk Management	\$607	\$50	End of Life Cycle Replacement of Electronic Security System Components.
		\$529	Paint Service Bridge to Control Tower
		\$8	Maintenance for Flood Risk Management
		\$20	Boundary and Flowage Easement Maintenance Activities for Flood Risk Mgmt
Recreation	\$100	\$100	Waterlines

Additional Information

- Fee Lands: 15,072 acres
- Flowage Easement Lands: 3,425 acres
- Project Boundary Line Marked: 78 miles

Congressional Interests

Senator Mike Braun, R-IN
 Senator Todd Young, R-IN
 Congresswoman Jackie Walorski, R-IN-2
 Congresswoman Susan Brooks, R-IN-5



**US Army Corps
of Engineers**

Monroe Lake

Bloomington, IN



Project Features

- Authorization: Flood Control Act of 1938.
- Primary project purposes are flood damage reduction, water supply, fish and wildlife, and recreation.
- Lake Monroe is a reservoir located about 10 miles southeast of Bloomington, Indiana. The lake is the largest entirely situated in Indiana with 10,750 acres of water surface area spread over the counties of Monroe and Brown. Capacity varies from 237,000 acre-ft to 347,000 acre-ft depending on water level.
- Construction on the lake began in 1960 and was finished in 1965.
- Monroe Lake exists as a cooperative management effort between the Corps of Engineers and the Indiana Department of Natural Resources. The Corps manages areas around the dam and IDNR manages major recreation facilities under a state park lease. The U.S. Forest Service has one recreation area and owns the adjacent lake shoreline within the Hoosier National Forest.
- Ransburg Scout Reservation, a large Boy Scout camp comprising over 624 acres, is situated along the eastern shore.

Consequences of Not Maintaining the Project

- Failure to adequately fund the flood risk management mission at this facility would result in the project's inability to adequately execute the flood risk management mission as authorized by congress. The consequences could range in severity depending upon the condition of the project, but would ultimately lead to a failure of the structure and a subsequent life safety concern for those in the affected downstream areas.
- Closure of recreational facilities will result in degradation of facilities, negative public reaction and potential Congressional inquiries.



Regional Importance

- Monroe Lake and surrounding area provides abundant fishing throughout the year, and recreational opportunities such as boating and water skiing attract visitors from throughout Indiana and the Midwest. The project averages 991.9 thousand visitors annually, contributing \$11.45 million dollars to the local economy. This represents a sizable component of the economy in the local community.
- Monroe Lake provides flood protection to the Wabash River valley, supplies water to the area's communities, improves the Wabash River's water flow conditions, and offers a habitat for various species of fish and wildlife. The project has prevented over \$111 million dollars in cumulative flood damages through FY 2019.

U.S. Army Corps of Engineers Fiscal Year (FY) Project Appropriations and President's Budget (\$1,000)

Business Line	FY19 O&M Appropriation			FY20 O&M Appropriation			FY21 O&M President's Budget		
	Operation	Maintenance	Total	Operation	Maintenance	Total	Operation	Maintenance	Total
Flood Risk Management	\$970	\$167	\$1,137	\$990	\$100	\$1,090	\$1,093	\$111	\$1,204
Recreation	\$70		\$70	\$70		\$70	\$52		\$52
Environmental Stewardship	\$100	\$59	\$159	\$123	\$51	\$174	\$73	\$41	\$114
Water Supply	\$8		\$8	\$8		\$8	\$8		\$8
Total	\$1,148	\$226	\$1,374	\$1,191	\$151	\$1,342	\$1,226	\$152	\$1,378

In addition to annual appropriations, this project currently has the following maintenance needs in order operate at an optimum level of service and reliability.

Business Line	FY21 Funding Requests for Maintenance (\$1,000)		Maintenance Needs
	Total	Packages \$	
Flood Risk Management	\$38	\$25	Conduct Sedimentation Range Survey at Monroe Lake
		\$3	Maintenance for Flood Risk Management
		\$10	Boundary and Flowage Easement Maintenance Activities for Flood Risk Mgmt

Additional Information

- Fee Lands: 25,121 acres
- Flowage Easement Lands: 1,246 acres
- Project Boundary Line Marked: 210 miles

Congressional Interests

Senator Mike Braun, R-IN
 Senator Todd Young, R-IN
 Congressman Trey Hollingsworth, R-IN-9



**US Army Corps
of Engineers**

Nolin River Lake

Bee Springs, KY



Project Features

- Authorization: Flood Control Act of 1938.
- Primary project purposes are flood risk reduction, water supply, fish and wildlife and recreation.
- Nolin River Lake is a reservoir in Edmonson, Grayson, and Hart counties in Kentucky. The lake varies from 2,890 acres in the winter to 5,795 acres in the summer.
- Construction of the operating tower and outlet works began in January 1959 and was completed in July 1961. Construction of the dam and spillway began in June 1961 and the reservoir was placed in complete operation on March 4th, 1963.
- The Corps, in cooperation with the Commonwealth of Kentucky, manages the land and water for wildlife, fisheries, and recreation. The Corps manages the major recreation areas including approximately 350 campsites, and Kentucky manages a state park lease and a fish and wildlife management area license.
- The lake's staff administers a shoreline management program with over 1,500 shoreline use permits.

Consequences of Not Maintaining the Project

- Failure to adequately fund the flood risk management mission at this facility would result in the project's inability to adequately execute the flood risk management mission as authorized by congress. The consequences could range in severity depending upon the condition of the project, but would ultimately lead to a failure of the structure and a subsequent life safety concern for those in the affected downstream areas.
- Closure of recreational facilities will result in degradation of facilities, negative public reaction and potential Congressional inquiries.



Regional Importance

- Nolin River Lake provides flood protection to the Nolin and Green River valleys, supplies water to the area's communities, improves downstream water flow conditions, and offers a habitat for various species of fish and wildlife.
- The lake offers boating, fishing, swimming, and other recreational activities to the general public. The project averages 1.49 million visitors annually, contributing \$26.48 million dollars to the local economy. This represents a sizable component of the economy in the local community.
- The project has prevented over \$140.46 million dollars in cumulative flood damages through FY 19.

U.S. Army Corps of Engineers Fiscal Year (FY) Project Appropriations and President's Budget (\$1,000)

Business Line	FY19 O&M Appropriation			FY20 O&M Appropriation			FY21 O&M President's Budget		
	Operation	Maintenance	Total	Operation	Maintenance	Total	Operation	Maintenance	Total
Flood Risk Management	\$1,457	\$123	\$1,580	\$1,457	\$376	\$1,833	\$1,609	\$393	\$2,002
Recreation	\$711		\$711	\$628	\$30	\$658	\$639		\$639
Environmental Stewardship	\$470	\$84	\$554	\$594	\$144	\$738	\$330	\$194	\$524
Water Supply	\$8		\$8	\$8		\$8	\$8		\$8
Total	\$2,646	\$207	\$2,853	\$2,687	\$550	\$3,237	\$2,586	\$587	\$3,173

In addition to annual appropriations, this project currently has the following maintenance needs in order operate at an optimum level of service and reliability.

