

Private Sewage Permit Application

Permit Type: ☐ Owner ☐ Contractor

Application Date (M/D/Y): _____

eSITE Permit Number: 305305- _____

Building Permit Number: _____

Estimated Completion Date (M/D/Y): _____

Owner: _____ Mailing Address: _____
City: _____ Prov.: _____ Postal Code: _____ Phone: _____
Cell Number: _____ Fax: _____ Email Address: _____

Contractor: _____ Mailing Address: _____
City: _____ Prov.: _____ Postal Code: _____ Phone: _____
Cell Number: _____ Fax: _____ Email Address: _____

Street or Rural Address: _____ Subdivision or Hamlet Name: _____
Unit #: _____ Lot: _____ Block: _____ Plan: _____ Tax Roll #: _____
Legal Subdivision: Part of: _____ 1/4 Sect: _____ Twp: _____ Rge: _____ W of: _____
Directions: _____

Type of Work:

Conventional:

- ☐ Commercial
☐ Industrial
☐ Residential

Advanced:

- ☐ Commercial
☐ Industrial
☐ Residential

Project Information:

- ☐ New
☐ Alteration
☐ Work Camp # of men _____
Number of Bedrooms _____
Depth to Water Table _____

Expected Volume of Effluent:

- ☐ gallons per day _____
☐ m3 per day _____
☐ liters per day _____

Components Used:

- ☐ Septic Tank; Size _____
☐ Lagoon
☐ Packaged Sewage Treatment Plant
☐ Holding Tank; Size _____
☐ Open (surface) discharge
☐ At Grade
☐ Disposal Field; Size _____
☐ Treatment Mound; Size _____
☐ Sand Filter

☐ Soil Log Report from two (2) test pits with Soil Analysis Report (attach copy)

Detailed Description of Work:

SITE EVALUATION DIAGRAM: 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 2021).

Permit Applicant Declaration: The permit applicant certifies that this installation will be completed in accordance with the Alberta Safety Codes Act and Regulations and work will commence within 90 days. The permit applicant/owner acknowledges that as per Section 12(2) of the Alberta Safety Codes Act; Superior Safety Codes Inc. is not liable for any decision related to the system of inspections, examinations, evaluations and investigations including but not limited to a decision relating to their frequency and the manner in which they are carried out. The personal information provided on this form is protected by the Freedom of Information of Privacy Act.

Installer's Name (Please print) _____

Installer's Signature _____

Homeowner's Signature (Homeowner permits only) _____

Private Sewage Installer's Number: PS _____

Homeowner Declaration: By signing this permit I hereby certify that I own or will own and occupy this dwelling.

Permit Fee: \$ _____ *SCC Levy: \$ _____ TOTAL FEE: \$ _____

PERMIT FEES ARE NON REFUNDABLE

*SCC Levy is 4% of the permit fee with a minimum of \$4.50 and a maximum of \$560

Payment Method: ☐ Visa ☐ M/C ☐ Debit ☐ Cheque ☐ Cash RECEIPT NUMBER: _____

Please be advised that any information provided to Sturgeon County (the "County") in order to process your application is subject to the application of the Access to Information Act (ATIA) and may be used and disclosed in accordance with the legislation. Specifically, all documents and studies required to be prepared and submitted by the applicant to the County are deemed to be publicly available and the property of the County once they are submitted to the County to process the application. Unless the submitting party explicitly indicates, in advance and clearly on the face of the record, that certain parts of the information are provided in confidence to the County and are to remain confidential, all documents and studies submitted to the County may be subject to disclosure under the ATIA. If confidentiality is required, it is the responsibility of the submitting party to clearly mark such records as Confidential and provide written rationale for the request. Should the applicant provide the County with such a declaration of confidentiality, the County will take this under consideration to determine if the document and/or study can be accepted in confidence; however, the County cannot guarantee that such information will remain confidential and will not be subject to disclosure pursuant to the ATIA.

Permit Validation Section to be completed by the Permit Issuer:

Special Conditions: _____

SCO's Name (print or type) _____ SCO's Signature _____

SCO's Designation Number _____ Date of Issue (M/D/Y): _____

M/C or Visa Number _____ Expiry Date: _____

Name (as it appears on card): _____ Authorized Signature: _____



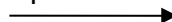
Permit Number: _____

Name: _____

Date: _____

Private Sewage System Site Evaluation Diagram

Legal Description: _____

| | | | |
|---|--|---|--|
|  |  | <p>Show the proposed location of the onsite sewage system and indicate the distances from the following:</p> <ul style="list-style-type: none"> trees floodplains wells waste sources bedrock outcrops buildings property lines easement lines ditches or interceptors banks or steep slopes fills driveways existing sewage systems underground utilities soil test pits | |
| drainage course | slope direction  | Test Pit 1 <input style="width: 30px; height: 20px;" type="checkbox"/> | Test Pit 2 <input style="width: 30px; height: 20px;" type="checkbox"/> |

Note: Additional information is required to be submitted separately for the system design detail.

Permit Number: _____

Name: _____

Date: _____

SITE EVALUATION REPORT

The information requested in this document must be submitted with the permit application as required by the Private Sewage Systems Standard of Practice 2015.

INCOMPLETE APPLICATIONS WILL BE RETURNED.

