

# Private Sewage Disposal Permit Application

Permit Label

Other permits that may be required:  Building  Electrical  Gas  Plumbing

Permit Type:  Owner  Contractor

Development Permit Number: \_\_\_\_\_

Application Date (M/D/Y): \_\_\_\_\_

Estimated Installation Date (M/D/Y): \_\_\_\_\_

**Owner Name:** \_\_\_\_\_ **Mailing Address:** \_\_\_\_\_  
**City:** \_\_\_\_\_ **Prov:** \_\_\_\_\_ **Postal Code:** \_\_\_\_\_ **Phone:** \_\_\_\_\_  
**Alt Phone:** \_\_\_\_\_ **Email Address:** \_\_\_\_\_ **Fax:** \_\_\_\_\_

**Contractor:** \_\_\_\_\_ **Mailing Address:** \_\_\_\_\_  
**City:** \_\_\_\_\_ **Prov:** \_\_\_\_\_ **Postal Code:** \_\_\_\_\_ **Phone:** \_\_\_\_\_  
**Alt Phone:** \_\_\_\_\_ **Email Address:** \_\_\_\_\_ **Fax:** \_\_\_\_\_

**Project Location:**  
**Municipality:** \_\_\_\_\_ **Street Address:** \_\_\_\_\_  
**Unit #:** \_\_\_\_\_ **Lot:** \_\_\_\_\_ **Block:** \_\_\_\_\_ **Plan:** \_\_\_\_\_ **Subdivision or Hamlet:** \_\_\_\_\_  
**Legal Subdivision:** Part of: \_\_\_\_\_ ¼ Sect: \_\_\_\_\_ Twp: \_\_\_\_\_ Rge: \_\_\_\_\_ W of: \_\_\_\_\_ Tax Roll #: \_\_\_\_\_  
**Directions:** \_\_\_\_\_

**System Design Criteria** (complete all applicable items):  **Soil Log Report from two (2) test pits with Soil Analysis Report** (attach copy)  
**Expected Volume of Effluent:** \_\_\_\_\_  cubic meters per day  gallons per day  liters per day **Number of bedrooms** \_\_\_\_\_  
**Project Type:**  Commercial (Conventional)  Industrial (Conventional)  Residential (Conventional) **Depth to Water Table** \_\_\_\_\_  
 Commercial (Advanced)  Industrial (Advanced)  Residential (Advanced)  **Work Camp # of Men** \_\_\_\_\_

**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 CURRENT PRIVATE SEWAGE STANDARD OF PRACTICE)**.

**Project Information:**  New Installation  Alteration **Description of Work:** \_\_\_\_\_  
**Components Used:**  Septic Tank; Working Capacity Size \_\_\_\_\_  Lagoon  Packaged Sewage Treatment Plant  
 Holding Tank; Size \_\_\_\_\_  Open (surface) discharge  At Grade  
 Disposal Field; Size \_\_\_\_\_  Treatment Mound; Size \_\_\_\_\_  Sand Filter

**Permit Applicant Declaration:** The permit applicant certifies that this installation will be completed in accordance with the Alberta Safety Codes Act and Regulations. The personal information provided as part of this application is collected under the Safety Codes Act and the Municipal Government Act and in accordance with the Freedom of Information and Protection of Privacy Act. The information is required and will be used for issuing permits, safety codes compliance verification and monitoring and property assessment purposes. The name of the permit holder and the nature of the permit is available to the public upon request. If you have any questions about the collection or use of the personal information provided, please contact the municipality.

Installer's Name (please print) \_\_\_\_\_ Installer's Signature \_\_\_\_\_ Homeowner's Signature (Homeowner permits only) \_\_\_\_\_  
Private Sewage Installer's Certification 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:** \$ \_\_\_\_\_  
\*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 **Authorization / Cheque Number** \_\_\_\_\_  
**Credit Card #:** \_\_\_\_\_ **CVV#** \_\_\_\_\_ **Expiry Date:** \_\_\_\_\_ **Date of Authorization:** \_\_\_\_\_  
**Name of Cardholder:** \_\_\_\_\_ **Signature of Cardholder:** \_\_\_\_\_

**Permit Validation Section to be completed by the Plumbing Safety Codes Officer:** **Inspecting SCO:** \_\_\_\_\_  
**Permit Conditions:** \_\_\_\_\_  
SCO's Name (print or type) \_\_\_\_\_ SCO's Signature \_\_\_\_\_  
SCO's Designation Number: \_\_\_\_\_ Date of Issue (M/D/Y): \_\_\_\_\_

# PRIVATE SEWAGE DISPOSAL SYSTEM

## PERMIT APPLICATION DOCUMENT CHECKLIST

**A COMPLETE SITE EVALUATION REPORT, AS PER THE ALBERTA PRIVATE SEWAGE SYSTEMS STANDARD OF PRACTICE (SOP) PART 7 SITE EVALUATION, IS REQUIRED WITH THE PERMIT APPLICATION. THE FOLLOWING DOCUMENTS ARE TO BE INCLUDED WITH YOUR COMPLETE SITE EVALUATION REPORT.**

