

**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 \$130.00) This is for the Total coliform bacteria test. (Sampled on Thursday afternoon and Friday morning)  
 Extra water test(s) requested (see other page): \_\_\_\_\_ Fee: \_\_\_\_\_  
 Type of Development: Well \_\_\_\_\_ Spring \_\_\_\_\_ Cistern \_\_\_\_\_  
 Development Status: New \_\_\_\_\_ \*Existing \_\_\_\_\_ Year Installed: \_\_\_\_\_  
 Reason for sampling: Construct/Alter \_\_\_\_\_ HomeSale \_\_\_\_\_ Refinance \_\_\_\_\_ FosterCare \_\_\_\_\_ FSO/RFE \_\_\_\_\_ Other \_\_\_\_\_  
 Water softener on system: Yes \_\_\_\_\_ No \_\_\_\_\_ Unk. \_\_\_\_\_ If yes, is softener bypassed: Yes \_\_\_\_\_ No \_\_\_\_\_ Unk. \_\_\_\_\_  
 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: \$300.00) 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. Read the important details in the "Policy and Procedure for HSTS Evaluation/Inspection" which may cause old system replacement.  
 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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**ACKNOWLEDGEMENT:**  
 1. Prior to submittal of this application, the applicant shall inform the owner of the details of this evaluation, especially the "Policy and Procedure for HSTS Evaluation/Inspection" (attached) if applicable, which could cause the upgrade of an existing sewage system.  
 2. All applicable fees must be paid prior to any evaluation being performed. If an application is submitted but later withdrawn before evaluation, 25% of the fee will be retained by the department as an administrative fee.  
 3. This application will not be processed until all requirements listed above are completed. Incomplete data or preparedness will result in delays or failure in completing this evaluation. Any known violations of water or sewage code at this property need to be fully disclosed.  
 4. Any changes that occur during evaluation, may involve additional work to be done and additional costs to be paid. Work requiring an approval and/or a permit may not commence until the proper approval and/or permit is acquired, otherwise there is a 25% penalty fee.  
 5. This application will expire within one year of submittal or once fully processed, whichever occurs first.  
 By signing below: I am requesting the health department to perform this evaluation; I am acknowledging that I have read, understand, and agree to the requirements of this evaluation, including the 5 items above; and I have completed this application to the best of my knowledge and ability.  
**APPLICANT and/or OWNER SIGNATURE:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

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

Total Due: \_\_\_\_\_ Date Paid: \_\_\_\_\_ Receipt #: \_\_\_\_\_ (Rev. 01/31/2024)

**EVALUATION RESULTS (OFFICE USE ONLY)**

**WATER SYSTEM**

Sample Date: \_\_\_\_\_ Sanitarian: \_\_\_\_\_

System Location: \_\_\_\_\_ Surface Condition of Annular Space: \_\_\_\_\_

Any improper isolation distances (e.g. 50' to STS): \_\_\_\_\_

Type: Pitless \_\_\_\_\_ Pit \_\_\_\_\_ Well: Cap Type \_\_\_\_\_ Flooding Problems \_\_\_\_\_

Casing Info: Type \_\_\_\_\_ ASTM, API, ANSI/NSF# \_\_\_\_\_ Diameter \_\_\_\_\_ Thickness \_\_\_\_\_ Ht. Above Grade \_\_\_\_\_

Is there a pressure relief valve: \_\_\_\_\_ Faucet  $\geq$  8" high at pressure tank: \_\_\_\_\_

Sample Location: \_\_\_\_\_ Is old well sealed: \_\_\_\_\_

Other Equipment (filters, softener, hydrant, 1024 dual check-valve): \_\_\_\_\_

Comments: \_\_\_\_\_

Nitrate Prescreen Results:  $< 5$  mg/l or  $\geq 5$  mg/l Nitrate Bottle # if  $\geq 5$ mg/l: \_\_\_\_\_

Test Type: \_\_\_\_\_ Bottle #: \_\_\_\_\_

Test Results: Safe \_\_\_\_\_ Unsafe \_\_\_\_\_ Other \_\_\_\_\_

Date(s) Requestor Notified: Phone \_\_\_\_\_ Mail/Fax/Email \_\_\_\_\_ In Person \_\_\_\_\_

PWS Contractor Notified: Phone \_\_\_\_\_ Mail/Fax/Email \_\_\_\_\_ In Person \_\_\_\_\_

**SEWAGE SYSTEM**

Location of Sewage System: \_\_\_\_\_

Sewage Tank Capacity: \_\_\_\_\_ Number of Risers: \_\_\_\_\_

Baffles Intact: Yes \_\_\_\_\_ No \_\_\_\_\_ Pumping Needed: Yes \_\_\_\_\_ No \_\_\_\_\_ Just completed \_\_\_\_\_

Distribution Box Condition: \_\_\_\_\_

Secondary Treatment Type: \_\_\_\_\_ Size: \_\_\_\_\_

Secondary Treatment Condition: \_\_\_\_\_

Depth of ground over gravel: \_\_\_\_\_ Outlet tile condition: \_\_\_\_\_

Characteristics/Conditions of Lot: \_\_\_\_\_

Is there adequate replacement area: Yes \_\_\_\_\_ No \_\_\_\_\_ Where: \_\_\_\_\_

Was a dye test performed: Yes \_\_\_\_\_ No \_\_\_\_\_ Dye Test Results: \_\_\_\_\_

Comments/Recommendations: \_\_\_\_\_

Evaluation Date(s): \_\_\_\_\_ Sanitarian: \_\_\_\_\_

Date(s) Notified: Phone \_\_\_\_\_ Mail/Fax/Email \_\_\_\_\_ In Person \_\_\_\_\_ (Rev. 1/31/2024)



# Board of Health Sidney-Shelby County

202 W. Poplar Street, Sidney, OH 45365

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## WATER SAMPLING INFO

### Standard water requirements for all Private Water System wells in Ohio

| <u>Parameter</u> | <u>Maximum Contaminant Level (M.C.L.)</u>                   |
|------------------|---|
| Total coliform   | ≤4.0 CFU or ≤4.2 MPN /100ml (lab test)                      |
| E. coli          | No detection CFU or MPN /100ml (lab test)                   |
| Nitrate          | <5.0 mg/l instant strip test (or ≤10.0 mg/l lab test below) |

These can be checked for \$130.00 fee, with approximately a 4-8 day turn-around time for results. If bacteria are found exceeding the above levels, disinfection of the well is the first course of action. Details of the well disinfection procedure can be found on the water page of our website.

### Various additional water testing for HUD, FHA, VA, and USDA

| <u>Parameter</u>      | <u>M.C.L.</u> | <u>Lab Fee</u>             |
|-----------------------|---------------|----------------------------|
| Nitrate               | 10.0 mg/l     | \$23.20                    |
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| Total Nitrate/Nitrite | 10.0 mg/l     | Provided with Nitrate test |
| Lead (pre 1986 plbg.) | 15.0 ug/l     | \$24.50                    |
| Arsenic (for USDA)    | 10.0 ug/l     | \$24.50                    |

These various non-bacteria tests have approximately an 8-12 day turn-around time for results. There is a \$75 base fee for sampling if not done with the standard bacteria testing at the top.

### Key / Notes

CFU = colony forming unit  
 MPN = most probable number  
 mg = milligram  
 ug = microgram  
 l = liter  
 ml = milliliter  
 1 ppm (part per million) = 1 mg/l  
 1 ppb (part per billion) = 1 ug/l

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



**Public Health**  
Prevent. Promote. Protect.

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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 an 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.