Summit County DSSS

Q-161: Crow Berkshire Area

Clean Water Rehabilitation Project

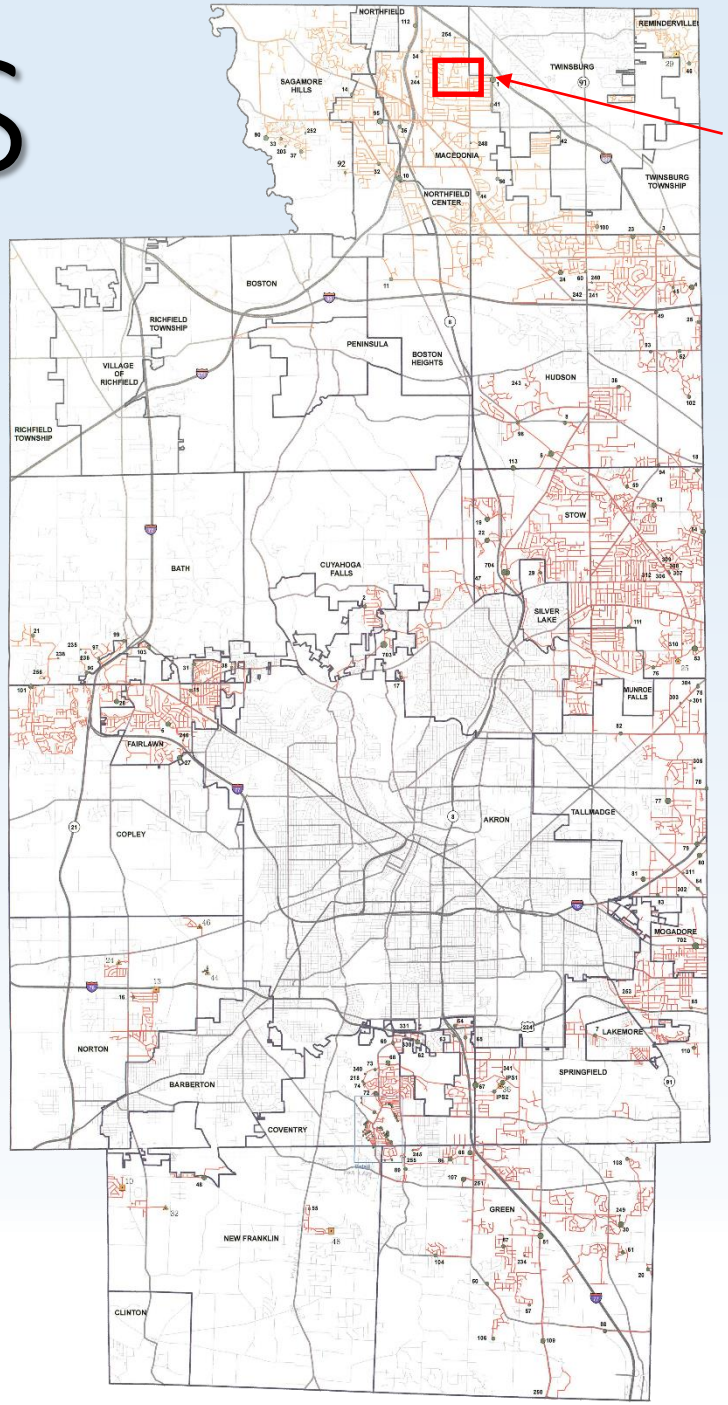
Public Education Open House
September 2021

Agenda

- Introductions
- Clean Water Rehabilitation Area
  - Reviews
  - Improvements
- Background Information
- Scheduling and Project Contact Information
- Questions

Summit County DSSS

- Operate and maintain wastewater treatment plants and wastewater collection systems.
- 6 wastewater treatment plants
- Approximately 200 pump stations
- Over 950 miles of collection system lines



CT Consultants

- Multi-discipline engineering consulting firm
- Headquartered out of Mentor, OH.
  - Offices in Cleveland, Akron, Youngstown, Columbus, Cincinnati, Kentucky, Pennsylvania, and Tennessee
- Expertise in analysis and design of wastewater facilities and collections systems

Supporting Agencies

Northeast Ohio Regional Sewer District

Protecting Your Health and Environment

CITY OF MACEDONIA
SUMMIT COUNTY, OHIO
FOUNDED 1905

REVIEWS ON YOUR PROPERTY

Q-161 Project Area

What To Know About the Reviews

- Review of all clean water sources.
- Right-of-Entry form (if necessary)
- **NO COST** to the property owners. All costs are completely funded by Summit DSSS with the assistance of NEORSD
- Reviews are coordinated and performed by CT and their sub-contractor
- Each property owner will need to schedule a time to have the review performed
- Reviews to be completed mostly in 2020

Health and Safety

- In the unlikely event we have to enter your home, no more than TWO people would enter your home
- All safety protocols to follow guidelines set by CDC and Ohio Health Department.
- 6-foot social distancing practiced at all times
- New personal protective equipment (PPE) for each review
  - Disposable face masks and gloves worn by entire field crew whether entering or working around home.
  - Boot slip overs to be worn by entrant into house.

