Non-Controlled Liquid (Z140)

Non-Controlled Liquid Z140 will be stored in AC2-L2 tank. Typically, Z140 will be treated by the dewatering screw system to remove total suspended solids prior to the SBR (Sequencing Batch Reactor) for BOD (Biochemical Oxygen Demand) and ammonia removal. After both treatments have been completed, the treated leachate is ready for disposal to sewer.

Sludge produced from the dewatering system will be sent to Landfill for disposal.

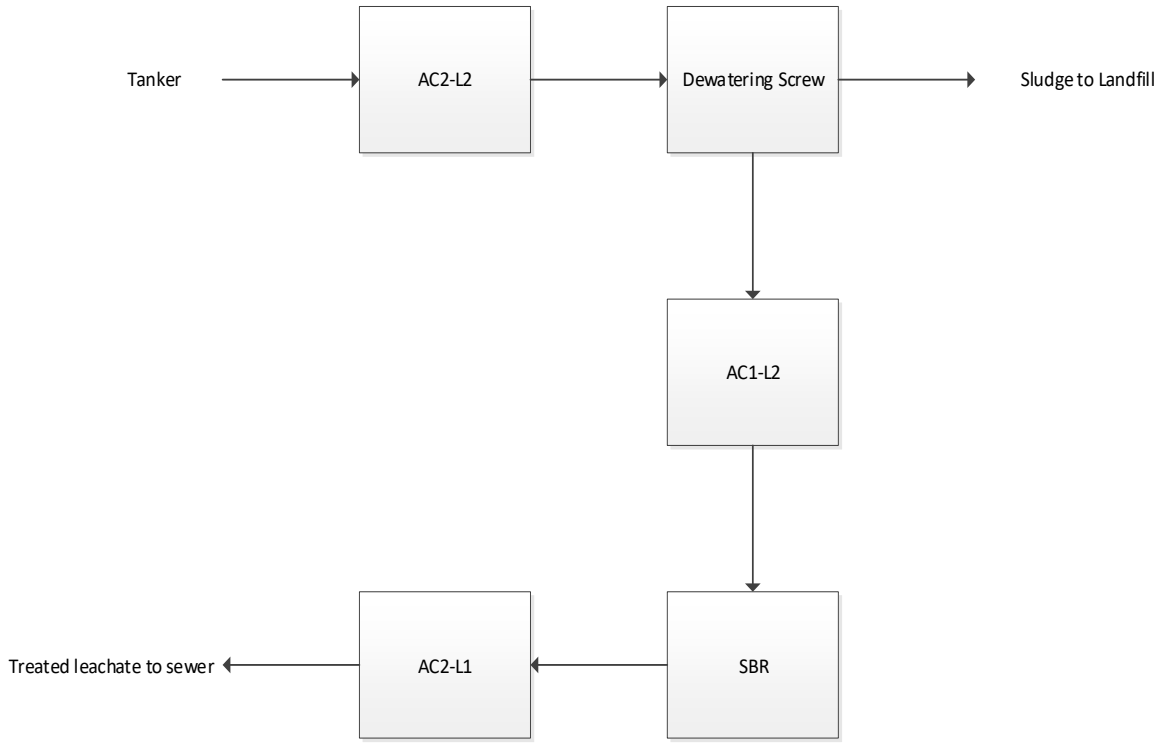

Figure 1: Process flow diagram for Non-Controlled Liquid

Industrial Liquid Wastes (F100, F110, J100, J120, M250, N140, N205, and T120)

Industrial Liquid Wastes will be stored in the AC1-L1 tank. Usually, no BOD removal is required for these types of liquid wastes. However, these liquid wastes will be treated by dewatering screw and/or Dissolved Air Flotation (DAF) systems to remove solids to meet the Sydney Water discharge quality standard before it is ready for disposal to sewer.

Sludge produced from the dewatering system and/or DAF will be sent to landfill for disposal.

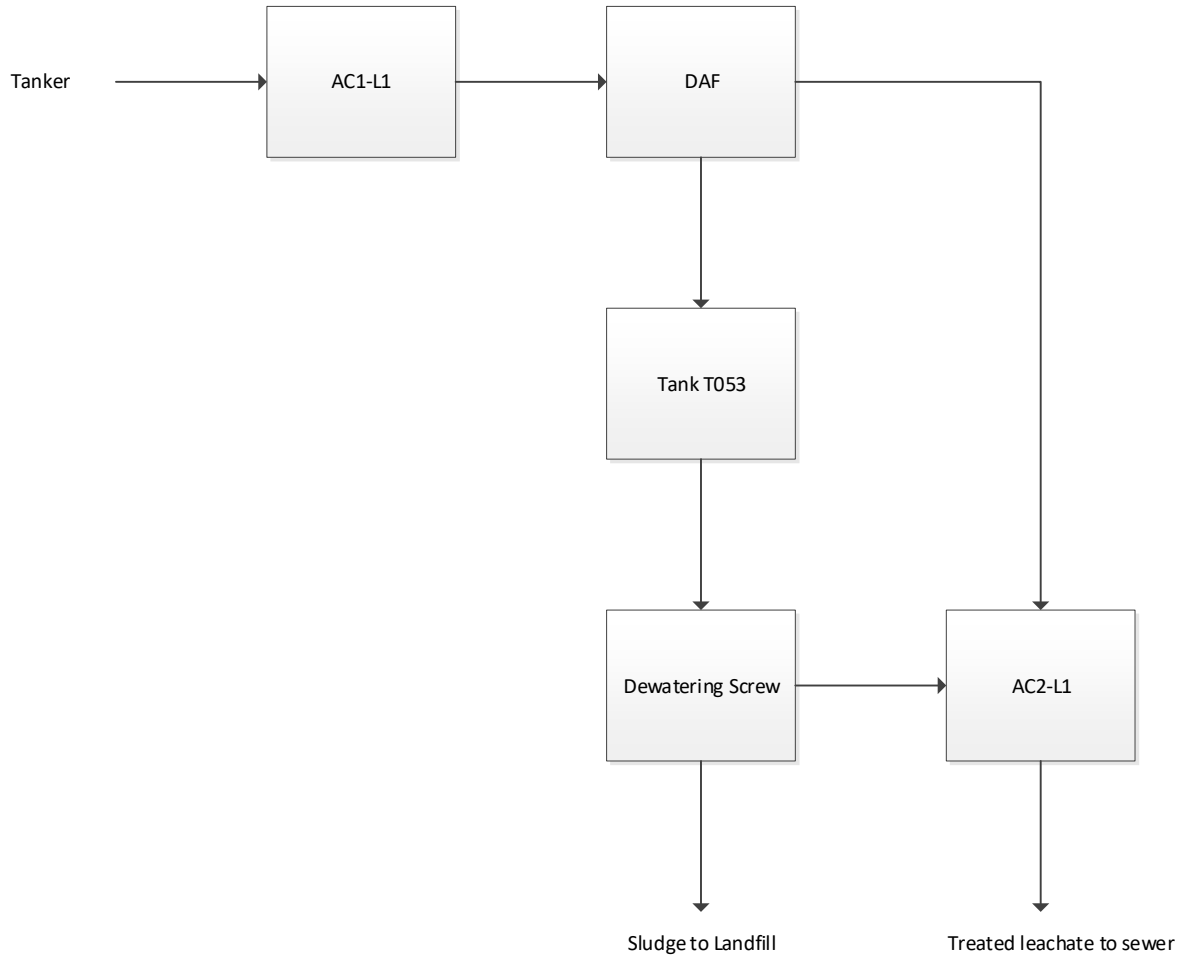

Figure 2: Process flow diagram for Industrial Liquid Wastes

Grease Trap Waste (K110)

Grease Trap Waste K110 will be stored in BA Tank when it arrives on site. K110 will be treated by a clarifier, DAF and SBR process prior to disposal to sewer.

Sludge generated from the clarifier and/or DAF will be sent to landfill for disposal.

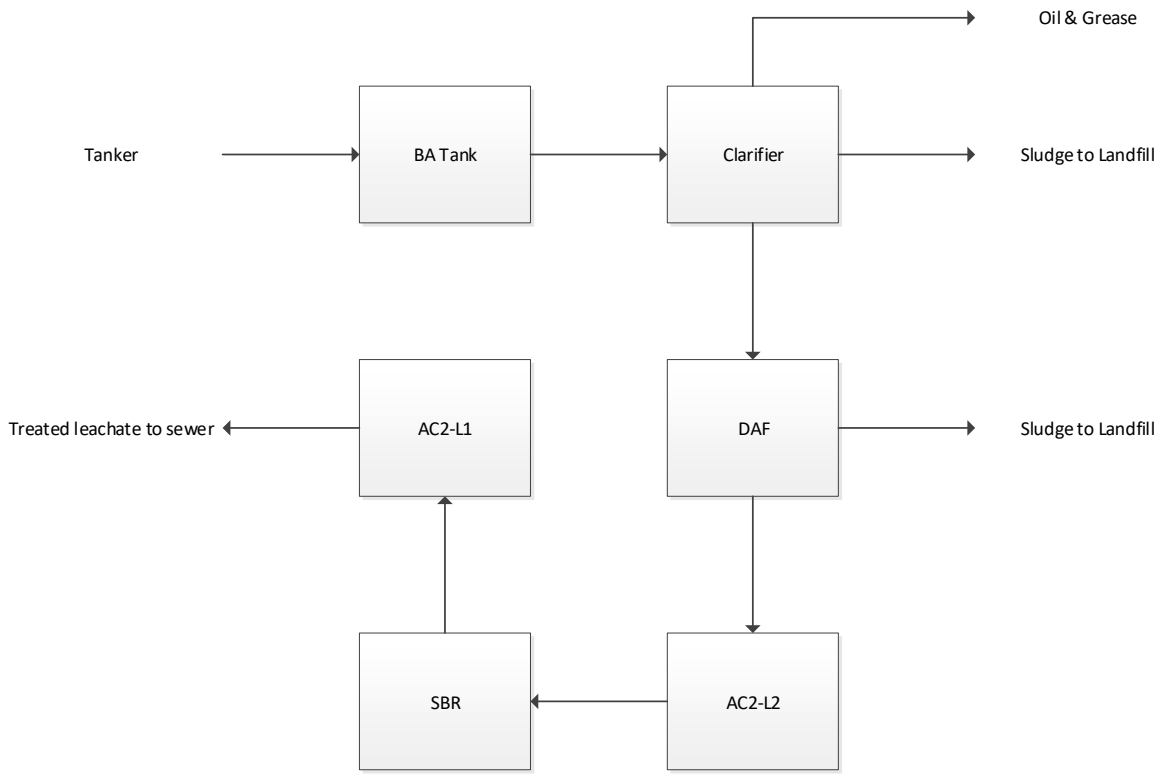

Figure 3: Process flow diagram for Grease Trap Waste

Liquid Food Waste (K120)

Liquid Food Waste K120 will not be treated at Tank Farm according to the current situation. Packet liquid food waste will be processed by a screening and filtering system and extracted liquid food waste will be stored inside the tank, located at the ARRT building, before they are sent to licensed facilities for applied to land as a soil amendment in accordance with the EPA's resource recovery order & exemption.

Sludge produced from the filter system will be sent to Landfill for disposal.

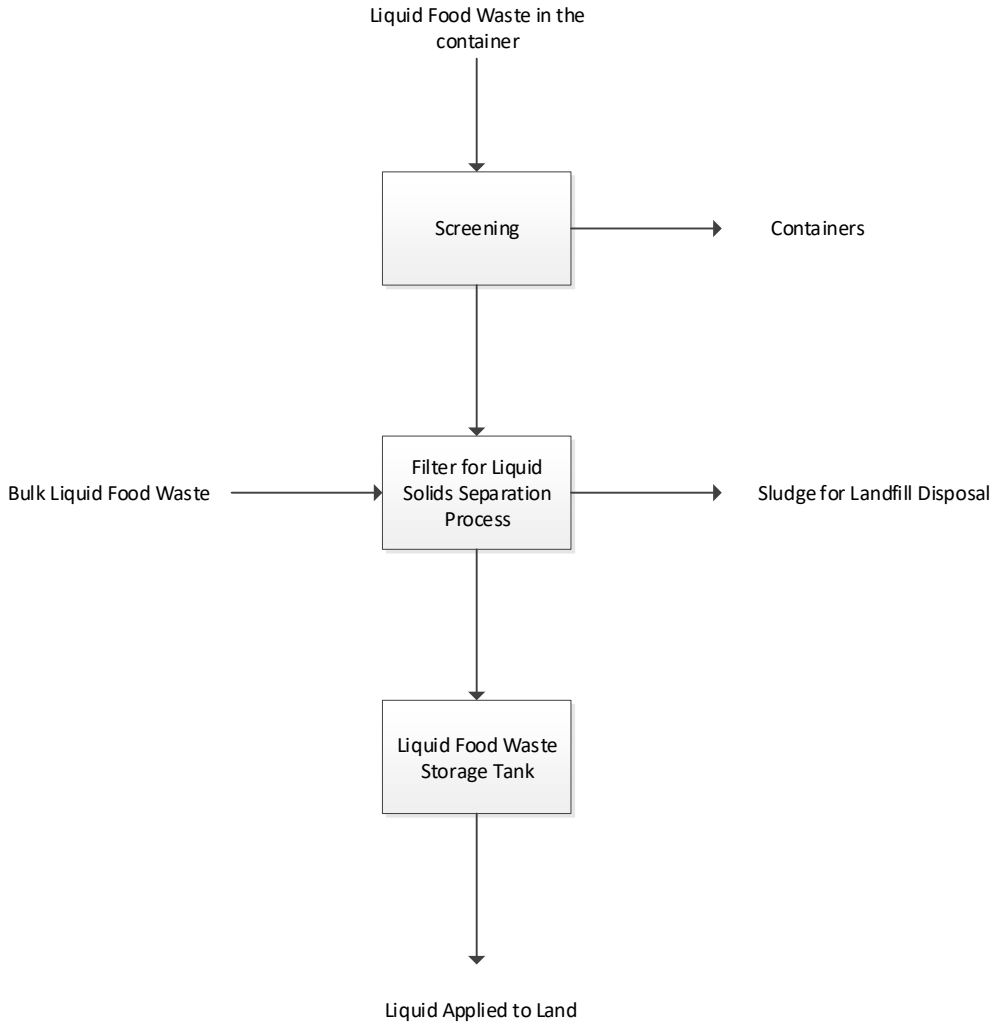

Figure 4: Process flow diagram for Liquid Food Waste