

Morgan County Health Department 4275 N St Rt 376 NW McConnelsville, OH 43756

Phone: 740-962-4572

Fax: 740-962-3271

POLICY AND REQUIREMENTS FOR SEWAGE TREATMENT SYSTEM PERMITS

SITE EVALUATION

- 1. Contract with a soil scientist through the Association of Ohio Pedologists at www.ohiopedologist.com or the Ohio Department of Health at https://odh.ohio.gov for a soil evaluation. Partial list is attached.
- 2. A system design must be created by either a soil scientist or registered installer.
- 3. Obtain a Development Permit signed by the Floodplain Manager and a copy of the Plat Map of the proposed property. (these can be picked up at the County Engineers Office (740.962.3171) in the Riecker Complex)
- 4. Submit copies of the development permit, plat map, soil evaluation, and system design to the Morgan County Health Department for review along with a site evaluation fee of \$150. A site evaluation date and time will be scheduled. Property owner's Registered Installer MUST be present at the site evaluation.
- 5. **Grass must be mowed for any site evaluations and all dogs must be restrained.** Disturbed and/or compacted soils CANNOT be used for sanitary leaching. It is recommended that the property owner be at the scheduled site evaluation along with the Registered Installer.
- 6. The health department completed site evaluation is **valid for five years** from the date of approval provided there are no changes to the site conditions or the system design, including the sewage source.
- 7. Any and all variance requests must be presented to the local Board of Health. Variance fee is \$100.

INSTALLATION PERMIT

- 8. Purchase a Sewage Treatment System Permit and provide your Morgan County Registered Installer's name on the application. (\$525.00) This permit is valid for 12 months.
- 9. Final inspections must be scheduled at least 24 hours in advance. System MUST be left uncovered for the final inspection. After completion of the installation and a final inspection, the installer will cover the system. Systems CANNOT be installed in wet conditions.
- 10. An As-Built drawing, that is in compliance with the Morgan County Health Department, is required to be submitted for FINAL approval.
- 11. A 12-month inspection will be performed by the Morgan County Health Department at no additional charge.

OPERATION PERMIT

Property Owner must complete and **SIGN** the application. The initial OPERATION PERMIT fee is waived for new systems. A renewal fee of \$25 is due after TEN years along with an inspection report due for ALL sewage treatment systems installed after January 1, 2015. The septic system must be pumped and/or inspected by a registered contractor once every ten years. Upon future transfer of property, the new owners must be notified during the disclosure process that an Operation Permit is required.

ABANDONMENT PERMIT

There is a \$50 ABANDONMENT PERMIT fee due *ONLY whenever an old septic tank is being replaced*. Form is available in our Office. Must be completed & signed by Registered Installer.



ON-SITE EVALUATION APPLICATION FOR MORGAN COUNTY HEALTH DEPARTMENT SEWAGE PERMIT ISSUANCE APPROVAL \$150 APPLICATION FEE

tructure Inforr	nation: # Bedrooms:				TOWNSHIP:			
			OR #Employee	es and Type of	Business:			
Acres/Lot size:			CIRCLE: Private or Public Water Vacant Land: YES / NO)	
*	PLEASE ATTACH A CO	PY OF SOII	I ANALYSIS or NPC	SES PERMIT	WITH THIS A	APPLICATIO	N*	
_	er or Owner Designee In			ZOT EKWIT	<u> </u>	AIT LIGATIO	<u></u>	
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lome Phone		Cell Phone		Email				
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Business Phone _		Cell Phone		Fax OR Ema	ail			
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Registered Installers for Household Sewage Treatment Systems

ID#	Business / Name / Phone	Address
10	B. Southall Excavating, LLC. Brian Southall 740-767-4028	7150 E. Kittle Ln. Glouster, OH 45732
36	Butch's Excavation, LLC. Butch Vinka 740-685-9686	11455 Kackley Lane Pleasant City, OH 43772
1	Eddleblute Excavating, LLC. Scott Eddleblute 740-559-3706	1490 Main St. Stockport, OH 43787
5	Fouss Septic Systems Laura Fouss 740-896-2425	2523 Highland Ridge Rd. Suite A Lowell, OH 45744
9	Joe Huck Contractor, Inc. Rodney Huck 740-984-2216	P.O. Box 46 Waterford, OH 45786
3	Johns Excavating, LLC. Allen W. Johns II 740-516-6776	1330 Paw Paw Creek Rd. Lower Salem, OH 45745
13	King Future Builders Duane King 740-554-3121	7110 Old Grade Rd. Chesterhill, OH 43728
6	LM Excavating, LLC Leroy Miller 740-517-0189	3400 Finley Rd Malta, OH 43758
25	Shriver Septic & Excavation, LLC. Austin Shriver 740-350-0688	1271 Righteous Ridge Rd. Waterford, OH 45786
16	Singree Construction Services Casey Singree 740-517-0274	10620 Triadelphia Rd. Crooksville, OH 43731
30	Zemba Bros., Inc. Stephanie Durant 740-452-1880	3401 East Pike Zanesville, OH 43701