Next Steps After Reviews Are Completed

- Findings to be reviewed by CT, Summit DSSS, and each homeowner
- Development of individualized plan for each home to redirect clean water away from the sanitary sewer
- **NO COST** to the homeowner. All improvement costs are completely funded by Summit DSSS with the assistance of NEORSD
- Improvements to be mostly completed in 2021

WHY IS THIS IMPORTANT

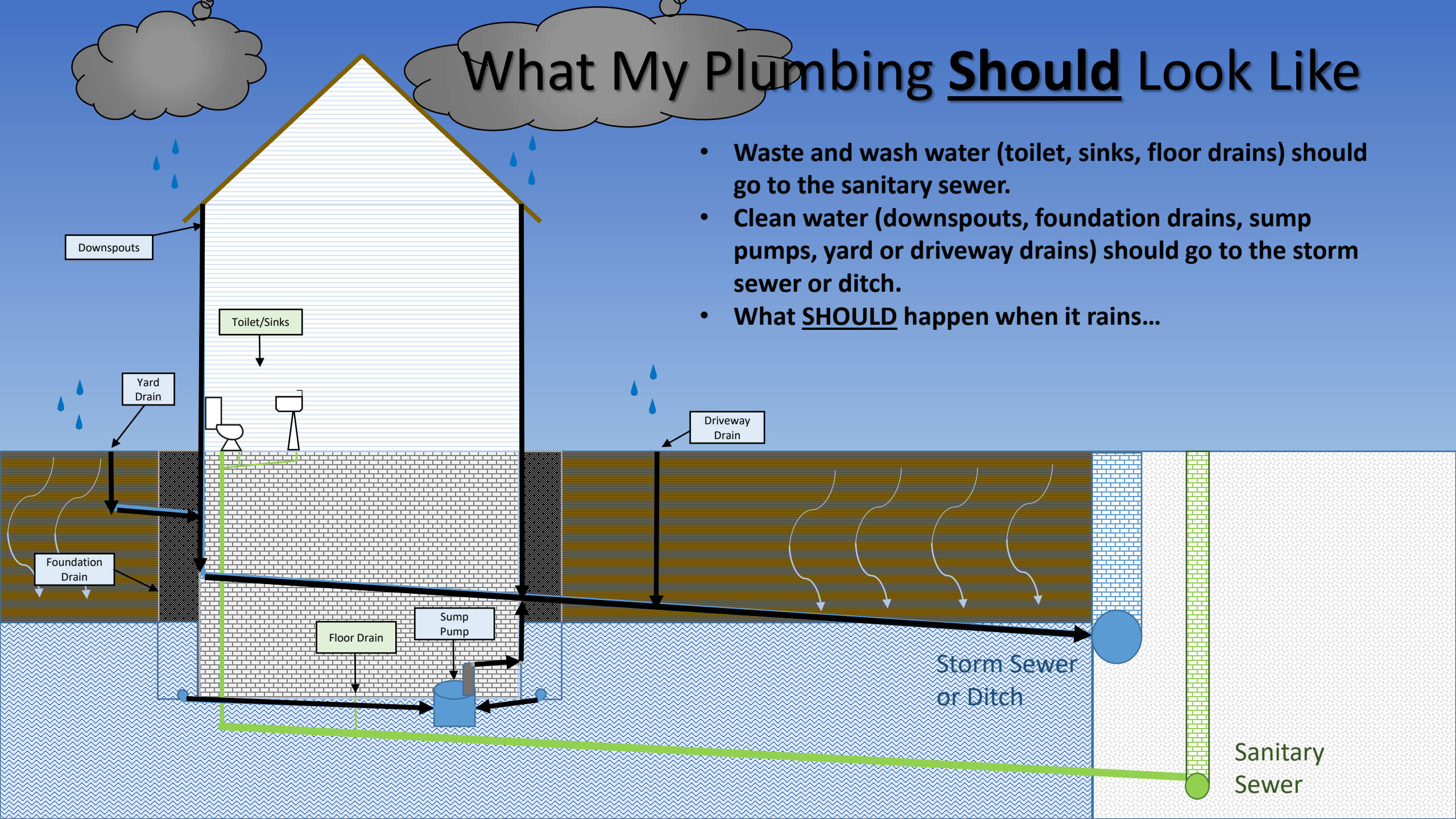
Sanitary Sewer Overflows (SSOs)

