

SEWAGE (SEPTIC) SAFETY DESIGNER

Best Practices & Safety Checklist



1. Design Considerations

- ☐ Site evaluation completed, including assessment of use, soil, groundwater, bedrock, and safety risks.
- ☐ Tank location minimizes the risk of unauthorized access, particularly by children.
- ☐ Protective measures are specified where access risks exist.
- ☐ All permit requirements are identified and incorporated.
- ☐ Tank meets current Canadian Standards Association (CSA) B66 requirements.
- ☐ Effluent filter is compliant with Ontario Building Code (OBC) requirements and daily flow rating.
- ☐ Access openings are designed for safe, at-grade maintenance.
- ☐ Clearance distances meet or exceed OBC requirements.

2. Site Selection and Tank Placement

- ☐ Groundwater and flood risks are assessed.
- ☐ Buoyancy calculations are completed, and anchoring is specified where required.
- ☐ Access openings are secure and safe for maintenance.
- ☐ Depth of cover is within manufacturer limits for both tanks and risers.
- ☐ Vehicle loading conditions are addressed through protection or engineered design where needed.