Business Line	FY21 Funding Requests for Maintenance (\$1,000)		Maintenance Needs
	Total	Packages \$	
Flood Risk Management	\$333	\$250	Dam Safety for Flood Risk Mgmt - Piezometer Installation
		\$3	Maintenance for Flood Risk Management
		\$80	Boundary and Flowage Easement Maintenance Activities for Flood Risk Mgmt
Recreation	\$515	\$40	Create Trails - Dam area, Overlook, Tailwater
		\$80	Maintenance of Recreation Features
		\$200	Iberia and Wax Rec Areas Paving
		\$60	Showerhouse Renovation - Wax Campground
		\$100	Moutardier Paving
Environmental Stewardship	\$50	\$35	Wax Rec Area Drainage Ditch Repair
		\$25	Invasive Species Survey
		\$25	Shoreline Restoration

Additional Information

- Fee Lands: 13,404 acres
- Flowage Easement Lands: 4,546 acres
- Project Boundary Line Marked: 221 miles

Congressional Interests

Senator Mitch McConnell, R-KY
 Senator Rand Paul, R-KY
 Congressman Brett Guthrie, R-KY-2



**US Army Corps
of Engineers**

Patoka Lake

Dubois, IN



Project Features

- Authorization: Flood Control Act of 1965.
- Primary project purposes are flood damage reduction, fish and wildlife, and recreation.
- Patoka Lake is the second-largest reservoir in the U.S. state of Indiana (after Lake Monroe) and is spread across Dubois, Crawford, and Orange counties in southern Indiana.
- The lake was created by damming the Patoka River about 118.3 miles above its mouth with a 145-foot-high rockfill earthen dam. The lake is fed by several smaller tributaries including Allen Creek, Paint Creek, and Ritter Creek.
- Created as a joint effort between the US Army Corps of Engineers and the Indiana Department of Natural Resources, the lake is one of eight such reservoirs built in the state to provide a secure water supply and as a method of flood control. The lake covers 8,800 surface acres of water.

Consequences of Not Maintaining the Project

- Failure to adequately fund the flood risk management mission at this facility would result in the project's inability to adequately execute the flood risk management mission as authorized by congress. The consequences could range in severity depending upon the condition of the project, but would ultimately lead to a failure of the structure and a subsequent life safety concern for those in the affected downstream areas.
- Closure of recreational facilities will result in degradation of facilities, negative public reaction and potential Congressional inquiries.



Regional Importance

- Patoka Lake and surrounding area offers a wide variety of outdoor recreation opportunities. The project averages 460 thousand visitors annually, contributing \$6.61 million dollars to the local economy. This represents a sizable component of the economy in the local community.
- Patoka Lake provides flood protection to the Patoka River valley, supplies water to the area's communities, improves the Patoka River's water flow conditions, and offers a habitat for various species of fish and wildlife. The project has prevented over \$297.52 million dollars in cumulative flood damages through FY 2019.

U.S. Army Corps of Engineers Fiscal Year (FY) Project Appropriations and President's Budget (\$1,000)

Business Line	FY19 O&M Appropriation			FY20 O&M Appropriation			FY21 O&M President's Budget		
	Operation	Maintenance	Total	Operation	Maintenance	Total	Operation	Maintenance	Total
Flood Risk Management	\$1,063	\$293	\$1,356	\$931	\$78	\$1,009	\$1,001	\$38	\$1,039
Recreation	\$20		\$20	\$65		\$65	\$49		\$49
Environmental Stewardship	\$78	\$36	\$114	\$93	\$36	\$129	\$53	\$38	\$91
Water Supply	\$8		\$8	\$8		\$8	\$8		\$8
Total	\$1,169	\$329	\$1,498	\$1,097	\$114	\$1,211	\$1,111	\$76	\$1,187

In addition to annual appropriations, this project currently has the following maintenance needs in order operate at an optimum level of service and reliability.

Business Line	FY21 Funding Requests for Maintenance (\$1,000)		Maintenance Needs
	Total	Packages \$	
Flood Risk Management	\$155	\$10	Boundary and Flowage Easement Maintenance Activities for Flood Risk Mgmt
		\$25	Replace Heating System
		\$120	Maintenance for Flood Risk Management

Additional Information

- Fee Lands: 26,321 acres
- Flowage Easement Lands: 230 acres
- Project Boundary Line Marked: 120 miles

Congressional Interests

Senator John Donnelly, D-IN
 Senator Todd Young, R-IN
 Congressman Trey Hollingsworth, R-IN-9
 Congressman Larry Bucshon, R-IN-8



**US Army Corps
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Rough River Lake

Falls of Rough, KY



Project Features

- Authorization: Flood Control Act of 1938.
- Primary project purposes are flood risk reduction, water supply, fish and wildlife and recreation.
- Rough River Lake is a 5,100-acre reservoir in Breckinridge, Grayson, and Hardin counties in Kentucky about 95 miles southwest of Louisville.
- Rough River Lake Dam, completed in 1959, is a 132-foot-high earthen embankment dam impounding a maximum capacity of 334,400 acre-feet.
- The Corps, in cooperation with the Commonwealth of Kentucky, manages the land and water for wildlife, fisheries, and recreation. The Corps manages the major recreation areas including approximately 370 campsites, and Kentucky manages a state park lease and a fish and wildlife management area license.
- The lake's staff administers a shoreline management program with over 3,989 shoreline use permits.

Consequences of Not Maintaining the Project

- Failure to adequately fund the flood risk management mission at this facility would result in the project's inability to adequately execute the flood risk management mission as authorized by congress. The consequences could range in severity depending upon the condition of the project, but would ultimately lead to a failure of the structure and a subsequent life safety concern for those in the affected downstream areas.
- Closure of recreational facilities will result in degradation of facilities, negative public reaction and potential Congressional inquiries.



Regional Importance

- Rough River Lake provides flood protection to the Rough River valley, supplies water to the area's communities, improves downstream water flow conditions, and offers a habitat for various species of fish and wildlife.
- The lake offers boating, fishing, swimming, and other recreational activities to the general public. The project averages 1.779 million visitors annually, contributing \$31 million dollars to the local economy. This represents a sizable component of the economy in the local community.
- The project has prevented over \$293.4 million dollars in cumulative flood damages through FY 19.

U.S. Army Corps of Engineers Fiscal Year (FY) Project Appropriations and President's Budget (\$1,000)

Business Line	FY19 O&M Appropriation			FY20 O&M Appropriation			FY21 O&M President's Budget		
	Operation	Maintenance	Total	Operation	Maintenance	Total	Operation	Maintenance	Total
Flood Risk Management	\$1,615	\$718	\$2,333	\$1,774	\$262	\$2,036	\$1,980	\$159	\$2,139
Recreation	\$681		\$681	\$668	\$30	\$698	\$642		\$642
Environmental Stewardship	\$254	\$182	\$436	\$299	\$360	\$659	\$299	\$360	\$659
Water Supply	\$11		\$11	\$11		\$11	\$11		\$11
Total	\$2,561	\$900	\$3,461	\$2,752	\$652	\$3,404	\$2,932	\$519	\$3,451

In addition to annual appropriations, this project currently has the following maintenance needs in order operate at an optimum level of service and reliability.

