

Local Health District

Date Received

Permit #

# OHIO DEPARTMENT OF HEALTH APPLICATION/PERMIT FOR A PRIVATE WATER SYSTEM SITE PLAN

Property Address

Owner / Applicant

Prepared by

As required in OAC 3701-28-03(F) & (G), additional plans will be required with this site plan form if this private water system permit request is being obtained for:  
1) any private water system servicing greater than a three-family dwelling, a building, or within three hundred feet of a land application area;  
2) any private water system servicing a pond, cistern, spring, or private water system located in an area of known flowing well conditions.  
3) any private water system installation including a drive point well, buried pressure tank, gasoline power pump, continuous disinfection system, or point-of-entry water treatment system.

### SITE PLAN DRAWING

Check this box if the drawing is supplied on a separate sheet.

- Clearly indicate the location of all proposed and existing private water systems.
- Clearly indicate all possible sources of contamination from the list to the right, including but not limited to the house, the sewage system and the driveway.
- Clearly indicate the north direction, property lines, roads and road intersections.

### LIST OF POTENTIAL CONTAMINATION SOURCES.

Write the distance from the proposed private water system location to the source listed below, if applicable.

**All distances must be specific to the private water system.**

- \_\_\_\_\_ ft House, Building
- \_\_\_\_\_ ft Deck or porch, not part of foundation
- \_\_\_\_\_ ft Lot lines and easements
- \_\_\_\_\_ ft Existing properly constructed well, private
- \_\_\_\_\_ ft Existing properly constructed well, public
- \_\_\_\_\_ ft Properly sealed well
- \_\_\_\_\_ ft Well or borehole of unknown or unregulated unpermitted construction
- \_\_\_\_\_ ft Road right-of-way and road utility easements
- \_\_\_\_\_ ft Road driving surface
- \_\_\_\_\_ ft Driveway or parking lot
- \_\_\_\_\_ ft Watertight sewer or drain
- \_\_\_\_\_ ft Sewage tanks, sewage absorption fields, watertight vault privies, or gray water recycling system
- \_\_\_\_\_ ft Leaching privies, leaching pits, dry wells, or drainage wells
- \_\_\_\_\_ ft Geothermal systems  
Identify Type: \_\_\_\_\_
- \_\_\_\_\_ ft Streams, lakes, ponds
- \_\_\_\_\_ ft Storm water structure, special conduits, or other ditches with intermittent flow
- \_\_\_\_\_ ft Bulk salt storage piles
- \_\_\_\_\_ ft Natural gas or propane tanks
- \_\_\_\_\_ ft Fuel oil, diesel, chemical, gasoline tanks or other petroleum liquids (< 1100gal)
- \_\_\_\_\_ ft Fuel oil, diesel, chemical, gasoline tanks or other petroleum liquid (>1100 gal)
- \_\_\_\_\_ ft Oil and gas wells or oil and gas well pad
- \_\_\_\_\_ ft Municipal solid, residential, and industrial waste, and composting facilities
- \_\_\_\_\_ ft Construction and demolition debris facility
- \_\_\_\_\_ ft Land application of septage, manure, or biosolids storage facility. stockpile, storage or staging area
- \_\_\_\_\_ ft Agricultural manure ponds, lagoons, or Piles
- \_\_\_\_\_ ft Other: \_\_\_\_\_

Comments

**Please refer to OAC 3701-28-07 for required isolation distances.**

The following chart provides the minimum isolation distance requirements established in Ohio Administrative Code (OAC) 3701-28-07 for private water systems. Refer to <http://codes.ohio.gov/oac/3701-28-07v1>, for the complete isolation distance rule language in OAC 3701-28-07.

