Treating greywater separately from blackwater is an option facing designers of on-site systems. If a separate treatment for greywater is chosen, providing a means of diverting greywater to the blackwater treatment is recommended.

Greywater from:
- shower
- bath
- wash basin
- laundry

Blackwater from toilets and kitchen to land application.

Optional diversion to treatment unit:
- only unless diversion is connected to greywater.