Business Line	FY21 Funding Requests for Maintenance (\$1,000)		Maintenance Needs
	Total	Packages \$	
Flood Risk Management	\$50	\$25	Conduct Sedimentation Range Survey at Rough River Lake
		\$3	Maintenance for Flood Risk Management
		\$22	Boundary and Flowage Easement Maintenance Activities for Flood Risk Mgmt
Recreation	\$1,843	\$90	Cave Creek and North Fork Campgrounds - Repairing drop-offs along road edges.
		\$95	Maintenance of Recreation Features
		\$263	Public Road Raising of a 24 ft X 100 ft section of roadway within the Axtel Campground
		\$350	Replacement of 1 shower house and removal of 2 flush facilities in North Fork Campground
		\$980	Replacement of three shower houses and removal of one flush facility in Axtel campground
		\$65	Replace Structurally Failing Restroom at North Fork Day Use Area Boat Ramp

Additional Information

- Fee Lands: 9,312 acres
- Flowage Easement Lands: 4,526 acres
- Project Boundary Line Marked: 266 miles

Congressional Interests

- Senator Mitch McConnell, R-KY
- Senator Rand Paul, R-KY
- Congressman James Comer, R-KY-1
- Congressman Brett Guthrie, R-KY-2



**US Army Corps
of Engineers**

Salamonie Lake

Lagro, IN



Project Features

- Authorization: Flood Control Act of 1938.
- Primary project purposes are flood damage reduction, fish and wildlife, and recreation.
- Salamonie Dam is a dam in Wabash County, Indiana. The earthen and rockfill dam was constructed in 1965 and has a height of 133 feet and length of 6,100 feet at its crest. It impounds the Salamonie River for flood control.
- The reservoir it creates, Salamonie Lake, has a normal water surface of 2,665 acres and a maximum capacity of 263,600 acre-feet; the total project encompasses 11,958 acres of land and water.
- The lake exists as a cooperative management effort between the Corps of Engineers and the Indiana Department of Natural Resources. Recreation includes boating, swimming and fishing for white crappie, channel catfish, white bass, and walleye. The state also operates the adjacent Salamonie River State Forest, Mt. Hope State Recreation Area, Dora New Holland State Recreation Area, Lost Bridge State Recreation Area, and Mt. Etna State Recreation Area.

Consequences of Not Maintaining the Project

- Failure to adequately fund the flood risk management mission at this facility would result in the project's inability to adequately execute the flood risk management mission as authorized by congress. The consequences could range in severity depending upon the condition of the project, but would ultimately lead to a failure of the structure and a subsequent life safety concern for those in the affected downstream areas.
- Closure of recreational facilities will result in degradation of facilities, negative public reaction and potential Congressional inquiries.



Regional Importance

- Salamonie Lake and surrounding area offers a wide variety of outdoor recreation opportunities. The project averages over 522 thousand visitors annually, contributing \$6.88 million dollars to the local economy. This represents a sizable component of the economy in the local community.
- The lake operates primarily as a unit with J. Edward Roush and Mississinewa lakes to provide flood protection to the Upper Wabash River valley. It also supplies water to the area's communities, improves the Wabash River's water flow conditions, and offers a habitat for various species of fish and wildlife. The project has prevented over \$531 million dollars in cumulative flood damages through FY 2019.

U.S. Army Corps of Engineers Fiscal Year (FY) Project Appropriations and President's Budget (\$1,000)

Business Line	FY19 O&M Appropriation			FY20 O&M Appropriation			FY21 O&M President's Budget		
	Operation	Maintenance	Total	Operation	Maintenance	Total	Operation	Maintenance	Total
Flood Risk Management	\$1,041	\$105	\$1,146	\$947	\$3,545	\$4,492	\$1,084	\$2,145	\$3,229
Recreation	\$37	\$10	\$47	\$74	\$10	\$84	\$56		\$56
Environmental Stewardship	\$67	\$53	\$120	\$349	\$36	\$385	\$147	\$75	\$222
Total	\$1,145	\$168	\$1,313	\$1,370	\$3,591	\$4,961	\$1,287	\$2,220	\$3,507

In addition to annual appropriations, this project currently has the following maintenance needs in order operate at an optimum level of service and reliability.

Business Line	FY21 Funding Requests for Maintenance (\$1,000)		Maintenance Needs
	Total	Packages \$	
Flood Risk Management	\$4,362	\$1,500	Bank Stabalization Tract #1302
		\$150	Guardrail replacement
		\$3	Maintenance for Flood Risk Management
		\$529	Paint Service Bridge to Control Tower
		\$500	Repair Toe Drains, Gutters, and Scour Hole - Phase 2 of 4
		\$580	Replace 20 Ton Hoist in Control Tower
		\$350	Replacement of project HVAC systems
		\$750	Repair Retreat Channel Sides, Right Bank, and Access Stairs - Phase 4 of 4

Additional Information

- Fee Lands: 11,958 acres
- Flowage Easement Lands: 3,064 acres
- Project Boundary Line Marked: 66 miles

Congressional Interests

Senator John Donnelly, D-IN
 Senator Todd Young, R-IN
 Congressman Jim Banks, R-IN-3
 Congresswoman Jackie Walorski, R-IN-2



**US Army Corps
of Engineers**

Taylorsville Lake

Taylorsville, KY



Project Features

- Authorization: Flood Control Act of 1938.
- Primary project purposes are flood risk reduction, fish and wildlife and recreation.
- Taylorsville Lake is a 3,050 acre reservoir located on the Salt River mainly in Spencer County, Kentucky. Construction of the dam started in 1974, with impoundment in January 1983.
- Taylorsville Lake Dam is an earthen embankment structure 162 feet high and 1,280 feet long at its crest. Its reservoir has a maximum capacity of 291,670 acre-feet.
- The Corps, in cooperation with the Commonwealth of Kentucky, manages the land and water for wildlife, fisheries, and recreation. The Corps manages areas around the dam. Kentucky's Taylorsville Lake State Park is located on the lake's northern shore and is operated under a state park lease. The KY Dept. of Fish and Wildlife Resources also manage lands and waters under a wildlife management area lease.
- There is one commercial marina on Taylorsville Lake and one commercial resort with cabins that can be rented.

Consequences of Not Maintaining the Project

- Failure to adequately fund the flood risk management mission at this facility would result in the project's inability to adequately execute the flood risk management mission as authorized by congress. The consequences could range in severity depending upon the condition of the project, but would ultimately lead to a failure of the structure and a subsequent life safety concern for those in the affected downstream areas.
- Closure of recreational facilities will result in degradation of facilities, negative public reaction and potential Congressional inquiries.



Regional Importance

- Taylorsville Lake provides flood protection to the Salt River valley, improves downstream water flow conditions, and offers a habitat for various species of fish and wildlife.
- The lake offers boating, fishing, swimming, and other recreational activities to the general public. The project averages 372 thousand visitors annually, contributing \$7 million dollars to the local economy. This represents a sizable component of the economy in the local community.
- The project has prevented over \$129 million dollars in cumulative flood damages through FY 19.

U.S. Army Corps of Engineers Fiscal Year (FY) Project Appropriations and President's Budget (\$1,000)

Business Line	FY19 O&M Appropriation			FY20 O&M Appropriation			FY21 O&M President's Budget		
	Operation	Maintenance	Total	Operation	Maintenance	Total	Operation	Maintenance	Total
Flood Risk Management	\$801	\$138	\$939	\$818	\$141	\$959	\$857	\$443	\$1,300
Recreation	\$80		\$80	\$82		\$82	\$78		\$78
Environmental Stewardship	\$75	\$54	\$129	\$90	\$35	\$125	\$272	\$210	\$482
Total	\$956	\$192	\$1,148	\$990	\$176	\$1,166	\$1,207	\$653	\$1,860

In addition to annual appropriations, this project currently has the following maintenance needs in order operate at an optimum level of service and reliability.

