Parkland County 53109A Hwy 779 Parkland County, AB T7Z 1R1



Phone: 780-968-8443 Fax: 780-968-3225 Toll Free: 1-888-880-0858

# **Private Sewage Disposal Permit Application**

Email: preceptionist@parklandcounty.com

Application Date (M/D	D/Y):	Building Permit Number:
Mailing Address Owner Name:		Address:
Phone:	City:	Prov:Postal Code:
Alt Phone:	Fax:	Email Address:
Mailing Address Contractor Name:		Address:
Phone:	City:	Prov: Postal Code:
Alt Phone:	Fax:	Email Address:
Project Location:	PARKLAND COUNTY	Municipal Address:
Plan:	Block: Lot	t: Subdivision:
Legal Subdivision: W of	:M Rg: Twp:	¼ Sect: Part of: Tax Roll #:
Directions:		
water bodies, and other pe		ncluding the system location in relation to buildings, distance to water supply and/or surface  OF THE PRIVATE SEWAGE STANDARD OF PRACTICE 2009).  Description of Work:
Components Used:	Septic Tank; Size Holding Tank; Size Disposal Field; Size	Lagoon Packaged Sewage Treatment Plant Sand Filter  Open (surface) discharge At Grade (variance required)  Treatment Mound; Size
information that you provide r	nay be made public, subject to the provisio	nent will be used for the purposes allowed under the authority of the <i>Municipal Government Act</i> . The personal ons of the <i>Freedom of Information and Protection of Privacy Act</i> . Questions regarding the collection and use of ection of Privacy Coordinator for Parkland County, 53109A HWY 779, Parkland County, Alberta T7Z 1R1 (780-
Installer's Name (please print)	Installer's	Signature Homeowner's Signature (Homeowner permits only)
Private Sewage Installer's C	Certification Number: PS	
Permit Fee: \$	*SCC Levy: \$	(*4% of permit fee with a minimum of \$4.50) <b>TOTAL FEE: \$</b>
Payment Method: U	isa □M/C □Debit □Chequ	ie Cash Receipt No
Permit Validation Section	n to be completed by the Level 2 Plum	nbing Safety Codes Officer:
Special Conditions:		
SCO's Name (print or type)		SCO's Signature
	r	Date of Issue (M/D/Y):

### For Office Use Only – Credit Card Authorization

PAYMENT AMOUNT:		
Card Holder:		
Card No:		
Expiry Date:		
Signature <sup>.</sup>		

Please note that if you are remitting a payment with a credit card number, the application cannot be submitted by email to ensure security of your credit card information. Alternatively, you could remit by email WITHOUT the credit card information and include contact information for payment, but be aware that permits will not be processed until payment is received.

The application can be dropped off at our office, mail/couriered or remitted via fax at 780-968-3225.



## **Private Sewage System Site Evaluation Diagram**

_	Legai	Desci	ription	·							 
↑N											
											Show the proposed location of the
											onsite sewage system and
											indicate the distances from the following:
											<ul><li>trees</li><li>floodplains</li></ul>
											<ul><li>wells</li><li>waste sources</li><li>bedrock</li></ul>
											<ul><li>outcrops</li><li>buildings</li></ul>
											<ul><li>property lines</li><li>easement lines</li></ul>
											<ul><li> ditches or interceptors</li><li> banks or</li></ul>
											<ul><li>steep slopes</li><li>fills</li><li>driveways</li></ul>
											<ul><li>existing sewage</li></ul>
											<ul><li>systems</li><li>underground utilities</li></ul>
											• soil test pits
drai	nage c	ourse		slop	e direc	ction	Test Pi	t 1 🗖	Test	Pit 2	

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



#### 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.** 

ermit Number (to be assigned by the Permit Issuer):
Owner's Name:
nstaller's Name:
egal 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. \*\*

<sup>\*\*</sup> 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 <u>SAND</u> 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 influent 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.
- 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.



Owner Nar	ne or Job ID												
			Legal La	nd Locatio	n							Test Pit	
LS - 1/4	Section	Township	Range	Meridia	Meridian Lot Block Plan						Easting	Northing	
<b>Vegetation</b>	n Notes:								Overa	II Site Slope	e %		
									Slope	position of	test pit		
Test Hole	No.	Soil Subgro	up	Parent	Materi	al	Drain	age		_	n of Lab ple #1)	Depth (samp	
Horizon	Depth (cm) (in)	Texture	Lab or HT	Color	Gley	ring Mo	ottling	Stru	cture	Grade	Consistence	Moisture	% Coarse Fragment
Depth to Gro	oundwater:				Limit	ting Soil Laye	er Characte	eristic,	describe	:			
Depth to Seasonal Saturated Soil:  Depth to Limiting Soil Layer:													
Limiting Topography: Depth to Highly Permeable Layer:													
Key Limiting	Features on Sy	ystem Design:			•								
Weather Cor	ndition Notes:												

Name:



Alberta P	rivate Sew	vage Treatmei	nt System :	Soil Profi	le Log Fo	m				Date:			
Owner Nam	ne or Job ID												
Legal Land Location										Test Pit			
LSD- ¼	Section	Township	Range	Meridia	n Lot	! !	Block		Pla	n	Easting	No	rthing
Vegetation Notes: Overall Site Slope %													
									Slope	position o	f test pit		
Test Hole	No.	Soil Subgrou	ıb dı	Parent M	<b>Naterial</b>		Drain	age			h of Lab ple #1)	Depth of Lab (sample #2)	
Horizon	Depth (cm) (in)	Texture	Lab or HT	Color	Gleying	Мо	ottling	Stru	cture	Grade Consistence		Moisture	% Coarse Fragment
Depth to Gro	l undwater:				Limiting Sc	il Laye	r Characte	ristic,	describe:	<u> </u> :			
Depth to Seasonal Saturated Soil:  Depth to Limiting Soil Layer:													
Limiting Topography:  Depth to Highly Permeable Layer:													
Key Limiting	Features on S	ystem Design:			I								
Weather Con	dition Notes:												
Comments (s	uch as root de	epth & abundance	or other pertin	ent observat	tions):								

Name: