



Private Sewage Disposal Permit

IJD Inspections Ltd.

#E4, 5560-45 Street, Red Deer, Alberta T4N 1L1
Toll Free 1-877-617-8776 / Fax 1-866-801-7639

Permit # _____

Owners Name: _____ Address: _____
 City: _____ Prov: _____ P.C.: _____
 X _____ Phone: (____) _____ Fax: (____) _____
Owners signature/declaration (homeowner permits only) "I hereby declare I am the owner of the premises in which the work will be conducted and reside therein. I assume responsibility for compliance with the applicable Act and Regulations".

Contractor: _____ Email: _____
 PSDS ID#: _____ Address: _____
 City: _____ Prov: _____ P.C.: _____
 X _____ Phone: (____) _____ Fax: (____) _____
Contractor's Signature

Municipality: _____ Street Address: _____
 Lot _____ Block _____ Plan _____ Subdivision Name: _____
 Legal Subdivision: Part of: _____ Sec: _____ Twp: _____ Rge: _____ W.of: _____

System Design Criteria: (Complete all applicable items): Residence Other
 Expected daily volume of Effluent (gal) _____ # of bedrooms _____

First Private Sewage System Component: (check applicable component and complete all applicable items)
 Sewage Holding Tank Septic tank: Working Capacity (gal) _____
 Packaged Sewage Treatment Plant Capacity (gal.) _____ Sewage Lagoon Storage Surface Areas _____ ft²
 Sand Filter Type: Coarse Medium Area _____ ft²

Effluent Treatment Components (check applicable component and complete all applicable items)
 Sizing Method Soil Classification _____ Conducted by: _____
 Other (specify) _____
 Depth of water table is less than 7 ft From ground surface (ft). _____
 Open Discharge
 Disposal Field - Disposal Field Area: _____ ft²
 Treatment Mound: Sandbed Area: _____ ft² Base Infiltrative Area _____ ft²
 Other (specify) _____

Attach a basic system sketch including: location in relation to buildings, distance to water supply and/or surface water bodies and other pertinent information

Permit Validation Section:

Issuing SCO's Name _____ Issuing SCO's Signature _____

Issuing SCO's Designation # _____ Date of Issue _____

Permit Fee \$ _____ Method: Visa M/C Cash Cheque Debit Card Other
 *SCC Levy \$ _____ Purchase Order #: _____
 Total Fee \$ _____ Cardholders Signature _____ Expir. Date _____ / _____
 Credit Card #: _____

*The personal information on this form is protected by the Freedom of Information and Protection of Privacy Act
 Safety Codes Council Levy is \$4.50 or 4% of the permit fee, whichever is greater. Permits are GST exempt

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.

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

- 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.

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.

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:



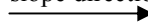


- 4 feet for Treatment Mounds.
- 9 feet for Treatment Fields receiving primary treated effluent (septic tank effluent).
- 6.5 feet for Treatment Fields receiving secondary treated effluent (treatment plant, sand filter effluent)
- 6 feet for Open Discharge systems.

Onsite Sewage System Site Evaluation Lot Diagram Field Sketch and Notes

Project Name:

Lot or Legal Description:

Date:

												<p>Show the proposed location of the onsite sewage system and the following items indicating their distances from the proposed system:</p> <p>trees floodplains wells water sources surface water bedrock outcrops buildings property lines easement lines ditches or interceptors banks or steep slopes fills driveways existing sewage systems underground utilities soil test pit and borehole locations</p>		
drainage course 					slope direction 			borehole BH 1 				Test Pit P1 		

Comments:

Property line GPS coordinates:
 GPS coordinates of well:
 GPS coordinate of tank:
 GPS coordinates of soil treatment component corners:

Additional information is required separately for the system design detail.

Alberta Private Sewage Treatment System Soil Profile Log Form

Owner Name or Job ID.										
Legal Land Location							Test Pit GPS Coordinates			
LSD-1/4	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

Hori- zon	Depth (cm) (in)	Texture	Lab or HT	Colour	Gleying	Mottling	Structure	Grade	Consistence	Moisture	% Coarse Fragments

Depth to Groundwater		Restricting Soil Layer Characteristic	
Depth to Seasonally Saturated Soil		Depth to restrictive Soil Layer	
Site Topography		Depth to Highly Permeable Layer Limiting Design	

Key Soil Characteristics applied to system design effluent loading	
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Weather Condition notes:
Comments: such as root depth and abundance or other pertinent observations: