

Welcome to the West Caln Township

Sewage Management Program



Sewage Management Program Ordinance

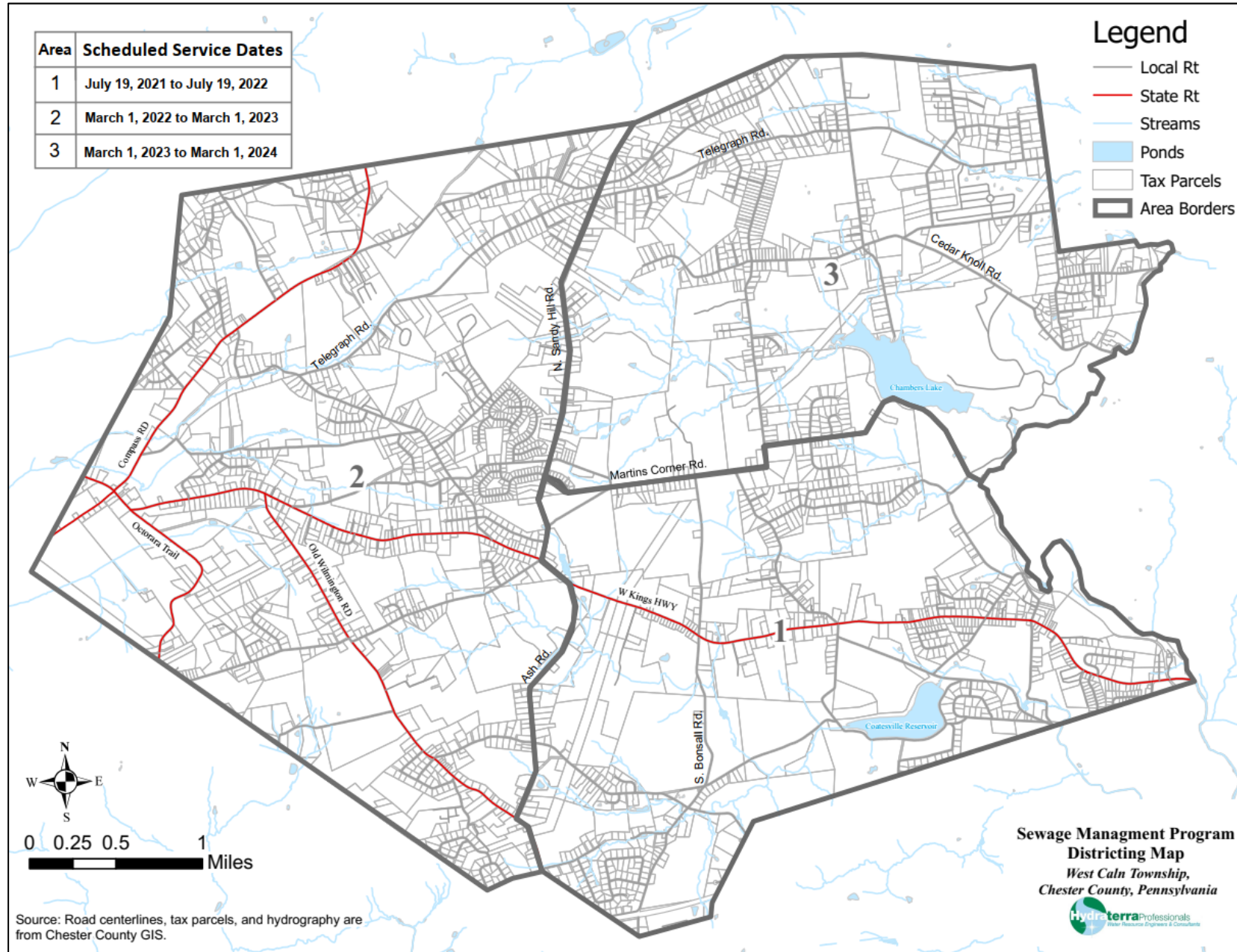
- In March 2021, Pennsylvania Department of Environmental Protection mandated the Sewage Management Program (SMP).
- In June 2021, the Township formally adopted the Sewage Management Program Ordinance No. 02 of 2021.
- SMP Goals:
 - Educate Property Owners on the use of OLDS
 - Establish inventory of OLDS and COLDS
 - Eliminate pollution into local streams and groundwater by correcting potential problems
 - Maximize the life of OLDS, and minimize the need for public sewers

SMP Property Owner Procedure

Owners with an On-lot Disposal System (OLDS) or Community On-lot Disposal System (COLDS) should:

1. Locate their property on the SMP Districting Map to determine date of service
2. Visit Chester County Health Department Website (<https://www.chesco.org/983/Sewage-and-Water-Contractors>) for a list of Licensed Liquid Waste Pumpers
3. Locate system design, repair or replacement documents to share with Liquid Waste Pumper prior to service
4. Locate system components and uncover access points to treatment and pumping tanks

SMP Districting Map



SMP Liquid Waste Pumper Procedure

- Prior to service, schedule visit and discuss site-specific information with homeowner
- Pump and clean all tanks
- Collect Inventory of OLDS
- Complete Chester County Pumping Checklist
- Report problems to homeowner

Why is Pumping and Observation Important to Homeowner?

- Continued use of OLDS will result in solids (sludge) and scum build up in tanks
- As a result, tanks should be pumped at least once every 3 years
- Early detection of potential or existing malfunctions reduces overall cost and could avoid a complete system failure
- Maintains cost effective on-lot sewage disposal and minimizes need for expensive public sewers



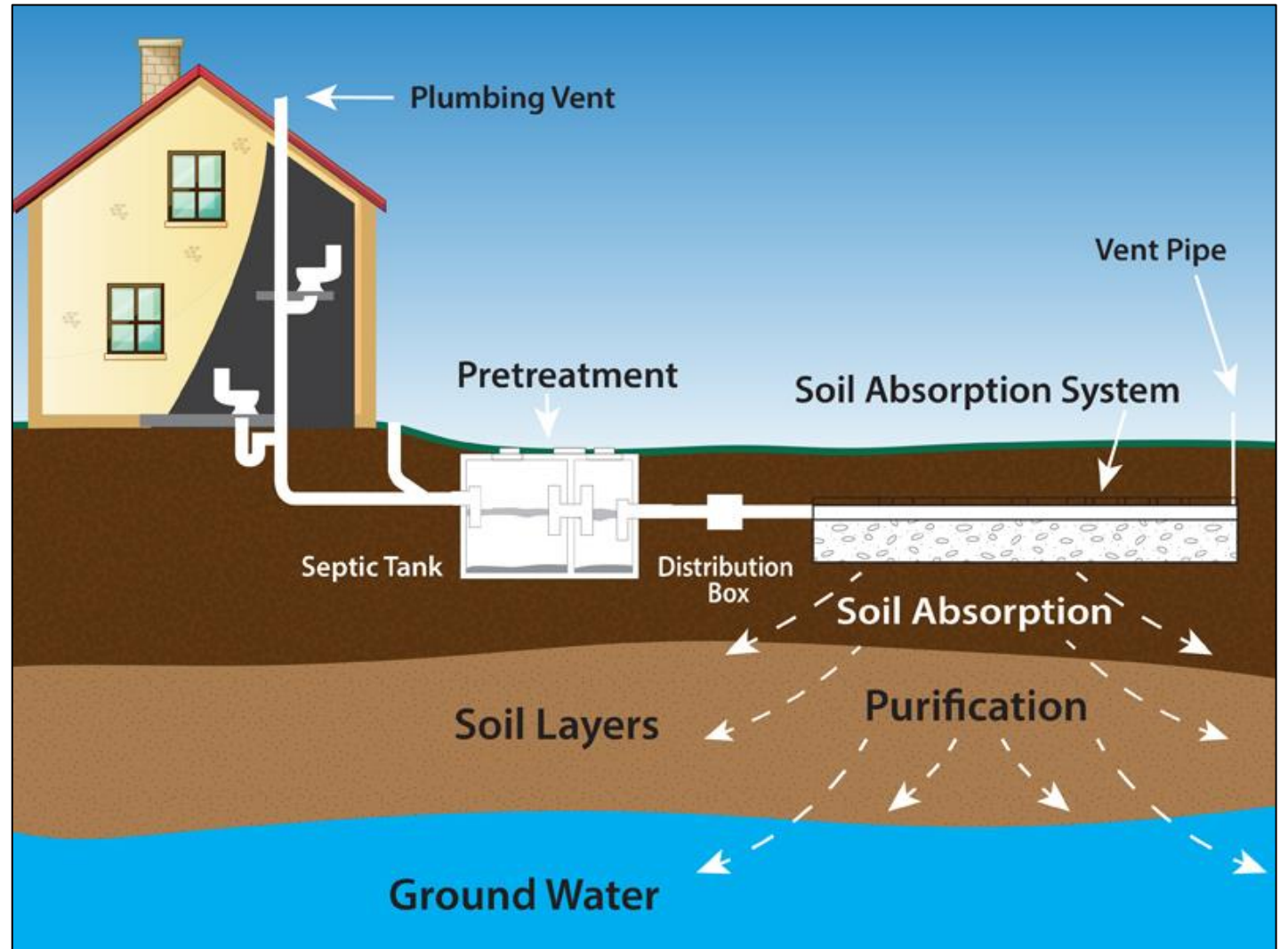
Why is Pumping and Observation Important to the Township?



