Wastewater Holding Tank
Design Considerations & Details

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Permit Number: **PRPSW** Roll Number:

The following information is to **accompany** the **Private Sewage Disposal Permit Application** for an **Wastewater Holding Tank System.**

Required Information:

- ☐ **Private Sewage Disposal Permit Application** - Completed (please put N/A in spaces which are not applicable).
- ☐ **Signature of Applicant on Permit Applicant Declaration**
- ☐ **Wastewater Holding Tank Design Considerations & Details** - This form Completed.
- ☐ **Site Evaluation Diagram - *Appendix A*** - Attach a *detailed* site diagram including the system location in relation to buildings, distance to water supply and /or surface water bodies, and other pertinent information *(as per Part 7 of the Private Sewage Standard of Practice 2009)* .
- ☐ **Specifications for System Components -** Attached manufacturer's and design specifications for system components
- ☐ **Any other qualifications of limitations that in your opinion as the designer/installer are needed.**

This private sewage system is for a _____ (# of) person/seat building. Based on the characteristics of the building identified during our assessment, the total peak wastewater flow (as per Table 2.2.2.2.B of the Private Sewage Standard of Practice 2009) per day is _____ imperial gallons with an average operating flow of _____ imperial gallons per day.

APPROVAL IS NEEDED BEFORE ANY HOLDING TANKS ARE TO BE INSTALLED IN THE COUNTY OF GRANDE PRAIRIE NO. 1.

The municipality has been contacted and they have no restriction on the installation of this holding tank.

- ☐ Yes, proceed with this application.
- ☐ No, contact the County of Grande Prairie No. 1

Wastewater Characteristics:

Wastewater Peak Flow:

- The development served is a _____ (# of)person/seat building.

Site Evaluation Findings:

Site Evaluation Diagram:

- Lot area: _____ ac / Ha

☐ The dimensions of the property are shown in the **Site Evaluation Diagram**, attached in ***Appendix A*** .

- The site evaluation assessed the area within a **100m (330ft) radius** of all components of the system design. The design conforms to all distances set out in the Standard of Practice (SOP), including the distances to adjacent property features. No significant setback constraints were noted.

☐ Line locates confirmed there are no existing utilities or easements to be considered.

☐ Water courses, water wells or other setback constraints were noted on the **Site Evaluation Diagram, *Appendix A*** . Please describe where (distance to installation):

_____

_____

_____

_____

☐ Pertinent features identified during the site review and required setback distances are noted on the **Site Evaluation Diagram, *Appendix A*** .

Holding Tank:

- The working capacity of the holding tank specified is _____ Imp. Gal.
- Tank Model Number: _____

☐ Specifications for the Model of Holding Tank used are attached.

- **The sewage needs to be hauled to an approved site, BY AN APPROVED CARRIER.**

- Burial depth of the holding tank at finished grading will be _____ inches above the top of the tank.
- This tank is rated for a maximum burial depth of : _____
- Insulation of the tank required?
  - ☐ Yes - _____
  - ☐ No

High Liquid Level Alarm:

- Alarm Model Number: _____
- The alarm is set to activate_____ inches above the floor of the holding tank. This will provide approximately _____ Imp. Gal. of storage after the high level alarm signals, the equivalent of one day flow of sewage.

Initial Operational Setup Parameters:

The following activities need to be conducted to commission the system:

- ☐ Clean the holding tank of any construction debris.
- ☐ Conduct test to ensure water tightness of all tank seals.
- ☐ Confirm the correct high level alarm setting.

Operation and Maintenance Manual:

☐

The Owner's Manual detailing the design, operation, and maintenance of the installed system will be provided to the owner in accordance with **Article 2.1.2.8.** of the **Standard of Practice**.

Signature and Closing by the Designer/Installer:

This design has been developed by _____. This design meets the requirements of the **Alberta Private Sewage System Standard of Practice 2009** unless specifically noted otherwise and in such case special approval is to be obtained prior to proceeding with installation of this design.

