

ORDINANCE NO. \_\_\_\_\_

AN ORDINANCE ESTABLISHING REGULATIONS FOR THE INSTALLATION, INSPECTION AND ON-GOING MAINTENANCE OF ON-LOT SEWAGE DISPOSAL SYSTEMS, REQUIRING REGISTRATION OF SERVICE PROVIDER BUSINESSES, AND FURTHER, ESTABLISHING APPLICATION AND PERMITTING PROCESSES AND FINANCIAL AND OR PERFORMANCE ASSURANCES FOR INDIVIDUAL RESIDENTIAL SPRAY IRRIGATION SYSTEMS (IRSIS), AND PROVIDING FOR IMPOSITION OF PENALTIES FOR NONCOMPLIANCE AND APPEALS FOR HARDSHIP SITUATIONS.

Pursuant statutory authority granted the municipality in the Pennsylvania Sewage Facilities Act, 35 P.S. 750.1, et seq., ("the Act"), as implemented by and through the regulations issued by the Pennsylvania Department of Environmental Protection, Title 25, Chapters 71, 72 and 73, to take actions necessary to assure continued compliance of sewage facilities Governing Body of \_\_\_\_\_ Municipality/Borough/City, \_\_\_\_\_ County, hereafter, the Municipality, Pennsylvania do hereby ordain as follows:

This Ordinance shall be known as and may be referred to as the \_\_\_\_\_ Municipality/Borough/City Sewage System Management Ordinance.

**SECTION I. Purpose** - The purposes of this Ordinance include:

- A. The regulation of the installation, inspection, operation, rehabilitation, replacement and timely on-going maintenance of on-lot systems within the Municipality; and,
- B. The establishment of provisions and safeguards for the Municipality which enable the issuance of permits for Bonded Systems and IRSIS systems by and through the Sewage Enforcement Officer; and,
- C. The registration of businesses that remove and dispose of septage; and,
- D. Establishment of minimum standards for the periodic pumping of treatment, dosing and lift-pump tanks which are components of on-lot systems permitted by the SEO; and,
- E. Adoption, by reference, of standards for the inspection and subsequent pumping of systems and tanks.

**SECTION II. Terms and Definitions**

The following words and terms when used in the Ordinance shall have the following meanings:

**Absorption Area Easement** - a portion of a lot, tract or parcel that encompasses the Primary and Replacement Area and which shall be delineated and preserved. The Primary and Replacement Areas need not be contiguous.

**Act** - The Pennsylvania Sewage Facilities Act, Act of January 24, 1966, P.L. (1965) 1535, No. 537, as amended, 35 P.S. Section 750.1 et. seq.

**Authorized Agent** - A Certified Sewage Enforcement Officer (SEO), professional engineer or sanitarian, plumbing inspector, soils scientist, water quality coordinator, or any other person who is designated to carry out the provisions of this Ordinance as the agent of the Governing Body.

**Bonded Disposal System** - An individual sewage system located on a single lot serving a single family residence, where soil mottling is within 20 inches of the mineral soil surface, and the installation, operation and replacement of which is guaranteed by the property owner.

**Community Sewage System** - A system, whether publicly or privately owned, for the collection of

sewage or industrial wastes of a liquid nature from two or more lots, and for the treatment or disposal of the sewage or industrial waste on one or more of the lots or at any other site.

**DEP/the Department** - The Department of Environmental Protection of the Commonwealth of Pennsylvania.

**Developer** - Any person, partnership or corporation which erects or contracts to erect a building on property owned by it, with the intent to sell the building to some other party upon its full or partial completion, or upon the conveyance of property on which the building is to be built.

**Equivalent Dwelling Unit (EDU)** - For the purpose of determining the number of lots in a subdivision or land development, that part of a multiple-family dwelling, commercial, industrial, or institutional establishment with sewage flows equal to four hundred (400) gallons per day.

**Governing Body** - The board of supervisors or commissioners, or council of the Municipality which is charged with the general governance, execution of legislative, executive and administrative activities for the welfare of the citizens and sound fiscal management of the Municipality as defined in the respective municipal code.

**Individual on-lot sewage system** - An individual sewage system which uses a system of piping, tanks or other facilities for collecting, treating and disposing of sewage into a soil absorption area or retaining tank.

**Individual sewerage system** - An individual sewage system which uses a method of sewage collection, conveyance, treatment and disposal other than renovation in a soil absorption area, or retention in a retaining tank.

**Malfunction** - The condition which occurs when an on-lot system causes pollution to the ground or surface waters, contamination of private or public drinking water supplies, nuisance problems or hazard to public health.

**Owner** - Any person, corporation, partnership, etc. holding deed or title to lands within the Municipality.

**On-lot System** - An individual on-lot sewage system, or an individual sewerage system or a community sewage system described in PA Code, Title 25, Chapter 73.

**Planning Module for Land Development** - A revision to, or exception to the revision of, the Official Plan, submitted in accordance with DEP regulations, and in connection with the request for approval of a subdivision or land development plan.

**Primary Area** - An area on a lot, tract or parcel of land that has been tested by the SEO and found suitable, based upon the then current DEP site requirements, for the installation of an on-lot sewage disposal system, and which will be preserved and protected from alteration for installation of the initial on-lot sewage disposal system for sewage generated on that lot, tract, or parcel. (see Replacement Area)

**Pumper/Hauler Truck Operator** - A natural person who engages in cleaning any or all components of a community or individual on-lot sewage system and evacuates and transports the septage cleaned therefrom, whether for a fee or free of charge.

**Regulations** - the Pennsylvania Code, Title 25, Chapters 71, 72 and 73

**Repair** - Work done to modify, alter, rehabilitate or enlarge an existing on-lot system.

**Replacement Area** - An area on a lot, tract or parcel of land, separate from the Primary Area, that has been tested by the SEO and found suitable, based upon the then current DEP site requirements, for the installation of an on-lot system, and which will be preserved and protected from alteration for potential future use if the Primary Area on the same lot, tract, or parcel shall fail for any reason. (see Primary Area)

**Retaining Tank** - A watertight receptacle which receives and retains sewage and is designed and constructed to facilitate ultimate disposal of the sewage at another site. The term includes, but is not limited to, the following:

**Chemical toilet** - A permanent or portable nonflushing toilet using chemical treatment in the retaining tank for odor control.