Approved Soil Scientists

Approved as per OAC 3701-29-07 (A)(1) & (2)

SSA Soils professionals Certified					
to work in Ohio	Company	Location	Phone Number	Email Address	Areas Covered
Richard Buzard	Buzard Soil Consulting LLC	Massillon, OH 44646-4865	(330) 832-7448	<u>buzard.soils@sssnet.com</u>	
Barry Cavanna	J&L Environmental Solutions, LLC	Wooster, OH 44691	(925) 628-8187	bcavanna1@gmail	
				cc.cole2@suddenlink.net	Gallia, Meigs, Washington, Lawrence ar
Carlos Cole		Ripley WV	(304) 372-4809	cc.colez@suddeniink.net	Athens
Matt Deaton	Deaton Soil Services, LLC	Eaton, OH 45320	(937) 533-9991	deatonsoilservices@gmail.com	
James Fincham	Fincham Soil Invest	Chardon, Ohio	(440) 479-5654	<u>irfinchsoil@yahoo.com</u>	
Stephen J. Hamilton	Hamilton Soil Investigations, LLC	Hillsboro, OH 45133	(937)-763-5597	hamiltonsoil23@gmail.com	
Todd A. Houser		Wadsworth, OH 44281	(330) 573-7811	ConSci7942@gmail.com	
Frank Gibbs	Wetland and Soil Consulting Services, LLC	Rawson, OH, 45881	(419)-963-2542	fegibbs21@gmail.com	
Rex Mapes	Mapes Soils Investigations	Powell, OH 43065-9432	(740) 548-6788	Digger2076@aol.com	
Floyd E. McCleary	McCleary Soil Investigations, Inc	Warren, OH 44484	(330) 393-7645	flomcclea@aol.com	
Dan Michael	Clear Creek Service	Lebanon, OH 45036	(800) 299-4257	clearcreekservice@yahoo.com	
Steve Miller	Soil and Env Consulting Services Inc.	Sunbury, OH 43074-9509	(614) 579-1164	soilconsultant@yahoo.com	
Larry Milliron	Milliron Soil Evaluations, LLC	Berlin Center, OH 44401	(330) 547-2475	milliron.soils@embarqmail.com	
Steve Prebonick		Warren, OH 44483	(330) 847-2803	ChampionSoils@aol.com	
Jeff Rice	Hammontree & Associates, LTD	North Canton, OH	(330) 499-8817	jrice@hammontree-engineers.com	East half of Ohio
Steve Ross	Soil & Site LLC	Cardington, Ohio 43315	(419)-718-4301	steve.s.ross@gmail.com	
Richard L Scharf	Environmental Services Inc	Canton, MI	(252)-402-7354	rscharf@esinc.cc	West half of Ohio
Joseph R. Steiger	Joseph R. Steiger, Soil Scientist LLC	Zanesville, OH 43701-1106	(740) 454-3734	jc.steiger@att.net	
Mitchel R Strain	Smart Services Inc	Newark, Ohio 43055	(740) 345-4700	mstrain@smartservices-inc.com	
Larry A. Tornes	Tornes Soil Investigations LTD	Sunbury, OH 43074-9509	(740) 965-3254	larrytornes@aol.com	
Curtis Turner	ShearWater Soil	Hillsdale Mi 49242	(574)-360-5795	shearwatersoil@hotmail.com	
				d	Ashland, Holmes, Medina, Stark,
Duane Wood	L Wood Consulting LLC	Wooster OH 44691	(330) 464-4722	dwood8830@gmail.com	Tuscarawas, Wayne Counties.
Nathan Wright	Geophyta	Vickery Oh 43464	(419) 547-8538	nathan@geophyta.com	
Jason Undercoffer	On Point Soils LLC	Howard, OH	740-263-7555	jsu@onpointsoilsllc.com	Knox and surrounding areas