Sewer Backups into Basements

WHY IS CLEAN WATER GETTING INTO THE SANITARY SEWER

What My Plumbing **Should** Look Like

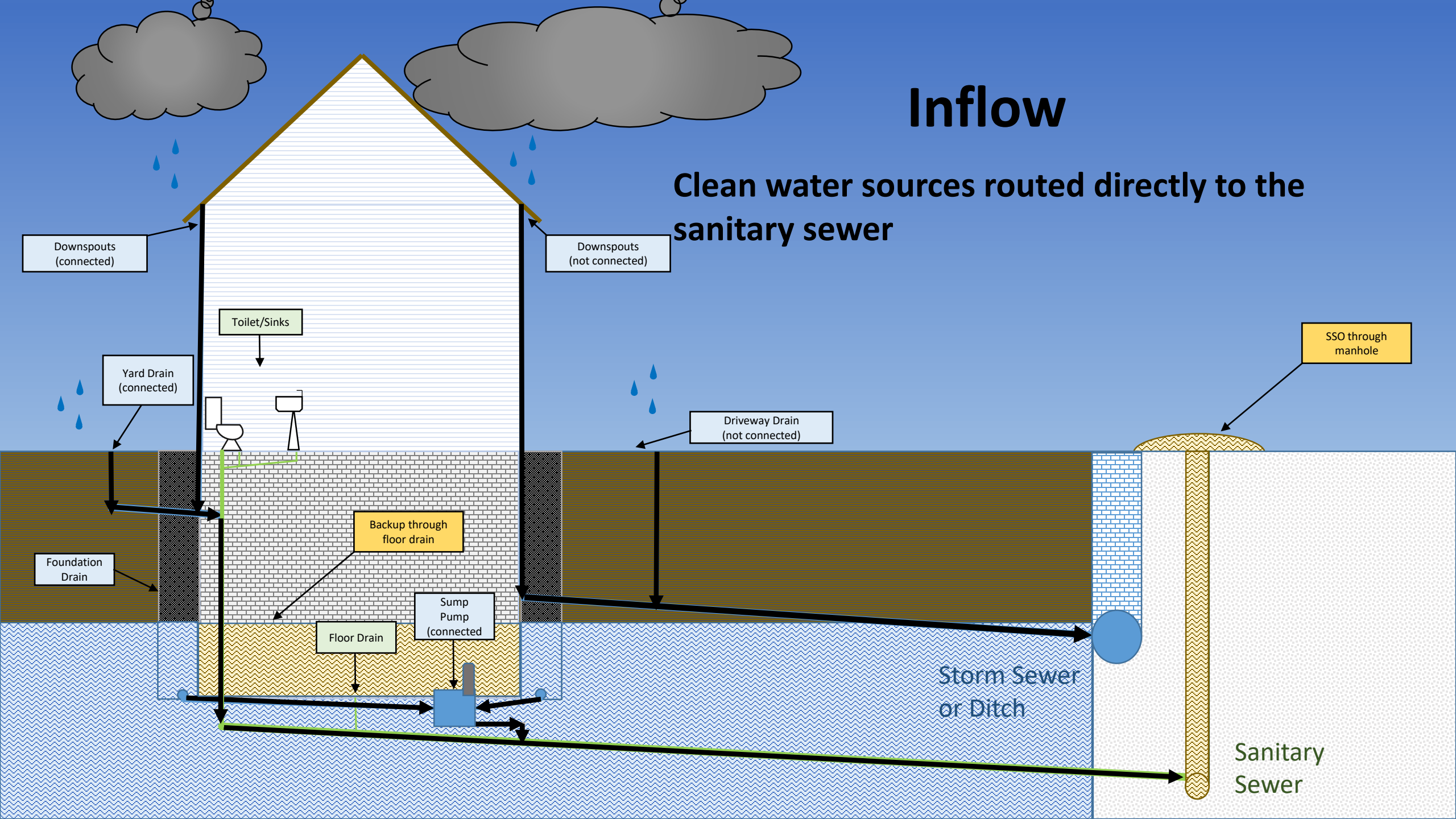
- **Waste and wash water (toilet, sinks, floor drains) should go to the sanitary sewer.**
- **Clean water (downspouts, foundation drains, sump pumps, yard or driveway drains) should go to the storm sewer or ditch.**
- **What SHOULD happen when it rains…**



