

2. What can you do?

For producers that are looking for options for their existing on-farm fuel storage, there are basically two alternatives: replacement or improvement.

There are many options and variations in the design of a petroleum storage site.

Figure 2 illustrates one example of a well-planned site, using single walled tanks with a secondary containment built into the foundation. Alternatively, you could use double walled tanks, avoiding the need for the additional containment in the foundation.

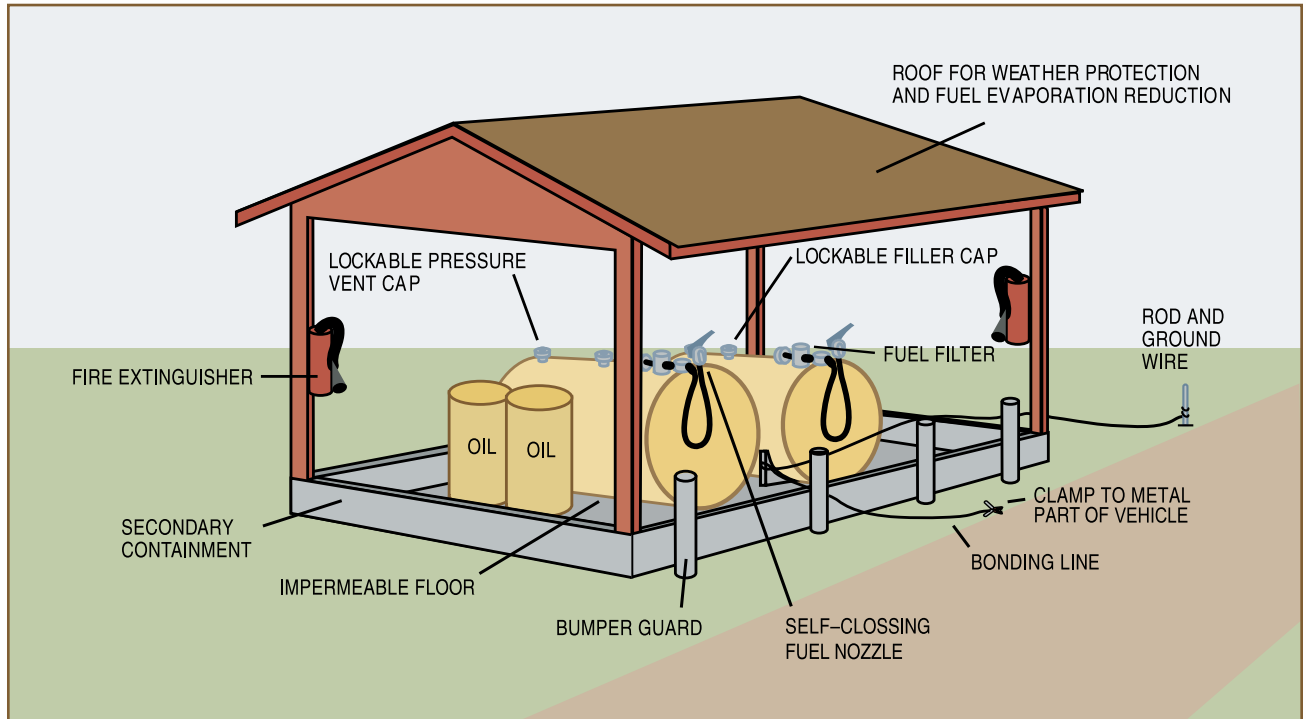


Figure 2: Well-planned petroleum storage site

Adapted from Resource Management Branch, BC Ministry of Agriculture and Lands

Characteristics of this well-designed system include:

- Proper foundation (impermeable floor)
- Secondary containment
- Proper venting (pressure vent cap separate from fill opening)
- Emergency plan and equipment (fire extinguishers)
- Collision protection (bumper guards)
- Theft / vandalism protection (lockable caps)
- Prevention of evaporative losses (shade)
- Grounding for prevention of static electricity (bonding line and ground wire)
- Monitoring for losses due to theft or evaporation (fuel meter)

This publication illustrates in greater detail the characteristics described above.

See section 7, *Planning a Fuel Storage Site* for more information.