The Soil Scientist on this list have expressed interest to Ohio Department of Health in doing soil evulations in Ohio 5/15/2020

Approved Soil Scientists

Ohio Department of Health
Residential Water and Sewage Program
Soil Evaluators Approved Under Ohio Administrative Code Rule 3701-29-07 (A)(5)

Please note: These individuals are approved to provide soil evaluations after December 31, 2016

Name	Company	Address	Phone	Phone 2	Email	Demonstration of Criteria Post December 31, 2015	Reciprocity State
Baldwin, Kyle	Roxsol, LLC	Zanesville, OH 43701	740.704.1879		kylebaldwin@roxsol.com	х	
	The Mannick & Smith		419-891-2222 x.				
Buhovecky, Greg	Group, Inc.	Maumee, OH 43537	197	419-270-2804	Gbuhovecky@manniksmithgroup.com	х	
Burns, Ray	NeoSoils Inc.	Huntsburg, Ohio 44046	440-285-5035		neosoilstesting@gmail.com	х	
Cattrell, Donald "Mitch"	Colombiana County General Health District Flowers Septic System		(330) 424-0272			Х	
Flowers, Mark	Design, Inc.	Newark, OH 43055	740.587.7363	740.328.7656	MarkFlowers777@gmail.com	x	
Lewis, Kevin	Kevin Lewis LTD	Albany, Ohio	740-590-4939		kl118892@ohio.edu	Х	
Kauffman, Craig		West Liberty OH 43357	937-935-9701		Ckauffman@woh.rr.com	х	
Malmisur, Sam	Native Soils LLC	Youngstown, OH 44511	330-986-7002	330-793-3295	nativesoils@yahoo.com	х	
Priest, Terry		Corning, OH 43730	740-767-3982		priestterry12@gmail.com	х	
Redmand, Doc	HSTS Services, Inc.	Discriberton OH 45407	419.606.2625		hstsservices@yahoo.com	x	
Sneed, Jason		Blanchester, OH 45107	513-256-7747		jason.sneed513@gmail.com	Х	
Wiley, Robert	Good Ground, LLC	Albany, OH 45710	740.698.9100	740.591.4776	info@goodground-llc.com	X	

last updated 06.26.20



Morgan County Health Department 4275 N St Rt 376 NW McConnelsville, OH 43756

> Phone: 740-962-4572 Fax: 740-962-3271

Sewage Treatment System Operation Permit

Property Address:	
System Type:	Service Contract Required:
Morgan County Health Comm Treatment System must be full lights, pumps, etc.) and the sy	dewage Treatment System rules, 3701-29 of the Ohio Administrative Code, the dissioner or designee may enter the property at any reasonable time. Sewage actioning as designed. All components must be operating properly (aerators, UV stem cannot be failing or creating a public health nuisance. It is further required spections, service contracts, and effluent sampling.
and to begin on the date of or and an inspection report (to d	muary 1, 2015 will be granted a ten-year operational permit initially without charge ginal septic permit issuance. Requirements for renewal include a \$25 filing fee monstrate maintenance and compliance) once every ten years. Inspector may spection reports shall be completed by registered sewage program contractors roviders).
with a \$25 filing fee. It is fur	her required to either have a pumping report/receipt less than five years old OR ection. Requirements for renewal are the same as above.
sewage system requires an op	this property, the new owners must be notified during the disclosure process this eration permit. Failure to maintain and operate the sewage treatment system in 29 of the Ohio Administrative Code may result in the operation permit being Board of Health.
I acknowledge and agree to t	e above terms –
Owner Name (print):	Owner Signature
Date Issued:	Date Expires:
Permit Fee Paid: _	Permit Number:

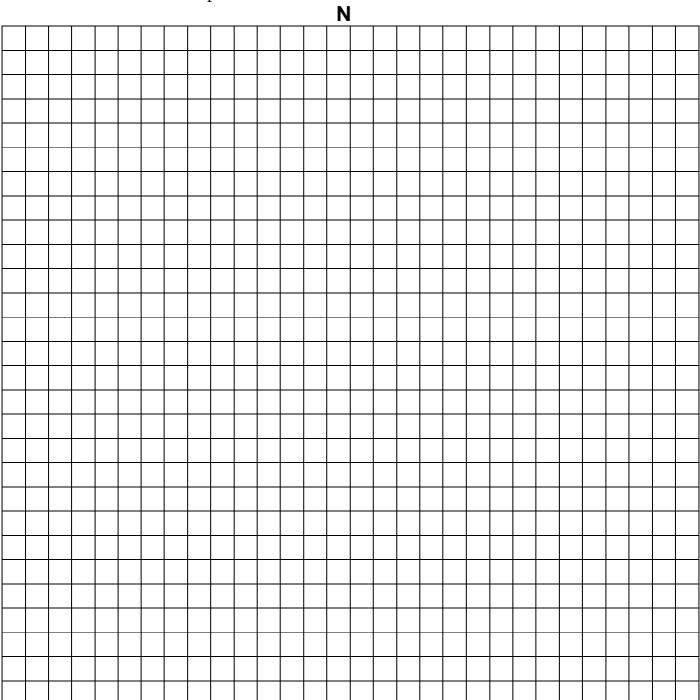
Receipt #			Permit #
Local Health District	_		stall or Alter Itment System
The issuance of this permit confirms that all		ule 3701-29-09(B) are co	mplete as documented below.
□ Site Review Application, associated fees, and the f □ Completed Soil Evaluation in accordance with OA □ If applicable, Incremental replacement plan as p □ Application for Permit and associated fees □ Proof of registration with the Ohio EPA Class V injection in the object of the complete seems of the comp	DAC rule 3701-29-07, If waiv C rule 3701-29-10 Esper OAC rule 3701-29-09 (C) ection well program \(\sum \next{N/A}\)	stimated System Cost: \$).	
			TOWNSHIP
Property Street Address, City, OH (location of the inst	allation, replacement or alte	ration)	
STS Contractor(s) performing the work.			
Company Name:			Installer Registration #:
Company Address:			
Company Name:			Installer Registration #:
Company Address:			•
 The installation, replacement or alteration shall of approval, the design, and Chapter 3701-29 of the The owner of the STS and/or an authorized ager installer, and Ohio EPA, if applicable. The protection of the sewage treatment system at This installation, replacement or alteration permit quality of the work, or if other conditions arise that This permit is valid for one (1) year from the date. Sewage Treatment System Permit Requirem. 	e Administrative Code. It shall be responsible for all area is required prior to, during the may be revoked by the boat are not in compliance with a issued by the Board of Hear	coordination between the loc ng, and after construction. Ind of health prior to its expira Chapter 3701-29 of the Adm lth.	cal health district, designer, soil evaluator, tion if a change in site conditions, the hinistrative Code.
Sewage Treatment System:		3. ☐ Non-NPDES System	
Gray Water Recycling System:		3. □ Type 3	4. □ Type 4
System Description: 1.	2. Pretreatment to s 5. Septic tank to sar 8. Pretreatment to d 11. Septic Tank to LF 14. Privy or Holding t 2. Two foot credit al prior to this permit being	hallow leach lines 3. nd mound 6. Irip distribution 9. PP 12. ank 15. lowed \square S issued? \square Yes \square No	☐ Septic tank to 18"-30" leach lines ☐ Pretreatment to sand mound ☐ NPDES System ☐ Pretreatment to LPP ☐ Sand Lined Systems ix inch credit allowed
Date Approved (If Yes): Comments:	Variance	requested for OAC 3701-29	·
PROPERTY OWNER or DESIGNATE REPRESENTA	ATIVE SIGNATURE (if applic	cable) DAT	E OF SIGNATURE:
THIS PERMIT IS	S VALID ONE (1) YEA	R FROM THE DATE IS	SSUED.
DATE ISSUED	` ,		PLACE AUDIT STICKER BELOW
PERMIT ISSUED BY (RS or SIT only)	SIGNATURE		
PERMIT EXTENSION			
Approved By	Date Approved	Date Expires	

SEWAGE TREATMENT SYSTEM AS-BUILT **Property Information** Permit #: Property Address: _____ Owner: ____ Benchmark Location: Elevation: **Building Sewer** $\Box 4$ PVC (DWV) ASTM D 2665 equiv. or $\Box 4$ ABS ASTM D 2661 equiv. Total Length: # of cleanouts: Elevation at building: _____ Elevation at tank: _____ **Primary Treatment** Tank Type: Precast / Plastic Size: gallons Tank Manufacturer: ______ (Both size & name must be stamped on top) Pretreatment Device: Serial # Distributor: Bedding Material: Depth: Backfill Material: Risers: Y / N Baffles: Y / N In & Outlets Sealed: Y / N NSF Effluent Filter: Y / N **Dosing Tank/Lift Station** Type: Precast / Plastic Size: gallons Risers: Y / N In & Outlets Sealed: Y / N Bedding Material: _____ Depth: _____ Backfill Material: _____ **Pumps** Manufacturer: Size: □ UL or Distribution Depth of Trench Bottom: Trench Width: _____ Pipe Material: Type & Size of Aggregate: _____ Depth of Aggregate: Total Lineal or Square Footage:_____ Other Disclaimer This sewage treatment system was installed in accordance with all applicable rules and plan _____(Company Name). specifications by _____ Signature Date