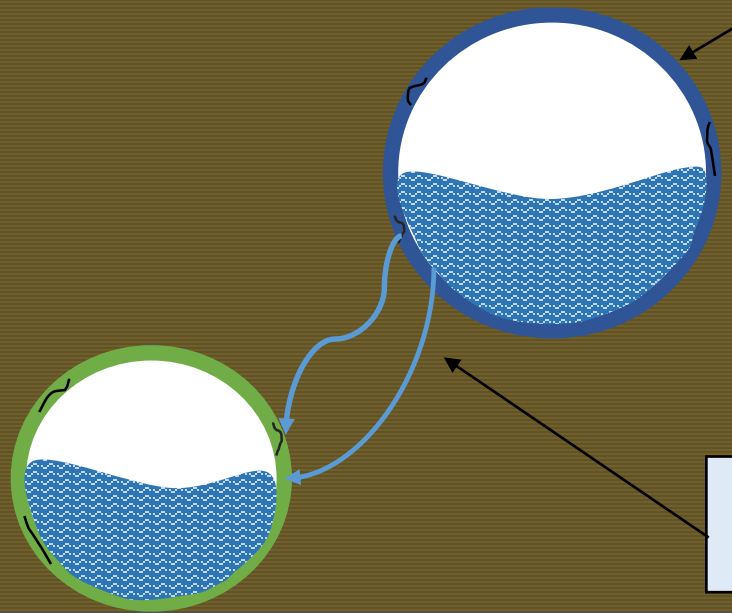
HOW DOES WATER GET IN THE SANITARY

Inflow

Clean water sources routed directly to the sanitary sewer



What other ways does clean water get into the sanitary sewer



Downspouts
Foundations Drains
Sump Pumps
Driveway Drains
Yard Drains

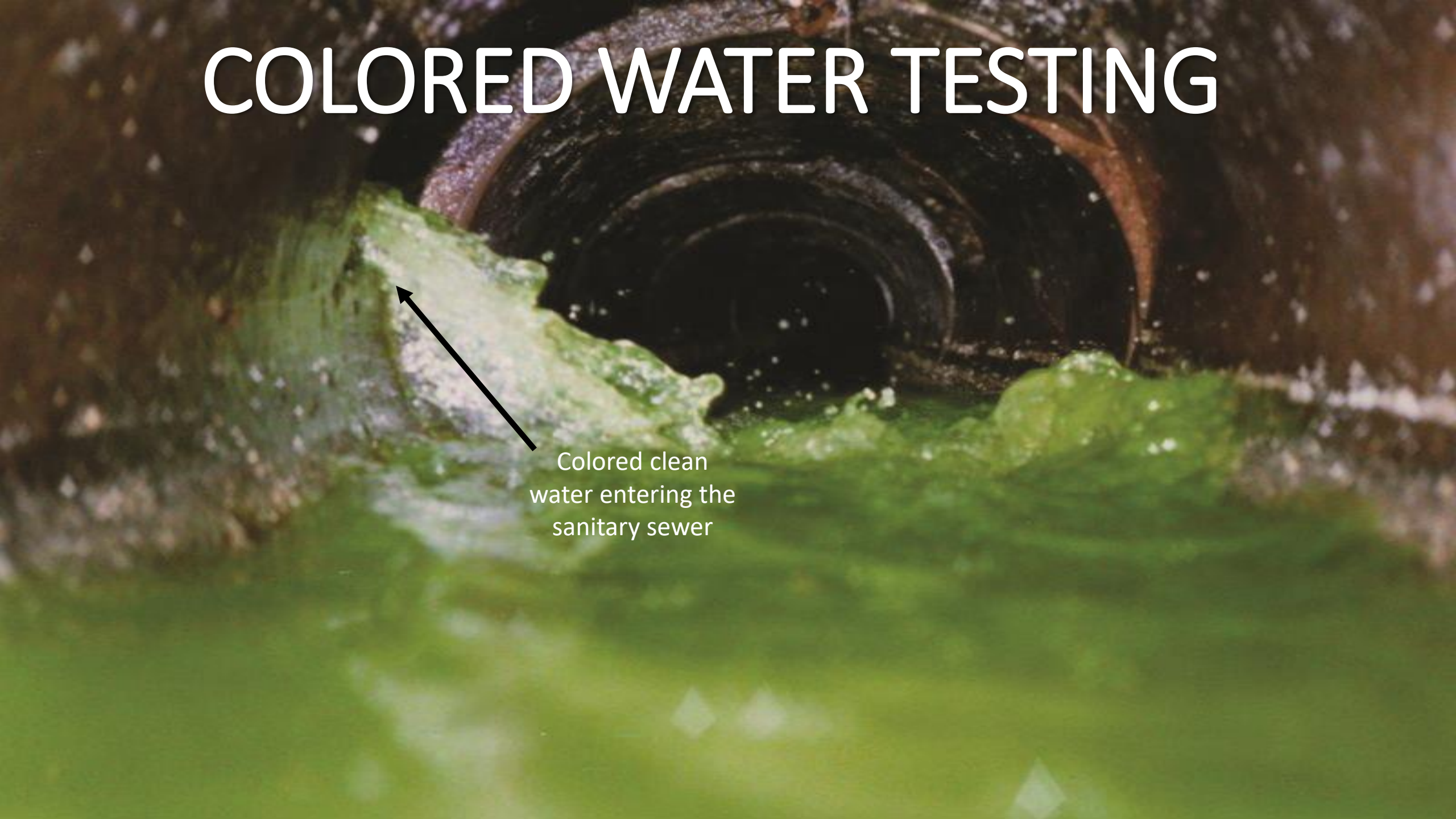
Infiltration

Cracks
