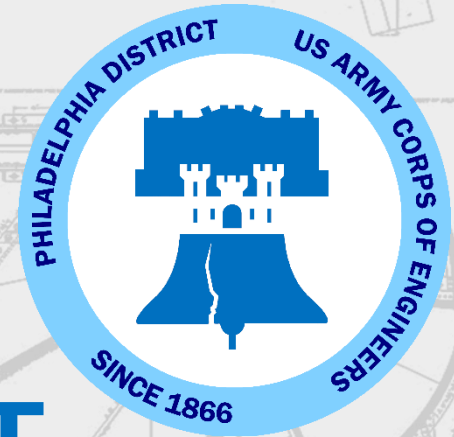


U.S. ARMY CORPS OF ENGINEERS

PHILADELPHIA DISTRICT



ADRIAN LEARY CHIEF, PLANNING DIVISION



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USACE 101

- Most of us are civilians (not soldiers)
 - Many of us are not engineers
 - Most of our projects are water-related
 - Most of our projects are cost-shared with non-Feds
 - We are project funded (similar to consultants)



- Congress tells us what to work on and gives us \$\$\$
- USACE is not a grant awarding agency



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U.S. ARMY

THE PHILADELPHIA DISTRICT

Serving the Delaware River Basin and the
Mid-Atlantic Coast



Headquarters at
1650 Arch Street

District boundaries
are watershed-
based

BY THE NUMBERS

~ 500 Army civilians

~ 150 miles of
coastline

15 field offices

5 states

5 earthfill dams

5 highway bridges

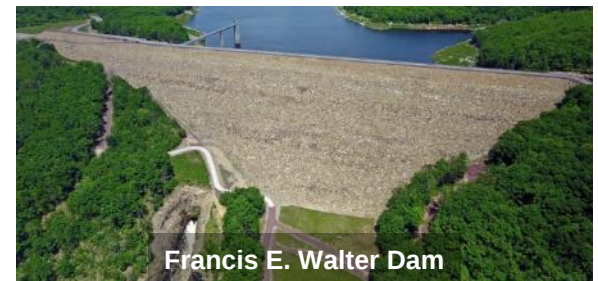
4 sea-level canals

1 seagoing dredge



USACE MISSION AREAS WATER RESOURCES

- Flood Risk Management
- Navigation
- Coastal Storm Risk Management
- Aquatic Ecosystem Restoration
- Regulatory (Permitting)



USACE can study and build BIG things



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USACE CAN ALSO ASSIST WITH SMALLER STUDIES, PROJECTS, AND TECHNICAL SERVICES

SECTION 22, PLANNING ASSISTANCE TO STATES

- Program to assist states (and local governments) with USACE expertise to prepare comprehensive plans for development, utilization and conservation of water resources
- USACE does **NOT** build anything

SILVER JACKETS INTERAGENCY



FLOOD PLAINS MANAGEMENT SERVICES (FPMS)

Advise, recommend, educate, inform and provide technical support to others

FREE: Flood Proofing Workshop for Community Officials



You are invited to a workshop to learn about flood proofing actions you can take to reduce flood risk in your community.

This is your chance to receive training on different types of flood proofing techniques from the U.S. Army Corps of Engineers (USACE). The flood proofing discussion will include topics such as elevating buildings, wet and dry flood proofing, and relocation/acquisition. You will also hear about federal and state programs that may be available to assist your community with flood proofing. Federal and state agency representatives will be on hand to discuss off floodplain management topics, such as the National Flood Insurance Program and Community Rating System.

Workshop Information

When: May 30, 2019 1:00-4:00 p.m.

Where: Bucks County Public Safety Training Center, 1760 S. Easton Road, Room 106, Doylestown, PA 18901

Registration: <https://www.eventbrite.com/e/flood-proofing-workshop-for-community-officials-bucks-county-tickets-56410371947>

Credit: Certified floodplain managers will receive three (3) CFM CECs for attending.

For more information on flood proofing please visit the USACE National Nonstructural Committee Website: <http://www.usace.army.mil/Missions/Civil-Works/Project-Planning/nfpc/>

Questions about the Workshop?
Contact Jason Miller, U.S. Army Corps of Engineers, at (215) 856-6549 or Jason.F.Miller@usace.army.mil

American with Disabilities Act (ADA) Information: The meeting site is accessible to persons with disabilities. Reasonable accommodations for people with disabilities are available upon request to Jason Miller before May 23rd.