Business Line	FY21 Funding Requests for Maintenance (\$1,000)		Maintenance Needs
	Total	Packages \$	
Flood Risk Management	\$188	\$150	Dam Safety for Flood Risk Mgmt - Piezometer Installation
		\$3	Maintenance for Flood Risk Management
		\$10	Boundary and Flowage Easement Maintenance Activities for Flood Risk Mgmt
		\$25	Sedimentation Range survey
Recreation	\$6	\$6	Maintenance of Recreation Features

Additional Information

- Fee Lands: 15,143 acres
- Flowage Easement Lands: 508 acres
- Project Boundary Line Marked: 102 miles

Congressional Interests

- Senator Mitch McConnell, R-KY
- Senator Rand Paul, R-KY
- Congressman Brett Guthrie, R-KY-2
- Congressman Thomas Massie, R-KY-4
- Congressman Andy Barr, R-KY-6



**US Army Corps
of Engineers**

West Fork Lake

Cincinnati, OH



Project Features

- Authorization: Flood Control Act of 1946.
- Primary project purposes are flood risk reduction, fish and wildlife and recreation.
- West Fork Lake (better known locally as Winton Woods Lake) was authorized under the Flood Control Act of 1946. The Louisville District of the U.S. Army Corps of Engineers designed, built, and operates the project to reduce flood damages downstream from the dam. The dam is 6.5 miles above the confluence with Mill Creek.
- West Fork Lake is a great way to experience nature in the middle of Cincinnati. The 183 acre lake provides flood reduction and a whole lot more. West Fork Lake exists as a cooperative management effort between the Corps of Engineers and the Great Parks of Hamilton County, and offers a wide variety of recreational facilities. At West Fork Lake visitors can enjoy boating, camping, fishing, golfing/frisbee golfing, hiking/biking, and horseback riding stables.
- The Corps manages the areas around the dam and the Great Parks of Hamilton County manages major recreation facilities under a public park and recreation lease.



Regional Importance

- The West Fork reservoir offers many opportunities to enjoy wildlife or recreate in the great outdoors. The project averages 747 thousand visitors annually, contributing \$10.8 million dollars to the local economy. This represents a sizable component of the economy in the local community.
- The project has prevented over \$129.87 million dollars in accumulative flood damages through FY 2019.

Consequences of Not Maintaining the Project

- Failure to adequately fund the flood risk management mission at this facility would result in the project's inability to adequately execute the flood risk management mission as authorized by congress. The consequences could range in severity depending upon the condition of the project, but would ultimately lead to a failure of the structure and a subsequent life safety concern for those in the affected downstream areas.
- Closure of recreational facilities will result in degradation of facilities, negative public reaction and potential Congressional inquiries.

U.S. Army Corps of Engineers Fiscal Year (FY) Project Appropriations and President's Budget (\$1,000)

Business Line	FY19 O&M Appropriation			FY20 O&M Appropriation			FY21 O&M President's Budget		
	Operation	Maintenance	Total	Operation	Maintenance	Total	Operation	Maintenance	Total
Flood Risk Management	\$697	\$1,593	\$2,290	\$805	\$305	\$1,110	\$729	\$160	\$889
Recreation	\$16		\$16	\$36		\$36	\$45		\$45
Environmental Stewardship	\$47	\$59	\$106	\$22	\$34	\$56	\$23	\$26	\$49
Total	\$760	\$1,652	\$2,412	\$863	\$339	\$1,202	\$797	\$186	\$983

In addition to annual appropriations, this project currently has the following maintenance needs in order operate at an optimum level of service and reliability.

Business Line	FY21 Funding Requests for Maintenance (\$1,000)		Maintenance Needs
	Total	Packages \$	
Flood Risk Management	\$726	\$50	End of Life Cycle Replacement of Electronic Security System Components.
		\$80	Installation of an Equipment Storage Structure (Pole Barn)
		\$61	Maintenance for Flood Risk Management
		\$10	Boundary and Flowage Easement Maintenance Activities for Flood Risk Mgmt
		\$105	Remove Rock from Spillway Bucket
		\$20	Replacement Lighting at Control Tower Retrofitting to LED
		\$400	Repair/Replace Float Well Flushing Valve (Raw Water Intake at Control Tower)
Recreation	\$32	\$32	Maintenance for Recreation

Additional Information

- Fee Lands: 1,345 acres
- Flowage Easement Lands: 41 acres
- Project Boundary Line Marked: 13 miles

Congressional Interests

Senator Sherrod Brown, D-OH
 Senator Rob Portman, R-OH
 Congressman Steve Chabot, R-OH-1
 Congressman Brad Wenstrup, R-OH-2



**US Army Corps
of Engineers**

William H. Harsha Lake

Batavia, OH



Project Features

- Authorization: Flood Control Act of 1938.
- Primary project purposes are flood risk reduction, fish and wildlife and recreation.
- William H. Harsha Lake (also known as East Fork) situated in Clermont County in southwestern Ohio, about 25 miles east of Cincinnati. The large earthen dam and smaller saddle dams are about four miles south of Batavia, Ohio, on the East Fork of the Little Miami River.
- William H. Harsha exists as a cooperative management effort between the Corps of Engineers and the Ohio Department of Natural Resources - Divisions of Parks and Recreation, Watercraft, and Wildlife. A variety of other partnerships play important roles in the management of the 10,000 plus acres of public lands at William H. Harsha Lake.
- The Corps manages the areas around the dam and the ODNR manages major recreation facilities under a state park lease.



Regional Importance

- The 2,160 acre William H. Harsha reservoir and East Fork State Park offer outstanding boating, hiking, hunting, fishing, camping and other outdoor recreation activities. The state park is home to many junior and collegiate rowing races, including the US Rowing Youth National Championships. The project averages 661 thousand visitors annually, contributing \$8.4 million dollars to the local economy. This represents a sizable component of the economy in the local community.
- The project has prevented over \$136 million dollars in cumulative flood damages through FY 2019.

Consequences of Not Maintaining the Project

- Failure to adequately fund the flood risk management mission at this facility would result in the project's inability to adequately execute the flood risk management mission as authorized by congress. The consequences could range in severity depending upon the condition of the project, but would ultimately lead to a failure of the structure and a subsequent life safety concern for those in the affected downstream areas.
- Closure of recreational facilities will result in degradation of facilities, negative public reaction and potential Congressional inquiries.

U.S. Army Corps of Engineers Fiscal Year (FY) Project Appropriations and President's Budget (\$1,000)

Business Line	FY19 O&M Appropriation			FY20 O&M Appropriation			FY21 O&M President's Budget		
	Operation	Maintenance	Total	Operation	Maintenance	Total	Operation	Maintenance	Total
Flood Risk Management	\$1,322	\$1,040	\$2,362	\$1,099	\$882	\$1,981	\$1,088	\$393	\$1,481
Recreation	\$134		\$134	\$178		\$178	\$147		\$147
Environmental Stewardship	\$109	\$46	\$155	\$364	\$64	\$428	\$76	\$40	\$116
Water Supply	\$8		\$8	\$8		\$8	\$8		\$8
Total	\$1,573	\$1,086	\$2,659	\$1,649	\$946	\$2,595	\$1,319	\$433	\$1,752

In addition to annual appropriations, this project currently has the following maintenance needs in order operate at an optimum level of service and reliability.

