



Buisier Engineering provides a comprehensive solutions in separating & disposing Produced Water.

Produced Water Management in Oil & Gas Fields

Produced water found in oil fields represents a hurdle to the production process as well as a contamination risk to the environment. The separation and disposal system used in any oil field should be efficient in separating and disposing produced water. Buisier Engineering offers a comprehensive design in its separation and disposal system.

Produced Water Separation and disposal plan work flow consists of the following.

- Audit of the composition of the produced water through chemical analysis, examining physical properties and evaluation of produced quantities.
- Appraisal of the existing produced water system and identification of the short comings of its functions from the separation process to the capacity of the disposal wells.
- Review and choice of the adequate separation technology to reach separation objectives, i.e. API Gravity Separators, Induced Gas Floatation, Hydroclones, Mesh Coalescers, Centrifuge and Filters.
- Creation of the separation and disposal conceptual model and examination of the model against future field production needs.
- Preparation of the detailed engineering of the system including mechanical, civil, and electrical and control aspects. P&IDs, tank designs, Pumps specifications, and disposal wells design are included.