

Prozesstechnologie zur Abwasserbehandlung, Schlammbehandlung und Gasverwertung



OSWALD SCHULZE
Umwelttechnik GmbH

At La Crau in southern France, a new and modern waste water treatment plant was built for the municipalities of the **Vallée du Gapeau** (80.000 p.e, 20.000 m³/d). With the erection of an anaerobic sludge digestion plant a high degree of disposal reliability together with a minimization of produced sewage sludge could be realized. Together with the French company Ternois S.A., **OSWALD SCHULZE** could offer the best treatment concept for this new plant.

OSWALD SCHULZE Umwelttechnik GmbH as general contractor carried out the complete process engineering, design, erection/installation and commissioning of all mechanical works for the following treatment units:



- **Sludge Digester (1.850 m³) as steel tank**
- **Digester Mixing with vertical mixer**
- **Digester operation system with heating sludge recirculation system and heat exchanger**
- **Double-membrane Gas Holder (200 m³)**
- **Gas system with gas filter, gas compressor station and gas flare**
- **Heating plant with boiler (250 KW), dual fuel burner and heating distribution system**
- **Sludge and gas piping system**

La Vallée du Gapeau, France
Sludge Digestion

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Beratung, Projektierung, Lieferung, Montage und Inbetriebnahme von verfahrenstechnischen Anlagen zur Abwasser- und Schlammbehandlung und Gasverwertung

Project Consulting, Design, Engineering, Erection and Commissioning of Wastewater, Sludge Treatment and Gas Utilization Plants

- Schlammbehandlung anaerob und aerob
- Schlammdesintegration
- Schlammentwässerung
- BHKW-Anlagen
- Gasspeicherung
- Mechanische Abwasserreinigung
- Biologische Abwasserreinigung
- Membrananlagen
- Anaerobe Industrieabwasserbehandlung
- Bioabfallvergärung
- Pilotanlagen
- Ersatzteillieferung
- Aerobic and Anaerobic Sludge Treatment
- Sludge Digestion / Destruction
- Sludge Dewatering
- Biogas Cogeneration Plants
- Gas Storage
- Mechanical Wastewater Treatment
- Biological Wastewater Treatment
- Membrane Technology
- Anaerobic Industrial Wastewater Treatment
- Biosolids Digestion
- Pilot Plants
- Spare Parts

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