Business Line	FY21 Funding Requests for Maintenance (\$1,000)		Maintenance Needs
	Total	Packages \$	
Flood Risk Management	\$432	\$320	Bridge Painting and Rocker Replacement
		\$62	Maintenance for Flood Risk Management
		\$50	Removal of Radio Tower at Project Office
Recreation	\$55	\$55	Maintenance for Recreation
Environmental Stewardship	\$28	\$28	Maintenance for Environmental Stewardship

Additional Information

- Fee Lands: 10,566 acres
- Flowage Easement Lands: 125 acres
- Project Boundary Line Marked: 33 miles

Congressional Interests

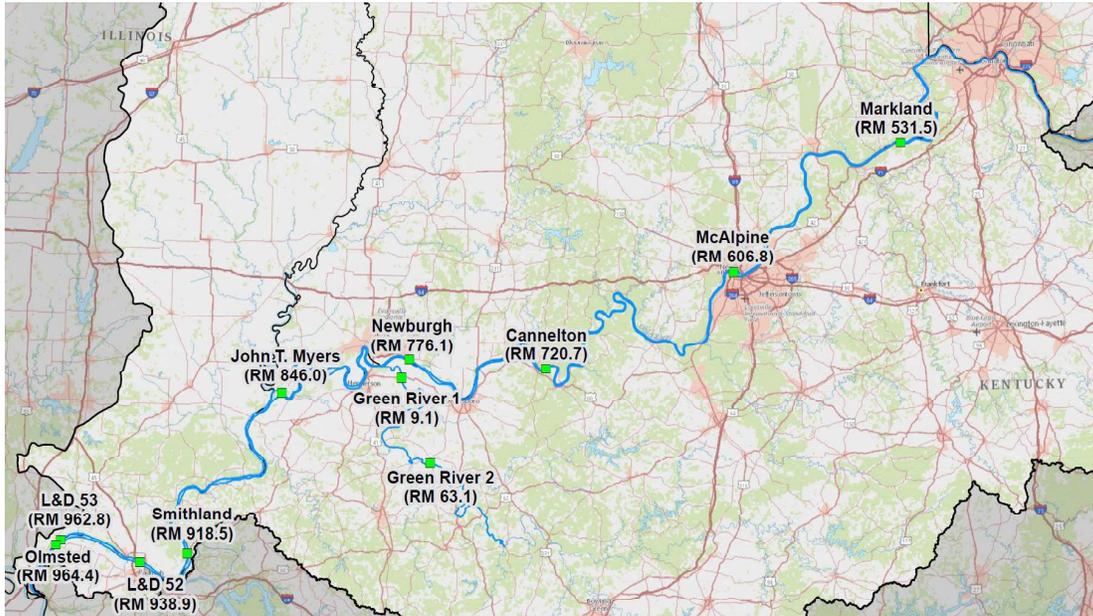
Senator Sherrod Brown, D-OH
 Senator Rob Portman, R-OH
 Congressman Brad Wenstrup, R-OH-2



US Army Corps of Engineers®

Ohio River Locks and Dams

Louisville District



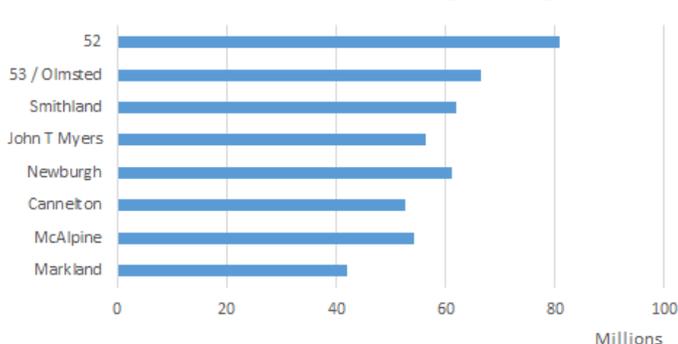
Basin Characteristics

- The Ohio River system within the Louisville District is managed through a series of 8 locks and dams owned and operated by the U.S. Army Corps of Engineers. The breadth of the Louisville District portion of the Ohio River begins at downstream side of Meldahl Locks and Dam in Felicity, OH at River Mile 438 to Cairo, IL at River Mile 980.
- Completed in 1929 Locks and Dam 52 & 53 are remnants of the original Ohio River Navigation system. These two locks will be replaced by Olmsted Locks and Dam.

Regional Importance

- The Ohio River is part of the nation's Inland Waterway System. These interconnected river routes serve to strategically link geographic areas, major markets, suppliers of raw materials, processors and consumers.
- Navigation has contributed greatly to the economic and industrial development of the Ohio River Valley as a whole. The economies of PA, WV, OH, IN, KY, IL and beyond would not be as dynamic as they are today, were it not for the Ohio River.
- Because one barge can transport as much cargo as 15 rail cars and 60 tractor-trailers, waterway transportation benefits the environment. It reduces fuel consumption and emissions, and makes roads safer by keeping more trucks off the highway.
- Every year the locks provide passage for over 66.7 million tons of goods including grain, steel, chemicals, petroleum, and even products for our nation's defense.

2018 LRL Ohio River Lockage Tonnage



U.S. Army Corps of Engineers Fiscal Year (FY) Project Appropriations and President's Budget (\$1,000)

Business Line	FY19 O&M Appropriation			FY20 O&M Appropriation			FY21 O&M President's Budget		
	Operation	Maintenance	Total	Operation	Maintenance	Total	Operation	Maintenance	Total
Navigation	\$18,429	\$28,827	\$47,256	\$12,819	\$55,638	\$68,457	\$13,402	\$37,107	\$50,509
Recreation			\$0			\$0			\$0
Environmental Stewardship	\$75		\$75	\$42	\$26	\$68	\$42	\$26	\$68
Total	\$18,504	\$28,827	\$47,331	\$12,861	\$55,664	\$68,525	\$13,444	\$37,133	\$50,577

In addition to annual appropriations, this project currently has the following maintenance needs in order operate at an optimum level of service and reliability.

Business Line	FY21 Funding Requests for Maintenance (\$1,000)		Maintenance Needs
	Total	Packages \$	
Navigation	\$1,991	\$120	Boundary Monumentation and Rectification for Navigation
		\$876	Maintenance for Navigation
		\$995	Fabricate Floating Mooring Bitt Dewatering Box

Locks and Dams	River Mile	Lock Dimensions in Feet		Crest of Dam	Upper Pool Elev.	Put Into Operation
Markland	531.5	Main:	110 x 1,200	Gated	455.0	1959
		Auxiliary:	110 x 600			
McAlpine	604.5	Main:	110 x 1,200	Gated	420.0	1920
		Auxiliary:	110 x 1,200			
Cannelton	720.7	Main:	110 x 1,200	Gated	383.0	1967
		Auxiliary:	110 x 600			
Newburgh	776.1	Main:	110 x 1,200	Gated	358.0	1975
		Auxiliary:	110 x 600			
J.T. Myers	846	Main:	110 x 1,200	Gated	342.0	1977
		Auxiliary:	110 x 600			
Smithland	918.5	Main:	110 x 1,200	Gated	324.0	1980
		Auxiliary:	110 x 1,200			
Olmsted	963	Main:	110 x 1,200	Wicket and Fixed Weir	302.0	2018
		Auxiliary:	110 x 1,200			



**US Army Corps
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Cannelton Locks and Dam

Ohio River, Cannelton, IN



Project Features

- The project was approved as a replacement for existing Locks and Dam 43,44, and 45 on 27 January 1960 by the Secretary of the Army under authority of Section 6 of the Rivers and Harbor Act approved 3 March 1909, amended.
- High lift navigation dam with two locks.
- The dam is a non-navigable gated crest type structure, length, 1,395'. There is a low concrete weir, length 195' and a 464' quarry stone fill and sheet pile cutoff wall terminating on the Kentucky shore. The gated section has 12 tainer gates supported by concrete piers. The gates are 100' long and 42' high, with an operating radius of 64'.
- Two adjacent parallel lock chambers are located along the Indiana shore, the main lock chamber having clear dimensions of 110' x 1,200' and the auxiliary lock 110' x 600'.
- Normal upper pool elevations is 383.0' mean sea level; normal lower pool elevation is 358.0' mean sea level.



