



PLATTE COUNTY HEALTH DEPARTMENT

212 Marshall Road
 Platte City, Missouri 64079
 Phone: (816) 858-2412 Fax: (816) 858-2087

Proposed System:

- Sewage Tank (septic tank or aeration unit) and Wastewater Stabilization Pond (complete Section A below)
- Sewage Tank (septic tank or aeration unit) and Absorption Field (complete Section B below)
- Alternative System (complete Section C below and attach design prepared by a qualified Registered Professional Engineer or Registered Architect)

A. Sewage Tank (septic tank or aeration unit) and Wastewater Stabilization Pond

Septic Tank Capacity:	Septic Tank Manufacturer:	Septic Tank Construction Material:
NSF Class I Aeration Unit Treatment Capacity:	Manufacturer:	Construction Material:
Pump Tank Capacity (if required)	Manufacturer:	Construction Material:
Pond Dimensions (length x width or diameter):	Water Surface Area:	Operating Depth:
Pond Seal: <input type="checkbox"/> Native Soil <input type="checkbox"/> Artificial Liner <input type="checkbox"/> Bentonite Clay <input type="checkbox"/> Clay from Another Source	Type of Equipment Used to Compact Soil:	

Indicate locations of house, all tanks, pond, fence, gate, and all setback distances on Site Layout (following page)

B. Sewage Tank (septic tank or aeration unit) and Absorption Field

Septic Tank Capacity:	Septic Tank Manufacturer:	Septic Tank Construction Material:
NSF Class I Aeration Unit Treatment Capacity:	Manufacturer:	Construction Material:
Pump Tank Capacity (if required)	Manufacturer:	Construction Material:
Effluent Distribution: <input type="checkbox"/> Pressurized Manifold Distribution Using Dosing Siphon <input type="checkbox"/> Pressurized Manifold Distribution Using Pump Tank <input type="checkbox"/> Distribution Box Using Gravity (field must be divided into equal fields) <input type="checkbox"/> Pump-to Distribution Box (field must be divided into equal fields) <input type="checkbox"/> Dosing Siphon to Distribution Box (field must be divided into equal fields) <input type="checkbox"/> Serial Distribution <input type="checkbox"/> Flat Lot Layout	Trench Length:	
Absorption Field Material: <input type="checkbox"/> Perforated Pipe and Gravel <input type="checkbox"/> Other (specify) _____ <input type="checkbox"/> Chambers <input type="checkbox"/> Expanded Polystyrene Product <input type="checkbox"/> Gravelless Pipe with Filter Wrap	Trench Width:	
	Trench Depth:	
	Number of Trenches:	

Indicate locations of house, all tanks, absorption trenches, and all setback distances on Site Layout (following page)

C. Alternative System (attach design prepared by a Registered Professional Engineer or Registered Architect)

Type of System:

<input type="checkbox"/> Low Pressure Pipe System	<input type="checkbox"/> Wetlands and Absorption Field	<input type="checkbox"/> Other (specify)
<input type="checkbox"/> Drip Dispersal System	<input type="checkbox"/> Mound System	
<input type="checkbox"/> Sand Filter and Absorption Field	<input type="checkbox"/> Peat Filter and Absorption Field	_____



PLATTE COUNTY HEALTH DEPARTMENT

212 Marshall Road

Platte City, Missouri 64079

Phone: (816) 858-2412 Fax: (816) 858-2087

Site Layout

1. Show property lines and dimensions to reflect the shape and size of the property.
2. Diagram proposed system. Show appropriate elevations to indicate proper fall for the system. System must be "flagged" or "staked" on the property for the site evaluation.
3. Show distances to house, well, water lines, property lines, rock outcrops, lakes, ponds, streams, rivers, etc.
4. Show distances to neighbors' wells, homes, and sewage disposal systems.
5. Show locations of all soil morphology test pits or percolation test holes. Pits or holes must be "flagged" or "staked" on the property for site evaluation.
6. Show fence location around wastewater stabilization pond (if applicable).
7. Show locations of curtain drains and/or diversion berms.
8. Use the Slope Diagram (right) to show percent of slope. Use arrows on the Site Layout (above) to indicate direction of slope.
9. Indicate locations of easements that exist for utilities, roads, private driveways, or other easements.

Slope Diagram (Show percent slope on a diagram (elevation change ÷ distance x 100 = % slope). Show cross section of system on the slope.)