**Holding tank** - A tank, whether permanent or temporary, to which sewage is conveyed by a water-carrying system.

**Privy**- A tank designed to receive sewage where water under pressure is not available.

**Incinerating toilet** - A device capable of reducing waste materials to ashes.

**Composting toilet** - A device for holding and processing human and organic kitchen waste, employing the process of biological degradation through the action of micro-organisms to produce a stable, humus-like material.

**Recycling toilet** - A device in which the flushing medium is restored to a condition suitable for reuse in flushing.

**Service Provider/Service Provider Business**- Any sole proprietor, company, partnership or corporation or enterprise which engages in any of the following tasks: designing, cleaning, repairing, installing, servicing or maintaining any or all components of a community or individual on-lot system and the evacuation and transport of the septage removed therefrom, whether for a fee or free of charge.

**Service Provider Report/Receipt** - A form, provided by the Municipality, which shall be used by all Pumper/Hauler Truck Operators to report every pumping of an on-lot system in the Municipality.

**Septage** - The residual scum, sludge and other materials pumped from septic or aerobic treatment tanks and the systems they serve.

**Sewage** - Any substance that contains any waste products, or excrement, or other discharge from the bodies of human beings or animals; a substance harmful to the public health, animal or aquatic life, or the use of water for domestic water supply or for recreation, or a substance which constitutes pollution to the waters of the Commonwealth under the Clean Streams Law (35 P.S. 7691.1 - 691.1001).

**Sewage Enforcement Officer (SEO)** - A person certified by the State Board for the Certification of Sewage Enforcement Officers, who is appointed by the Board to administer the provisions of this Ordinance, the provisions of the Act, and the regulations in PA Code Title 25, Chapters 71, 72, and 73.

**Sewage Facilities** - Any method of sewage collection, conveyance, treatment, and disposal which will prevent the discharge of untreated or inadequately treated sewage into the waters of this Commonwealth, or otherwise provide for the safe treatment and disposal of sewage or other waste.

**Single and Separate Ownership** - The ownership of a lot by one or more persons, which ownership is separate and distinct from that of any abutting or adjoining lot.

**Soil Absorption System** - An on-lot system that uses the renovative capacity of the soil for final treatment of the effluent. All SEO permitted systems, except retention tank systems, are soil absorption systems.

**Soil Fracturing** - see Terralift Process.

**Subdivision** - The division or redivision of a lot, tract or other parcel of land into two or more lots, tracts, parcels or other divisions of land, including changes in existing lot lines. The enumerating of lots shall include as a lot that portion of the original tract or tracts remaining after other lots have been subdivided therefrom.

**Terralift** - Refers to both a machine and a process. For the purposes of this ordinance, the word Terralift applies to this and all similar processes, including but not limited to "rejuvenator," and "soil blaster," which introduce material into the soil to increase its porosity or percolation rate.

**Terralift machine** - A device which injects plastic or similar small diameter pellets into the soil in the vicinity of an on-lot sewage disposal system's absorption area. The machine is a patented product; the name is a registered trademark.

**Terralift process** - A process by which high pressure air, with or without small diameter pellets of plastic or a similar material, is injected into the soil in the vicinity of the absorption area of an on-lot sewage disposal system. The process is intended to fracture the soil and establish porosity more similar to the conditions that existed previously on the site.

**Municipality** - \_\_\_\_\_ township, borough or city located in \_\_\_\_\_ County, Pennsylvania in which this ordinance shall be in effect.

**Treatment Tank** - A water-tight tank designed to retain sewage long enough for satisfactory

bacterial decomposition of the solids to take place. The term includes the following:

**Septic tank** - A treatment tank that provides for anaerobic decomposition of sewage prior to its discharge to an absorption area.

**Aerobic sewage treatment tank** - A mechanically aerated treatment tank that provides aerobic biochemical stabilization of sewage prior to its discharge to an absorption area.

### **SECTION III. Permits Required** - Coordination with Building Permits - DEP Permitted Systems

- A. All individual or community on-lot systems, regardless of the size of the lot, tract, or parcel on which they are proposed to be constructed, are subject to issuance of a permit by the SEO pursuant to the requirements of this Ordinance, the Act and Regulations.
- B. Building and zoning permits shall not be issued for any building, or improvement to real property to be serviced by an on-lot system, prior to receiving a permit for the installation of the on-lot system from the SEO.
- C. All system components including absorption areas must be located on the same lot, tract, or parcel as the structure they will serve. Systems or components cannot be located on a separately deeded parcel, regardless of the parcel's ownership, or through means of an easement, right-of-way or other instrument.
- D. All planning modules proposing individual or community sewage systems which require a DEP permit shall include a provision granting the Municipality and its agents the right to enter the premises to inspect the construction and/ or operation of the DEP permitted system, and if the system is not being constructed or operated according to the permitted design, issue a stop work order or revoke the occupancy permit until construction or operation is brought into compliance with the permit.
- E. No on-lot system shall be altered, extended, augmented, modified or repaired without the issuance of a repair permit by the SEO.
- F. The use of a Terralift machine or conducting a Terralift or Soil Fracturing procedure are hereby deemed to constitute the alteration of an on-lot sewage disposal system, and either or both activities may only be undertaken pursuant to a permit issued by the SEO. The permit shall validate the absence of a malfunction.
- G. No on-lot system shall be used or loaded in a manner which is inconsistent with the permit that was issued to authorize that system's installation.
- H. Permit applications for on-lot systems which include electronically, mechanically, hydraulically or pneumatically operated or controlled devices shall be accompanied by the respective manufacturer's recommended maintenance schedule and product specifications.
- I. Permit applications for which the provisions of Section V. A. or Section VI. K. apply shall include a fully executed maintenance contract indicating the person or company responsible to carry out the required maintenance, the maintenance schedule, and a provision that if the contract is terminated that the Municipality be so notified.