Regional Importance

- The project completion in 1983 provided boat ramps at eight access sites around the area.
- Operating under license granted by the Federal Energy Regulatory Commission, AMP, generates approximately 84 MW servicing about 50,000 homes using 3 hydro-power generator units.
- Average 3 year tonnage 52,868,678

Consequences of Not Maintaining the Project

- Failure to provide adequate funding to maintain this facility will have significant effects to the local and regional economy including: increased transportation costs and delays in the shipment of raw materials.

In addition to annual appropriations, this project currently has the following maintenance needs in order operate at an optimum level of service and reliability.

Business Line	FY21 Funding Requests for Maintenance (\$1,000)		Maintenance Needs
	Total	Packages \$	
Navigation	\$17,982	\$100	Replace Tainter Gate Encoders at Cannelton Locks and Dam
		\$180	Repave Maintenance Shop Parking Lot at Cannelton Locks and Dam
		\$220	Repair Fixed Weir Cells at Cannelton Locks and Dam
		\$6,030	Repair Dam Stilling Basins at Cannelton Locks and Dam
		\$3,000	Repair Dam Service Bridge at Cannelton Locks and Dam
		\$102	Life Safety Signs for Cannelton Lock and Dam
		\$690	Repair and Replace Lock Controls at Cannelton Locks and Dam
		\$1,320	Install Guard Cell at Cannelton Locks and Dam
		\$1,100	Inspect Tainter Gate Wire Rope at Cannelton Locks and Dam
		\$1,000	Replace Dam Tainter Gate Skin Sheets at Cannelton Locks and Dam
		\$4,240	Repair Culvert Valves at Cannelton Locks and Dam

Additional Information

- 2019 tonnage (in thousands) : 51,783
- National Rank (2018): 8
- Current Miter Gate In Service Date: 1973
- Projected Year Lock Miter Gates Reach "F" Condition:
Main: Downstream: 2017 Upstream: 2017
Auxiliary: Downstream: 2025 Upstream: 2025
- Projected Miter Gate Replacement:
Main : Downstream: 2018 Upstream: 2018
Auxiliary: Downstream: 2032 Upstream: 2032
- Fee Lands: 743 acres
- Flowage Easement Lands: 3,573 acres
- Project Boundary Line Marked: 0

Congressional Interests

- Senator Mike Braun, R-IN
- Senator Todd Young, R-IN
- Congressman Larry Bucshon, M.D., R-IN-8
- Senator Mitch McConnell, R-KY
- Senator Rand Paul, R-KY
- Congressman Brett Guthrie, R-KY-2



**US Army Corps
of Engineers®**

John T. Myers Locks and Dam

Ohio River, Mount Vernon, IN



Project Features

- The project was authorized as a replacement for Locks and Dam 47, 48, and 49 on 17 September 1958 by the Secretary of the Army.
- High lift navigation dam with two locks.
- The dam consists of a gated section 1,256' long, a fixed weir section, 2,239' long and a short, quarry stone fill and sheet pile cutoff terminating on the Kentucky shore. The gates section has ten tainter gates, each gate is 110' long x 32' high.
- Two adjacent parallel lock chambers are located on the Indiana side. The main chambers with clear dimensions of 110' x 1,200' and an auxiliary lock of 110' x 600'.
- Normal upper pool elevation is 342.0' mean sea level; normal lower pool elevation is 324.0' mean sea level; normal lift 22.0'



Regional Importance

- Reduction of annual channel maintenance dredging formerly required in low lift pools.
- The deeper, wider and more stable pool formed by the Newburgh Locks and Dams permits more efficient operations of towboats and enhances the efficiency of terminal operations in the area.
- The facility has an area that is dedicated to public use for picnics.
- Average 3 year tonnage 51,437,187

Consequences of Not Maintaining the Project

- Failure to provide adequate funding to maintain this facility will have significant effects to the local and regional economy including: increased transportation costs and delays in the shipment of raw materials.

In addition to annual appropriations, this project currently has the following maintenance needs in order operate at an optimum level of service and reliability.

Business Line	FY21 Funding Requests for Maintenance (\$1,000)		Maintenance Needs
	Total	Packages \$	
Navigation	\$16,386	\$500	Design New Miter Gates for John T Myers Locks and Dam, Primary Chamber
		\$236	Life Safety Signs for JT Myers Lock and Dam
		\$690	Repair Dam Emergency Bulkheads at John T Myers Locks and Dam
		\$4,000	Repair Dam Trunnion Pins at John T Myers Locks and Dam
		\$690	Replace and Repair Lock and Dam Control System at John T Myers Locks and Dam
		\$2,580	Replace Deteriorating Framing on the Tainter Gates at John T Myers Locks and Dam
		\$260	Replace Hydraulic Cylinder on Culvert Valve at John T. Myers Locks and Dam
		\$600	Replace Motor Control Center at JT Myers Locks and Dam
		\$1,790	Replace Tainter Gate Cable Connections at John T Myers Locks and Dam
		\$5,040	Replace Project Workboat at John T Myers Locks and Dam

Additional Information

- 2019 tonnage (in thousands) : 54,394
- National Rank (2018): 9
- Current Miter Gate In Service Date: 1972
- Projected Year Lock Miter Gates Reach "F" Condition:
Main: Downstream: 2018 Upstream: 2018
Auxiliary: Downstream: 2023 Upstream: 2023
- Projected Miter Gate Replacement:
Main : Downstream: 2019 Upstream: 2019
Auxiliary: Downstream: 2029 Upstream: 2029
- Fee Lands: 7,900 acres
- Flowage Easement Lands: 3,708 acres
- Project Boundary Line Marked: 0

Congressional Interests

- Senator Mike Braun, R-IN
- Senator Todd Young, R-IN
- Congressman Larry Bucshon, M.D., R-IN-8
- Senator Mitch McConnell, R-KY
- Senator Rand Paul, R-KY
- Congressman James Comer R-KY-1



**US Army Corps
of Engineers**

Markland Locks and Dam

Ohio River, Florence, IN



Project Features

- Project approved by the Secretary of the Army on 11 March 1953 under the authority of the Section 6 of the River and Harbor Act approved 3 March 1909, as replacement for five obsolete locks and dams.
- High lift navigation dam with two locks.
- The Dam is a non-navigable gated-crest type structure, length 1,395 feet consisting of 12 tainter gates.
- Each gate is 100 feet long and 42 feet high, with operating hands radius of 64 feet. In 1977, the five submergible gates were converted to non-submergible, making all 12 gates non-submergible.
- Two adjacent parallel lock chambers are located along the Kentucky shore, the main lock chamber having clear dimensions of 110' x 1,200' and the auxiliary lock 110' x 600'.
- Normal upper pool elevation is 455.0 feet mean sea level; normal lower pool elevation is 420.0 feet mean sea level; and normal life is 35.0 feet.

Consequences of Not Maintaining the Project

- Failure to provide adequate funding to maintain this facility will have significant effects to the local and regional economy including: increased transportation costs and delays in the shipment of raw materials.
- Failure to maintain the project will result in loss of access of Indiana State Highway 156 and U.S. Highway 42 in Kentucky.



Regional Importance

- Under license granted by the Federal Power Commission, the Public Service Company of Indiana has completed construction of a run-of-river hydroelectric power plant at Markland Dam. Capacity of the plant is 81,000 kva. Operation of the plant is fully compatible with other purposes of the Markland project.
- Indiana State Highway 156 and U.S. Highway 42 in Kentucky are connected by the bridge over Markland Dam, which was completed in August 1978.
- Average 3 year tonnage 40,515,556

In addition to annual appropriations, this project currently has the following maintenance needs in order operate at an optimum level of service and reliability.

