Mobile Units

Wastewater Treatement







Brazil – 2017
Petrochemical plant
Rental of a temporary system
Wastewater treatment – Bioxidation
Industrial and sanitary effluent
Flow 50 m3/h

BRAZIL – RIO DE JANEIRO 2017 – April to July

CLIENT: PETROCHEMICAL PLANT

BRAZIL – RIO DE JANEIRO

CTP ENVIRONNEMENT France, Coflan/Jonage

ZAC des Gaulnes - 2076 avenue Henri Schneider

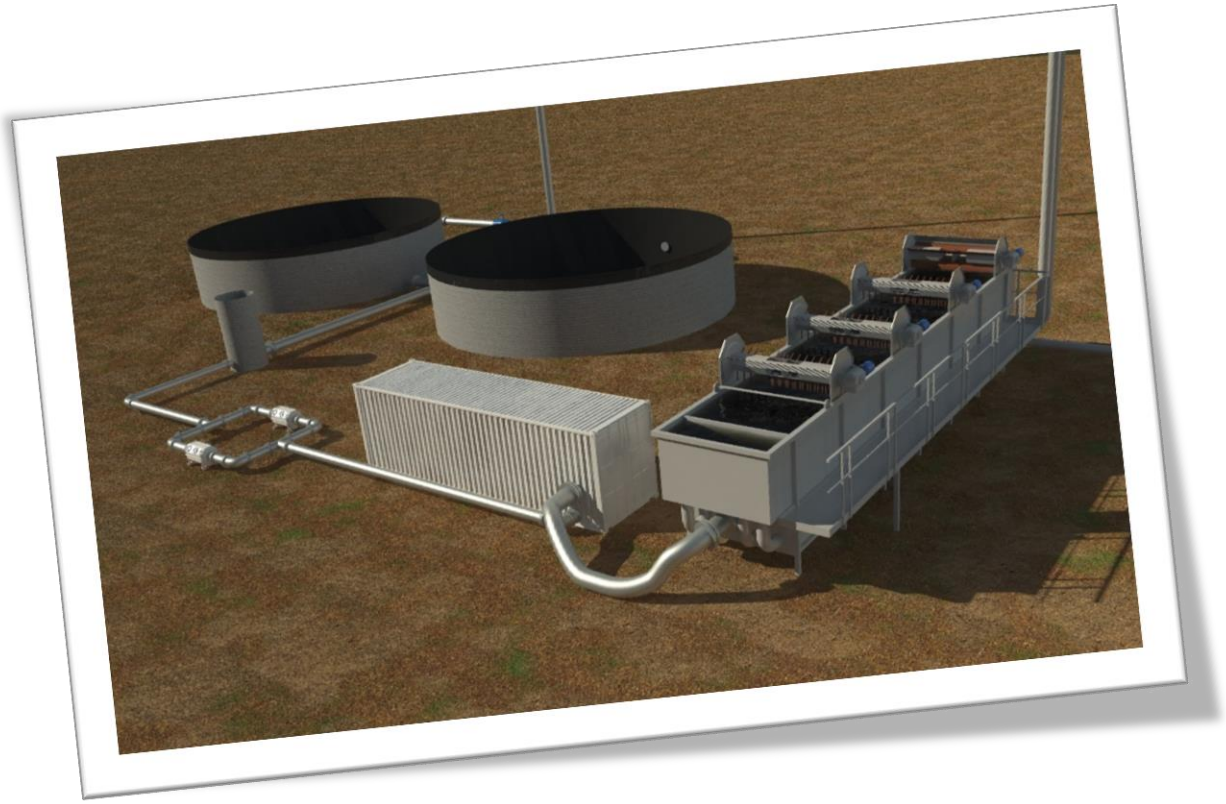
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The project



The project has two mobile tanks that are aerated biological reactors, each tank has 708 m^3 of useful volume. Following the effluent is transferred by gravity to a liftstation, which goes to the Aeromobil utilities container, where the effluent receives a dosage of polymer. After this dosing, the effluent follows to an Aeromobil float (DAF) where the treated effluent is separeted from the sludge. The treated effluent follows for disposal in the river and the sludge returns to the aeration tanks or is directed to a centrifuge.

The assembly

This phase consists of the assembly of two movable tanks in sheet steel. Each tank has 16.6m of diameter and 4.6m of total height, being the overflow to 3.28m. The tanks receive protective layers and an impermeable geomembrane for petrochemical effluents.

The litle tanks are positioned according to design, their submersible pumps are installed and adjusted and the hoses are connected.

