



**Clermont County**  
**Public Health**

Prevent. Promote. Protect.

**Public Information Meeting Information**

**March 13, 2018**

# April 2017 Sampling Results

In April 2017 CCPH sampled the streams in and around Newtonsville. The locations were chosen with the help of Ohio EPA and were sampled on two consecutive days.

- Stream water that is safe to touch should have a count of less than 235 E-coli.
- E-coli levels that exceed 1030 is a public health nuisance.



# Sampling Results April 25, 2017.



**Clermont County**  
**Public Health**  
 Prevent. Promote. Protect.

# Sampling Results April 26, 2017.

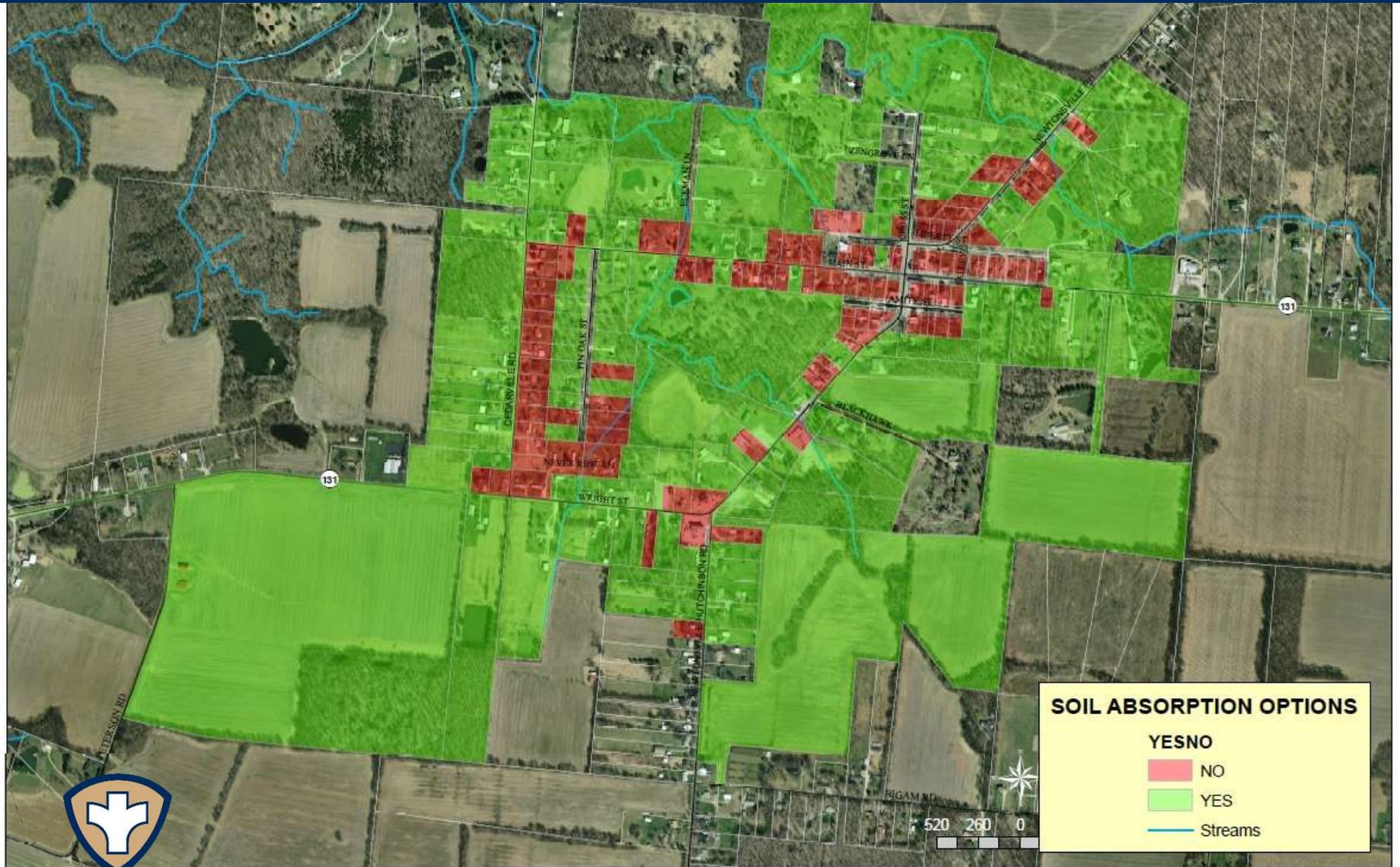


# 2011 Newtonsville System Survey

- In 2011, a total of 171 systems were surveyed. 97 passed, 53 failed and 21 surveys were canceled at the owner's request. Those owners were informed that if their systems were not assessed it would be assumed that they were having problems. The potential failure rate is 43%.
- This is a significant failure rate. Add that failure rate to the fact that many of these systems are located on small lots and it is a recipe that calls for a solution other than new onsite sewage treatment systems.
- CCPH believes Newtonsville needs a small community sewage treatment system to safely and effectively treat the waste water generated in the area.



# Soil Absorption Vs. Discharge



# Cost of Replacements

- If the Health District is forced to pursue replacing failing onsite systems with new ones there could be as many as 103 out of 171 lots that will require a discharging system. Many of these lots will need to discharge to the road ditch.
- Cost of onsite system replacement will be expensive. Replacements average between \$15-23,000 each and none of those funds can be placed on the homeowner's taxes.
- Any discharging systems installed must have a state law required service contract which will cost about \$300 per year and annual sampling will add a further \$175 to the yearly maintenance of the systems. That's a total of \$475 per year which is significantly more than the average sewer bill of \$276. These costs are before any repairs that may be needed.
- Mound systems are more expensive to install, but don't require sampling.



# Things to think about

- Some vacant lots in Newtonsville cannot be developed, but could be with a sewer system available.
- Your neighbor's replacement system could impact your property. The new mound or treated effluent from a discharging system could end up in a road ditch that passes in front of your home.
- If the sewer system were installed it could open up some yard space for an addition, detached garage or some other home improvement.
- Onsite system replacements for existing commercial properties will require the involvement of Ohio EPA.
- If this project fails, Clermont County Public Health will be left with no alternative other than correcting the sewage issues lot by lot which will be difficult for those homeowners whose systems are failing.
- Just because your system has never backed up into the house does not mean it is working correctly.



**Clermont County**  
**Public Health**  
Prevent. Promote. Protect.

[www.ccpohio.org](http://www.ccpohio.org)