Fractures
Openings

Water leaves the storm and enters the sanitary

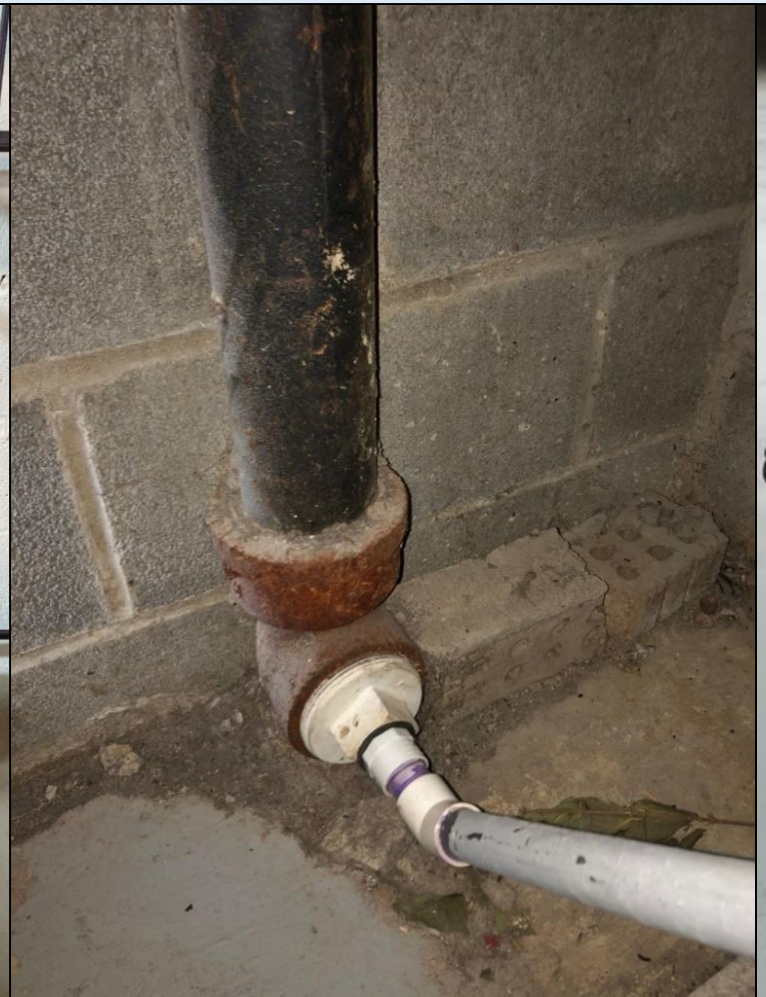
HOW DO WE FIND OUT IF CLEAN WATER IS ENTERING THE SANITARY SEWER

COLORED WATER TESTING



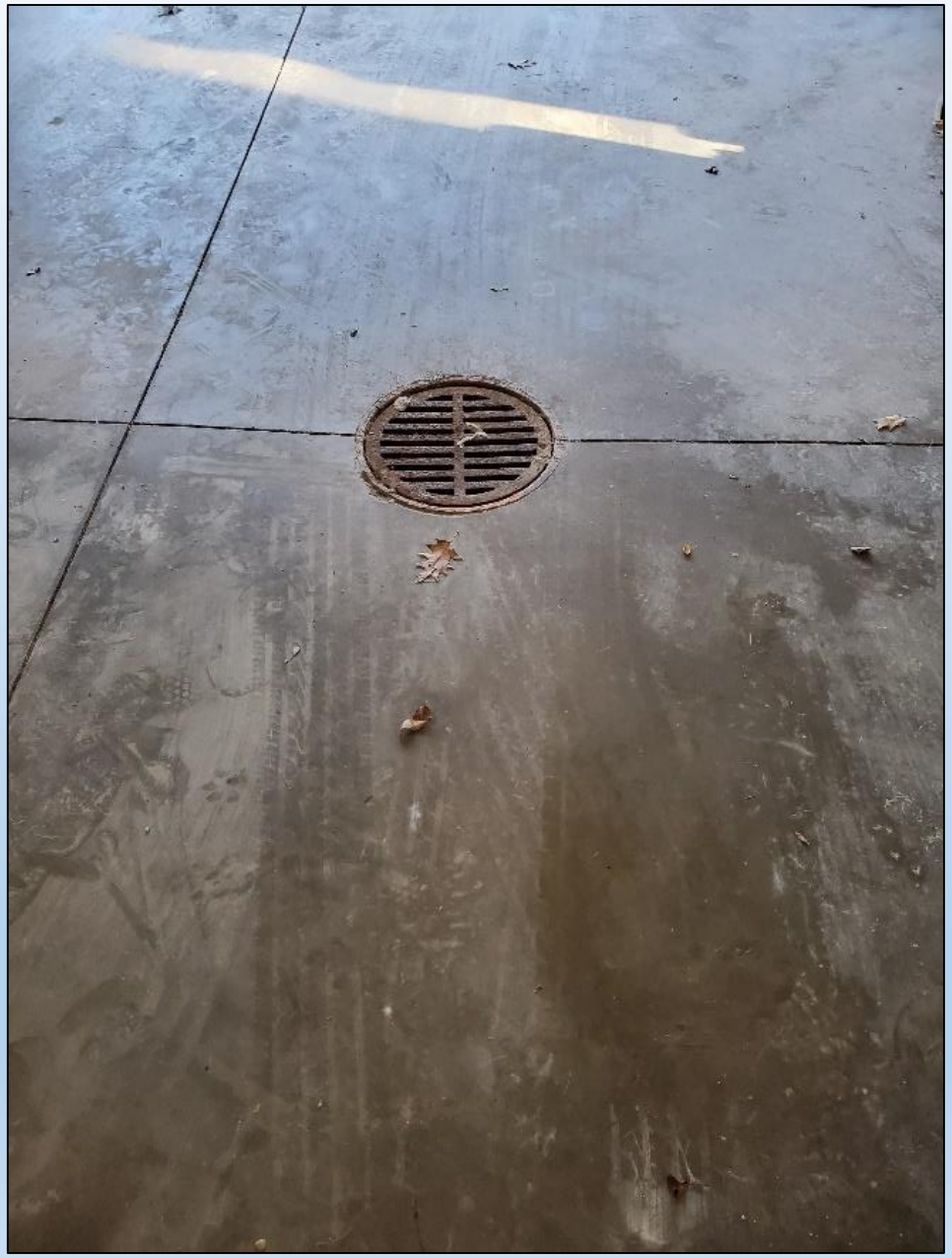
Colored Water Testing

- Add colored water to clean water sources
- Televise lateral from the mainline sewer

