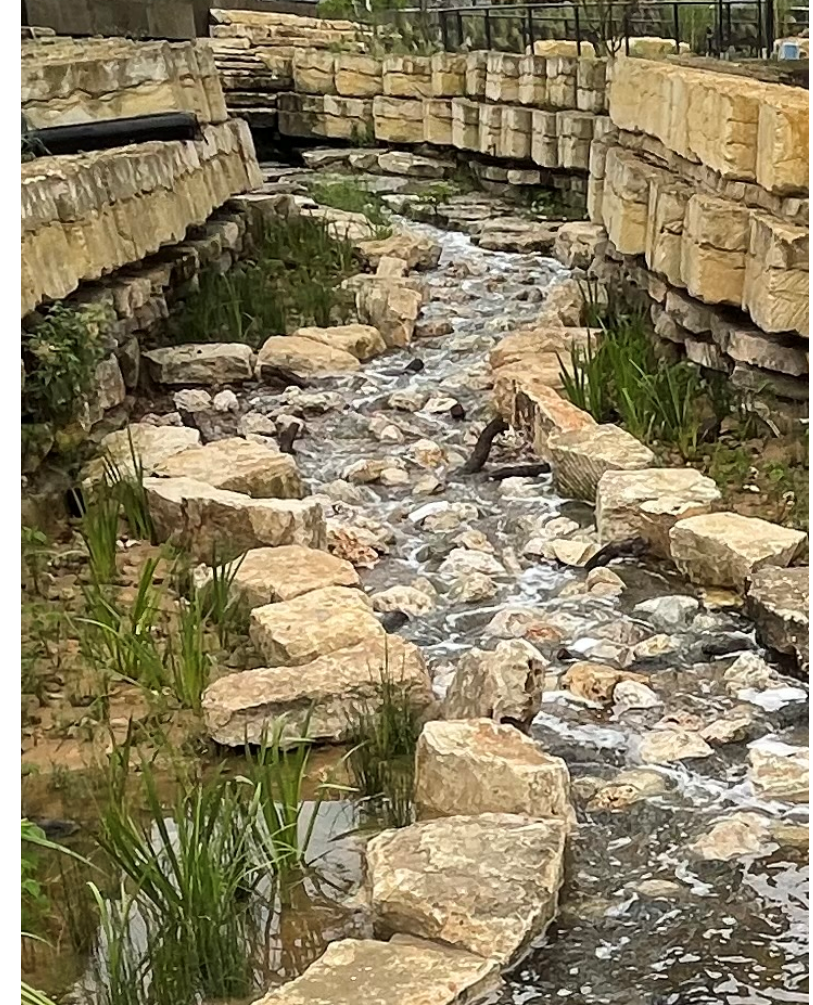




## 4. ACCOTINK DAM

D. How could fish passage be incorporated into dam/lake management options?



Waterloo Park Riffle Run  
Austin, TX



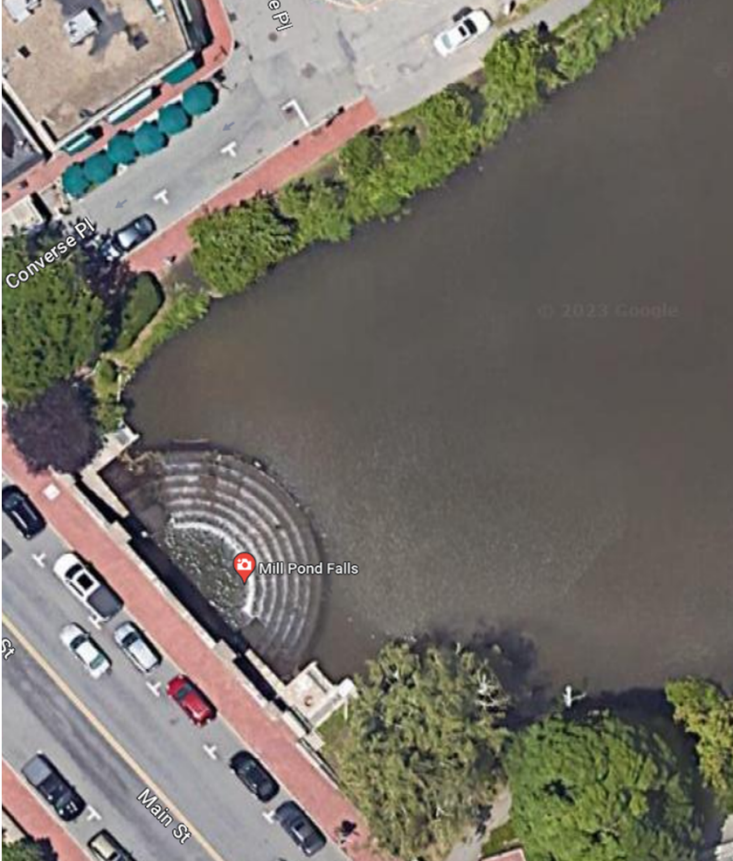


# 4. ACCOTINK DAM

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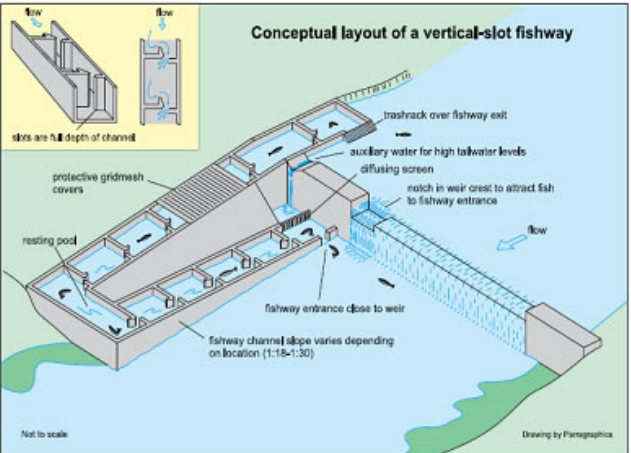
Retrofit of an existing dam. Image credit: Google / Fanuel Muindi



Aerial view of dam. Image credit: Google

## Fish Ladder at the Center Falls Dam Mill Pond Falls, Aberjona River, Winchester, MA

This fish ladder retrofit of Winchester’s distinctive horseshoe-shaped dam allows fish to migrate around a dam by providing enough water so that fish can swim up to the other side of the dam. The velocity of water is controlled to prevent pushing fish back downstream. The fish ladder is located on the right side of the dam, facing upstream. Look for the metal grating by the side of the bridge to see the concrete channel of the ladder underneath, the flowing water, and the herring during migration.



Vertical-slot fishway example . Image credit: Partgraphics



## 5. FEATURES, AMENITIES, BENEFITS

What features/amenities/benefits will a managed wetland provide?

F.2. Recreation – fishing

H. Wildlife habitat



Image from Fishbrain.com

Correspondence from the VA Dept. of Game and Inland Fisheries indicates that the fish habitat is poor and has been for a long time. The dam also acts as a fish barrier.

“Great place to have a good day – 5 stars. So since I fish Burke a lot I thought that this lake was gonna be the exact same but it surprised me because you would literally catch 2 and 3 pounders easily. These fish are so aggressive and since it’s spawning it’s crazy”