- Protects public health by reducing system malfunctions and surface discharge of untreated sewage
- Prolongs life of OLDS through regular maintenance, repairs/ replacements
- Increases property values and eases property transfers through reduced malfunctions
- Improves sewer planning efficiency by accurately identifying inventory

Three Important Parts of OLDS

1. Building Drain (Inside the House)
2. Treatment Tanks
3. Disposal Field



Inside the House- Cooking



- All appliances drain water and wastewater into your septic system
- It's important while cooking to:
 - Dispose of fats & grease using a garbage can
 - Dispose of leftover food into garbage rather than using garbage disposal and sink

Inside the House- Cooking Quick Tip



Inside the House- Water Conservation



- Septic systems can only handle a set amount of water at a time

- Water conservation helps avoid excess water in your system- which could increase chance of failure



- Best Maintenance Practices:

- Check for leaky fixtures
- Install low-flow appliances
- Stagger laundry throughout the week

Inside the House – Water Conservation Quick Tip



Inside the House- What Not to Flush

- Avoid flushing or draining of harmful materials such as:
 - Harsh drain cleaners
 - Pesticides
 - Paint thinners
 - Septic tank additives
 - Paper towels
 - Napkins
 - Feminine products
 - Wipes, Diapers, etc.



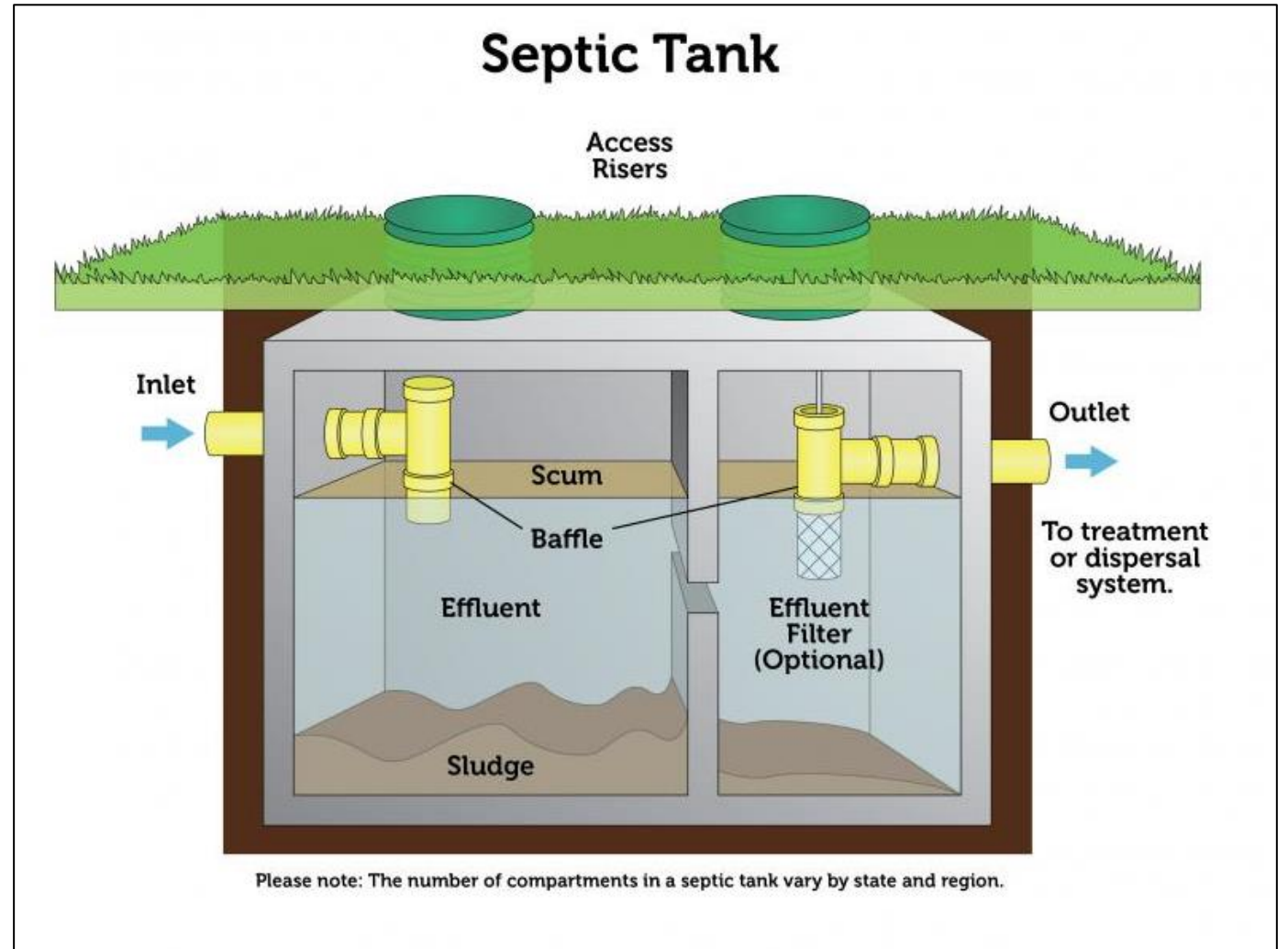
- These items can damage or buildup causing failure and costly repairs
- Dispose of the above items in a garbage can, not toilet