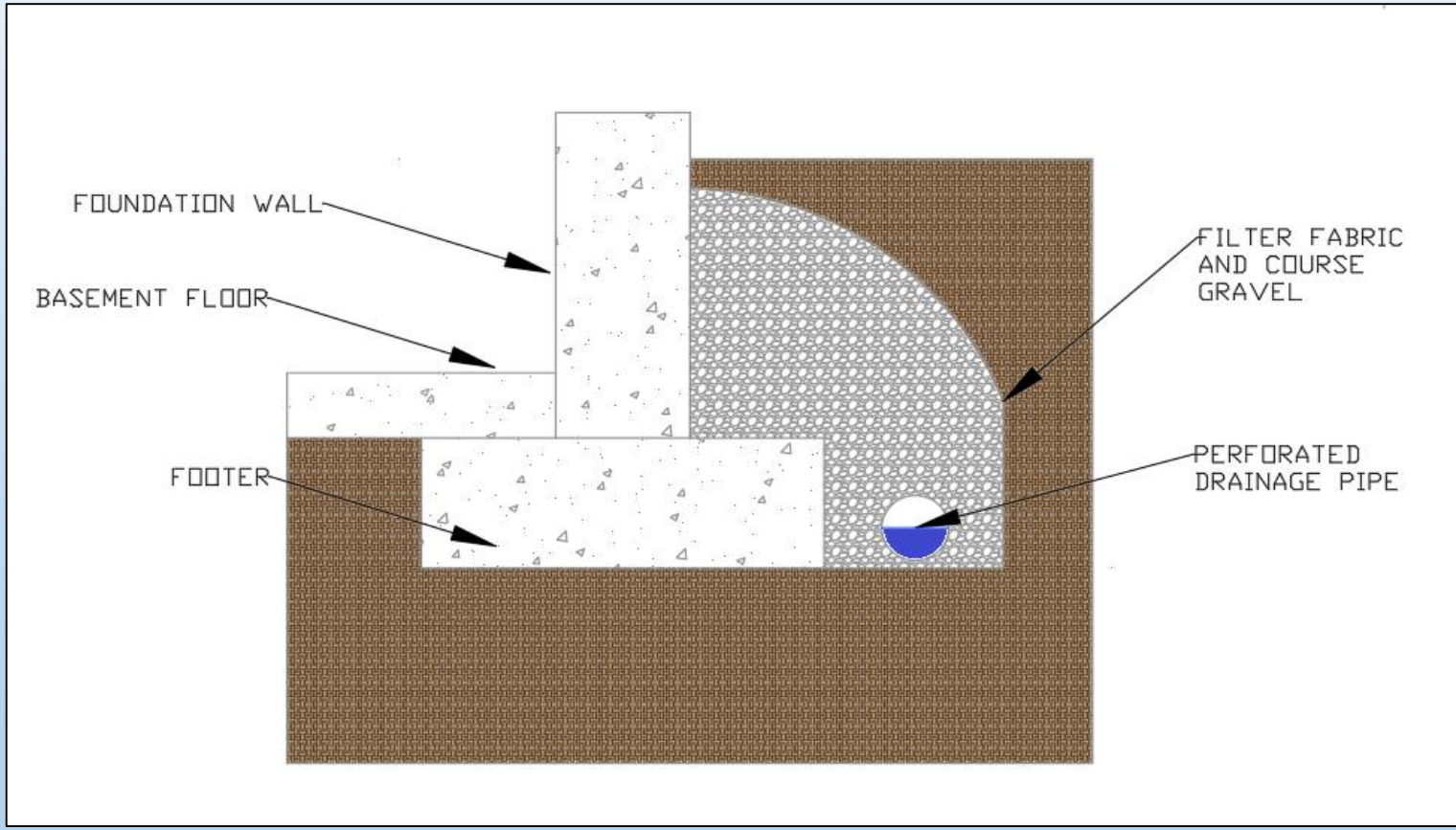


Downspout

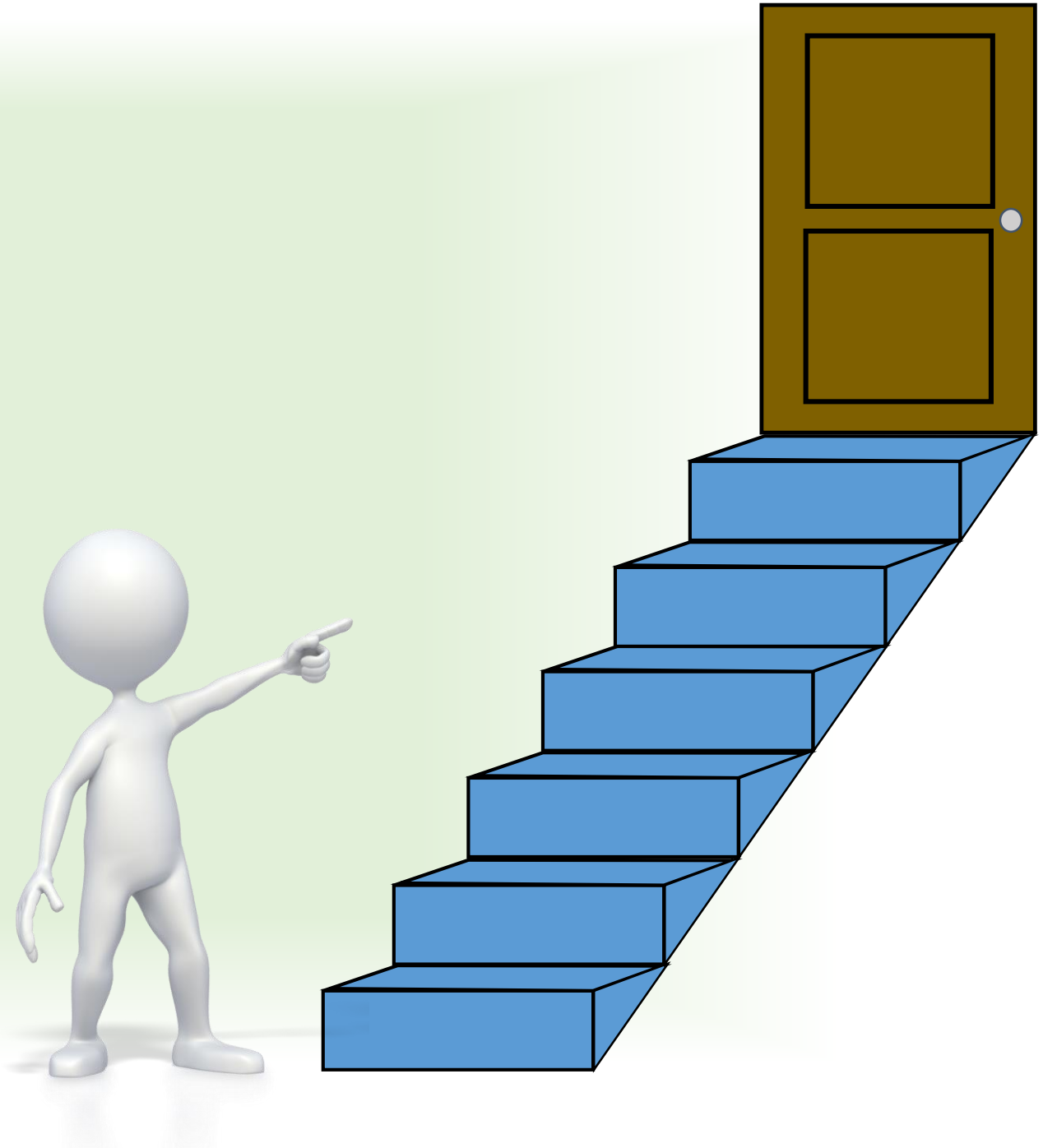
Driveway Drains or Yard Drains



Foundation Drains



NEXT STEPS



Scheduling your review

- Appointments available Monday – Saturday between 9 AM – 7 PM
- Owner or tenant will need to be present during inspection.
- This project has a one point of contact to schedule appointment or ask information about the reviews. He can be reached 24/7 and has voicemail.