Review from Fishbrain.com

“This lake is very shallow. Most of the lake is only a few feet deep. i was dragging bottum in a lot of the lake. Best fishing is done by kayak an Limited due to depth. though I have caught bass at the lake.”

Review from Fishbrain.com





## 5. FEATURES, AMENITIES, BENEFITS

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What  
features/amenities/benefits  
will a managed wetland  
provide?

### H. Wildlife habitat



Photo by Keith Freeburn, taken from WJLA news report on Lake Accotink

Nice Pond for Birdwatching – 3 stars. Not really a lake. Not very clear water. But it does have an amazing abundance of wildlife, particularly of birds and other critters.

From **Fishbrain.com**





## 5. FEATURES, AMENITIES, BENEFITS

What features/amenities/benefits will a managed wetland provide?

H. Wildlife habitat:

**Birds of prey**



*An American bald eagle sits on a log in Acadia National Park Pond in Acadia National Park, ME on September 30, 2020. Image credit: Will Newton/Friends of Acadia. <https://www.nps.gov/acad/learn/nature/eagles.htm>*

### Bird of prey best practices

Various

A managed wetland can maintain – and enhance bird of prey habitat with:

- Edge buffer zones which preserve existing trees often used for nesting. See [BLM guidelines](#) and [VA DWR Raptor guidelines](#).
- Improved aquatic habitat (pond) as a food source.
- Logs, former beaver dams, woody debris, new nature-based solutions (NBS), process based restoration BMPs, and other perching areas can provide more locations for undisturbed feeding (photo above).





