

Morgan Creek Wetlands Complex



Water quality projects like this one that support clean drinking water and flood water management are critical for water quality and flood reduction management for our communities.



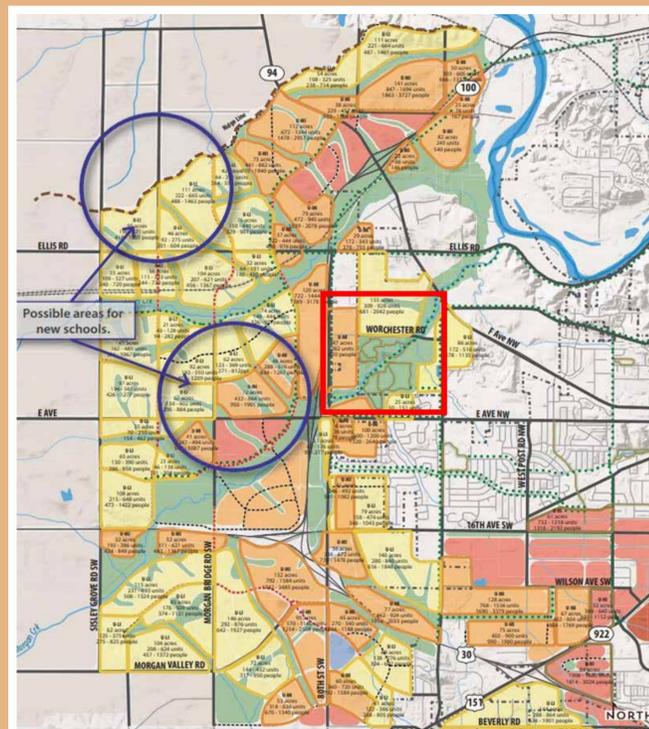
Morgan Creek Park is a 352-acre county park located in southwest Linn County boarding the City limits of Cedar Rapids. A Master Plan for Morgan Creek Park, completed in 2015, has provided opportunities to modernize park amenities in response to community input and the recent Highway 100 expansion.



Key goals and guiding principles include improvement of water quality by protecting and restoring the watershed and portion of Morgan Creek in the park.

The Linn County Conservation Board has focused on water quality improvement and protection projects at Morgan Creek Park through their Master Plan. These natural resource enhancements include wetlands and bio-swales; development of native prairie habitat; and a storm water management system to benefit the park and nearby private development.

A series of wetlands in this project will capture and clean water from E Avenue, adjacent neighborhoods, and park impermeable surfaces. These wetland cells are foundational to the overall new park development and will serve area storm water management needs.



Source: City of Cedar Rapids GIS, RDG Planning and Design

Partners to this project include the City of Cedar Rapids, The Nature Conservancy, NRCS and others all working to improve the Morgan Creek watershed that flows through one of the City of Cedar Rapids drinking water wellfields,

Wetlands can store up to 1.5 million gallons of flood water per acre. Wetlands can reduce nitrogen levels by over 52%.

Wetland ecosystems are some of the most diverse for native wildlife species.

Wetlands can be 5 times more efficient at reducing nitrate levels than the best land based conservation practices.

Wetlands function to slow and store storm water helping to reduce adjacent and downstream flooding.



WETLAND FACTS