

Attention: Home Owners/Private Sewage Works Contractors/Installers

Requirements to Obtain Health Approval for Private Sewage Works

The Saskatchewan Plumbing and Drainage Regulations requires that no plumbing system or private sewage works is to be installed, except under authority of a permit. In addition no sewage or sewage effluent is to be discharged, except with the written approval of the local authority (health).

Section 20 of *The Saskatchewan Plumbing and Drainage Regulations* reads:

- 20(1) No sewage or sewage effluent is to be discharged:
- (a) into surface water, except with the written approval of the local authority;
 - (b) into the subsoil within 10 metres of any dwelling;
 - (c) onto the ground surface within 30 metres of any residence;
 - (d) onto the ground surface or into the subsoil;
 - (i) within the limits of any city, town, village, organized hamlet, or approved subdivision containing at least two parcels, or within one kilometre of its boundary, except with the written approval of the local authority or the minister; or
 - (ii) within 15 metres of a drilled well properly constructed, or within 30 metres of any other well or water supply used for domestic purposes; or
 - (e) into a storm sewer.
- 20(2) Except where approved pursuant to *The Environmental Management and Protection Act*, sewage in a shoreland development area must be disposed of in accordance with *The Shoreland Pollution Control Regulations, 1976*, being Saskatchewan Regulations 54/76.
- 20(3) Sewage from every building not connected to a communal sewage works must drain into a private sewage works.

The following are specific sections from *The Saskatchewan Plumbing & Drainage Regulations* with respect to permits, approvals and inspections:

Section 5 requires all private sewage works to be installed under authority of a permit. This includes any extension, renovation or alteration of a private sewage works.

Section 8 specifies who can apply and obtain a permit to install a private sewage works. Permits can be issued to bona fide sewage installers who are found to be qualified and/or the property owner.

Section 10 requires that all private sewage works may be inspected and it shall not be covered over and/or put into use with out permission by the local health authority.

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Section 25 requires that approval be obtained prior to installation for any private sewage works that include lagoons, absorption fields, above ground filters, jets, sewage holding tanks or any other works deemed a private sewage works.

To apply and obtain prior approval for a proposed private sewage works the following information must be provided to Prairie North Health Region so that the design of the system can be assessed to determine if it is designed according to requirements in *The Saskatchewan Onsite Wastewater Disposal Guide*.

- Plot plan showing location of house on property in relation to septic tank, disposal field, well and all property lines.
- Soil sample test results from an approved testing soils laboratory of soil from the area the private sewage works is to be installed.
- Type of private sewage works being proposed (pressure chambers, absorption field, type II mound and etc).
- Onsite information on ground water depth (If a well is already drilled the well driller's log would suffice or Saskatchewan Watershed can provide information on wells in the near vicinity).
- Amount of effluent that would be generated from the premise based on number of bedrooms.
- Design criteria to substantiate the size of the private sewage works. Please include the worksheet appendices for the type of private sewage works being proposed.
- Size of parcel of land private sewage works is being proposed on.
- Information to indicate how many other parcels of land are developed or proposed for development within a one mile radius.
- A completed Private Sewage Works Permit Application Form and Permit Fee.

The Saskatchewan Onsite Wastewater Disposal Guide which provides all the information needed to design a private sewage works, so that it meets health requirements can be accessed directly off of the Ministry of Health website at:

<http://www.health.gov.sk.ca/wastewater-disposal-guide>

Note: Construction of a private sewage works is not to commence until such time as the design of the system has been reviewed and formally approved by a Public Health Officer employed with Prairie North Health Region.

It will take approximately one week to review and to make a decision on the design of the private sewage system provided all the above information has been submitted.

If you have any questions contact Prairie North Health Region at (306) 446-6400 in North Battleford or (306) 820-6120 in Lloydminster and ask for a public health inspector.



