

Saint Louis County

Environmental Services Department

Onsite Wastewater Division - 1-800-450-9278

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Virginia: 307 First St. So. East Wing 2R, Virginia, MN 55792, (218) 749-0625

HOLDING TANK WORKSHEET

(See other side of this worksheet for regulations)

Applicant Name: _____ Site Location: _____

System Designer: _____ System Installer: _____

Is the proposed use of the property seasonal? Y / N

Dates of use: _____ until _____

Proposed duration of holding tank permit _____ years

Is there a finalized plan for municipal sewer extension serving this property? Y/N

Scheduled year of installation? _____

Can a treatment system be installed on property? Y / N

Comments _____

Is there a hardship associated with the installation of a conventional system? Y / N

Explain: _____

Is the proposed Holding Tank within 1000 feet of a lake, river or stream? Y / N

Amount of people using holding tank in the course of a week? _____

Proposed volume of tank? _____ gallons Alarm type _____

Proposed pumper _____

Proposed frequency of pumping _____ times per year

Elevation of tank seams above seasonal high water table or saturated soils? _____

Proposed amount of cover _____

Is tank to be insulated? Y / N

OFFICE USE ONLY – TO BE DETERMINED BY THE HEALTH DEPARTMENT:

Is a variance needed for this proposal? Y / N

(From Ordinance 55)

23.06 Class V Alternatives, Holding Tanks.

- A. An ***Operating Permit*** is required to construct and maintain a Holding Tank.—Holding Tanks may only be installed where standard or Alternative Systems are not feasible.
- B. **Holding Tanks may be allowed:**
 - 1. as replacements for existing nonconforming systems on existing parcels or lots as of the date of the enactment of these Standards;
 - 2. on existing lots of record for new seasonal development;
 - 3. in cases where a municipal sewer will be available in the near future (within 5 years).
- C. A Holding Tank shall be constructed of the same materials and by the same procedures as those specified for watertight Septic Tanks.
- D. A clean out pipe of at least six inches diameter shall extend to the ground surface and be provided with seals to prevent odor and to exclude insects and vermin. A manhole of at least 20 inches shall extend through the cover to a point within 12 inches, but no closer than six inches, below finished grade. The manhole cover shall be covered with at least six inches of earth.
- E. The tank shall be protected against flotation under high Water Table conditions. This shall be achieved by weight of tank, earth anchors, or shallow bury depths.
- F. For a Dwelling the size shall be 1,000 gallons, or 400 gallons times the number of Bedrooms, whichever is greater.

For permanent structures other than Dwellings, the Capacity shall be based on measured flow rates or estimated flow rates. The tank Capacity shall be at least five times the daily flow rate.
- G. Holding Tanks shall be located: in an area readily accessible to the pump truck under all weather conditions; as specified for Septic Tanks in Section 22, Table VI; where accidental spillage during pumping will not create a nuisance.
- H. A contract for disposal and treatment of the Sewage waste shall be maintained by the Owner with a Minnesota State-Licensed pumper, municipality, Agency, or firm established for that purpose.
- I. Holding Tanks shall be monitored to minimize the chance of accidental Sewage overflows. Techniques such as visual observation, warning lights, or bells, or regularly scheduled pumping shall be used. For Other Establishments, a positive warning system shall be installed which allows 25 percent reserve Capacity after actuation.
- J. Property use. Residential properties using a Holding Tank shall be limited to seasonal use only. Seasonal is defined as April through November.
- K. Pumps. Pumps shall not be allowed to be installed in Holding Tanks.
- L. Water meters shall be installed.
- M. The inlet of the Holding Tank shall not be installed below the seasonal high water table.