Business Line	FY21 Funding Requests for Maintenance (\$1,000)		Maintenance Needs
	Total	Packages\$	
Navigation	\$39,613	\$3,000	Sandblast and Paint Dam Emergency Bulkheads at Markland Locks and Dam
		\$3,000	Resurface Highway Bridge Deck at Markland Locks and Dam
		\$2,832	Replace Handrail and Machinery Guards on Dam at Markland Locks and Dam
		\$4,500	Replace Dam Emergency Bulkheads at Markland Locks and Dam
		\$6,325	Repair Upstream Miter Gate at Markland Locks and Dam, Auxiliary Chamber
		\$818	Repair Primary Chamber Emergency Gate at Markland Locks and Dam
		\$3,800	Repair Mooring Bitt Tracks at Markland Locks and Dam, Primary Chamber
		\$3,500	Repair Failed Line Shaft Supports at Markland Locks and Dam
		\$6,325	Repair Downstream Miter Gate at Markland Locks and Dam, Auxiliary Chamber
		\$213	Repair Crack in Wall Monolith at Markland Lock & Dam.
		\$200	Hydraulic Lock Control Repairs at Markland Locks and Dam
		\$5,040	Replace Project Workboat at Markland Locks and Dam
		\$60	Life Safety Signs for Markland Lock and Dam

Additional Information

- 2019 tonnage (in thousands) : 41,908
- National Rank (2018): 11
- Current Miter Gate In Service Date: 1972
- Projected Year Lock Miter Gates Reach "F" Condition:
Main: Downstream: 2012 Upstream: 2012
Auxiliary: Downstream: 2023 Upstream: 2023
- Projected Miter Gate Replacement:
Main : Downstream: 2080 Upstream: 2081
Auxiliary: Downstream: 2031 Upstream: 2029
- Fee Lands: 631 acres
- Flowage Easement Lands: 11,444 acres
- Project Boundary Line Marked: 0

Congressional Interests

Senator Mike Braun, D-IN
 Senator Todd Young, R-IN
 Congressman Greg Pence, R-IN-6
 Senator Mitch McConnell, R-KY
 Senator Rand Paul, R-KY
 Congressman Thomas Massie, R-KY-4



**US Army Corps
of Engineers®**

McAlpine Locks and Dam

Louisville, KY



Project Features

- Original authority for the project was obtained under Section 6 of the River and Harbor Act of 1909. Authorization for the existing 1,200' lock and the fixed and operating dam was obtained in the River and Harbor Act of 1958. Authorization for the additional 1,200' lock was obtained in the Water and Resource Development Act of 1990.
- High lift navigation dam with two locks and a non-Federal hydroelectric facility
- Two adjacent parallel lock chamber are located along the Kentucky shore. Both chambers have a clear dimension of 1,200' x 110'.
- The dam is a non-navigable gate controlled structure. It consists of fixed weir and pier sections, with crest rising from elevation 422 at the lower end to elevation 423 at the cross river leg.
- Normal upper pool elevation is 420.0 feet mean sea level. The normal lower pool is 383.0 mean sea level.

Consequences of Not Maintaining the Project

- Failure to provide adequate funding to maintain this facility will have significant effects to the local and regional economy including: increased transportation costs and delays to the shipment of raw materials.
- Closure of the pollinator planting on 1.5 acres of improved habitat will negatively effect bees, butterflies and other pollinators.
- Failure to maintain the project will result in loss of access to the fossil beds located at the Falls of the Ohio.



Regional Importance

- All federal lands relating to the McAlpine project have been designated as Wildlife Conservation Area under direct control of the U.S. Army Corps of Engineers.
- Operating under license granted by the Federal Energy Regulatory Commission, the Louisville Gas and Electric Company generates approximately 108,000 KVA by run-of-river.
- Authorized under the Energy and Water Development Act of 1986, the Louisville Belvedere Connector project, located at the mouth of the Louisville waterfront and Canal River Mile 604, provides handicapped and pedestrian access between the Louisville waterfront and the downtown Belvedere Plaza.
- Average 3 year tonnage 53,480,910

In addition to annual appropriations, this project currently has the following maintenance needs in order operate at an optimum level of service and reliability.

Business Line	FY21 Funding Requests for Maintenance (\$1,000)		Maintenance Needs
	Total	Packages \$	
Navigation	\$4,535	\$200	Life Safety Signs for McAlpine Lock and Dam
		\$166	Repair Hydraulic Piping at McAlpine Locks and Dam
		\$394	Repair Lower Dam Bulkhead Crane at McAlpine Locks and Dam
		\$1,851	Repair North Chamber Emergency Gate at McAlpine Locks and Dam
		\$850	Repair Structural Damage to Tainter Gate at McAlpine Locks and Dam
		\$150	Replace Wire Rope on Culvert Valves at McAlpine Locks and Dam, South Chamber
		\$924	Replace Wire Rope on Tainter Gate 9 at McAlpine Locks and Dam

Additional Information

- 2019 tonnage (in thousands) : 55,198
- National Rank (2018): 7
- Current Miter Gate In Service Date: 1974
- Projected Year Lock Miter Gates Reach "F" Condition:
Main: Downstream: 2061 Upstream: 2061
Auxiliary: Downstream: 2014 Upstream: 2014
- Projected Miter Gate Replacement:
Main : Downstream: 2062 Upstream: 2062
Auxiliary: Downstream: 2016 Upstream: 2016
- Fee Lands: 389 acres
- Flowage Easement Lands: 12,220 acres
- Project Boundary Line Marked: 0

Congressional Interests

- Senator Mike Braun, R-IN
- Senator Todd Young, R-IN
- Congressman Trey Hollingsworth, R-IN-9
- Senator Mitch McConnell, R-KY
- Senator Rand Paul, R-KY
- Congressman John Yarmuth, D-KY-3



**US Army Corps
of Engineers**

Newburgh Locks and Dam

Ohio River, Newburgh, IN



Project Features

- The project was authorized as a replacement for existing Locks and Dams 46 and 47 on 24 April 1962 by the Secretary of the Army. The Water Resource Development Act of 1974 modified the project to include bank protection along the Ohio River at Newburgh, Indiana.
- High lift navigation dam with two locks.
- The dam consists of a gated section 1,140' long, a fixed weir section 1,300' long, and a sheet pile cell connection to the left bank. The gated section has nine tainter gates, each gate being 110' wide and 32' high.
- Two adjacent parallel lock chambers are located along the Indiana side. The main lock chamber having clear dimensions of 110' x 1,200' and the auxiliary lock 110' x 600'. When the lock is closed due to high water, navigations may pass over the fixed weir.
- Normal upper pool elevation is 358.0' mean sea level; normal lower pool elevation is 342.0' mean sea level.

Consequences of Not Maintaining the Project

- Failure to provide adequate funding to maintain this facility will have significant effects to the local and regional economy including: increased transportation costs and delays in the shipment of raw materials.
- The rivers of this country have long been recognized as vital links in a transportation network. Not maintaining the project would have a negative impact on the commerce of the Nation.



Regional Importance

- Reduction of annual channel maintenance dredging formerly required in low lift pools.
- The deeper, wider and more stable pool formed by the Newburgh Locks and Dams permits more efficient operations of towboats and enhances the efficiency of terminal operations in the area.
- The lock provides several amenities for public usage to include boat ramps, picnic areas, walking trails, and a playground.
- Average 3 year tonnage 60,286,959

In addition to annual appropriations, this project currently has the following maintenance needs in order operate at an optimum level of service and reliability.