Inside the House – Flushing Quick Tip



Treatment Tank

- Where the sludge, liquid and scum separate.
- Common Components:
 - Inlet and Outlet
 - Access port (with lid cover)
 - Baffles
- Other Tanks:
 - Pump Tank
 - Cesspool



Treatment and Pump Tanks

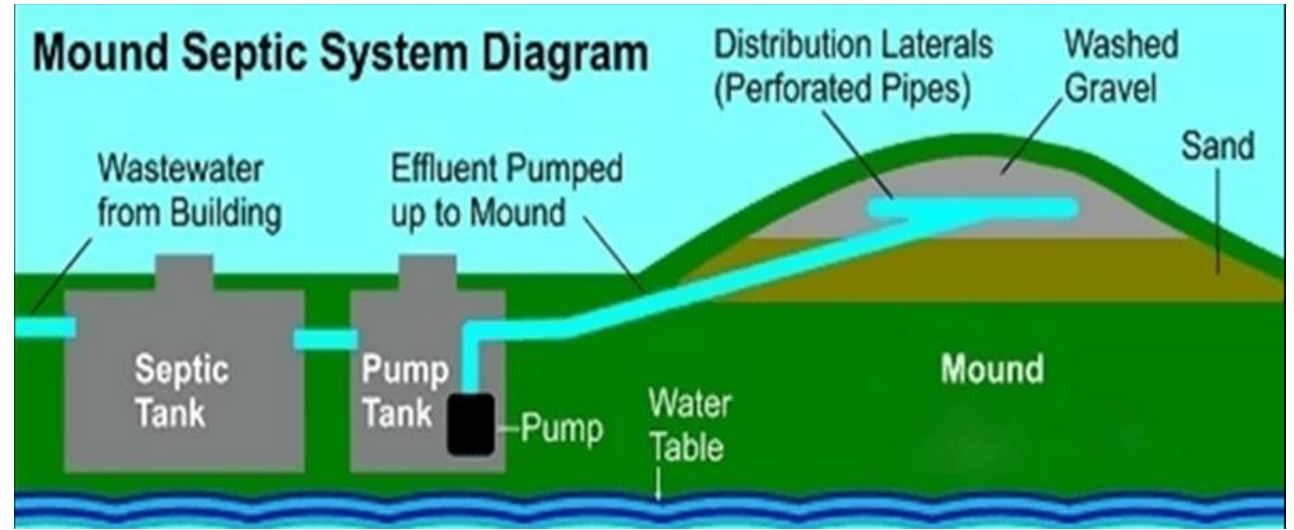
- Best Maintenance Practices outside of the house
 - Have tank pumped in accordance with Sewage Management Program
 - Check for leaks and inspect components regularly
 - Repair or replace malfunctioning equipment as soon as possible
 - Direct stormwater drainage away from:
 - Building sewer
 - Clean outs
 - Treatment and Pump Tanks



