

Parameters necessary for RO unit calculation

Parameter	Unit	Leachate specifications
Temperature	°C	Air °C / Leachate °C
Conductivity	µS/cm	
pH	-	
TSS	mg/l	
COD	mgO ₂ /l	
BOD	mgO ₂ /l	
Ammonia	mgNH ₄ ⁺ /l	
N Total	mg/l	
Na	mg/l	
K	mg/l	
Cl	mg/l	
B	mg/l	
Sulphate	mgSO ₄ ²⁻ /l	
Ca	mg/l	
Mg	mg/l	
Bicarbonate	mgCaCO ₃ /l	
Oil and Grease	mg/l	
Ba	mg/l	
Mn	mg/l	
Phosphate	mgPO ₄ ²⁻ /l	
Fe	mg/l	
Silica	mg/l	
Sr	mg/l	
Al	mg/l	
F	mg/l	
ORP	mv	

The amounts of the following compounds present in the leachate must be reduced to the following limits:

Aluminium	max. 0.1 mg/litre
Barium	max. 0.2 mg/litre
Iron	max. 10 mg/litre
Silica (SiO₂)	max. 25 mg/litre
Strontium	max. 0.5 mg/litre