

Customer Characteristics

The following characteristics make a customer ideal for the implementation of EPSE Technology	Check
Industrial operator generating wastewater containing soluble metals	<input type="checkbox"/>
Is required to treat wastewater and have to comply with regulations regarding the quality of such treated water	<input type="checkbox"/>
Has a “pro-environment” attitude	<input type="checkbox"/>
Has clear objectives for the quality of treated water*	<input type="checkbox"/>

* These objectives are written and ideally known by EPSE.

Water Characteristics

The following characteristics make the wastewater ideal for the implementation of EPSE Technology	Check
The higher the volume, the better, e.g., 100-3000 m ³ /h	<input type="checkbox"/>
Contains soluble heavy metals and/or soluble metal complexes	<input type="checkbox"/>
Contains particularly problematic metals, e.g., As, U, Cr+6, Se	<input type="checkbox"/>
Contains many metals, including but not limited to Cu, Ni, Zn, Pb, Fe	<input type="checkbox"/>
The concentration of dissolved metals may be high, e.g. > 100 000 mg/l	<input type="checkbox"/>
Ideal pH is < 3, normal EPSE range for pH from -1 up to 5	<input type="checkbox"/>
The EPSE™ Method has the potential to generate direct and indirect cost savings in the overall process**	<input type="checkbox"/>

** Examples of the direct & indirect cost savings are:

- The use of the EPSE™ Method directly reduces chemical costs
- The (high) pH of the treated water results in savings in the use of chemicals used to raise the pH, e.g. gold refining processes
- Reuse of treated water in the process reduces the use of virgin water.