### **SECTION IV. - Replacement Areas**

- A. A replacement area shall be required for all proposed lots which are intended to be serviced by a soil absorption system, except an IRSIS.
- B. A replacement area shall be required for all unimproved lots existing prior to the effective date of this Ordinance, which are intended to be serviced by a soil absorption system, but for which a permit to install an on-lot system has not been issued.
- C. Allowance of open land for the replacement area, without performance of appropriate soil testing to verify suitability of the land for a replacement area, shall not constitute compliance with the requirements of this Section.
- D. The location of the primary and replacement areas shall be delineated and identified as an absorption area easement on the plot plans, and maps or diagrams submitted as part of the

- permit application and subdivision or land development plan.
- E. The description, including meets and bounds, of every absorption area easement shall be recorded as part of the deed for each lot created as part of a subdivision or land development, and shall contain language reflecting the following:
    1. No improvements, whether permanent or temporary, shall be constructed upon or within the absorption area easement.
    2. No permanent or temporary alterations, grading, excavation, stockpiling of any soil or any other material shall take place on or in the absorption area easement.
    3. During any construction or other activities, the absorption area easement shall be so marked to prevent equipment with greater wheel loadings than a common garden tractor/riding mower from traveling over or operating upon the surface of the absorption area easement.
    4. The final cover or improvement to every absorption area easement shall be limited to shallow-rooted plant matter.
  - F. A landowner wishing to alter the use of the absorption area easement must first document, through a site evaluation by the SEO, that an additional area suitable for the installation of an on-lot system exists, and upon such a finding shall:
    1. Prepare and submit to the SEO for approval a Declaration of Easement which shall:
      - a. Meet the identification, non-use and preservation requirements of this Section;
      - b. Describe, by meets and bounds, the easement area to be abandoned.
    2. Within 15 days of the approval by the Municipality, record the Declaration of Easement at the County Recorder of Deeds Office.
    3. File a copy of the recorded easement with the Municipality .

**SECTION V. Individual Residential Spray Irrigation Systems**

- A. All applications for on-lot systems which propose to use an Individual Residential Spray Irrigation System as the treatment method shall be accompanied by one of the following:
  1. A maintenance agreement between the landowner and an individual, firm or corporation experienced in the operation and maintenance of sewage treatment systems.
  2. A maintenance agreement between the landowner and an association, trust or other private entity which is structured to and which accepts the responsibility for proper operation and maintenance of the Individual Residential Spray Irrigation System.
- B. Applications for Individual Residential Spray Irrigation Systems shall be accompanied by a financial guarantee of the same type and character that is required for public improvements by the Municipality's Subdivision and Land Development Ordinance.
- C. The financial guarantee shall assure that the Municipality has access to sufficient funds to operate, maintain, repair or replace any component of the Individual Residential Spray Irrigation System in the event that the owner:
  1. Fails to maintain the system or any of the system's components according to the manufacturer's specifications; or,
  2. Fails to service, clean, inspect and/or pump the treatment tank(s) according to the other applicable standards of this Ordinance; or,
  3. Fails to conduct testing and monitoring at least annually, or more frequently if required by DEP regulation, and report the results of any laboratory analysis to the Municipality; or,
  4. Voids, cancels, or terminates and fails to replace in a manner approved by the Municipality the agreement required by Subsection A of this Section.
- D. From the date the permit application is submitted to the SEO or Municipality and continuing for a period ending two years after the date the system's installation is approved by the SEO, the financial assurance shall be in an amount not less than fifty percent (50%)

- of contract price for the installation of the Individual Residential Spray Irrigation System and all piping, tankage and other related system components.
- E. Beginning two (2) years after the date the system's installation is approved by the SEO and continuing for the system's design life, the financial assurance shall be reduced to an amount not less than ten percent (10%) of the actual construction cost for the installation of the Individual Residential Spray Irrigation System and all piping, tankage and other related system components.
  - F. The financial guarantee shall be forfeited by the landowner and the Municipality shall apply the funds to the repair, operation or maintenance of the system when:
    1. The system is not maintained according to the standards of this Ordinance, applicable DEP regulations, or the manufacturer's specifications; or,
    2. The treatment tank(s) are not serviced, cleaned, inspected and/or pumped according to the applicable standards of this Ordinance; or,
    3. The testing and monitoring are not conducted according to the standards of this Ordinance, applicable DEP regulations, or the manufacturer's specifications; or,
    4. The agreement required by Subsection A of this Section is voided, canceled, or terminated and is not replaced in a manner approved by the Municipality.

**SECTION VI. - Maintenance of Systems**

- A. The owner of a property upon which an on-lot system is constructed shall at all times operate and maintain the on-lot system in such condition as will permit it to function in the manner in which it was designed and to prevent the unlawful discharge of sewage.
- B. The owner of a property upon which an on-lot system is constructed shall maintain the area around such system so as to provide convenient access for inspection, maintenance and pumping, and divert surface water and downspouts away from the absorption area and system components.
- C. In the event a landowner detects conditions that indicate or could reasonably be interpreted to indicate a malfunction, the landowner shall contact the SEO and, if repair or replacement is necessary, apply for a permit to repair or replace the malfunctioning system.
  1. Landowners who disclose to the SEO the presence of a malfunction upon their lands shall not be penalized for the disclosure.
  2. If a landowner who has disclosed the presence of a malfunction fails to make voluntary repairs, the Municipality may seek injunctive or other relief to compel the repair of the malfunction or cause the repair to be effectuated.
- D. Every aerobic or septic treatment tank which discharges effluent to a soil absorption area or to an individual residential spray irrigation system shall be pumped out according to the schedule in Section XI. of this Ordinance. If a component's manufacturer requires a more frequent pumping interval than contained in this ordinance, that interval shall be deemed the minimum interval for pumping.
- E. When an on-lot system's treatment tank is pumped out, all dosing tanks, lift tanks and other tanks associated with the system shall also be pumped out.
- F. Retaining tanks shall be pumped out at such intervals as will prevent overflow, leakage, backup, other malfunction, or a public health hazard or nuisance, but no less frequently than one time per year in accordance with \_\_\_\_\_ Holding Tank Ordinance.
- G. Upon completion of each required pumping, the Service Provider business shall:
  1. Complete a Service Provider Report;
  2. Deliver the original Service Provider Report to the landowner;
  3. Deliver a copy of the Service Provider Report to the Municipality by the 10th business day of the month following the month of inspection and or pumping.
  4. The report shall be on Municipality provided forms.

