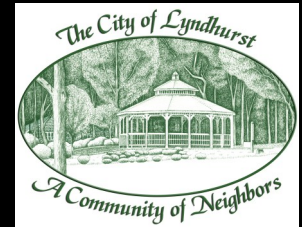


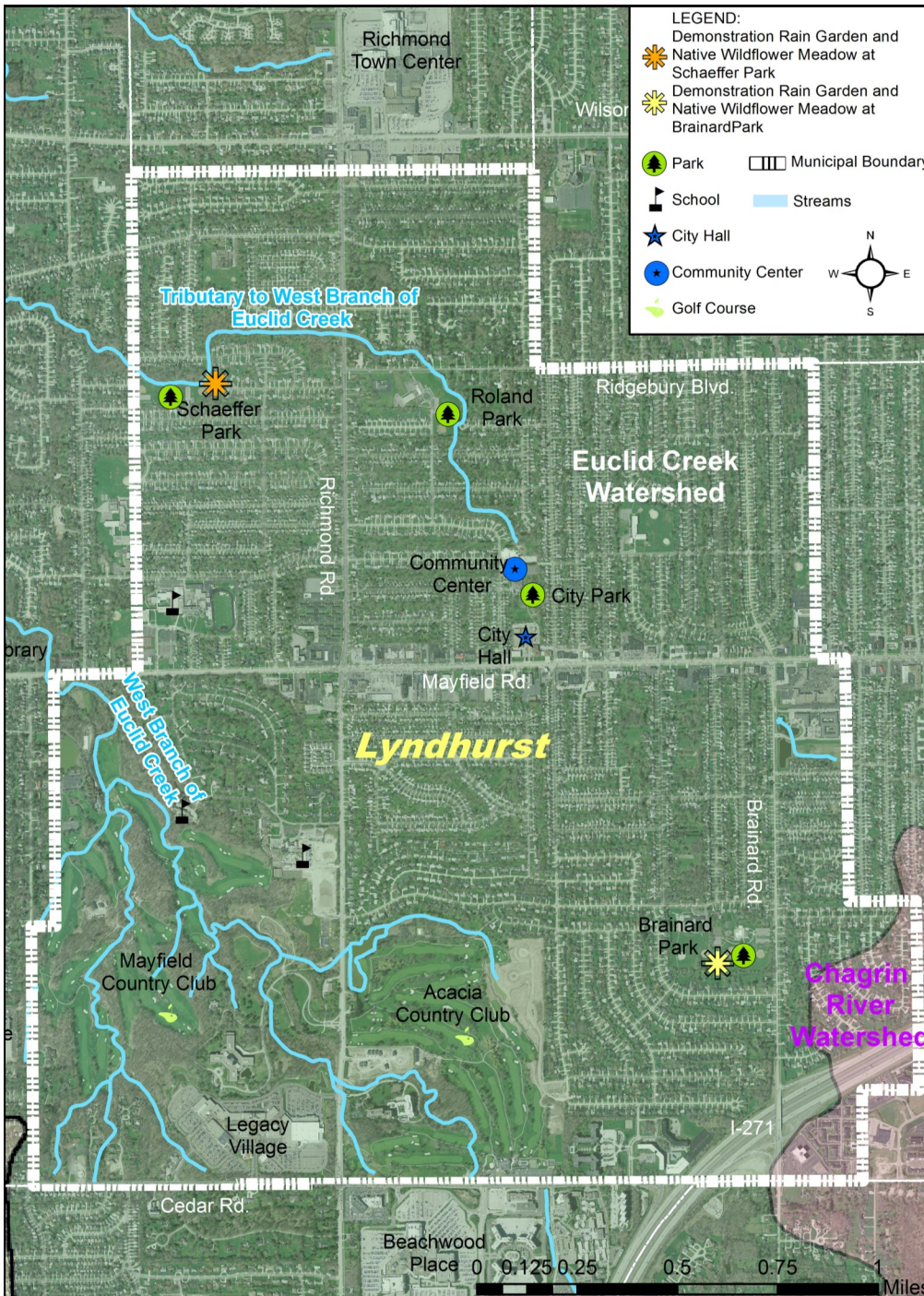
City of Lyndhurst Watershed Fact Sheet



Lyndhurst is in 2 watersheds

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

Chagrin River drains 267 square miles from 22 municipalities and ten townships within four Northeast Ohio Counties.



BOTH of these watersheds drain directly into Lake Erie, Lyndhurst's source of drinking water. Protecting your watersheds from polluted runoff also protects Lake Erie and YOU.

Did you know?

- Lyndhurst has **7.76 miles** of streams above ground with an estimated **2.05 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?

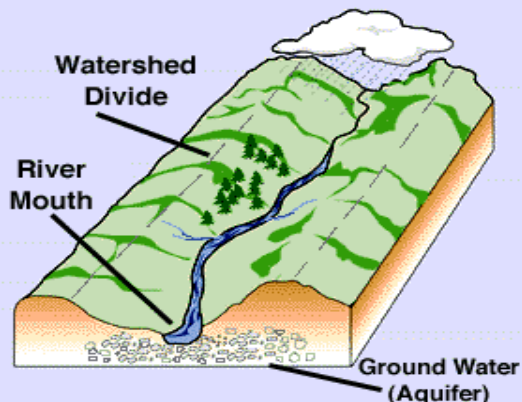
Flip to find out!

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



Lyndhurst within Euclid Creek Watershed

- Lyndhurst makes up 18.3% or 4.4 square miles of the entire Euclid Creek Watershed.
- 7.76 miles of Euclid Creek runs through Lyndhurst.
- Lyndhurst has 2 areas of wetlands near the Acacia Country Club and along the East Branch of Euclid Creek.
- There are 47.27 acres of protected lands in 4 City Parks in Lyndhurst.
- About 30% of Euclid Creek has been channeled underground.
- 97% of the Lyndhurst residents live within the Euclid Creek Watershed!



Lyndhurst within Chagrin River Watershed

- Only 7.3% of Lyndhurst lands are protected within the Chagrin River Watershed.
- Due to the high level of impervious cover most streams in Lyndhurst within this watershed have lost their pollution sensitive bug/fish species.
- 15.6% of Lyndhurst land area is impervious surface (hard surfaces such as pavement) within the watershed.
- There are no protected lands found in Lyndhurst within the Chagrin River Watershed.

Major water quality issues

- **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**.
- **Loss of green space and habitat** surrounding streams that provide a buffer zone to filter pollutants and provide shelter/food for bugs and fish.



How the CITY protects your water

- Leaf pickups in the fall to prevent clogging of storm drains.
- Active member of the Euclid Creek Watershed Council.
- Works with Cuyahoga County Board of Health on all public health concerns.
- The City replaced 2 acres and 1/2 acre of turf grass within Brainard Park and Schaeffer Park respectively, with wildflower meadows. The City also helped plant 300 ft. rain gardens in each park. Both the wildflower meadows and rain gardens reduce watering and mowing needs and help filter sediments and pollution from storm water before it reaches storm drains and streams.
- Passed erosion and sediment control ordinances.
- Offers household hazardous waste (and other) recycling programs for residents.
- Adopted Sensible Salting Resolution and is investigating salt alternatives.

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 Non-Emergency Fire Dept. (440-442-1234) 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

(Lyndhurst is a Watershed Council member)

Friends of Euclid Creek

Cuyahoga Soil & Conservation District



Euclid Creek Watershed Coordinator

Claire Posius

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Valley View, Ohio 44125

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Euclid Creek Website: www.cuyahogawcd.org

Click on *Services - Watershed Programs - Euclid Creek*



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