

Question: What are the clearance requirements for disposal fields, treatment mounds, open discharge systems, lagoons, septic tanks, holding tanks and privies for private sewage disposal?

Answer: The minimum clearance requirements are as follows: (from current 2009 Standard of Practice (SOP))

Distance From/To	Property Line	Water Source	Water Course * Article 2.1.2.4	Building with Basement, Cellar or Crawl Space	Building without Basement, Cellar or Crawl Space	Building with permanent foundation without basement, cellar or crawl space	Building without permanent foundation	** Building	Septic Tanks
Holding Tanks	1 m (3.25 ft)	10 m (33 ft)	10 m (33 ft)	-	-	-	-	1 m (3.25 ft)	-
Septic Tanks	1 m (3.25 ft)	10 m (33 ft)	10 m (33 ft)	-	-	-	-	1 m (3.25 ft)	-
Effluent Tanks	1 m (3.25 ft)	10 m (33 ft)	10 m (33 ft)	-	-	-	-	1 m (3.25 ft)	-
Settling Tanks	Refer to 2009 SOP 6.2.2	-	-	-	-	-	-	-	-
Disposal Fields	1.5 m (5 ft)	15 m (50 ft)	* 15 m (50 ft)	10 m (33 ft)	-	5 m (17 ft)	1 m (3.25 ft)	-	5 m (17 ft)
Treatment Mounds	3 m (10 ft)	15 m (50 ft)	* 15 m (50 ft)	10 m (33 ft)	10 m (33 ft)	-	-	-	3 m (10 ft)
Drip Dispersal and Irrigation	Refer to 2009 SOP 8.5.2	-	-	-	-	-	-	-	-
Open Discharge Systems	90 m (300 ft)	50 m (165 ft)	* 45 m (150 ft)	-	-	-	-	45 m (150 ft)	-
Lagoon serving a single family dwelling or duplex	30 m (100 ft)	100 m (330 ft)	90 m (300 ft)	-	-	-	-	45 m (150 ft)	-
Lagoon serving other than a single family dwelling or duplex	30 m (100 ft) 90 m (300 ft) from a numbered primary or secondary road	100 m (330 ft)	90 m (300 ft)	-	-	-	-	90 m (300 ft)	-
Privies-Earthen	5 m (17 ft)	15 m (50 ft)	15 m (50 ft)	-	-	-	-	6 m (20 ft) (food prep)	-
Privies-Tank	5 m (17 ft)	10 m (33 ft)	10 m (33 ft)	-	-	-	-	6 m (20 ft) (food prep)	-

<i>Distance From/To</i>	<i>Property Line</i>	<i>Water Source</i>	<i>Water Course * Article 2.1.2.4</i>	<i>Building with Basement, Cellar or Crawl Space</i>	<i>Building without Basement, Cellar or Crawl Space</i>	<i>Building with permanent foundation without basement, cellar or crawl space</i>	<i>Building without permanent foundation</i>	<i>** Building</i>	<i>Septic Tanks</i>
Packaged Sewage Treatment Plants	Refer to 2009 SOP 5.2.2	-	-	-	-	-	-	-	-
Sand Filters	1 m (3.25 ft)	10 m (33 ft)	10 m (33 ft)	-	-	-	-	1 m (3.25 ft)	-
Gravel Filters	Refer to 2009 SOP 5.4.2	-	-	-	-	-	-	-	-

Please reference the Alberta Private Sewage Systems Standard of Practice 2009 for complete design, installation, and material requirements.

*** Article 2.1.2.4 Separation from Specific Surface Waters**

1) The soil-based treatment component of an on-site wastewater treatment system shall be located not less than 90 m (300 ft.) from the shore of a lake, river, stream, or creek.

2) Notwithstanding the requirements of Sentence (1), where a principal building or other development feature is situated between the soil-based treatment component and a lake, river, stream, or creek, such that a failure of the system causing effluent on the ground surface will be obvious and create an undesirable impact own the owner, the distance may be reduced to the minimum distance requirements set out in this Standard for the particular type of treatment system being used.

** **Building** means any structure used or intended for supporting or sheltering any use or occupancy.

References:

- Private Sewage Disposal Systems Regulation AR 229/97 Consolidated up to 264/2009
- Alberta Private Sewage Systems Standard of Practice 2009

PRIVATE SEPTIC ASSESSEMENT FORM

General Information

Date: _____

Owner: _____

Installer: _____

Location: _____

Type of Land: _____

Level Choice:

CHECK ONE

Parcel with existing system

Description: _____

One Parcel

Additional Parcel Created

Two to Six parcels

Multi-Lot Subdivision

Proposed Parcel size: _____

Information required for report

Drawing/Sketch

Notes: _____

(does it include: existing systems, test pit/bore hole location, utilities, buildings.....)