The utility container is positioned between the tanks and the Aeromobil float and has its hoses connected. Just like the Aeromobil float.

All hoses, valves, flow meters, pressure and others are connected and positioned on the floor.

Finally, the connection is made to the rigid pipes of the customer and the system goes into commissioning.



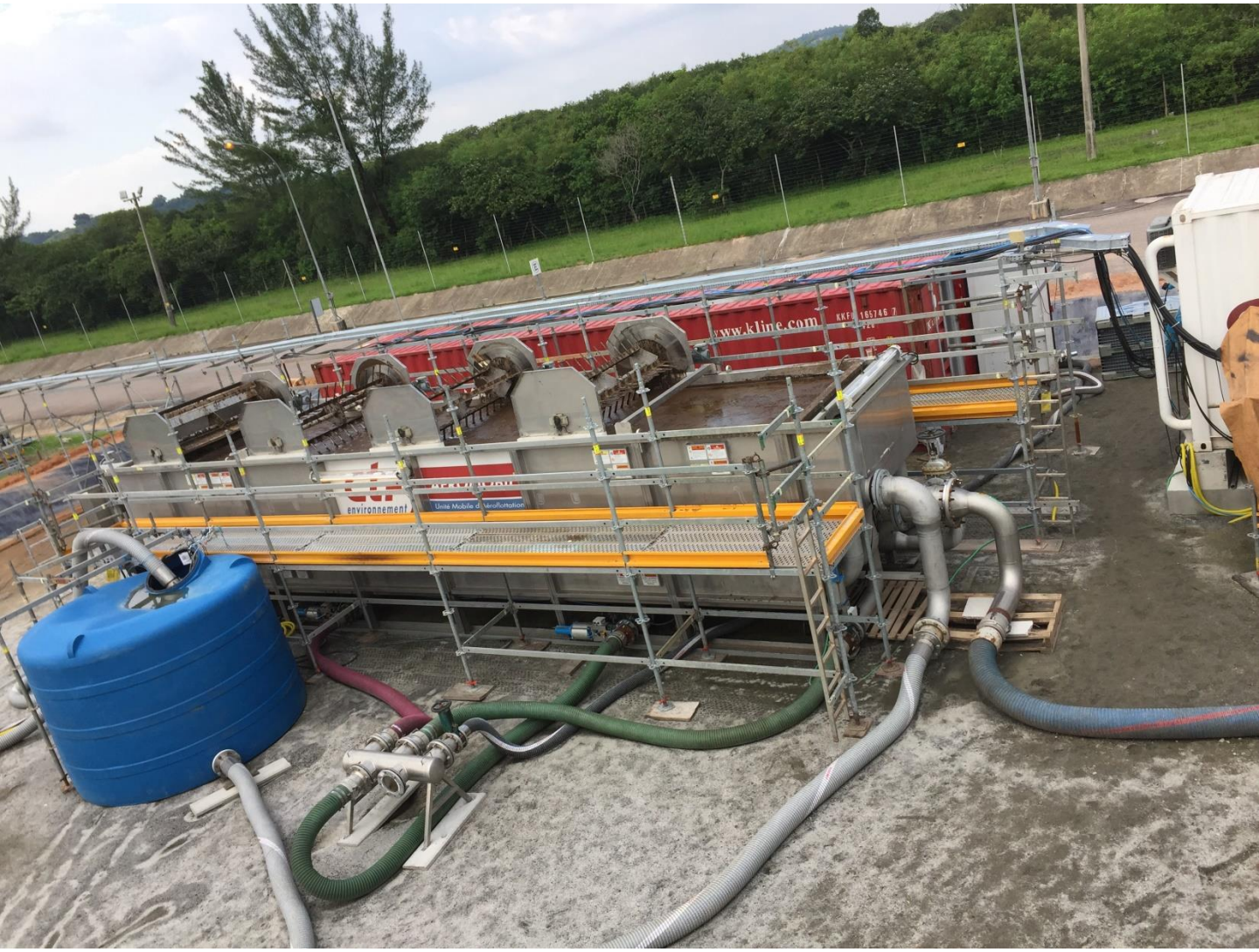

25 03 2017


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ARCADIA
Jusqu'à la fin de l'Arcadie


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25 03 2017

The commissioning

The commissioning took place very well and very fast. The effluent inlet in the flotator, the Poseipump add whitewater and the separation running well in the first day.



The operation



The operation is running very well. The aeration system could be seen in this picture.

The sludge and the treated effluent could be seen below



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Biological and fisical/chemical mobile system

Contact us
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