- H. The first time a system's tank is pumped, the Service Provider Reports shall include the following minimum information which shall be developed, discovered or otherwise obtained as the result of a system inspection conducted according to the then current Inspection Protocol of the Pennsylvania Septage Management Association:
1. Date of pumping, tank capacity and material
  2. Name and address of system owner
  3. Name of current occupant and number of system user
  4. Property address where tank is located, if different from owner's
  5. Description and diagram of the location of the:
    - a. Treatment tank
    - b. Risers
    - c. Access hatches, pump tanks, filters, D-box, absorption areas, etc., with distances relative to two fixed landmarks
  6. Presence and condition of baffles in ALL tanks and ALL compartments
  7. Permit number and date existing system was installed (if known, month/year)
  8. Last date of pump-out (if known, month/year)
  9. List of other maintenance performed
  10. Indications of system malfunction observed
  11. Amount (gallons) of septage, sludge, or other material removed
  12. List of recommendations for system rehabilitation
  13. Statement of general system condition
  14. DEP Permit # and Site name for destination of the septage
  15. List of water conservation devices in use
  16. Pumper truck operator's & pumper business owner's signature
- I. Persons undertaking the initial inspection of an on-lot system shall have successfully completed the On-lot Wastewater Treatment System Inspector program of the National Onsite Education and Research Foundation or the Pennsylvania Septage Management Association and be so certified.
- J. Initial and periodic tank pumping shall be performed to these minimum standards unless other standards are specified by an equipment manufacturer:
1. At all times, the pumper truck operator's personal safety, as well as protection of the environment and the landowners' property, shall receive the highest priority.
  2. Tanks shall ONLY be pumped from/through the manhole/access port, i.e., the largest tank opening.
  3. Tanks shall NOT be pumped from/through the observation port.
  4. Where necessary to break up solids, back-washing with clean water or material already on board the pumper truck may be employed. Mechanical means (scraping, raking, etc.) are NOT necessary, but may be employed provided that appropriate safeguards are taken to prevent injury.
  5. When backwashing, care shall be taken NOT to fill/refill the tank to a level greater than 12" below the elevation of the outlet pipe.
  6. No liquids or solids are to be discharged into/through the outlet pipe.
  7. Tanks shall be deemed to be clean when all organic solids are removed and the total average liquid depth remaining in the tank is less than 1".
  8. Every pump-out shall include a visual inspection of the interior of the tank. The inspection shall include a determination regarding the presence of baffles and their condition, as well as the physical condition of the treatment tank. Presence and condition of observation port(s) shall also be reported.
  9. At all times, and in all phases of operations, pumper businesses and equipment operators shall comply with all laws and regulations regarding the activities associated with on-lot wastewater system maintenance and disposal of materials removed therefrom.

10. Where the municipality requires documentation of pump-out and tank and site conditions, the pumper shall not be prevented by the landowner from complying with municipal requirements. A copy of any report sent to the municipality shall also be provided to the landowner.
- K. In addition to the requirements for initial tank pumping, periodic tank pumping shall include an inspection of and a report to the Municipality on forms provided by the Municipality regarding the presence of any or all of the following:
1. Defective tank components (lids, baffles, dividers, etc.);
  2. Before pumping, water level above outlet pipe elevation;
  3. Following or during pumping, backflow from the absorption area;
  4. Inflow from building(s) served to verify connection to the building(s);
  5. Surface discharge, ponding or other signs of malfunction in the vicinity of the absorption area.
- L. Any person owning a building served by an aerobic treatment tank or an on-lot system, which includes any electrically, mechanically, hydraulically or pneumatically operated or controlled device, shall follow the maintenance recommendations of the equipment's manufacturer.
1. If not on file with the Municipality, a copy of the manufacturer's recommendations and owner's manual shall accompany the Pumper's report the first time the system is pumped after the effective date of this Ordinance.
  2. Landowners of systems with components requiring periodic maintenance shall submit receipts as proof of maintenance to the Municipality documenting maintenance/service was performed at the intervals called for and in a manner consistent with the various components' manufacturers.
  3. In no case may the service or pumping intervals exceed those established in Section XIV of this Ordinance.
- M. The Municipality SEO may require additional maintenance activities including, but not limited to, cleaning or unclogging of piping, servicing or repair of mechanical equipment, leveling of distribution boxes, tanks and lines, removal of obstructing roots or trees, and diversion of surface water away from soil absorption areas.

## **SECTION VII - Operation of Systems**

- A. All systems shall be operated by the user in a manner that is in full compliance with the terms of this Ordinance, the Act and Regulations, and the system's permit.
- B. Only sewage and normal domestic wastes shall be discharged into any sewage facilities.
- C. The following shall not be discharged into the sewage facilities:
  1. Industrial waste
  2. Fats and grease
  3. Motor oil
  4. Hazardous waste
  5. Chemicals including, but not limited to:
    - a. Pesticides and herbicides
    - b. Acids
    - c. Paint, paint thinner and solvents, including latex or water based paints
    - d. Wallpaper pastes and adhesives
    - e. Photo processing chemicals
  6. Down spout and/or roof drain discharges
  7. Sump pump and basement drain discharges
- D. All water used within a residence, including kitchen and laundry wastes and water softener backwash, and all sewage shall be discharged into a treatment tank.
- E. The Municipality may require the on-site pretreatment of effluents prior to their discharge



to any sewage facilities operated or owned by the Municipality or any other entity, to assure that the effluent's chemical or biological constituents are compatible with the renovative methods employed by the receiving facilities.