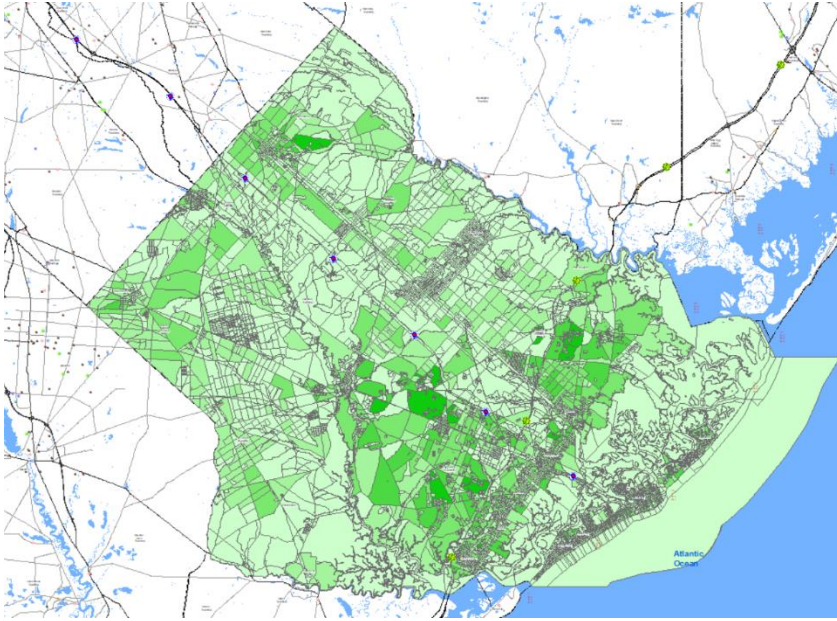
This workshop is being hosted by the PA Silver Jackets, an interagency team working together to reduce flood risk in Pennsylvania.



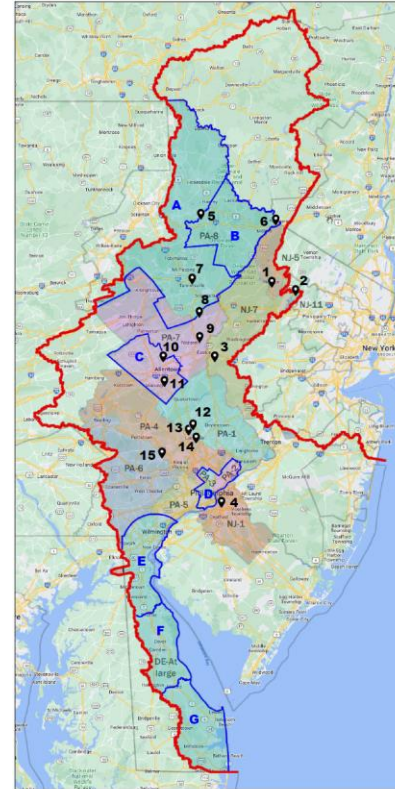
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HURRICANE EVACUATION STUDIES (HES)



Environmental Infrastructure Project Authorities (Sec. 219)



COUNTIES

A	Northeast Pennsylvania (Wayne, Luzerne & Monroe Cos), PA
B	Pike County, PA
C	Lehigh County, PA
D	City of Philadelphia, PA
E	New Castle County, DE (Little Mill Creek)
F	Kent County, DE
G	Sussex County, DE (Dewey Beach, Oak Orchard)

MUNICIPALITIES

1	Newton, NJ
2	Jefferson Twp, NJ
3	Phillipsburg, NJ
4	City of Camden, NJ (2 projects)
5	Palmyra Twp, PA
6	Westfall Twp, PA
7	Pocono Twp, PA
8	Pen Argyl Boro, PA
9	Stockerton Boro, Tatamy Boro, & Palmer Twp, PA
10	Whitehall & S Whitehall Twps, PA
11	Vera Cruz, PA
12	Hatfield Boro, PA
13	Towamencin Twp, PA
14	North Wales Boro, PA
15	Phoenixville Boro, PA

SECTION 566 ENVIRONMENTAL IMPROVEMENT PROGRAM



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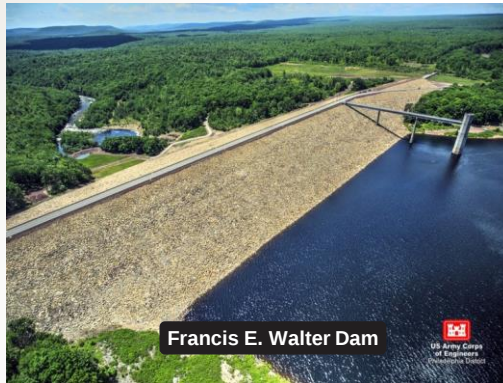