AS - BUILT DIAGRAM

Please indicate the following in the diagram:

- Benchmark & all isolation distances
- Roads, buildings, driveways, water supply, water lines, surface water, lot lines, and all STS components
- Length of each trench & elevation of bottom of each trench from beginning to end
- If and when laser is repositioned



Remit copy to Health Department and to property owners along with manufacturer O & M instructions and compliance with any start-up procedures.

Local Health District:		_		Permit #	(if applicable)	
	Sewage Treatment					
	Syster	n (STS)		Audit Sticker (if applicable)		
	Aband	onmei	nt			
	Permit	/Керо	rt			
applicant at the time th	audit sticker and signatures must ne permit is issued. The report mu					
Property Information Address:	on	Towns	ahin:		County	
Location Address.		Towns	snip.		County:	
Reason for abandonment:						
Owner Information						
Owner Name:			Phone Nu	nber:		
Mailing Address:						
Applicant Stateme	nt of Compliance					
-	atment system or component(s) will be e treatment system or component(s) to					
Signature of owner or authorized re	epresentative:		Da	te:		
For office use only:						
Permit Issue Date (if applicable):	Sanitarian Name (printed):		Sanitaria	an Signature:		
Abandonm	nent Completion	n Repo	rt	Date comp	leted:	
System Contents (Note: Completed pumping report	t must be attach	ned)			
Registered Septage Hauler:			-			
Wastewater Disposal Site:	S	Solid Waste Disposa	al Site:			
·		•		od of abanc	lonment)	
Wastewater Disposal Site: Abandoned Compo	onent(s) (List all components	•		d of abanc	lonment)	
Abandoned Compo	onent(s) (List all components	s abandoned ar		d of aband	lonment)	
Abandoned Compo	Onent(s) (List all components N	s <i>abandoned ar</i> Method:		od of abanc	lonment)	
Abandoned Component 1:	Onent(s) (List all components N	s abandoned ar Method: Method:		d of abanc	lonment)	
Abandoned Comport Component 1: Component 2: Component 3: Component 4:	Onent(s) (List all components N	s abandoned ar Method: Method: Method:	nd metho	d of aband	lonment)	

HEA Form 5441 (Rev 01/16)

Sanitarian Signature:

Local Health District Inspection (if applicable)

Sanitarian Name (printed):

Date:

- appliances, use high efficiency plumbing fixtures, and repair any leaks in your home.
- For more information, go to https://www.epa.gov/watersense/
- Shield your field.
 - Keep your car and anything heavier than your lawnmower off your drainfield.
 - Eliminate or limit the use of a garbage disposal. This will significantly reduce the amount of fats, grease, and solids that enter your septic system and could clog your drainfield.
 - Plant trees away from the drainfield since tree roots can clog the field and cause the system to fail.
 - Keep excess water from irrigation, significant rainfall, or drains off the drainfield.

Step 4: Preventive Maintenance

What else can I do to help maintain my system?

A typical septic system should be inspected every three to five years by a septic system service provider. The tank should be pumped as recommended by the service provider or as required by your town, county, or state. Generally, you can plan to have the tank pumped approximately every three to five years. Just like changing the oil in your car, preventive septic system maintenance will extend the life of your system for a small cost compared to the cost of replacing the system.

What are the costs associated with the maintenance of a septic system?

Your home's septic system should be inspected every three to five years as part of its routine maintenance and pumped as necessary depending on the results of the inspection. The maintenance service typically costs between \$250 to \$500, based on nationwide industry estimates. Maintenance costs are much more affordable compared to the expense of repairing or replacing a septic system which can cost thousands to tens of thousands of dollars. Contact a local septic system service provider who can provide a cost estimate specific to your area and needs. They can also provide you with more accurate information on how frequently to service and pump out your system.

Step 5: Corrective Maintenance

How do I know if my septic system is not working properly? What do I do?