- F. No sewage system shall discharge untreated or partially treated sewage to the surface of the ground, or into the waters of the Commonwealth of Pennsylvania, unless a permit to discharge has been obtained from the DEP.

#### **SECTION VIII. - Right of Entry - Easements**

- A. All permits for the installation of on-lot systems shall be conditioned upon the inclusion of language in the deed establishing a grant of Right of Entry by the landowner, his heirs, successors, and assigns to the Municipality for the limited purpose of inspecting, maintaining, sampling, testing, evaluating or repairing the on-lot system described in the application and permit.
- B. The grant of right of entry cannot be revoked, suspended or discontinued by the present or any future owner.
- C. Any property on which an on-lot system presently exists, or on which an on-lot system is under construction, shall not be conveyed by the owner without the inclusion of language in the deed establishing and assigning a non-revocable grant of Right of Entry by the landowner, his heirs, successors, and assigns to the Municipality for the limited purpose of inspecting, maintaining, sampling, testing, evaluating or repairing the on-lot disposal system described in the application and permit.
- D. In the event that the on-lot system is abandoned and not replaced by another on-lot system, and all sewage is collected and treated at a site not on the lot, the Municipality shall abandon the easement and right of entry which then shall cease.

#### **SECTION IX. - Service Provider Business Registration**

- A. At least seven (7) days before offering pumping services to property owners that will enable their compliance with the terms of this Ordinance, all Service Provider businesses shall:
  - 1. Register with the Municipality and comply with all reporting requirements established herein;
  - 2. Identify all employees/owners and vehicles that will provide these services in the Municipality;
  - 3. Operate in a manner consistent with the provisions of the Pennsylvania Solid Waste Management Act (Act 97 of 1980, 35P.S. §6018.101- 6018.1003);
  - 4. Provide a current fee schedule for all services required under this Ordinance; and
  - 5. Provide documentation that all septage pumped from properties in this Municipality will be delivered to a DEP approved site or facility.
- B. At least seven (7) days before offering inspection services to property owners that will enable their compliance with the terms of this Ordinance, all individuals and businesses shall:
  - 1. Register with the Municipality and comply with all reporting requirements established herein;
  - 2. Document membership in the PA Septic Management Association;
  - 3. Document that there is at least one employee/owner certified by the PA Septic Management Association to perform On-lot Wastewater Treatment Inspections;
  - 4. Identify all employees/owners that will provide these services in the Municipality;
  - 5. Provide a current fee schedule for all services required under this Ordinance;.
- C. When there is a change in the personnel/employees or vehicles that provides services in

accordance with this Ordinance, it shall be the duty and obligation of the business owner to notify the Municipality of the changes within seven (7) days of the effective date of the change.

**SECTION X. - Fees**

The Board may, by resolution, establish a fee schedule and collect fees to cover the Municipality's actual costs of administering this Ordinance.

**SECTION XI. - Maintenance Districts Created**

- A. The Municipality is hereby divided into four (4) districts, designated District 1, 2, 3, and 4 as illustrated on the Management District Map, which is incorporated by reference into this Ordinance as Appendix 1.
- B. Every on-lot system in the Municipality shall be inspected and every tank associated with every system shall be pumped at least one time by December 31, 2002.
- C. The requirements of this section shall become effective in a sequential manner:

<u>Area</u>	<u>First Pumping &amp; Inspection Shall Be Completed By:</u>
1	12/31/2000
2	12/31/2001
3	12/31/2002
4	12/31/2000
- D. After the initial inspection and pumping, all tanks in all systems shall be pumped out at a minimum regular interval of once every three (3) years from the year of either the initial pumping or a subsequent pumping. Tanks that have been subjected to more frequent pumping, by the nature of their size, loading rate or other system characteristics, should continue to receive that frequency of pumping. This Ordinance is NOT an instruction to reduce the frequency of pumping and should not be construed as such. This Ordinance establishes the minimum pump out requirement for all treatment tanks that do not exhibit characteristics that indicate more frequent pumping is required.
- E. The initial inspection shall meet the requirements of Section VI. of this Ordinance.
- F. Landowners may choose to have tanks pumped out more frequently. When more frequent pump-outs are undertaken in a manner consistent with Section VI of this ordinance, the date of the subsequent regular pump-out shall be deemed to be the last day of the last month three years following the year of the voluntary pump-out.
- G. Inspections may also include, but are not limited to:
  - 1. Taking of samples from surface water, wells, other groundwater sources;
  - 2. Sampling of the contents of the sewage disposal system;
  - 3. Introduction of a traceable substance into the interior plumbing of the structure served to ascertain the path and/or ultimate destination of wastewater generated in the structure.
- H. In the event that a landowner fails to obtain the required initial inspection or subsequent tank pump-out, the Municipality's Authorized Agent shall have the right to enter upon land for the purposes of conducting inspections required by this Ordinance.
- I. Prior to entry for inspection, the Municipality shall give advance notice to the occupant of a property to enable the occupant to be personally present or be represented by an agent at the time of such entry.
- J. Any adult occupant present on the property at the time a request to enter is made by an Authorized Agent may waive their right of advance notice.
- K. Advance notice shall be given at least twenty-four hours prior to entry, unless waived, and shall be by any of the following:

1. Telephone
  2. Ordinary U.S. mail
  3. A written notice posted at the entrance to the structure or other place where it is likely to be seen by the owner or occupant
  4. If the property appears to be vacant, notice shall be given by ordinary U.S. mail to the owner of record, at the last known address which appears in the records of the \_\_\_\_\_ County Tax Assessor's Office.
    - a. The notice shall be mailed at least seven days prior to intended entry date.
    - b. Where the owner's name and/or address are not known, then notice shall be given by posting as described in subsection 2 above.
- L. In the event that access to inspect the property is denied, the Municipality shall proceed according to law to obtain a search warrant and conduct the inspection established in this Ordinance.
- M. No provision of this Ordinance shall require notice to be given before entry, where it can be observed from a public street that an on-lot system is malfunctioning or being operated improperly.