Business Line	FY21 Funding Requests for Maintenance (\$1,000)		Maintenance Needs
	Total	Packages \$	
Navigation	\$4,535	\$200	Life Safety Signs for McAlpine Lock and Dam
		\$166	Repair Hydraulic Piping at McAlpine Locks and Dam
		\$394	Repair Lower Dam Bulkhead Crane at McAlpine Locks and Dam
		\$1,851	Repair North Chamber Emergency Gate at McAlpine Locks and Dam
		\$850	Repair Structural Damage to Tainter Gate at McAlpine Locks and Dam
		\$150	Replace Wire Rope on Culvert Valves at McAlpine Locks and Dam, South Chamber
		\$924	Replace Wire Rope on Tainter Gate 9 at McAlpine Locks and Dam

Additional Information

- 2019 tonnage (in thousands) : 55,198
- National Rank (2018): 7
- Current Miter Gate In Service Date: 1974
- Projected Year Lock Miter Gates Reach "F" Condition:
Main: Downstream: 2061 Upstream: 2061
Auxiliary: Downstream: 2014 Upstream: 2014
- Projected Miter Gate Replacement:
Main : Downstream: 2062 Upstream: 2062
Auxiliary: Downstream: 2016 Upstream: 2016
- Fee Lands: 389 acres
- Flowage Easement Lands: 12,220 acres
- Project Boundary Line Marked: 0

Congressional Interests

- Senator Mike Braun, R-IN
- Senator Todd Young, R-IN
- Congressman Trey Hollingsworth, R-IN-9
- Senator Mitch McConnell, R-KY
- Senator Rand Paul, R-KY
- Congressman John Yarmuth, D-KY-3



**US Army Corps
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Olmsted Locks and Dam

Olmsted, IL



Project Features

- Congress authorized this project in the Water Resources Development Act of 1988.
- The project consists of twin 110' x 1,200' lock chambers located near the Illinois shoreline.
- The dam consists of a 1,400' long navigable pass with 140 movable wickets that will be raised to sustain pool for navigation purposes. The pool elevation will be maintained by 5 tainter gates, each gate is 110' wide and 37' high.
- Approximately 60% of the year, during high water, tows will bypass the locks and go over the top of the movable portion of the dam.
- To insure adequate navigable depth, the hinged pool will maintain elevation 300 at the Paducah gage and elevation 302 at the Smithland L&D.
- The length of the Olmsted pool is approximately 46.1 miles.



Consequences of Not Maintaining the Project

- Failure to provide adequate funding to maintain this facility will have significant effects to the local and regional economy including: increased transportation costs and delays in the shipment of raw materials.
- The rivers of this country have long been recognized as vital links in a transportation network. Not maintaining the project would have a negative impact on the commerce of the Nation.



Regional Importance

- Reduction of annual channel maintenance dredging formerly required in low lift pools.
- The deeper, wider and more stable pool formed by the Olmsted permits more efficient operations of towboats and enhances the efficiency of terminal operations in the area.
- Olmsted replaced the failing Locks and Dams 52 and 53 in 2018.
- *Average 3 year tonnage 65,640,071
*LD 53 / Olmsted

In addition to annual appropriations, this project currently has the following maintenance needs in order operate at an optimum level of service and reliability.

Business Line	FY21 Funding Requests for Maintenance (\$1,000)		Maintenance Needs
	Total	Packages \$	
Navigation	\$700	\$700	Drydock of Washdown Barge for Olmsted Locks and Dam

Additional Information

- 2019 tonnage (in thousands) : 73,107
- Olmsted was placed in operation in 2018 and all major maintenance was performed prior to becoming operational.

Congressional Interests

- Senator Dick Durbin, D-IL
- Senator Tammy Duckworth, D-IL
- Congressman Mike Bost, R-IL-12
- Senator Mitch McConnell, R-KY
- Senator Rand Paul, R-KY
- Congressman James Comer, R-KY-1



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Smithland Locks and Dam

Ohio River, Brookport, IL



Project Features

- The project was authorized on 8 December 1965 as a replacement for Locks and Dams 50 and 51, under authority of Section 6 of the River and Harbor Act of 3 March 1909.
- High lift navigation dam with two locks.
- The dam consists of a gates section 1,390' long and a fixed weir section 1,572' long, extending to the Kentucky bank. The gate section contains 11 tainter gates, 110 feet in width.
- Two adjacent parallel lock chambers are located along the Illinois side of Dog Island.
- Both chambers have clear chamber dimensions of 110' x 1,200'.
- Normal upper pool elevation is 324.0' mean sea level; normal lower pool elevation is 302.0' mean sea level; and normal lift is 22.0'

Consequences of Not Maintaining the Project

- Failure to provide adequate funding to maintain this facility will have significant effects to the local and regional economy including: increased transportation costs and delays in the shipment of raw materials.
- The rivers of this country have long been recognized as vital links in a transportation network. Not maintaining the project would have a negative impact on the commerce of the Nation.



Regional Importance

- Reduction of annual channel maintenance dredging formerly required in low lift pools.
- The deeper, wider and more stable pool formed by the Newburgh Locks and Dams permits more efficient operations of towboats and enhances the efficiency of terminal operations in the area.
- Operating under license granted by the Federal Energy Regulatory Commission, AMP, generates approximately 75 MW servicing about 40,000 homes using 3 hydro-power generator units.
- Average 3 year tonnage 58,273,022

In addition to annual appropriations, this project currently has the following maintenance needs in order operate at an optimum level of service and reliability.

Business Line	FY21 Funding Requests for Maintenance (\$1,000)		Maintenance Needs
	Total	Packages \$	
Navigation	\$22,460	\$520	Install Replacement Miter Gate and Culvert Valve Cylinders at Smithland Locks and Dam
		\$236	Life Safety Signs for Smithland Lock and Dam
		\$1,688	Perform Inspection Dewatering at Smithland Locks and Dam, Land Chamber
		\$300	Remove Navigation Hazards Below Smithland Dam
		\$3,480	Repair Structural Damage to Tainter Gate 2 at Smithland Locks and Dam
		\$3,000	Repair Structural Damage to Tainter Gates 1 and 3 at Smithland Locks and Dam
		\$3,600	Repair Structural Damage to Tainter Gates 4 and 5 at Smithland Locks and Dam
		\$690	Replace and Repair Lock Control System at Smithland Locks and Dam
		\$2,500	Replace Dam Handrail at Smithland Locks and Dam
		\$1,320	Replace Federal Mooring Cell at Smithland Lock & Dam
		\$3,336	Replace Intake Screens at Smithland Locks and Dam
		\$1,790	Replace Tainter Gate Cable Connections at Smithland Locks and Dam

Additional Information

- 2018 tonnage (in thousands) : 62,058
- National Rank: 4
- Current Miter Gate In Service Date: 1979
- Projected Year Lock Miter Gates Reach "F" Condition:
Main: Downstream: 2020 Upstream: 2020
Auxiliary: Downstream: 2020 Upstream: 2020
- Projected Miter Gate Replacement:
Main : Downstream: 2023 Upstream: 2023
Auxiliary: Downstream: 2023 Upstream: 2023
- Fee Lands: 301 acres
- Flowage Easement Lands: 2,735 acres
- Project Boundary Line Marked: 0

Congressional Interests

- Senator Dick Durbin, D-IL
- Senator Tammy Duckworth, D-IL
- Congressman John Shimkus, R-IL-15
- Senator Mitch McConnell, R-KY
- Senator Rand Paul, R-KY
- Congressman James Comer, R-KY-1