Suitability and General Operation (based on Visual Inspection)

Limitations for Property (limitations for proposed system, reserve system area (if any))

Required attachments:

Soils Analysis and Lot Elevation Diagram

INSTALLER SIGNATURE/TICKET No. _____

List of Installers

Company	Location	Phone Number	Certified	Contact Name	Address
Pebbles Trucking	Blackfoot, AB	780-875-8460	yes	Jordan Jones	Box 271, Blackfoot, AB T0B 0L0
Eagle Hill Excavating Ltd.	Dewberry, AB	780-205-6804	yes	James Murray	Box 166, Dewberry, AB T0B 1G0
640 Earthworks	Elk Point, AB	780-210-0145	yes	Bryan Vanwyck	Box 1267, Elk Point, AB T0A 1A0
PKP Mechanical	Heinsburg, AB	780-943-3346	yes	Clarence Faithful	Box 2, Heinsburg, AB T0A 1X0
Davis Ground Works	Islay, AB	780-872-8996	yes	Dave Davis	Box 41, 4916 - 50 Street Islay, AB T0B 2J0
Bobs Backhoe Service	Lloydminster, SK	306-825-2596	yes	Robert Altman	Box 1916, Lloydminster, SK S9V 1N4
Dave's Backhoe Service	Lloydminster, SK	306-825-2527	yes	David Kitteringham	Box 1171 Stn Main, Lloydminster, SK S9V 1G1
Battle River Ranch	Lloydminster, AB	306-826-7734	yes	Harold Stephan	Box 11403, Lloydminster, AB T9V 3B7
TLC Landscaping	Lloydminster, AB	306-825-4233	yes	Jason Bugiera	Box 11160, Lloydminster, AB T9V 3B5
Blindside Contracting Inc.	Lloydminster, AB	780-806-9495	yes	Cass Poole	Box 21084, Lloydminster, AB T9V 2S1
Eye Spy Oilfield Inspection Services Inc.	Lloydminster, AB	780-871-4271	yes	David Skoretz	Box 11562, Lloydminster, AB T9V 3B8
Aultman Construction Ltd.	Lloydminster, SK	780-205-0175	yes	Jody Aultman	Box 548, Lloydminster, AB S9V 0Y6
4-K Construction Ltd.	Lloydminster, SK	306-825-3101	yes	Jerome Kump	2607 - 48 Avenue, Lloydminster, SK S9V 1J7
4-K Construction Ltd.	Lloydminster, SK	306-872-1107	yes	Kyle Kump	2606 - 48 Avenue, Lloydminster, SK S9V 1J7
Border Home Inspections	Lloydminster, SK	780-872-1268	yes	Aulden Reid	Box 942, Lloydminster, SK S9V 1C4
Doug's Bobcat & Backhoe	Mannville, AB	780-787-7500	yes	Douglas Gausvik	Box 166, Mannville, AB T0B 2W0
H.H.D. Ltd.	Marwayne, AB	780-847-2102	yes	Sandra Kneen	Box 630, Marwayne, AB T0B 2X0
R. Snelgrove & Sons Ltd.	Vermilion, AB	780-853-4040	yes	Harold Snelgrove	4605-47 Street, Vermilion, AB T9X 1L6
Bardoel Backhoe Service	Vermilion, AB	780-853-2818	yes	Pat Bardoel	Box 3535, Vermilion, AB T9X 2B5
Greg Young Trenching	Vermilion, AB	780-853-4700	yes	Greg Young	Box 3292, Vermilion, AB T9X 2B2
Brady Backhoe Service	Vermilion, AB	780-853-7816	yes	Scott Brady	Box 3347, Vermilion, AB T9X 1V4
JKD Excavating Ltd.	Vermilion, AB	780-853-2762	yes	James Davies	5210 - 57 Street, Vermilion, AB T9X 1V4
G & J Bishop Heating & Cooling	Wainwright, AB	780-845-9966	yes	Jason Bishop	Bay #2, 1206 - 14th Street, Wainwright, AB T9W 1E8
Sharp Underground Inc.	Wainwright, AB	780-842-3336	yes	Trevor Cook	2101 - 17th Avenue, Wainwright, AB T9W 1L2
Stafford Plumbing & Heating	Wainwright, AB	780-842-5791	yes	Clifford Dand	1910 - 17th Avenue, Wainwright, AB T9W 1L2
Chelan Homes	Wainwright, AB	780-209-2525	yes	Chelan Hermanson	Box 2973, Wainwright, AB T9W 1S8
Ford Plumbing & Heating	Wainwright, AB	780-888-7406	yes	Shawn Leskow	Box 3137, Wainwright, AB T9W 1T1
Stafford Plumbing & Heating	Wainwright, AB	780-842-5791	yes	Mike Stafford	1910 - 17th Avenue, Wainwright, AB T9W 1L2
Phoenix Gas Coop	Wainwright, AB	780-806-1775	yes	Quinn Warawa	807 - 2nd Avenue, Wainwright, AB T9W 1C4
Warawa Heating & Plumbing (2011) Ltd.	Wainwright, AB	780-842-9114	yes	Tyler Warawa	1137 - 1st Avenue, Wainwright, AB T9W 1G9

For a full list of Private Sewage Certified Contractors please visit http://www.municipalaffairs.alberta.ca/CP_PrivateSewageContractorList.cfm