



Veolia MPPE Technology

NAM K15A Offshore - NL

Offshore Gas Produced Water treatment-

Operational since 2002

- Robust against salt, surfactants, Corrosion inhibitors
- Fulfilling NAM's environmental goal beyond present legal requirements



Challenge

- Remote control
- Practically no space on existing platform
- Dissolved/dispersed toxic content removal for Zero Harmful Discharge



Performance

MPPE removes:

- Dispersed oil (aliphatics) <30 ppm
- Dissolved and dispersed aromatics (BTEX) >90%
- Poly Aromatics (PAHs) >99%

MPPE Unit capacity 4.2 m³/h

- Built in container
- Placed on Top deck
- Including steam boiler
- No waste stream

MPP & TiPSS Technologies

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The MPPE process

MPPE stands for Macro Porous Polymer Extraction. Polymer beads contain a specific immobilized extraction liquid. Hydrocarbon contaminated water is passed through a column packed with MPPE particles. The hydrocarbons are extracted from the water at any designed efficiency up to 99.999%. The MPPE particles can simply be regenerated by heating with steam. The removed hydrocarbons are recovered as an almost 100% pure product. No other waste stream is created. No chemicals requires, no off gasses produced.