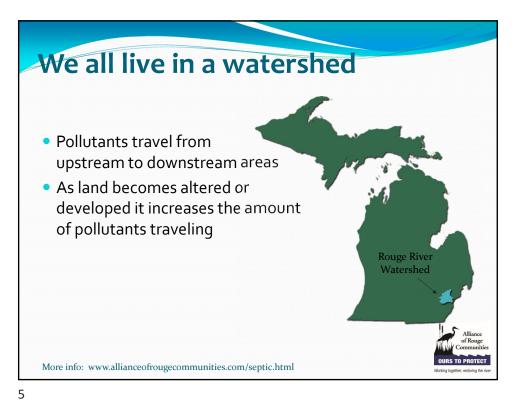


Δ





What is wastewater?

- Water that has been used in the home, in a business, or as part of an industrial process
- Is treated before it is released back to the environment



More info: www.allianceofrougecommunities.com/septic.html

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Why protect water quality?



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What does Improved water quality mean?



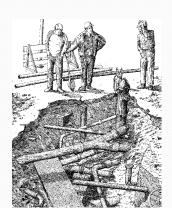


More info: www.allianceofrougecommunities.com/septic.html

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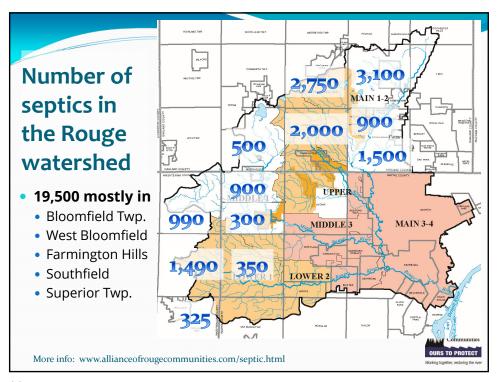
Sources of bacteria (E. coli)

- Humans
 - Illicit connections
 - Failing septic systems
 - Sanitary sewer overflows
- Pets
 - Lack of waste pick-up
- Wildlife
 - Don't feed them





 $More\ info:\ www.allianceo frouge communities.com/septic.html$















Failing septic systems are suspected to be a significant contributing source of pollution in the Rouge River Watershed.

Septic systems are often neglected and not routinely maintained after the initial installation.

A malfunctioning system can contaminate our waterways and groundwater supply.



 $More\ info:\ www.alliance of rouge communities.com/septic.html$







Individual wastewater treatment systems that use the soil to treat small wastewater flows, usually from individual homes.

Treats the wastewater from household plumbing by bathrooms, kitchen drains, dishwasher and laundry.

Common in rural areas without centralized sewer systems.



More info: www.allianceofrougecommunities.com/septic.html

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Do you have a septic system?



You use well water.

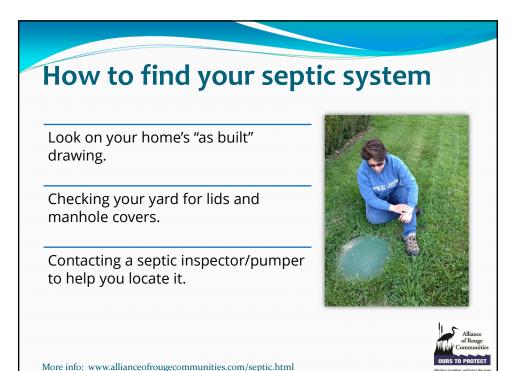
The waterline coming into your home doesn't have a meter.

You show a "\$0.00 Sewer Amount Charged" on your water bill.

Your neighbors have a septic system.