*This chart is provided as a courtesy and is not required to be submitted with the application and site plan.*

### Isolation Distance Requirements as per OAC 3701-28-07

| <u>Potential Source of Contamination</u>   | <u>Minimum</u>   |
|--|--|
| If the potential source of contamination is not listed below   | 50 ft  |
| Dwelling or building foundation  | 10 ft  |
| Deck or porch, not part of the building foundation for basement or crawl space   | 5 ft   |
| Road right-of-way  | 10 ft  |
| Normal Road surface (edge of) when no right-of-way is designated   | 25 ft - only if this isolation distance gives a greater separation distance than the road utility easement |
| Road utility easement, when no right-of-way is designated  | 10 ft - only if this isolation distance gives a greater separation distance than the normal road surface   |
| Driveway or parking lot (edge of)  | 5 ft   |
| Lot lines / Easements  | 10 ft  |
| Watertight sewers and drains (more than five feet from outside the building foundation)  | 10 ft  |
| Sewage treatment system (STS)  | 50 ft  |
| Gray water recycling system (GWRS) components  | 50 ft  |
| Leaching pits (not properly abandoned)   | 100 ft   |
| Dry wells (not properly abandoned)   | 100 ft   |
| Watertight vault privies   | 50 ft  |
| Leaching privies   | 100 ft   |
| Wastewater treatment plant   | 300 ft   |
| Drainage wells   | 100 ft   |
| Properly sealed wells  | 5 ft   |
| Private water system well (constructed properly)   | 10 ft  |
| Public water system well (constructed properly)  | outside the sanitary isolation radius of the public water well – OAC 3745-9-04(B)(2)                       |
| Water wells or boreholes of unknown or unregulated unpermitted construction  | 50 ft  |
| Vertical open loop geothermal system, sealed with grout materials  | 25 ft  |
| Horizontal or vertical closed loop geothermal system, utilizing propylene glycol   | 25 ft  |
| Horizontal or vertical closed loop direct exchange geothermal system with circulating refrigerant or a heat transfer antifreeze other than propylene glycol                                      | 50 ft  |
| Horizontal or vertical geothermal system of unknown or undocumented construction   | 50 ft  |
| Streams, lakes, ponds and other permanent bodies of water  | 25 ft  |
| Storm water structure / special conduits / ditches with intermittent water flow  | 15 ft  |
| Bulk salt storage piles  | 100 ft   |
| Fuel operated motors used for well pumps without secondary containment   | 50 ft  |
| Fuel oil, diesel, chemical, or gasoline storage tanks or other petroleum liquids (less than 1,100 gal)   | 50 ft  |
| Fuel oil, diesel, chemical or gasoline storage tanks or other petroleum liquids (greater than 1,100 gallons without secondary containment)   | 300 ft   |
| Natural gas or propane (LP/liquid propane) home heating tanks above or below ground  | 20 ft  |
| Oil and gas wells or the oil and gas well pad  | 100 ft   |
| Municipal solid waste, residential waste, industrial waste, and Class I, II, III solid waste composting facilities   | 1000 ft  |
| Construction and demolition debris solid waste facility and Class IV solid waste composting facilities   | 500 ft   |
| A regional storage facility or other bulk storage facility for biosolids (sludge)  | 300 ft   |
| Grass pasture with large animals (with barrier around well component)  | 5 ft   |
| Animal waste management facility located at major, large, or medium concentrated animal feeding facilities (AFF)   | 300 ft   |
| Animal waste management facility located at an AFF <u>not</u> designated concentration as major, large, or medium  | 150 ft   |
| Animal housing or holding pens with no grass cover, stables, manure piles, fabricated manure storage and animal waste or treatment buildings not located at an AFF                               | 50 ft  |
| Land application of septage waste, manure, or biosolids (sludge) stockpile, storage or staging area where the Ohio EPA has determined the aquifer has a high susceptibility to contamination     | 300 ft   |
| Surface land application area for septage, biosolids (sludge), commercially land applied manure, or other similar materials previously approved by Ohio EPA or the board of health               | 200 ft   |
| Subsurface incorporation application area using septage, biosolids (sludge), commercially produced manure, or other similar materials previously approved by the Ohio EPA or the board of health | 100 ft   |
| Storage or preparation area for commercial application of fertilizers or pesticides  | 150 ft   |