Permit Number (to be assigned by the Permit Issuer): _____

Owner's Name: _____

Installer's Name: _____

Legal Land Description: _____

A detailed diagram of the site where the sewage system will be installed **must** be included.

The following information is to be shown on the diagram and must be to scale:

- ☐ Property size (in acres)
- ☐ All boundary lines including the lengths in feet or meters
- ☐ Buildings, roads, driveways and other property improvements; existing or proposed
- ☐ Existing easements
- ☐ Wells, cisterns or proposed water source locations on the property
- ☐ Surface waters, rock outcrops and drainage features
- ☐ Topography of the proposed treatment site **
- ☐ Soil test pits locations with surface elevations **
- ☐ Location of a permanent benchmark and it's elevation **
- ☐ Outline of available treatment areas **

** Not required for the installation of a sewage holding tank.

SOIL PROFILE REPORTING

The characteristics of each soil profile investigated shall be described using the Canadian System of Soil Classification nomenclature and include the following in the soil profile description:

- ☐ **Soil Horizons** – the distance from the ground surface to the top and bottom of each soil horizon observed shall be measured and distinctness and topography of the horizon boundaries described.
- ☐ **Soil Color** for each soil lies and identified, the matrix color and quantity, size, contrast, and color of any redoximorphic features present shall be described.
- ☐ **Texture** for each horizon identified, the soil texture classification including any appropriate texture modifier shall be reflected in this evaluation report and a **soil sample of the most restricting layer** affecting the design shall be collected and **analyzed at a laboratory** using a recognized grain or particle size analysis method to determine the texture of the same.

NOTE: Other than Sandy Clay any texture that uses the word SAND in its description must include sand particle size.

- ☐ **Soil Structure** and grade of structure identified for each horizon.
- ☐ A statement regarding the treatment capability and dispersal capacity of the available site(s).
- ☐ Where the soil profile includes features that will require the lateral movement of water through the soil away from the dispersal system, identified constraints on the system design and allowable effluent hydraulic loading rates, as it relates to linear loading rates.
- ☐ A summary of the significant limiting conditions of soil profile and site.
- ☐ A justification of the locations and number of the soil profiles investigated.
- ☐ A description of the development being served including:
 - Characteristics affecting the determination of peak and average wastewater flows to be used in the design,
 - The peak daily wastewater flow volume to be used for the system design, and
 - Anticipated effluent wastewater strength.

soil profile report con't.

- ☐ Copies of laboratory soils analysis reports have been attached.
- ☐ Number of soil profiles investigated; a minimum of two (2) test pit excavations shall be investigated at the proposed location for the soil-based treatment component to classify and assess the treatment capacity of the soil.
- ☐ Minimum depth of soil investigation (choose appropriate depth as per YOUR design). The soil profiles shall be investigated to a minimum depth below ground surface of:
 - ☐ 4 feet for Treatment Mounds.
 - ☐ 9 feet for Treatment Fields receiving primary treated effluent (septic tank effluent).
 - ☐ 6.5 feet for Treatment Fields receiving secondary treated effluent (treatment plant, sand filter effluent)
 - ☐ 6 feet for Open Discharge systems.

NOTE: When the site evaluation report is complete the information from the report is to be used to produce your System Design Report. This includes any features that would require peak flow to be increased.

Alberta Private Sewage Treatment System Soil Profile Log Form

| | | | | | | | | | | | |
|--|--------------------|---------------|--------------|-----------------|---|----------------------------|-----------|--------------------------|-------------|--------------------------|---------------------|
| Owner Name or Job ID | | | | | | | | | | | |
| Legal Land Location | | | | | | | | Test pit | | | |
| LSD – ¼ | Sec | Twp | Rg. | Mer. | Lot | Block | Plan | Easting | | Northing | |
| | | | | | | | | | | | |
| Vegetation Notes: | | | | | | Overall Site Slope % | | | | | |
| | | | | | | Slope position of test pit | | | | | |
| Test Hole No. | | Soil Subgroup | | Parent Material | | Drainage | | Depth of Lab (sample #1) | | Depth of Lab (sample #2) | |
| | | | | | | | | | | | |
| Horizon | Depth (cm) (in) | Texture | Lab or HT | Color | Gleying | Mottling | Structure | Grade | Consistence | Moisture | %Coarse Fragment |
| | | | | | | | | | | | |
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| | | | | | | | | | | | |
| Depth to Groundwater: | | | | | Limiting Soil Layer Characteristic, describe: | | | | | | |
| Depth to Seasonally Saturated Soil: | | | | | Depth to Limiting Soil Layer: | | | | | | |
| Limiting Topography: | | | | | Depth to Highly Permeable Layer: | | | | | | |
| Key Limiting Features on System Design: | | | | | | | | | | | |
| Weather Condition Notes: | | | | | | | | | | | |
| Comments (such as root depth and abundance or other pertinent observations): | | | | | | | | | | | |

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| Owner Name or Job ID | | | | | | | | | | | |
| Legal Land Location | | | | | | | | Test pit | | | |
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| Vegetation Notes: | | | | | | Overall Site Slope % | | | | | |
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| Horizon | Depth (cm) (in) | Texture | Lab or HT | Color | Gleying | Mottling | Structure | Grade | Consistence | Moisture | %Coarse Fragment |
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| Weather Condition Notes: | | | | | | | | | | | |
| Comments (such as root depth and abundance or other pertinent observations): | | | | | | | | | | | |