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FLOOD RISK MANAGEMENT DAMS ON TRIBUTARY SYSTEMS OF DELAWARE RIVER IN PENNSYLVANIA

- 5 Federally owned dams have prevented >\$600 million in flood damages since construction
- Dams receive two million visitors per year for recreation
- Environmental stewardship activities on ~4000 acres of land



LEHIGH, SCHUYLKILL, LACKAWAXEN RIVER WATERSHEDS

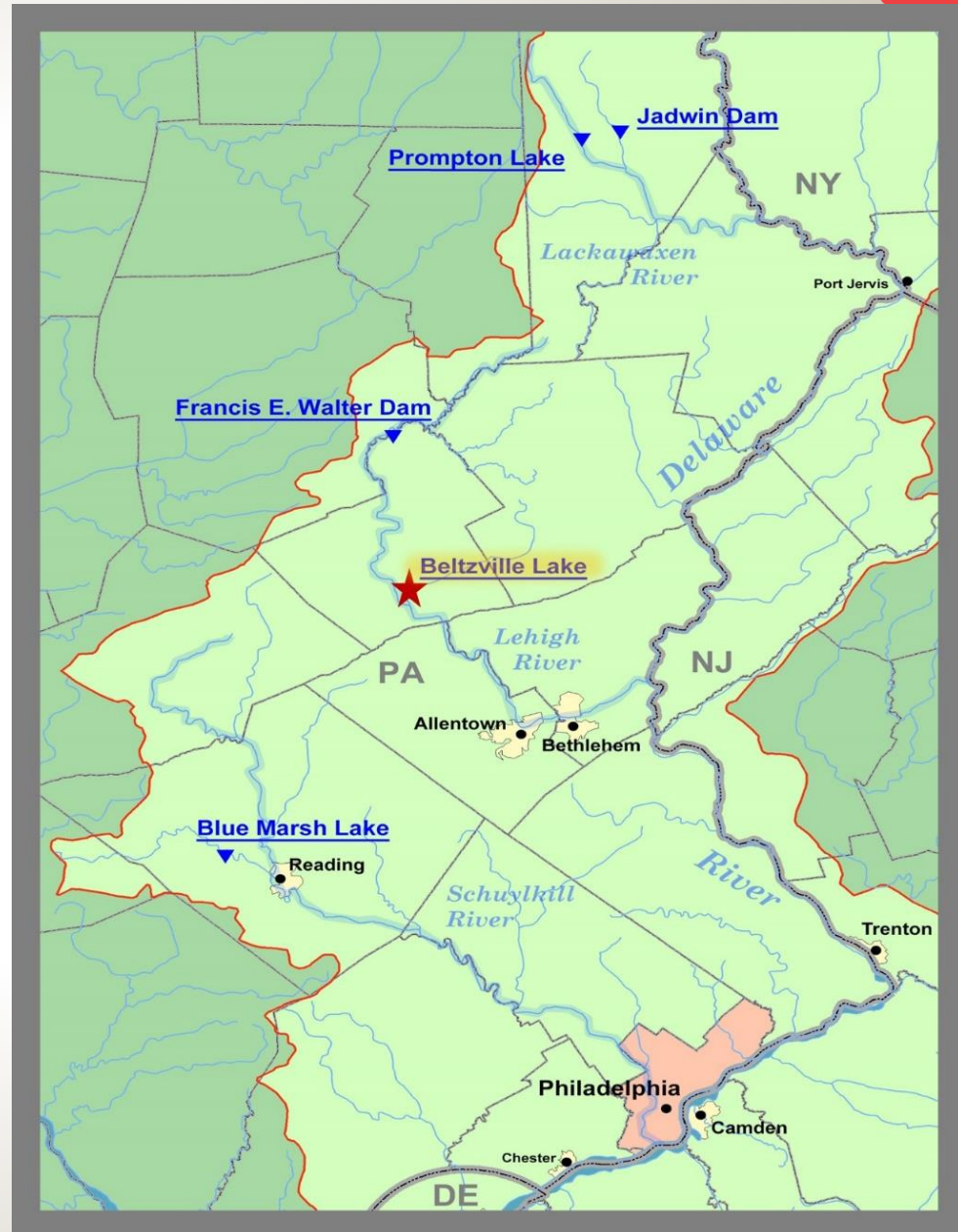


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Flood Risk Management



- FLOOD RISK MANAGEMENT OPERATIONS ARE CARRIED OUT AS A SYSTEM IN UPPER BASINS
- DAMS NOT OPERATED FOR FLOOD RISK ON MAINSTEM DELAWARE BUT OPERATIONS ARE DESIGNED TO NOT AGGRAVATE OR WORSEN CONDITIONS ON DELAWARE DURING FLOODS





