

About the Glenville Lake Spillway Project

Why is Glenville Lake being drained?

The lake is being drained to replace the spillway that sits at the (end) of the Glenville Lake near Filter Plant drive.

When is Glenville Lake being drained?

Lowering of the Lake is anticipated to begin in June and the construction project expected to begin in July.

What is the dam & spillway?

The dam impounds (holds) the water in the lake so that an adequate supply is available for our drinking water as well as providing recreational use to the community. The spillway is located at the dam and manages the controlled release of water out of Glenville Lake.



Spillway sits between the earthen dam at Glenville Lake



The spillway controls the flow of water out of Glenville Lake downstream into the Little Cross Creek

What happens if it is not replaced?

The spillway was built in the early 1900's. Because of its age & condition, if not repaired or replaced, it presents a risk that could impact the property around and downstream of Glenville Lake.

Will the dam break?

There is no imminent danger, but the replacement of the spillway is important so that it operates properly to minimize the potential for failure.

Can the spillway be repaired, instead of replaced and avoid the inconvenience of draining the lake?

It is most cost effective to replace the spillway at this time. The new spillway will last 50+ years.

How long will the lake be down?

The construction is expected to take 12-14 months to complete. The lake will be refilled once construction is complete.

What will drain the lake mean?

There will be no fishing at Mazarick Park while the lake is drained. Because water will not be impounded in the Glenville Lake, water levels and lakes upstream may see lower water levels. Lower water levels are expected along Forest Lake Drive.

Where will the treatment plant get its water?

Glenville Lake is one of 2 sources of water for Fayetteville. Glenville Lake Water Treatment Facility also has a water main that brings water from the Cape Fear River and the plant will continue to operate while the Lake is drained

Will it impact our water quality?

No

What happens to the fish in the lake?

Fish and Wildlife will be relocating the fish.

Are we allowed to pick the fish up from the lake as its lowered?

Fish & Wildlife does not allow fish to be picked up from the lake.

Will the Lake be restocked with fish when it refilled?

Yes

Can the Lake be made deeper when it is refilled?

No

Has the lake been drained before?

Yes, in 1993 the lake was drained for construction of the dam

How long will it take to drain the Lake?

It will take several weeks to drain the lake. The lake will be lowered when water is pumped to the water treatment plant and then the remaining water will be released downstream lowered gradually to not impact properties downstream of the lake.

Where does the water from Glenville Lake flow?

Water leaving Glenville Lake flows along the Little Cross Creek that runs adjacent to Murchison Road, toward downtown Fayetteville. With controlled releases of water, there is no downstream impact from the project.

How long will it take to refill the lake?

It will take a couple of weeks to refill the lake depending on the rainfall during that time.