There are a few signs of a septic system malfunction. If you discover any of these warning signs, call a septic system service provider immediately. One call could save you thousands of dollars!

- Wastewater backing up or gurgling into household drains.
- A strong odor around the septic tank or drainfield.
- Bright green, spongy grass appearing on the drainfield.

With proper care and maintenance, your septic system will serve your home for years to come. That's why it's important for you to do your part and be SepticSmart!

New Homebuyer's Guide to Septic Systems

If you are about to purchase a new home with a septic system, this homebuyer guide is for you!

This guide provides information homebuyers need to know before purchasing a home with a septic system (also known as an onsite wastewater system), how a septic system works, and the importance of having it inspected prior to purchasing a home. In addition, this guide provides information on everyday, preventative, and corrective maintenance for when you are living in your new home.

For additional information, contact your local health department, real estate agent or visit www.epa.gov/septic.



Step 1: Understand your septic system

Does my new home have a septic system? How do I find it?

You most likely have a septic system if:

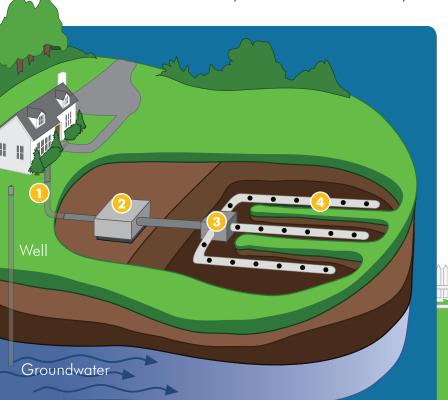
- You are on well water;
- The water line coming into your house does not have a meter;
- Your neighbors have a septic system; or,
- You live in a rural area.

You can find your septic system by:

- Looking at the "as built" drawing for your home's septic system, which you can request from your local (e.g., town, county, or state) health department's records;
- Checking your yard for inspection caps, lids, or manhole covers;
- · Working with a septic system service provider, who can help locate the system; and,
- Asking the seller or realtor.

How does a septic system work?

- 1. All water runs out of your house from one main drainage pipe into a septic tank.
- 2. The septic tank is a buried, water-tight container. Its job is to hold the wastewater long enough for solids to settle to the bottom (sludge) while the fats, oil and grease float to the top (scum).
- 3. For conventional septic systems, liquid wastewater exits the tank and is spread evenly throughout the drainfield, usually through a distribution box. Systems with more advanced treatment may have an additional component between the septic tank and drainfield.



4. Once in the drainfield, the wastewater percolates into the soil, which reclaims the water for future reuse by naturally removing harmful bacteria, viruses, and some nutrients.

This process may vary based on the site conditions of your property (e.g., soil type, proximity to water). A septic system service provider and your septic system's "as built" drawings will be able to tell you what type of system is on the property.



Step 2: Get your system inspected

How can I be sure that my septic system is working correctly?

Buying a home is one of the biggest investments you will make, so you want to avoid any surprises after you purchase the home. Just like your furnace, the septic system is expensive to repair or replace so you want it to be in good condition when you buy the home. Have the system inspected by a septic system service provider before you purchase a home. Inspections may be required by your local or state government or by your mortgage lender. Inspection results can help you decide if the home is right for you.

What should happen during a septic system inspection?

The inspector will check for the following:

- Pumping and maintenance records;
- The age of the septic system;
- Sludge levels and scum thickness in the tank;
- Signs of leakage, such as low water levels in the tank;
- Signs of backup, such as staining in the tank above the outlet pipe;
- Integrity of the tank, inlet, and outlet pipes;
- The drainfield, for signs of system failure like standing water;
- The distribution box, to make sure drain lines are receiving equal flow; and
- Available records, to ensure the system complies with local regulations regarding function and location.

Step 3: Everyday Maintenance

What can I do to help maintain my system every day?

The average lifespan of a septic system is 15 to 40 years, but it can last longer if properly maintained!

- Think at the sink. Consider what you put into your toilet and sink and the impact it may have on your system. Many common household items can either clog your system or kill the microbes that treat the wastewater.
 - "Cloggers" include diapers, baby wipes, cat litter, cigarettes, coffee grounds, grease, and feminine hygiene products.
 - "Killers" include household chemicals, gasoline, oil, pesticides, antifreeze, paint, and high amounts of anti-bacterial soaps and detergents.
- Don't strain your drain.
 - The less water you use, the less your septic system has to work. Stagger the use of