## 5. FEATURES, AMENITIES, BENEFITS

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What  
features/amenities/benefits  
will a managed wetland  
provide?

G. Water Quality

H. Wildlife habitat



*Image credit: MVVA*

Wellesley College Constructed Wetland  
Wellesley, MA





## 5. FEATURES, AMENITIES, BENEFITS

What  
features/amenities/benefits  
will a managed wetland  
provide?

G. Water Quality

H. Wildlife habitat



*Pools and riffles in the restored river. Image credit: Inter-Fluve*

Clackamas River  
Clackamas, OR



*Strategically placed large wood in side channels mimic naturally occurring debris in the floodplain.  
Image credit: Inter-Fluve*





## 5. FEATURES, AMENITIES, BENEFITS

What features/amenities/benefits will a managed wetland provide?

- A. Aesthetic resource
- B. Trails and access
- F. Fishing



*Image credit: MVVA*

The Confluence at Waterloo Greenway  
Austin, TX





# 5. FEATURES, AMENITIES, BENEFITS

What features/amenities/benefits will a managed wetland provide?

- A. Aesthetic resource
- B. Trails and access
- F. Boating
- G. Water Quality
- H. Habitat



## 3.3 The North Reach Habitat + Programming

### Theme: Outdoor Learning + Recreation

- Kayaking + canoeing
- Water experience station
- Citizen science
- Naturescapes
- Instream floating wetlands
- Turtle snags and habitats
- Fish nursery
- Inboard wetland



The Wild Mile Vision Plan, excerpt  
Image source: <https://drive.google.com/file/d/1-2r5WLF-TKCiQJSDM14tkKNz0vznWELo/view>





## 5. FEATURES, AMENITIES, BENEFITS

What features/amenities/benefits will a managed wetland provide?

### F.1. Boating

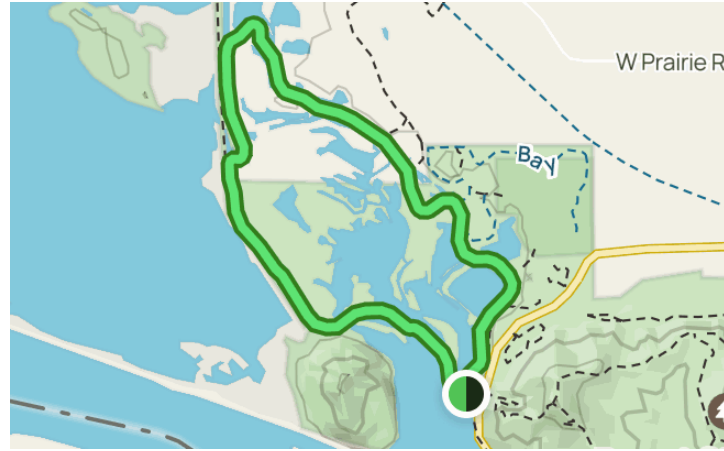


Photo By: Joshua Mayer, [https://live.staticflickr.com/2828/9467327381\\_a2cb21cc7f.jpg](https://live.staticflickr.com/2828/9467327381_a2cb21cc7f.jpg), Water Trail Added





## 5. FEATURES, AMENITIES, BENEFITS

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What  
features/amenities/benefits  
will a managed wetland  
provide?

A. Aesthetic resource

B. Trails and access







## 5. FEATURES, AMENITIES, BENEFITS

What features/amenities/benefits will a managed wetland provide?

- A. Aesthetic resource
- B. Trails and access
- E. Education



Image credits: SCAPE



Chattahoochee Riverlands Design Guidelines  
Chattahoochee River, AL/GA/FL





## 5. FEATURES, AMENITIES, BENEFITS

What  
features/amenities/benefits  
will a managed wetland  
provide?

