

City of Euclid Watershed Fact Sheet

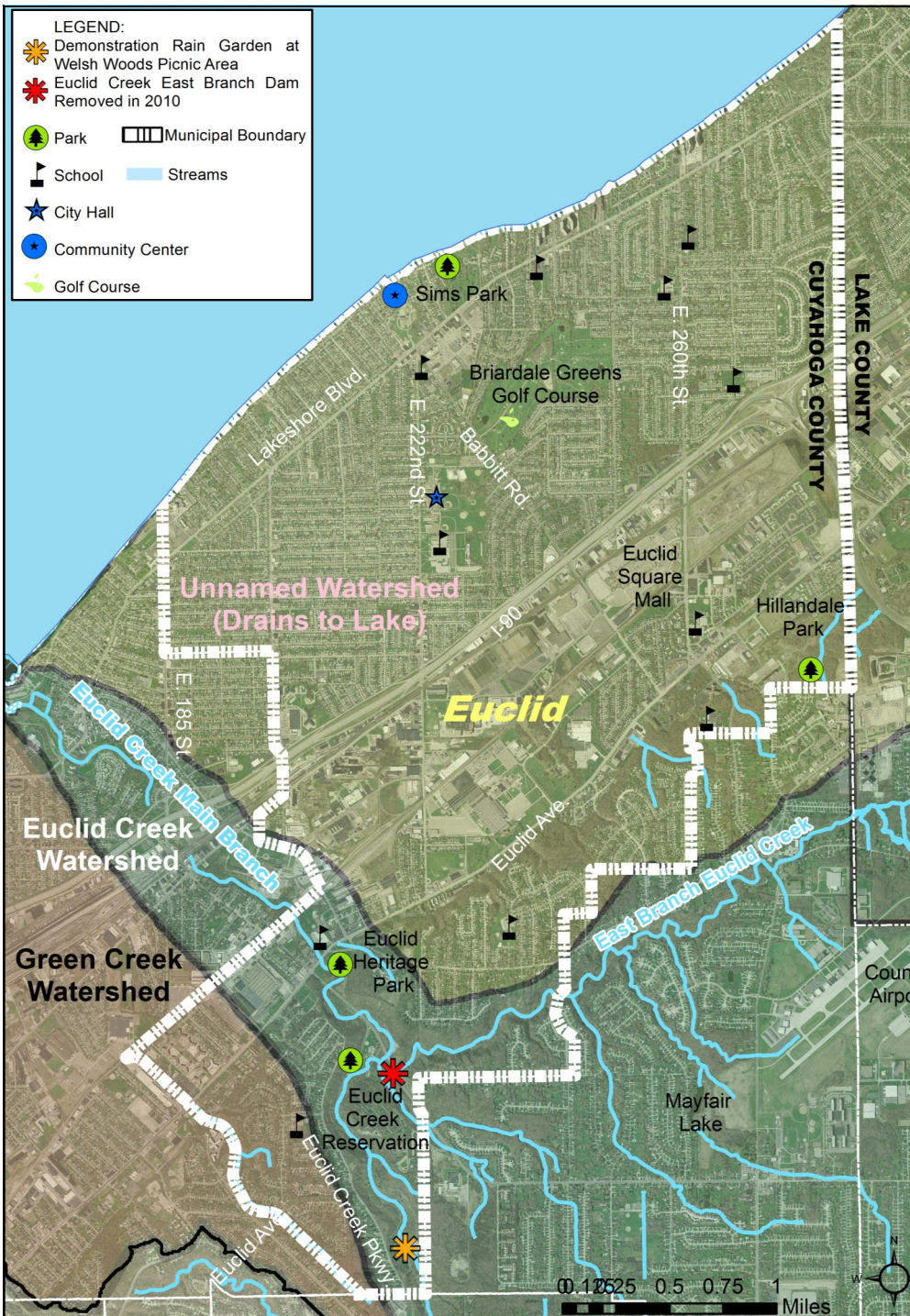


Euclid is in 3 watersheds

Euclid Creek drains an area of approximately 24 square miles from 12 communities in Cuyahoga and Lake Counties.

Green Creek drains approximately 5 square miles from 5 communities in Cuyahoga County.

Unnamed Watershed drains approximately 10 square miles from 3 communities in Cuyahoga County.



All 3 watersheds drain **directly** into **Lake Erie**, Euclid's source of **drinking water**. Protecting your watersheds from runoff pollution also protects **Lake Erie** and **YOU**.

Did you know?