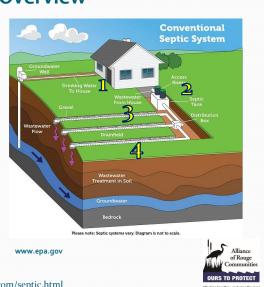


 $More\ info:\ www.allianceo frouge communities.com/septic.html$



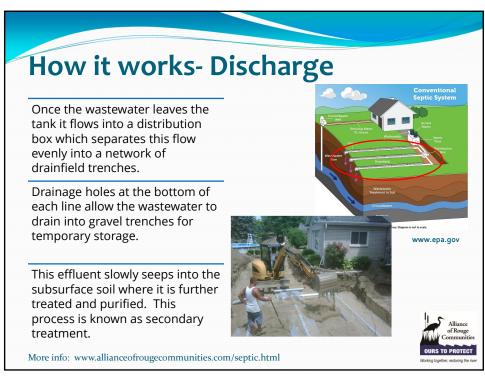
How it works - Overview

- 1. Drainage Pipe
- 2. Septic Tank
- 3. Drain Field
- 4. Soils



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A properly functioning septic system will:



Help protect and enhance the quality of the County's surface and groundwater resources.

Protect public health from disease causing organisms and nuisance conditions.

Properly dispose of your wastewater.

Preserve the County's waterways, including the Rouge River, for recreational enjoyment.

Saves you money!



More info: www.allianceofrougecommunities.com/septic.html

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Caring for your septic system

As the homeowner, it is your responsibility to maintain the septic system.

Neglect or abuse of your septic system can cause it to fail and:

Can cause a serious health threat to your family and neighbors.

Can degrade the environment, especially lakes, streams and groundwater.

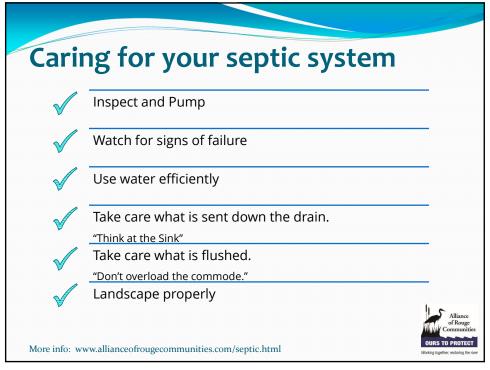
Can reduce the value of your property.

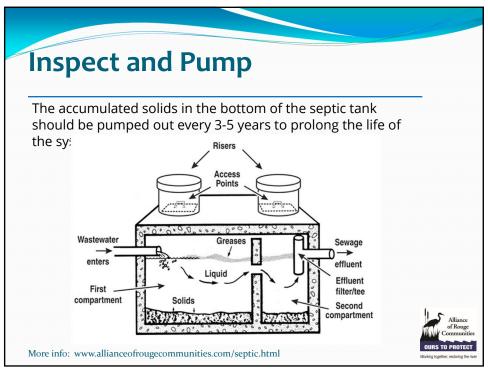
Can be very expensive to repair.

Can put thousands of water supply users at risk if you live in a public water supply watershed and fail to maintain your system.

More info: www.allianceofrougecommunities.com/septic.html







Additives

Companies make a lot of claims to sell their products, even promoting and claiming that no pumping is ever required.

The effectiveness of additives is not always agreed on (break down sludge).

We already give tanks all they need.

Every tank needs periodic pumping.



More info: www.allianceofrougecommunities.com/septic.html

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Watch for signs of failure

Sewage surfacing over the drainfield (especially after storms).

Sewage back-ups in the house.

Lush, green growth over the drainfield.

Slow draining toilets or drains.

Sewage odors.





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Use water efficiently



Leaky fixtures can add hundreds of extra gallons of water to your system every day.

Overloading with water is a leading cause of failure.



Replacing existing toilets with high-efficiency models is an easy way to reduce the amount of household water entering your septic system.

Faucet aerators and high-efficiency showerheads help reduce water use as well as the volume of water entering your septic system.



Washing small loads of laundry on the large-load cycle wastes water and energy. Use the proper load size to reduce water waste.

Spread your laundry task throughout the week instead of all on one day to allow your septic tank time to adequately treat waste and reduce the possibility of flooding your drainfield.

