



Owner: Ragn-Sells, waste facility in Norrköping

Country: Sweden

Type of solution: Flotation plant including coagulation and flocculation of leachate

Description:

Wastewater containing too much heavy metals did not comply with discharge limits and could therefore not be discharged into receiving waters.

As a total solution, Aquarden installed a container-based system, including a flotation plant with pretreatment steps of coagulation and flocculation of the leachate. Optimal dosage of chemicals was identified for coagulation and flocculation. Aquarden's system is customized specifically to the facility's requirements through a series of lab and on-site tests carried out by Aquarden. After the right purification level is obtained, the water is lead through a flotation plant where sludge is separated. The treated water now complies with discharge limits and can be discharged into receiving waters.

Aquarden commissioned the system, providing technical support and online surveillance, while daily operation is supervised by Ragn-Sells.

Technical details:

- The flotation plant is supplied with a flow up till 6 m³/h.
- Finetuning of optimal chemicals and dosage until required discharge limit is reached.
- Online remote surveillance.

We are experts in problematic wastewater