

Sidney-Shelby County Health Department, 202 W. Poplar Street, Sidney, OH 45365
Hours: 7:30 am - 4:00 pm Mon. - Fri., Phone: (937) 498-7249, Fax: (937) 498-7013
Website: www.shelbycountyhealthdept.org E-Mail: sschd@shelbycountyhealthdept.org

HOME SYSTEMS EVALUATION – REQUEST FORM
For private water and/or sewage systems

Name (of requestor): _____ Date: _____

Affiliation to current owner (owner, contractor, buyer, selling realtor, etc.): _____

Mailing Address (of requestor): _____

Phone Number: _____ Fax Number: _____

Email Address: _____

SITE ADDRESS: _____ Township: _____

Owner of Site (if different than above): _____ Phone Number: _____

Current Occupant at Site (if different): _____ Phone Number: _____

Location of Water System: _____

Location of Sewage System: _____

Any Other Useful Info (schedules,locks,fences,dogs,etc): _____

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_____ **WATER SAMPLE** (Fee \$60.00) This is for the Total coliform enumeration/quantitative bacteria test. (Sampled Mon. & Tues. AM)

Other water test(s) requested, if applicable: _____ Fee: _____

Type of Development: Well _____ Spring _____ Cistern _____

Development Status: New _____ *Existing _____ Year Installed: _____

Most Recent Date And Time System Disinfected: _____
A sample cannot be taken until a minimum of 48 hrs. has passed since the system was chlorinated and flushed out.

Location of sampling spigot and arrangements for sampling: _____
(Real estate and refinance may be taken from kitchen spigot, all new wells and rechecks must be taken at the pressure tank)

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_____ **SEWAGE SYSTEM EVALUATION *** (Fee: \$200.00) A minimum of 2 risers are required on septic tanks, 1 over the first compartment inlet and 1 over the second compartment outlet (unless it's a slab lid with no portholes). A riser to grade is required over leach field and sand filter distribution boxes. An inspection port to grade is required on the outlet of sand filters and curtain drains. Aerators shall have 4 risers to grade. Risers and/or inspection ports must be installed prior to evaluation.

Year System Installed: _____ Original Owner: _____

Type of System: Septic Tank Only, S.T. & Leaching, S.T. & Sand Filter, Aerator, Other _____

The House is: Occupied or Vacant If Vacant, for how long: _____

Has the internal plumbing been inspected for gray-water drainage which does not go to the sewage system: Yes or No

Most Recent Date Tank Pumped: _____ The Health Department needs to look at the system prior to pumping to check the system under normal circumstances. The septic tank may need pumped out after the initial evaluation. Under most circumstances, the septic tank will need to be pumped out unless there's proof it was done within the past 2 years. If tank pumping is determined to be required, a receipt to show proof of pumping must be submitted to the Health Department prior to release of the final report.

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Attention: All applicable fees must be paid at the Health Dept. prior to any evaluation(s) being performed. Also, incomplete data/preparedness will result in delays and/or failure in completing the evaluation(s). I have read and completed the requirements for home systems evaluation, and hereby request the above evaluation(s) to be performed. I have completed this form as thoroughly as possible, and all of the above information is true to the best of my knowledge.
*****If an application is submitted for an environmental service and the applicant later requests a withdrawal of the service, 25% of the program fee will be retained by the department as an environmental health administrative fee.**

SIGNED _____ DATE _____

***** (OFFICE USE) *****

Total Due: _____ Date Paid: _____ Receipt #: _____



Public Health
Prevent. Promote. Protect

Board of Health Sidney-Shelby County

202 W. Poplar Street, Sidney, OH 45365

Steven J. Tostrick, MPH, REHS, RS
Health Commissioner

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Various Water Sampling Info

Water standards for all private water systems (wells)

<u>Parameter</u>	<u>Maximum Contaminant Level (M.C.L.)</u>
Total coliform	4.0 CFU/100ml
E. coli	0.0 CFU/100ml
Nitrate	5.0 mg/l strip test (or 10.0 mg/l lab test)

If bacteria are found above these levels, disinfection of the well is the first course of action. Details of this procedure can be found on the water page of our website.