Treatment Tank – Treatment Tank Quick Tip

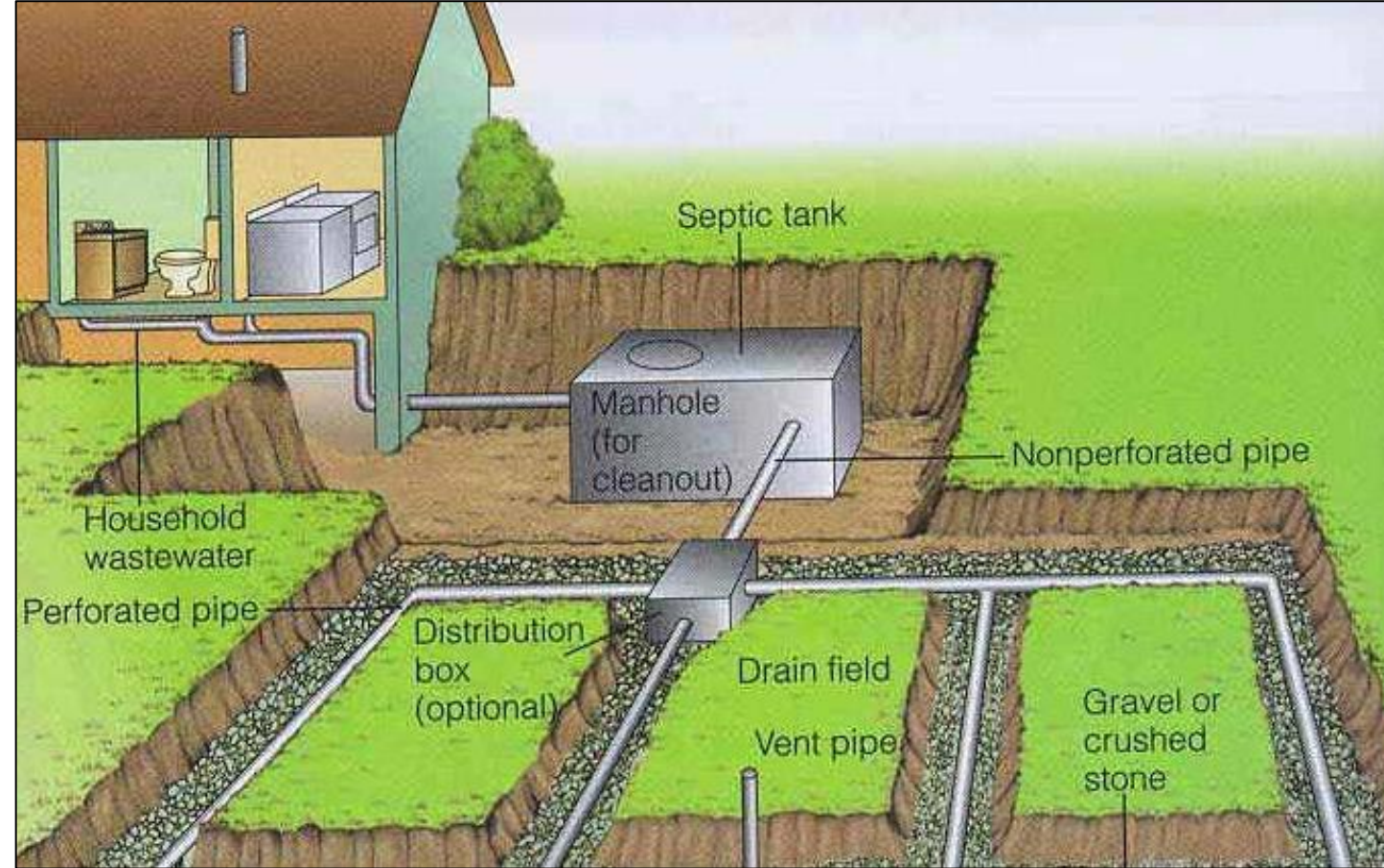


Pump Tanks



Disposal Field (Absorption Area)

- Liquid exits tank to field and is distributed by:
 - Distribution Box (gravity)
 - or
 - Pump Tank (pressure dosed)



Disposal Field (Absorption Area)

Best Maintenance Practices

- Have your disposal field inspected routinely
- Do not allow trees or woody vegetation to grow on field
- Stormwater should drain away from field
- Notice ponding or odor around field
- Do not drive or park on your disposal field
- Repair or replace malfunctioning equipment as soon as possible



Disposal Field – Disposal Field Quick Tip



Septic System Failures



Financial Options

- Should repairs or replacements of system components be pursued by homeowners, low interest loans are available to help financially.
- **Pennvest-** Offers Homeowner Septic Loan Program (pamphlets provided in the back of room) 1-855-827-3466

For Additional Information

- Visit the Township website, check the “Sewage Management Program” tab
- Visit the information links provided on the Township website
- See the pamphlets at the back of the room, and at the Township Building
- Speak with your Service Provider
- Attend Future SMP Educational Meetings



Credits



Questions?