101- 4910 – 50th Street
 Lloydminster, SK S9V 0Y5
 Phone (306) 820-6120
 Fax (306) 820-6115

PRIVATE SEWAGE WORKS PERMIT APPLICATION FORM

Location of Installation City, Town or Village		Street	
Lot		Block	Plan
R.M. #	Section	Township	Range West of Meridian
Sewage Works Installer		Address	Phone # Certificate of Status #
Permit Applicant		Address Phone #	Signature
Property Owner		Mailing Address:	

PRIVATE SEWAGE WORKS

A. Expected Daily Sewage Volume (Litres) _____ # of Bedrooms _____

B. Soil Classification: Sand Loam Silt Clay Sandy/Loam Other _____

C. Percolation Test: _____ minutes per 25 mm (1 inch)

D. Depth to Water Table if less than 3 m from ground surface _____ m

E. Septic Tank Holding Tank Size _____ gal/litres. Concrete Fiberglass Plastic

F. Disposal Systems: Jet Type Disposal Absorption Field (size) _____ m² Other _____ m²
 Gravity Flow Chamber System Pressure Chamber System Chamber System (size) _____ m²
 # of Chamber Units _____ Size of each Chamber _____ m²
 Sewage Mound Type I (size) _____ m³ of clean graded stone. Sewage Mound Type II (size) _____ m².
 Lagoon (Storage capacity) _____ m³

G. Detailed Site Plan to be provided on reverse side of public health officer copy

Distance To Property Lines _____ Distance To Residence _____ Parcel Size _____
 Meters To Water Table _____

PERMIT FEES

Private Sewage Works _____ Permit Fee \$ _____

Connection to Communal Water or Sewage Works _____ Permit Fee \$ _____

Please Make Your Cheque Payable To: Prairie North Regional Health Authority TOTAL FEE \$ _____

No portion of the Plumbing and/or Private Sewage Works is to be covered over without an Inspection.
To Arrange For Inspections Please Call:
 North Battleford (306) 446-6400 Meadow Lake (306) 236-1570 Lloydminster (306) 820-6120

PERMIT FEES (GST is included in the fees indicated below)

Private Sewage Works

- Permit Fee is \$30.00 for installation of a private sewage works
- NOTE:** A separate permit must be obtained to cover the plumbing. The total permit fee would include fees calculated for the plumbing system based on # of fixtures plus the \$30.00 for the private sewage works.

OFFICIAL USE ONLY

SDS _____ Comments: _____

Plumbing Fees _____ (if applicable) Permit # issued: _____

Sewage Fees _____

Total Fees Received _____ Cash Cheque # _____ Send Invoice



RURAL PLUMBING PERMIT APPLICATION FORM

101- 4910 – 50th Street
 Lloydminster, SK S9V 0Y5
 Phone (306) 820-6120
 Fax (306) 820-6115

Location of Installation City, Town or Village		Street		
Lot		Block		Plan
R.M. #	Section	Township	Range	West of Meridian
Plumber		Address		Certificate of Status # _____
		Phone #	<input type="checkbox"/> Journeyman <input type="checkbox"/> Other _____	
Permit Applicant		Address		Signature
		Phone #		
Property Owner			Mailing Address:	
PLUMBING SYSTEM – Number of fixtures (this is to include all roughed in fixtures, even if fixtures not set)				
Kitchen Sinks _____	Shower Stalls _____	Laundry Tubs _____		
Sinks _____	Bath Tubs _____	Clothes Washer _____		
Toilets _____	Floor Drain n/c _____	Other Fixtures _____		

PERMIT FEES
 Plumbing System indicating Total # of Fixtures _____ Permit Fee \$ _____
Please Make Your Cheque Payable To: Prairie North Regional Health Authority TOTAL FEE \$ _____

**No portion of the Plumbing and/or Private Sewage Works is to be covered over without an Inspection.
 To Arrange For Inspections Please Call:**

North Battleford (306) 446-6400 Meadow Lake (306) 236-1576 Lloydminster (306) 820-6120

PERMIT FEES (GST is included in the fees indicated below)
Plumbing System

- Permit Fee is \$40.00, plus \$5.00 for each additional fixture over 10; For 2 or less fixtures permit fee is \$20.00
- NOTE:** A separate permit must be obtained to cover the private sewage works where the works will serve a single building. The total permit fee would include fees calculated for the plumbing system based on # of fixtures plus the \$30.00 for the private sewage works (separate permit).

OFFICIAL USE ONLY

Ground Work _____ Drainage _____ Venting _____

Comments: _____

Plumbing Fees _____
 Sewage Fees _____ (if applicable) Permit # Issued: _____
 Total Fees Received _____ Cash Cheque # _____ Send Invoice

Apr 2007