**SECTION XII. - Abating Health Hazards - Liens**

- A. Upon written notice from the SEO that an imminent health hazard exists due to failure of a property owner to properly operate, maintain, repair or replace an on-lot system as provided under the terms of this Ordinance, the Board shall have the authority to perform, or contract to have performed, any repairs as may be directed by the SEO to abate the health hazard.
- B. The costs for the actual repair, repair permit and site investigations in support of the permit shall be borne by the property owner.
- C. The Municipality may take whatever action necessary to recover these costs in accordance with law, including entering a lien against the property.
- D. The Municipality may seek injunctive relief to prevent continued use of a malfunctioning on-lot system.

**SECTION XIII. - System Rehabilitation**

- A. The Municipality shall compel corrective action whenever a malfunction is identified.
  1. The Municipality shall issue a written notice of violation to any person who is the owner of a property in the Municipality on which is found a malfunctioning on-lot system, or on which raw or partially treated sewage is discharged without a permit.
  2. Within seven (7) days of notification by the Municipality that a malfunction has been identified, the owner shall make application for a repair permit to abate the malfunction.
  3. Within thirty (30) days of the original notification by the Municipality, construction of the permitted repair or replacement shall commence, unless seasonal or unique conditions mandate a longer period, in which case the Municipality shall set an extended commencement date.
  4. Within sixty (60) days of the original notification by the Municipality, the construction shall be completed, unless seasonal or unique conditions mandate a longer period, in which case the Municipality shall set an extended completion date.
- B. The Municipality shall compel, or may take, immediate corrective action whenever a malfunction represents a public health hazard or environmental threat.
- C. The Municipality's SEO shall require the repair of malfunctions by any of the following methods, either individually or in combination, which are consistent with the DEP's policies regarding Best Technical Guidance (BTG):

1. Cleaning;
  2. Repair or replacement of components of the existing system;
  3. Adding capacity or otherwise altering or replacing the system's treatment tank;
  4. Expanding or replacing the existing absorption area;
  5. Replacing a gravity distribution system with a pressurized system;
  6. Replacing the system with a holding tank;
  7. Installation or replacement of existing water consuming devices, fixtures or equipment with water conserving devices, fixtures or equipment and/or the institution of water conservation practices;
  8. Limiting or eliminating the use of laundry facilities;
  9. Other alternatives as appropriate for the specific site to lessen or mitigate the malfunction to the greatest extent possible.
- D. Should none of the remedies described above prove totally effective in eliminating the malfunction of an existing on-lot system, the owner is not absolved of responsibility for any negative effects caused by the malfunction.

#### **SECTION XIV. Appeals - Hearings - Variance**

- A. Any aggrieved party may appeal to the Board of Supervisors for relief from the strict application of the provisions of this Ordinance, when such constitute a demonstrable hardship.
- B. Appeals shall:
  1. Be in writing;
  2. State the alleged hardship and the reason that strict adherence will cause that hardship;
  3. Include a description of the relief sought; and,
  4. Propose alternate methods or provisions that will, to the greatest extent possible, attain the purposes of this Ordinance.
- C. Appeal requests must be received by the Board within fifteen (15) days of the action being appealed and must be accompanied by the appropriate fee set by resolution by the Board.
- D. Within ten (10) days of receipt of an appeal, the Board of Supervisors shall schedule a public hearing which shall be conducted pursuant to the Local Agency Law.
- E. The Board shall issue its decision within twenty (20) days of the end of the hearing.
- F. Only in the case of a demonstrated hardship may the Board, in its discretion, grant a variance from the provisions of this Ordinance.
  1. Any such variance shall, to the greatest extent possible, protect the public health and the quality of the water resources of the Municipality.
  2. When in the opinion of the Board it is necessary to meet the purposes of this Ordinance, a variance may be conditioned upon measures not specified in this Ordinance.
- G. At all times, the burden to present credible evidence and the burden of persuasion shall be upon the Applicant seeking relief.
- H. Relief from Replacement Area Requirement
  1. If any unimproved lot held in single and separate ownership does not contain suitable land for both a Primary Absorption Area and a Replacement Absorption Area, the landowner desiring to install an individual on-lot system may request that the Board grant an exception to the requirement of providing a Replacement Area.
  2. At a minimum, landowners seeking relief shall present credible evidence to the Board demonstrating:
    - a. That the lot was held in single and separate ownership on the effective date of this Ordinance;
    - b. The size of the lot;
    - c. The results of soil evaluation and testing that were conducted and which

- determine that the soil conditions on the lot are of an extent or nature that only a Primary Area exists on the lot; and,
- d. The inability of the applicant to acquire adjacent land, or the unsuitability of adjacent land which might be able to be acquired.
3. Under this Subsection H., the Board may condition relief on a more frequent pumping schedule, use of water conservation measures or other appropriate management techniques.
- I. No lot shall be completely exempted from the requirements of this Ordinance regarding initial system inspection and/or periodic tank pumping.
1. The required pump-out frequency for treatment tanks may be altered by the Municipality. The SEO may reduce (shorten) the interval between pump-outs to assure proper operation of the system based on:
    - a. Loading rates which are greater than described in the permit for the system; or,
    - b. For other good cause.
  2. The SEO may extend the required pump-out interval upon application where the owner can demonstrate that the system can operate properly without the need for pump-out for a period longer than three years, provided that supporting documents conclusively verify:
    - a. Reduced system loading; or,
    - b. Accumulation of sludge, scum or other residual materials to a level of less than one-third the liquid capacity of the tank; or,
    - c. For aerobic tanks, the manufacturer's recommendations that indicate a greater interval is appropriate.
    - d. A report from the SEO resulting from a site investigation indicating that no malfunction exists on the property; or,
    - e. The system is consistent with the permit that was issued for the property.
  3. The applicant for a lengthened pump-out interval shall bear the cost of any SEO inspection necessary to verify the justifications for relief submitted by the applicant.
  4. A one-time extension for a period of two years may be granted.
  5. In no case shall the cumulative pump-out interval be greater than five (5) years.
  6. Any altered pumping frequency shall automatically end when the factors upon which the altered requirement are predicated are removed or are no longer applicable.

