

### Lehating Process Water Balance

The diagram illustrates the water reticulation system for a process plant. A central blue box labeled "Process Water Tank" is the hub for water distribution. It receives inputs from a "Raw Water Source" (top right), "Dirty water (Ground water and Storm)" (middle right), "Raw water" (bottom right), "Slimes return" (top left), and "Thickener overflow" (top left). The tank distributes water to "Dilution water" (middle left), "Road dust control" (bottom left), "Washing" (bottom), "Flushing" (bottom), and "Spraywater" (bottom). A vertical line from the "Raw Water Source" also branches out to supply "Mining Services", "Potable water", "Gland service", "Flocculant make-up", and "Dust suppression".

```
graph TD; RWS[Raw Water Source] --> PWT[Process Water Tank]; DWS[Dirty water (Ground water and Storm)] --> PWT; RW[Raw water] --> PWT; SR[Slimes return] --> PWT; TO[Thickener overflow] --> PWT; PWT --> DW[Dilution water]; PWT --> RDC[Road dust control]; PWT --> W[Washing]; PWT --> F[Flushing]; PWT --> SW[Spraywater]; RWS --> MS[Mining Services]; RWS --> PW[Potable water]; RWS --> GS[Gland service]; RWS --> FM[Flocculant make-up]; RWS --> DS[Dust suppression];
```

**Process plant water reticulation**