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### TREATMENT FIELD, MOUND, OR LFH AT-GRADE SYSTEMS

- Wastewater strength projected for the development.
- Peak flow volume calculations for the development including confirmation plumbing fixture unit total is not exceeded.
- Site plan – as per current SOP Section 7.1 Site Characteristics and Evaluation Procedures including placement of system with setbacks noted for property lines, buildings, water sources/courses, description of surface features including slope and landscape, location of at least two (2) soil profile investigation locations in the area of the soil-based treatment system, etc.
- The characteristics of each soil profile investigated shall be described using Canadian System of Soil Classification nomenclature and includes complete site specific soil profile logs for at least two (2) locations, soil sample results of the most limiting condition, GPS coordinates of each soil profile with permanent benchmark, depth of each horizon identified, soil colour, soil texture, structure and grade, depth to most limiting condition, restrictive layer (if applicable), etc.
- Description of treatment system including a system diagram, piping to tank details, initial treatment (septic tank/ treatment plant), piping to and throughout final soil treatment component.
- Soil based treatment system design calculations, including pressure distribution system – if applicable.
- Tank certification information – CAN/CSA-B66 certificate (confirmed by or on final inspection).
- Package sewage treatment plant – treatment capacity, equipment structural requirements and certification (if applicable).
- Pump, if required by design. Manufacturer and pump curve to ensure flow capacity (confirmed by or on final inspection)
- High level alarm (reference made in design and confirmed by or on final inspection).
- Filter (reference made in design and confirmed by or on final inspection).

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### HOLDING TANK

- Expected wastewater volume/day including tank storage capacity, bedroom count – current and proposed.
- Site plan showing placement of system with setbacks noted for property, buildings and water source.
- Tank certification information – CAN/CSA-B66 certificate (confirmed by or on final inspection).
- High level alarm (reference made in design and confirmed by or on final inspection).

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### OPEN DISCHARGE SYSTEM

- Peak flow volume calculations for the development including confirmation plumbing fixture unit total is not exceeded.
- Site plan – as per current SOP Section 7.1 Site Characteristics and Evaluation Procedures including placement of system with setbacks noted for property lines, buildings, water sources/courses, description of surface features including slope and landscape, location of at least one (1) soil profile investigation location in the area of the soil-based treatment system, etc.
- The characteristics of each soil profile investigated shall be described using Canadian System of Soil Classification nomenclature and includes complete site specific soil profile logs for at least one (1) location, soil sample results of the most limiting condition, GPS coordinates of each soil profile with permanent benchmark, depth of each horizon identified, soil colour, soil texture, structure and grade, depth to most limiting condition, restrictive layer (if applicable), etc.
- Description of treatment system including a system diagram, piping to tank details, initial treatment (septic tank/treatment plant), piping to and throughout final soil treatment component.
- Tank certification information – CAN/CSA CSA-B66 certificate (confirmed by or on final inspection).
- Pump, if required by design. Manufacturer and pump curve to ensure flow capacity (confirmed by or on final inspection).
- High level alarm (reference made in design and confirmed by or on final inspection).
- Filter (reference made in design and confirmed by or on final inspection).

Permit Number: \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### Private Sewage System Site Evaluation Diagram

Legal Description: \_\_\_\_\_

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

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

<b>Calgary</b>	25, 2015 – 32 Avenue NE	T2E 6Z3	Ph: 403.717.2344	Toll Free Ph: 1.888.717.2344	Fax: 403.717.2340	Toll Free Fax: 1.888.717.2340
<b>Edmonton</b>	100, 14535 – 118 Avenue	T5L 2M7	Ph: 780.489.4777	Toll Free Ph: 1.866.999.4777	Fax: 780.489.4711	Toll Free Fax: 1.866.900.4711
<b>Red Deer</b>	3, 6264 – 67A Street	T4P 3E8	Ph: 403.358.5545	Toll Free Ph: 1.888.358.5545	Fax: 403.358.5085	Toll Free Fax: 1.866.358.5085
<b>Lethbridge</b>	422 North Mayor Magrath Drive	T1H 6H7	Ph: 403.320.0734	Toll Free Ph: 1.877.320.0734	Fax: 403.320.9969	
<b>Lloydminster</b>	Unit 2, 1724 – 50 Avenue	T9V 0Y1	Ph: 780.870.9020		Fax: 780.870.9036	

Permit Number: \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**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 & Number	Gleying	Mottling	Structure	Grade	Consistence	Moisture	%Coarse Fragment

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):

Permit Number: \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**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 & Number	Gleying	Mottling	Structure	Grade	Consistence	Moisture	%Coarse Fragment

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):