More info: www.allianceofrougecommunities.com/septic.html

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Take care at the drain

Whether you're at the kitchen sink, bathtub or utility sink:



Avoid chemical drain openers for clogged drains, use boiling water or a drain snake.

Never pour cooking oil or grease down the drain.

Never pour oil-based paints, solvents or toxic cleaners down the drain.

Eliminate or limit the use of a garbage disposal which will reduce the amount of fats, grease and solids that enter your septic tank and can clog its drainfield.



More info: www.allianceofrougecommunities.com/septic.html



Never flush:

Disposable wipes

Feminine hygiene products

Condoms

Dental floss

Diapers

Cigarette butts

Coffee grounds

Cat litter

Household chemicals like gasoline, oil and paint

Pharmaceuticals



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Use proper landscaping on and around your septic system

Locate your septic tank and drainfield and make sure the area is clear of:

Underground sprinkler lines

Driveways, decks and patios

Sports courts

Storage sheds

Swing sets, sandboxes

Vehicles, swimming pools

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Working together restoring the river

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Use proper landscaping on and around your septic system

Plant native, drought-tolerant plants.

Direct all surface drainage away from the septic system.

Use shallow-rooted plants, tree and shrub roots can grow into the drainlines, clogging and breaking them.

Avoid water-loving plants and trees.

Make sure the tank lid is secure.



More info: www.allianceofrougecommunities.com/septic.html

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Ordinances

- Find the ordinances that apply to you
- www.allianceofrougecommunities.com/septic.html

CHAPTER 1

OAKLAND COUNTY HEALTH DIVISION SANITARY CODE ARTICLE III SEWAGE DISPOSAL AND TREATMENT



 $More\ info:\ www.allianceo frouge communities.com/septic.html$

As a homeowner under the ordinance

Maintain your septic system to prevent failure.



Notify the health department of any known or suspected disposal system failure.

Remedy any disposal system failure.



More info: www.allianceofrougecommunities.com/septic.html

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Building a house under the ordinance



A site/soil evaluation is required before building a home that is not served by a municipal or centralized sewage treatment facility.

The evaluation, also referred to as a "perk test", is an assessment performed by the County Environmental Health Department.

The evaluation determines a site's suitability for installing a new onsite sewage system.

County building inspectors require either proof of municipal sewer connection or a sewage permit before building permits can be issued.

The evaluation must be **completed and approved** before you can construct your sewage system.

More info: www.allianceofrougecommunities.com/septic.html

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Working together, restoring the river

Selling a house under the ordinance



Have your disposal system evaluated by a registered evaluator.

Cooperate with the registered evaluator by providing pertinent information and paying the costs for the evaluation.

Obtain an authorization for sale or transfer prior to closing from the County Health Department



More info: www.allianceofrougecommunities.com/septic.html

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What is included in a septic system evaluation

Identification of your septic tank and drainfield locations.



Pumping out of your septic tank at the time of evaluation.

Exposing the drainfield for inspection.

Determining if your disposal system is functioning satisfactorily, is in a state of failure or contains potential failure conditions.

The evaluation may also identify recommendations which may prevent premature failure of your disposal system.

Educational materials are provided as part of the evaluation.



More info: www.allianceofrougecommunities.com/septic.html





A report must be provided to the owner within a certain number of days of the evaluation.

The registered evaluator must send the report to the health department within a certain time frame of evaluation and a minimum amount of days prior to closing on a sale of a house.

Disposal system evaluation reports are maintained by the County and are available to prospective buyers or other interested persons.

Reports are valid for certain number of months.



More info: www.allianceofrougecommunities.com/septic.html

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Questions & thank you!

How did we do? – please take our survey: www.surveymonkey.com/r/septicsys



For more information on septic systems and to download a copy of the webinar slides visit:

www.allianceofrougecommunities.com/septic.html

If you would like septic system information mailed to you, please email your address to:

info@allianceofrougecommunities.com

