**Secondary & Tertiary Containment**

Below is the information regarding secondary/tertiary containment at the biological ETP.

The main objective of the biological ETP facility is processing and improving the quality of the lyocell effluent that Lenzing currently discharges directly to the Humber River - to the environment. Over and above the effluent we have systems that have been installed to aid with COD reduction.

**Chemicals Storage**

The storage of all chemicals is in double skinned tanks and bunds that cover 110% capacity of the chemical being used when full. This covers a failure of the primary vessel as to not allow escape into the drainage systems and back into the dyke. The bunds are level alarmed.

All pipework systems linked to these are dual contained hose that feed back to the dosing cabinet which have level alarms for leak detection.

The delivery area has an interceptor tank in the event of chemical spill at delivery so we can stop the discharge, though this area goes back to process drainage system and not surface water.

The only chemical that is self-bunded is the polyelectrolyte on IBC’s. The storage and mixing systems prior to application are contained within bunds at 110% (This is more H&S regards slips trips and falls on slippery fluid), as it’s an inert chemical.

**Transformer**

This is MIDAL filled, not mineral oil and is also within a self-bunded area of about 110% to contain any spill.

**Non-Chemical Tanks**

The overflows on all external tanks are linked back to the process drainage system, which is fed back into the process plant at the front end for reprocessing.

The drains are capped, local to the overflow locations and it would be expected that any drainage would be via hose to process drain or tanker removal.