- A. Aesthetic resource
- B. Trails and access
- H. Habitat



*Floating walks, gardens, and docks on the north branch of the Chicago River  
Image credit: Dave Hampton*





## 5. FEATURES, AMENITIES, BENEFITS

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A. Aesthetic resource

B. Trails and access



*Floating walks, gardens, and docks on the north branch of the Chicago River  
Image credit: Dave Hampton*





## 5. FEATURES, AMENITIES, BENEFITS

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A. Aesthetic resource

B. Trails and access



*Image credit: MVVA*

George W. Bush Presidential Center  
Dallas, TX





## 5. FEATURES, AMENITIES, BENEFITS

What  
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will a managed wetland  
provide?

A. Aesthetic resource

B. Trails and access



*Image credit: MVVA*





## 5. FEATURES, AMENITIES, BENEFITS

---

What features/amenities/benefits will a managed wetland provide?

- A. Aesthetic resource
- B. Trails and access



*Image credit: MVVA*





## 5. FEATURES, AMENITIES, BENEFITS

What  
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- A. Aesthetic resource
- B. Trails and access
- E. Education



*Nature Boardwalk at South Pond, Lincoln Park, Chicago, IL  
Image source: Dave Hampton*





# 2. LAKE AS WETLAND

What is required to develop a plan to manage the lake footprint as a wetland?

Search our site



## Lake Accotink Park Master Plan Revision

### Department Resources

- Department Homepage >
- Parks +
- Rec Centers +
- Golf Courses +
- Programs and Activities +
- Natural and Cultural Resources +
- Trails +
- Special Topics >
- Holiday Hours and Class Schedules >
- Jobs at the Park Authority +
- Rentals and Permits +
- Long Range Planning >
- Planning and Improvements +
- Park News >