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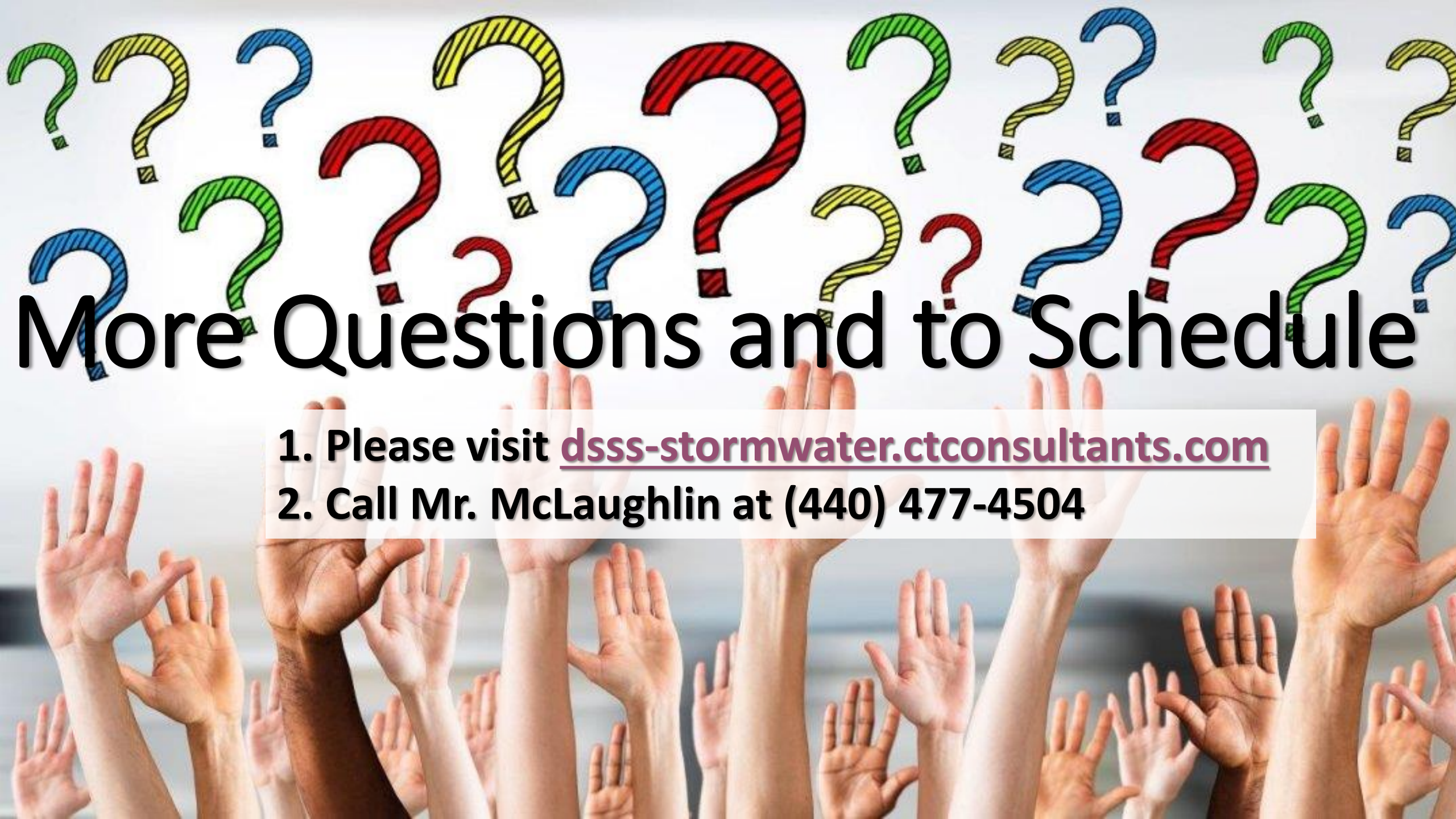
C: (440) 477-4504
O: (440) 530-2352



More Questions and to Schedule

1. Please visit dsss-stormwater.ctconsultants.com
2. Call Mr. McLaughlin at (440) 477-4504