

Private Sewage Disposal System Permit Documentation Requirements

The following tables summarize the documents required when submitting a permit application for a Private Sewage Disposal System within the Alberta Safety Codes Authority jurisdiction.

Information submitted must be site specific. Private sewage system undertakings shall not start prior to the permit being issued.

Treatment Field, Mound, or LFH At-Grade Systems

Documents	Plans Review	By or on Final Inspection
1. Peak flow volume calculation for the development including any additional flow fixtures.	√	
2. Site plan – as per current SOP Section 7.1 Such as showing placement of system with setbacks noted for property, description of surface features including slope of land, buildings, water source and two (2) soil profile locations.	√	
3. Soil profiles and lab analysis – required to be completed for at least two (2) locations – <u>site specific</u> (including GPS coordinates, depth to limiting and restrictive layers, soil structure and grade)	√	
4. Description of treatment system – Including a system diagram - piping to tank details, initial treatment (septic tank/ treatment plant), piping to and throughout final soil treatment component.	√	
5. Treatment system design calculations	√	√
6. Tank certification information– CSA certificate	√	Confirmed (if possible)
7. Pump, if required by design. (manufacturer and pump curve to ensure flow capacity)	√	Confirmed
8. High level alarm	Reference made in design	Confirmed
9. Filter	Reference made in design	Confirmed

Private Sewage Disposal System Permit Documentation Requirements

Holding Tank

Documents	Plans Review	By or on Final Inspection
1. Expected wastewater volume/day including tank working capacity, bedroom count – current and proposed	√	
2. Site plan – showing placement of system with setbacks noted for property, buildings and water source	√	
3. Tank certification information – CSA/B66 certificate	√	Confirmed (if possible)
4. High level alarm	Reference made in design	Confirmed

Open Discharge System

Documents	Plans Review	By or on Final Inspection
1. Peak flow volume calculation for the development including any additional flow fixtures	√	
2. Site plan – as per current Standard of Practice, Section 7.1. Showing placement of system with setbacks noted for property, description of surface features including slope of land, buildings, water sources and at least one (1) test pit location.	√	
3. Soil profile and lab analysis – required to be completed for at least one (1) test pit location – <u>site specific</u> (including GPS coordinates, depth to limiting and restrictive layers, soil structure and grade)	√	
4. Description of Treatment System – from piping to tank details, septic tank/filter, piping to and throughout final soil treatment component	√	
5. Tank certification information - CSA/B66 certificate	√	Confirmed (if possible)
6. Pump, if required by design. (manufacturer and pump curve to ensure flow capacity)	√	Confirmed (if possible)
7. High level alarm (manufacturer & model)	Reference made in design	Confirmed
8. Filter	Reference made in design	Confirmed

Note: It is the applicant's responsibility to ensure inspections are completed prior to covering the system.