



Eastgate Park Dam Rehabilitation

Updating and Repairing the Dam Structures

Updated: Jul 1, 2026

We are updating and repairing the dam at [Eastgate Park](#). The goal of this project is to bring the dam into compliance with NC Dam Safety (NCDS) by updating the spillway and the slope of the banks that make up the dam. Although bringing the dam back into compliance with NCDS is the primary goal of the project, updating and repairing this dam will ensure that Eastgate Park Lake remains in place and continues to provide downstream flood control and water quality improvement benefits along Big Branch Creek and Crabtree Creek. These benefits improve downstream public safety and aquatic habitat.

PROJECT DETAILS

TYPE:	Lakes, Streams, and Dams
BUDGET:	\$5.8 million (Design and construction)
PROJECT LEAD:	Stormwater Management
CONTRACTORS:	Hazen & Sawyer (Design), Contractor (TBD)



CONTACT



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LEAD DEPARTMENT:

[Water](#)

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Design

We are in the early stages of the design process and expect to have the final design completed in Summer 2027. We will repair the current dam spillway and build a new secondary spillway.

Public Meeting

We hosted a public meeting in February 2025 to share updates, designs, and timelines for the project, and receive feedback from the public. [Download and read the project fact sheet.](#)

Next Steps

We will host a second public meeting in Early Spring 2027 to provide more updates about the project design.

LEAD DEPARTMENT:
[Engineering Services](#)

Schedule

Date	Activity
Fall 2023	Project Planning complete
Late Summer 2024	Project Design begins
Summer 2027	Project Design complete
Fall 2027	Project bidding
Spring 2028	Construction Begins
Spring 2030	Construction Completed

Project Area Map



Background

Eastgate Park opened in 1972 as a 25-acre public facility with numerous amenities and the 2.4 acre Coopers Pond that is contained by Eastgate Park Dam. In 2023, the city completed a [Preliminary Engineering Report](#) that issues the safety deficiencies found in the dam. The report did not identify any major safety concerns, but did identify problems that need to be addressed to bring the dam back into compliance with NC Dam Safety.

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