Signature of Designer/Installer: _____

Wastewater Holding Tank

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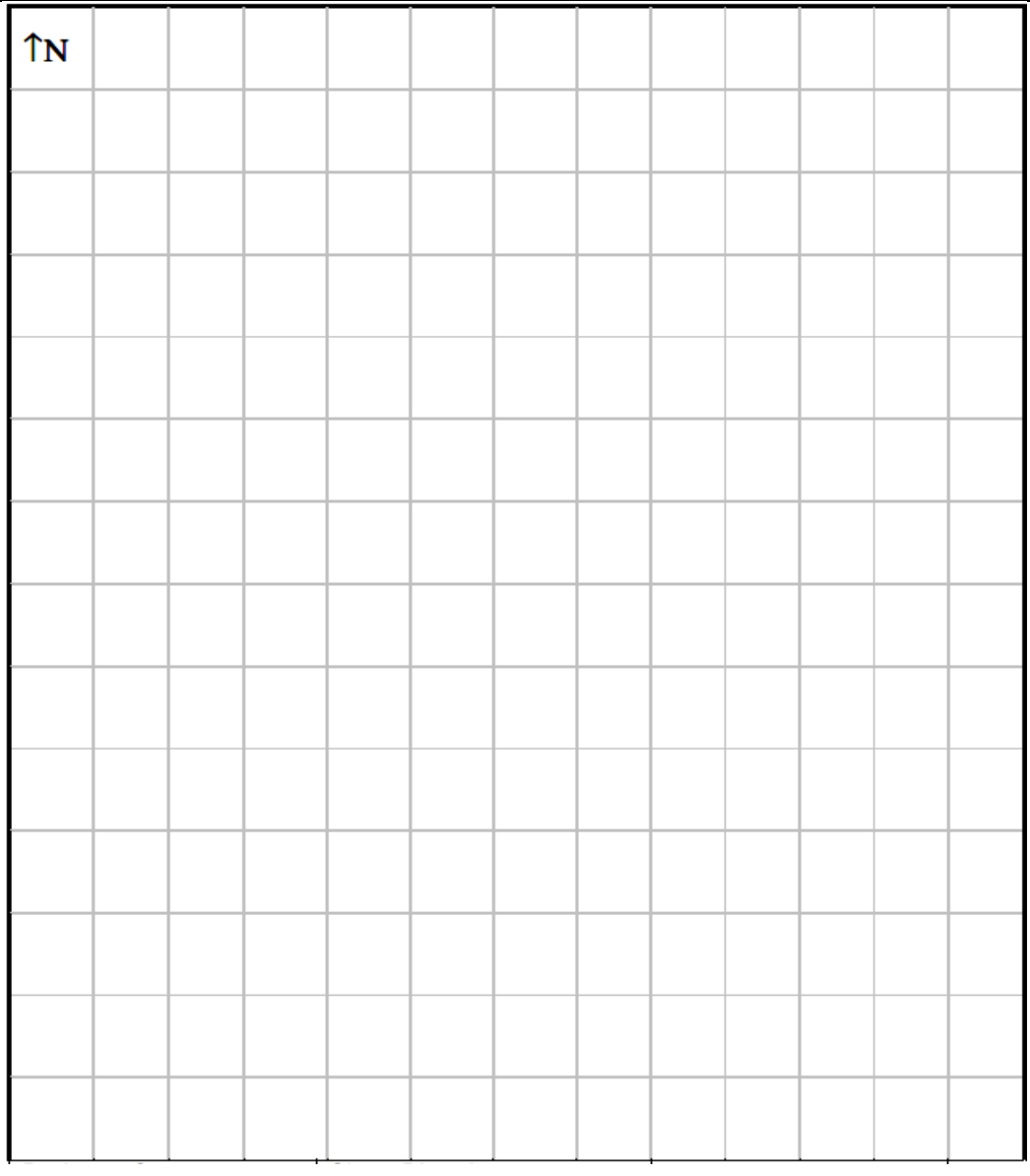
Appendix A - Site Evaluation Diagram:

Please show the proposed location of the onsite sewage system and indicate the distances from the following:

Bedrock	Trees	Driveways	Easement Lines
Outcrops	Floodplains	Existing Sewage Systems	Ditches or Interceptors
Buildings	Wells	Underground Utilities	Banks or Steep Slopes
Property Lines	Waste Sources	Soil Test Pits	Fills



Please indicate:

Drainage Course	Slope Direction	Test Pit 1 Test Pit 1 ☐	Test Pit 2 Test Pit 2 ☐