### ANNOUNCEMENT

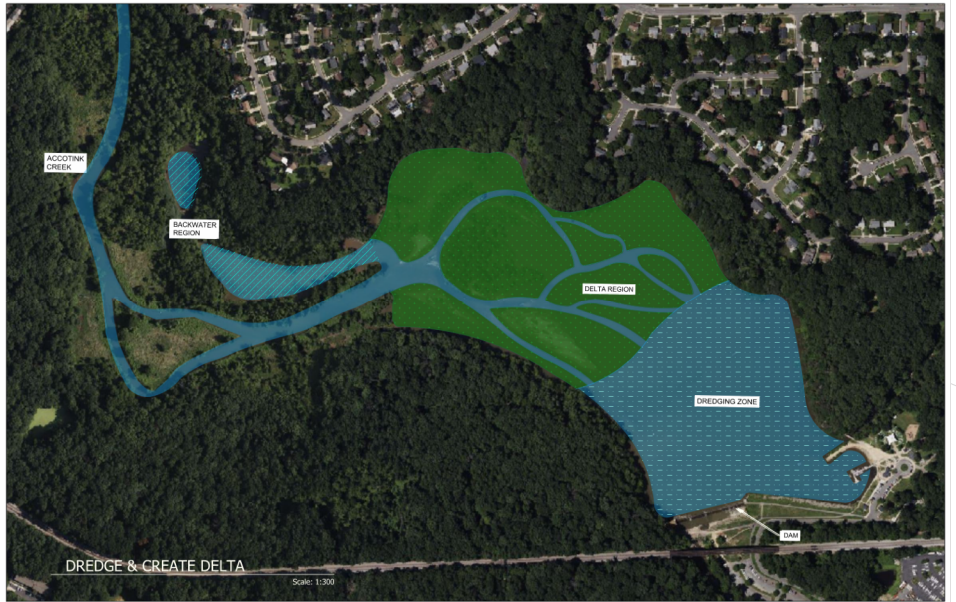
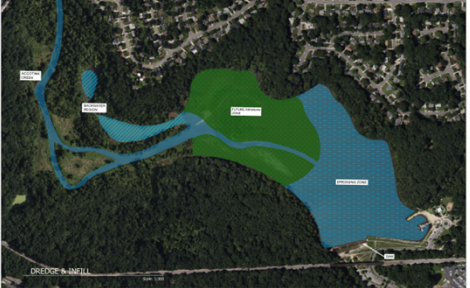
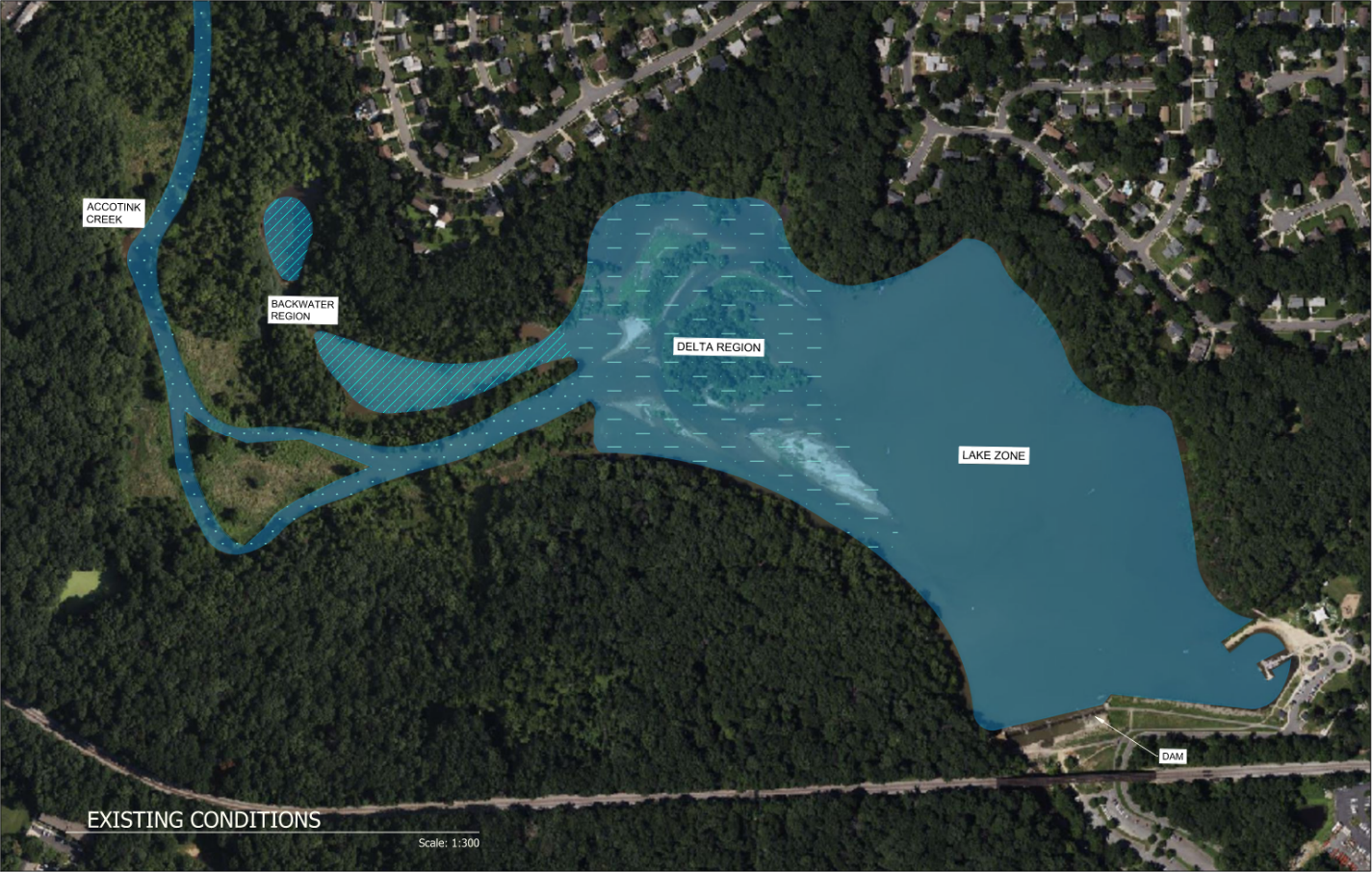
The Lake Accotink Master Plan Revision community meeting at Cardinal Forest Elementary School scheduled for Tuesday, March 31, 2020 and the community meeting at the large waterfront pavilion in Lake Accotink Park on Saturday, April 18, 2020 are postponed indefinitely, due to Coronavirus (COVID-19) safety precautions. Public input continues to play a big role in developing a vision for how this park will serve the community for years to come. Please check the website in the upcoming weeks for rescheduled meeting dates. For current updates on the County's coronavirus response, please [click here](#).







# Master Planning







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