#### **SECTION XV. - Violations - Penalties - Suspensions**

- A. It shall be illegal to commence construction of a structure which will be served by an on-lot system without first obtaining a permit for the system.
- B. It shall be illegal to construct, alter or repair an on-lot system without first obtaining a permit for the installation or repair from the SEO.
- C. It shall be illegal to fail to maintain the components of an on-lot system at the intervals specified in this ordinance, or those specified by the equipment manufacturer.
- D. It shall be illegal for a hauler/pumper business to fail to file the necessary reports in a timely manner.
- E. Any person who commits a summary offense and violates any of the provisions of this Ordinance shall be subject to prosecution by the Municipality and, upon conviction before a District Justice, shall be subject to a fine of not less than three hundred dollars (\$300) nor more than one thousand dollars (\$1,000), plus costs of prosecution.
- F. Each day of a continuing violation shall be considered a new and separate violation of this Ordinance and shall be subject to separate penalty.
- G. Any Service Provider business which has been convicted on two (2) occasions for violations of this Ordinance, or which fails to comply with any of the provisions of this Ordinance, or which violates the conditions of its DEP permit relating to the handling,

treatment or disposition of septage materials, or of any State law or Municipality ordinance governing its operation, shall be barred from operating within the Municipality for a period of not less than six (6) months nor more than two (2) years, as determined by the Board.

H. In addition to any other actions to obtain compliance, the Municipality may assess civil penalties as described in the PA Sewage Facilities Act.

**SECTION XVI. - Severability**

The provisions of this Ordinance shall be severable, and if any of its provisions shall be held to be unconstitutional, illegal, or invalid, such unconstitutionality, illegality, or invalidity shall not affect the validity of any of the remaining provisions of the Ordinance.

**SECTION XVII. - Repealer**

All other ordinances or parts of ordinances inconsistent herewith are hereby repealed.

ORDAINED AND ENACTED into an Ordinance this \_\_\_\_\_ day of \_\_\_\_\_, YEAR.

GOVERNING BODY  
MUNICIPALITY NAME  
\_\_\_\_\_ COUNTY, PA

ATTEST:

\_\_\_\_\_ By: \_\_\_\_\_  
Secretary Chairman

\* \* \* \* \*  
\* \*

Compiler's Notes:

This ordinance cannot be implemented "as presented." The name and proper class of the adopting municipality and the name of the county must be inserted. References to the type of governing body (Supervisors, Commissioners, etc.) must be revised and appropriate dates must be supplied.

This ordinance is provided as a courtesy by the Pennsylvania Septage Management Association. Prior to adoption it must be reviewed by the municipal solicitor. Although this ordinance has been reviewed by a municipal solicitor and adopted by a Board of Supervisors, no claim is made regarding the suitability of the ordinance in any other municipality.

Consulting service to assist a municipality develop a comprehensive onlot system management Program including public information and involvement, newsletters, public meeting facilitation and related tasks is available through PSMA.

The Pennsylvania Septage Management Association  
Gilbert L. Longwell, Jr. Executive Director  
P. O. Box 7096 • Mechanicsburg, PA 17055 • 717-763-7762 • PSMA.net

# National Onsite Foundation Inspection and Field Observations Form

Property owner name(s) \_\_\_\_\_

Property address (not a P. O. Box) \_\_\_\_\_

**Land use (check all that apply)**

Residential -

- Single family house (# of bedrooms) \_\_\_\_\_  
 Number of families served by system \_\_\_\_\_  
 Nonresidential - explain \_\_\_\_\_

When inspected . . . (check all that apply)

- Occupied  Vacant  For sale

**System Information**

Date system installed (month/year) \_\_\_\_/\_\_\_\_ Original system? Y N If N, explain reason for current system. \_\_\_\_\_

Any repairs to current system? Y N If Y, explain nature of repairs. \_\_\_\_\_

Viewed from the street, where is . . .	front	right	left	back	unknown
When was system last pumped? ____/____	Treatment tank?				
	Absorption area?				

Building plumbing connections - List every waste/drain line/fixture or appliance that **DOES NOT** discharge to the treatment tank (sinks, tubs, showers, laundry room, kitchen, water softener, etc.) and indicate where they discharge. \_\_\_\_\_

**TREATMENT TANK (TT) Type:** \_\_\_\_ Septic (ST) \_\_\_\_ Aerobic (AT) **PUMP TANK (PT)**

Treatment Tank # ----->	TT1	TT2	TT3	TT4	Pump Tank #	PT1	PT2	PT3	PT4
Concrete (C) Steel (S) Other (O) <sup>†</sup> -->					Lift (L) Dose (D)				
# of compartments in tank					Capacity (gallons)				
Capacity (gallons)					<b>FILTERS - indicate type &amp; location (T #)</b>				
Condition OK or Needs repair (N)					Zabel© _____ Biomicrobics© _____				
Building sewer (inlet line)					peat _____ other _____				
Inspection port (over inlet baffle)					sand . . . free access _____ buried _____				
Access to grade (main manhole)					how many & size (each) _____				
Inlet baffle									
Outlet baffle									
Effluent delivery line									

