



Mountain View
C O U N T Y

**PRIVATE SEWAGE DISPOSAL PERMIT
APPLICATION**

PRPS2012_____

1408 Twp. Rd. 320 / Postal Bag 100, Didsbury, AB Canada TOM OWO
T 403.335.3311 F 403.335.9207 Toll Free 1.877.264.9754
www.mountainviewcounty.com

Other Permits: Building Electrical Gas Plumbing

Permit Type: Owner Contractor

Application Date (M/D/Y): _____

DP #: _____ BP #: _____

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

Landowner: _____ Phone: _____ Fax: _____
Mailing Address: _____ City: _____ Prov: _____ Postal Code: _____
Alt Phone: _____ Email Address: _____

Applicant: _____ Phone: _____ Fax: _____
Mailing Address: _____ City: _____ Prov: _____ Postal Code: _____
Alt Phone: _____ Email Address: _____

Contractor: _____ Phone: _____ Fax: _____
Mailing Address: _____ City: _____ Prov: _____ Postal Code: _____
Alt Phone: _____ Email Address: _____

Legal: Part of: _____ **¼ Sect:** _____ **Twp:** _____ **Rg:** _____ **W of:** _____ **Roll Number (Office Use):** _____
Plan: _____ **Block:** _____ **Lot:** _____ **Rural Address:** _____
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
Project Type: Commercial (Conventional) Industrial (Conventional) Residential (Conventional) **Number of bedrooms** _____
 Commercial (Advanced) Industrial (Advanced) Residential (Advanced) **Depth to Water Table** _____
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 2009)**.

Project Information: New Installation Alteration **Value of Work:** _____
Components Used: Septic Tank; Size _____ Packaged Sewage Treatment Plant Sand Filter Other Initial Treatment
 Holding Tank; Size _____ Open (surface) discharge Disposal Field; Size _____ Treatment Mound; Size: _____
 Sewage Lagoon Other Final Disposal Method _____ At Grade (variance required)
Description of Work: _____

INSPECTION REQUESTS please contact Superior Safety Codes at:
Phone 403-717-2344 or 1-888-717-2344 Fax 403-717-2340 or 1-888-717-2340
Allow 48 hours notice for inspection



Permit Number: PRPS2012_____

Name: _____

Date: _____

Private Sewage System Site Evaluation Diagram

Legal Description: _____

<p>↑N</p>												<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 type="checkbox"/>			Test Pit 2 <input type="checkbox"/>		
																								

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

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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 2009.

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.

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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.
- 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.

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soil profile report con't.

- 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.

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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
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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