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WATER SUPPLY, WATER QUALITY, DROUGHT RESILIENCE, RECREATION (A DELICATE BALANCE)



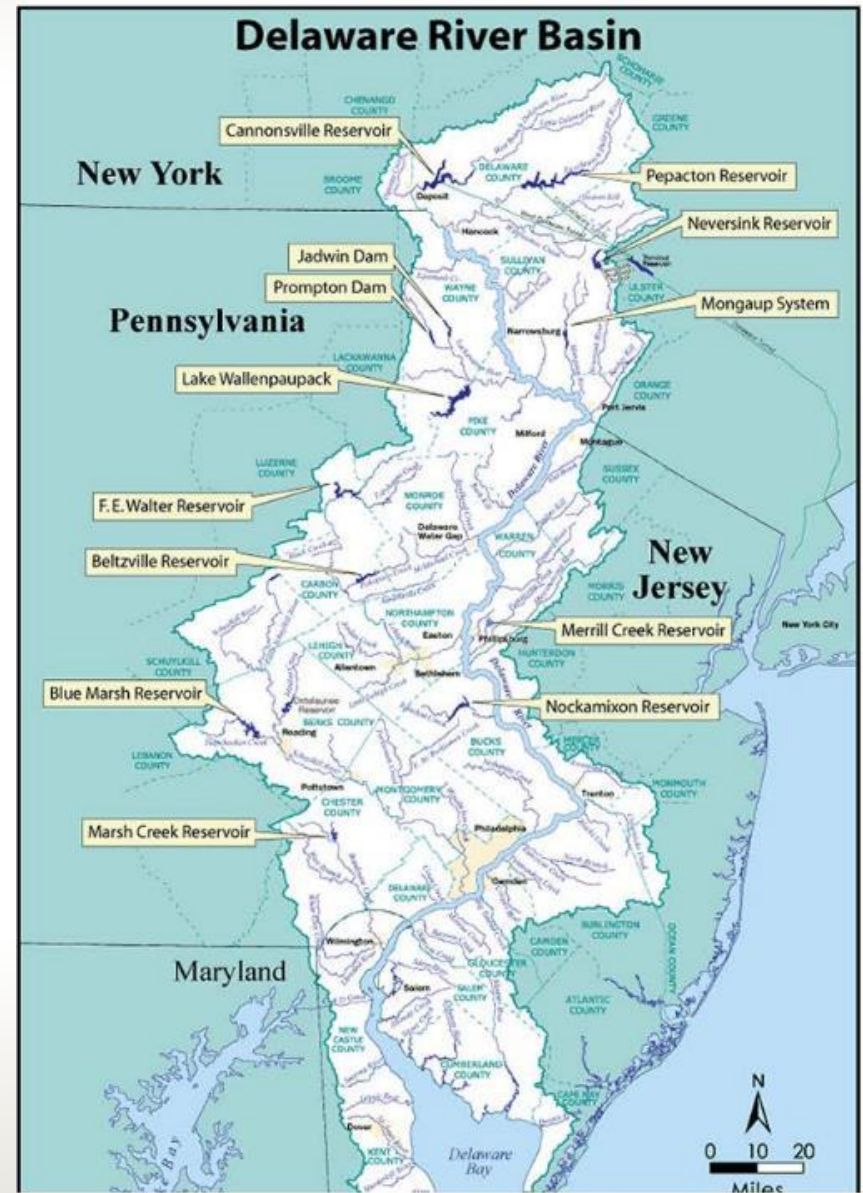
- At Beltzville and Blue Marsh Dams USACE is contracted with DRBC at certain percentages for water supply and water quality needs in the Basin



- DRBC can direct releases from Beltzville and FE Walter to regulate for flow objectives on the mainstem Delaware for drought emergencies.



Blue Marsh Dam





U.S. ARMY

DRAFT FEASIBILITY REPORT RELEASE FOR PUBLIC REVIEW

NOVEMBER 15 2024



New Jersey Back Bays Flood Risk Management Feasibility Study



U.S. Army Corps
of Engineers



NJDEP



U.S. ARMY



ADDITIONAL RESOURCES AND CONTACT INFORMATION:



August 2019

PARTNERING WITH THE U.S. ARMY CORPS OF ENGINEERS

*A Guide For Communities, Local Governments, States,
Tribes, and Non-Governmental Organizations*

2019-R-02

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<https://planning.erdc.dren.mil/toolbox/library/IWRServer/2019-R-02.pdf>