- Euclid has **4.07 miles** of streams above ground with an estimated **13.3 miles** of additional streams that have been channeled underground in pipes/culverts.
- As water moves across lawns and hard surfaces into storm drains, pollution is picked up and sent untreated to creeks and rivers which eventually empty into Lake Erie.
- Vegetated surfaces, like rain gardens, help water soak into the ground which allows for natural filtration of polluted runoff.
- The rate of extinction for freshwater animals is 5 times greater than that for land animals.

Only Rain Down the Drain!

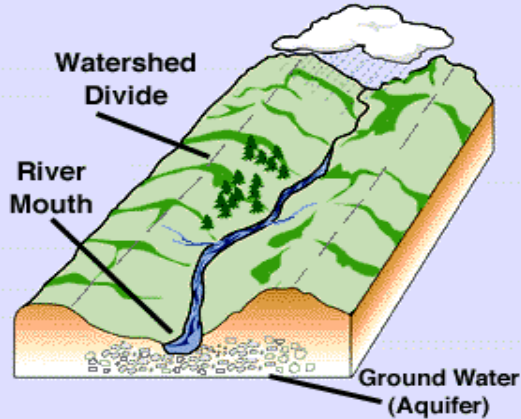
**What is a watershed?
Flip to find out!**

WATER—THE ULTIMATE RESOURCE

What is a watershed? A watershed is an area of land that drains rain and snow to a common body of water such as a stream, river, or lake. Our landscape is made up of interconnected watersheds.

We all live in a watershed!

A Watershed



Euclid within Euclid Creek Watershed

- Euclid makes up 5.9% or 1.4 sq. miles of the entire Euclid Creek watershed.
- Only 3% of Euclid Creek has been channeled underground in Euclid.
- Contains part of the Cleveland Metroparks Euclid Creek Reservation, the most visited of all parks within the Metroparks system.
- 4.07 miles of Euclid Creek flows through Euclid.
- The Cleveland Metroparks Euclid Creek East Branch Dam, 6 ft. high by 40 ft. wide, was removed in 2010, providing an avenue for fish migration. This is the first of six dams removed along Euclid Creek!



Euclid within Unnamed Watershed

- The majority of this watershed's tributaries have been channeled underground in Euclid.
- No watershed studies have been conducted within this watershed.

Euclid within Green Creek Watershed

- No studies exist, but it is assumed that Green Creek has the same urban impairments as its surrounding watersheds.
- Green Creek is mostly underground in pipes through Euclid.

Major issues impacting water quality

- **Excess nutrients**, such as phosphorous and nitrogen, caused by urban pollution and fertilizers from gardens, lawn and turf maintenance.
- **Low fish populations** due to poor water quality as well as loss of habitat and man-made barriers (e.g. dams).
- After major storms, high intensity stream flow (called **flashy flows**) increases **stream bank erosion**.
- Discharges from **septic and combined sewer overflows (CSOs)** due to flashy flow events.



How the CITY protects your water

- Leaf pickups in fall to prevent clogging of storm drains.
- Offers household hazardous waste (and other) recycling for residents.
- Partners with Cuyahoga Soil & Water Conservation District (SWCD) and other watershed communities in the Euclid Creek Watershed Council.
- Constructed a 150 square foot demonstration rain garden in the Cleveland Metroparks Euclid Creek Reservation at Welsh Woods Picnic Area shelter.
- Hosts rain barrel workshops with SWCD.
- The City has passed a number of ordinances that support good storm water management. Euclid allows for downspout disconnection and rain barrels. Euclid also has an ordinance allowing permeable pavement to help reduce storm water runoff leaving a site, which can help reduce flooding.

How YOU can protect your water

- Don't litter, and pick up litter where you see it.
- Keep grass clippings, paper and other waste out of storm drains.
- Report illegal dumping! Call the Engineering Dept. (216-289-8100) or the County Board of Health (216-201-2000).
- Install a rain barrel and/or plant a rain garden.
- Pick up outside pet waste and put it in the trash.
- Reduce hard surfaces. Replace your driveway and walkways with permeable paving.
- Clean paint from brushes, rollers and pans in the sink.
- Wash your car on the lawn or at a carwash.
- Reduce toxic substance usage around your home and on the lawn and garden.
- Never put motor oil, antifreeze, pet waste or anything else in storm drains.
- Reduce your use of fertilizers, pesticides and other chemicals on your lawn and garden.
- Keep your lawn 3 inches or higher to aid in water filtration.

Get involved with your local conservation / watershed group and take part in keeping your watershed clean and healthy.

Euclid Creek Partners

Euclid Creek Watershed Council
(Euclid is a Watershed Council member)

Friends of Euclid Creek

Cuyahoga Soil & Conservation District



Euclid Creek Watershed Coordinator

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Euclid Creek Website: www.cuyahogawcd.org

Click on *Services - Watershed Programs - Euclid Creek*



City of Euclid

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