<sup>†</sup> Explain

**ABSORPTION AREA (AA) - indicate type below.**

Depth of effluent standing in aggregate (if none enter 0) \_\_\_\_\_

How many absorption areas? \_\_\_\_\_

If cesspool or seepage pit - give distance effluent surface to inlet \_\_\_\_\_

cesspool _____ gallons ____ dia.	seepage pit _____ gallons ____ dia.	subsurface sand filter _____' x _____'
inground bed _____' x _____'	inground trenches; # _____ @ _____' x _____'	serial trenches # _____ @ _____' x _____'
ESM bed _____' x _____'	ESM trenches; # _____ @ _____' x _____'	IRSIS spray field _____ sq ft

Conditions seen at or near: ---->	TT1	TT2	TT3	TT4	PT1	PT2	PT3	PT4	AA	Ditch	Stream
Water on surface											
Odors											
Lush vegetation											
Missing/deteriorated baffle											
Deteriorated tank											
Backwash into tank											
Animal intrusion											
Other (specify)											

**ELECTRICAL COMPONENTS** If ANY of the following electrical components are incorporated in the system, make check mark and answer questions below: \_\_\_\_ Aerobic Units (AT) \_\_\_\_ Dosing Pumps (D) \_\_\_\_ Lift Pumps (L) \_\_\_\_ Chlorine Pump (Cl) \_\_\_\_ Other

Type of Equipment (circle)	AT	L	D	Cl	L	D	Cl	L	D	Cl	L	D	Cl	Comments (attach additional sheets as needed)
For the following, enter condition OK or Needs repair (N)														
Electrical connections														
On float operation														
Off float operation														
Alarm float operation														
Pump on block														
2 circuits (Yes or No)														
If check valve is used, is there a purge hole? (Y or N)														
Pump function OK? (Y or N)														
Other (specify)														

The above information is true and correct to the best of my/our knowledge and belief.

System Inspector \_\_\_\_\_ date \_\_\_\_/\_\_\_\_/\_\_\_\_ Pumper/hauler \_\_\_\_\_ date \_\_\_\_/\_\_\_\_/\_\_\_\_

# National Onsite Foundation System Inspection Site Sketch

Owner \_\_\_\_\_

Create a diagram/map of the property you have inspected. Indicate the following:

- Property lines • Nearest PUBLIC street /road • Structure(s) served by onlot system(s)
- Treatment tank - (label septic tank ST; aerobic tank AT) • Pump tank(s) (label lift pumps LP; dosing pumps DP)
- Filters (label sand filters: free access FASF; buried BSF; commercial filters: Zabel Z; Ecoflo E; other - identify)
- Absorption Area (AA) • Distribution box (DB) • Cesspool (CP) • Subsurface Beds, show perimeter of aggregate
- Subsurface Trenches, show each trench • ESM - show outer most berm perimeter • IRSIS - show perimeter of all spray field(s)
- Seepage Pit (SP) • Chlorinator (tablet T; liquid P)

Show swales, depressions, ditches & downspouts that direct water *toward* absorption areas. **Show all areas where liquid is on the surface.**

Provide distances *from two building corners to points*: CP, ST or AT, PT and DB, and *from two building corners to two corners of the AA* so buried features can be easily relocated in the future.


Notes/Comments

Prepared by: \_\_\_\_\_ / / \_\_\_\_\_



# National Onsite Foundation Tank Pumping and Field Observations Form

Parcel number \_\_\_\_\_  
(from Township letter)

## Property Information (Landowner PRINTS information)

Property owner name(s) \_\_\_\_\_

Property address (not a P. O. Box) \_\_\_\_\_

## Land use (check ONE)

- Residential -
- Single family house (# of bedrooms) \_\_\_\_\_
- Number of families served by system \_\_\_\_\_
- Nonresidential - explain \_\_\_\_\_

Owner's mailing address, if different \_\_\_\_\_

## System Information

Date system installed (month/year) \_\_\_\_/\_\_\_\_/\_\_\_\_ Original system? Y N If N, explain reason for current system. \_\_\_\_\_

Any repairs to current system ? Y N If Y, explain nature of repairs. \_\_\_\_\_

Viewed from the street, where is ...	front	right	left	back	unknown
When was system last pumped? ____/____/____					
Septic tank?					
Absorption area?					

## PUMPER COMPLETES THIS SECTION

TREATMENT TANK (TT) Type: \_\_\_\_\_ Septic \_\_\_\_\_ Aerobic

## PUMP TANK (PT)

Treatment Tank # - - - - ->	TT1	TT2	TT3	TT4	Pump Tank #	PT1	PT2	PT3	PT4
Concrete (C) Steel (S) Other (O) † - - ->					Lift (L) Dose (D)				
# of compartments in tank									
Condition OK or Needs repair (N)					FILTERS - If serviced, enter S				
Inspection port (over inlet baffle)					Zabel© _____	Biomicrobics© _____			
Access to grade (main manhole)					peat _____				
Inlet baffle					sand free access _____	buried _____			
Outlet baffle									

† Explain \_\_\_\_\_

TOTAL GALLONS PUMPED (all tanks) - - - - ->                     

Date Pumped \_\_\_\_/\_\_\_\_/\_\_\_\_

Where was septage discharged? Facility name \_\_\_\_\_ DEP Permit /ID \_\_\_\_\_

## Walk Over Observations

Conditions seen at or near: - - - ->	TT 1	TT 2	TT 3	TT 4	PT 1	PT 2	PT 3	PT 4	AA
Water on surface									
Odors									
Lush vegetation									
Missing/deteriorated baffle									
Deteriorated tank									
Backwash into tank									
Animal intrusion									
Other (specify)									

The above information is true and correct to the best of my/our knowledge and belief.

Owner \_\_\_\_\_ date \_\_\_\_/\_\_\_\_/\_\_\_\_ Owner \_\_\_\_\_ date \_\_\_\_/\_\_\_\_/\_\_\_\_

Pumper/hauler \_\_\_\_\_ date \_\_\_\_/\_\_\_\_/\_\_\_\_

## Notes, Comments, Suggestions