Possible additional water testing for HUD, FHA, VA, and USDA

<u>Parameter</u>	<u>M.C.L.</u>
Nitrate	10.0 mg/l
Nitrite	1.0 mg/l
Total Nitrate/Nitrite	10.0 mg/l
Lead (if old plbg)	15.0 ug/l
Arsenic	10.0 ug/l

These often take longer for the lab to analyze, unless rush processing is paid for.

Notes

1 ppm (part per million) = 1 mg/l
1 ppb (part per billion) = 1 ug/l
CFU = colony forming unit

If you have any further water sampling questions, please feel free to contact us.

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Policy and Procedures for HSTS Evaluation/Inspection

The following are policies and procedures for the evaluation of existing Household Sewage Treatment Systems (HSTS) as it relates to real estate evaluations for real estate transfers, land surveys involving a lot split with a existing dwelling, and for section "C" site evaluations when a sewage application is submitted. This is a guide only and may not fit every situation that arises on an evaluation.

HSTS Section "C", and Land Survey Lot Split with Existing dwelling evaluations

The purpose of these evaluations is to make sure the development or new lot will not impact on the existing sewage system or sewage system replacement area and to ensure that the sewage system is not creating a nuisance. The development or new lot line must be at least ten feet from the sewage areas. This procedure will vary in implementation depending on the system type. The more common system configurations and the evaluation procedure for each are as follows:

- 1. A septic tank only with no permit on file with the Health Department:**
The homeowner or designated agent will have to provide proof of a secondary treatment mechanism. If no secondary treatment mechanism is found, then the system will be required to be upgraded.
- 2. A septic tank and sub-surface sand filter (permit on file):**
The effluent being discharged from the sand filter needs to be inspected for quality. A riser must be in place or installed on the outlet tile of the sand filter.
- 3. A septic tank and leach field or bed and curtain drain (permit on file):**
The effluent level in the septic tank and distribution box can be checked to make sure the leach field or bed is not backed-up. The curtain drain needs to be checked to make sure no sewage water is draining into the tile. The leaching area needs to be probed and walked to see if there is any surfacing sewage water. A dye test may need to be conducted if there is a question to whether or not sewage water is discharging off-lot. If no curtain drain exists, additional checking may be required to ensure no sewage water is discharging off-lot (check for any connections made to leaching via gravel trench or tile).
- 4. An aeration system:**
The system should be checked to make sure it's functioning as designed and discharging a quality effluent (see aeration inspection sheet).
- 5. Mound system:**
Reference editions 9.14 and 15.24 of "Design and Construction Manual for Wisconsin Mounds" or the OSU Extension Bulletins 813 and 829.

Note: The HSTS Section "C" evaluation application and fee requirements are waived if the HSTS was inspected by the Health Department within the past 18 months (Real Estate evaluation, Section "C" HSTS evaluation, or Land Survey HSTS evaluation) or if the system has a HSTS Operational Permit (1 or 5 year permit, including aeration systems under a maintenance contract). Only a site plan needs to be submitted to show that the proposed development will not impact the HSTS or HSTS replacement area. An inspection may be done at that time at the discretion of the sanitarian and will count towards the HSTS Operation Permit renewal. HSTS Operational Permit renewals will be done according to the expiration date assigned.

Real Estate evaluation

The purpose of this evaluation is to ensure that the sewage system is not creating a nuisance and functioning as designed. The procedure for this evaluation is the same as section "C" and lot split evaluations except that it is mandatory for all system components to be in place. Risers to grade with lids must be installed over the inlet and outlet access manholes of the septic tank and over the distribution box. An inspection port must be in place or installed over the curtain drain for a leach field or a subsurface sand filter drain prior to connection to the outlet tile. The baffles of the septic tank must be checked to make sure they are intact. The house plumbing should be checked to make sure all wastewater drains go to the sewage system. The tank must be pumped out after the initial evaluation unless it has been pumped out in the past 2 years (proof must be provided). A dye test may be needed if there is uncertainty on whether or not untreated sewage effluent is discharging off-lot.