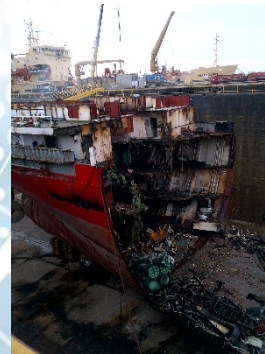


Mobile treatment of dismantling water

AFM Recyclage dry dock – BORDEAUX (33)

Dry docks are basins in dry-docking allowing for boat maintenance. The company AFM Recyclage decided, in the framework of a project for dismantling a ship in the Bordeaux dry dock, to procure a rainwater pretreatment unit that ensures preservation of the natural environment during dock openings. It is moreover the fact that the docks are put back into the water by the removal of a lock-gate which conditioned the choice of a mobile pretreatment unit.



APPRAISAL

Backed with our experience in terms of oil removal, we developed an installation that satisfied the client's various constraints and in particular its expectation in terms of mobility and performance. The results of this reflection gave rise to the designing of a coated steel sludge trap and light liquid separator positioned in a mobile storage wagon provided by our client, which allows for easy withdrawal from the dock before each opening of the lock-gate.

DESIGN

Advantages of our system:

- Mobility: structure on cradles for installation on the frame of a mobile storage wagon
- Effectiveness: good separation of the oils thanks to a large coalescence surface on honeycombs
- Tailored: structure designed as close as possible to the final expectations
- Integrated equipment: global sludge drainage and drainage devices, oil skimmer
- Flow rate control: the structured is supplied by 2 pumps and integration of a tranquillisation and energy dissipation compartment

BUILDING

Characteristics :

- Made in France at our site in the North
- Dimensions : Ø 1.50 x L 5.00 m
- Projected separation area : 8 m²
- Exterior anti-UV coating carried out using our client's own colour code
- Control cabinet built into the construction

FOLLOW-UP

An oil level detection system warns the operator when the level has reached the maximum threshold, which as such prevents discharging any pollutants into the harbour at the end of the project.

Date of commissioning	2013
Client	AFM Recyclage (Grp. Derichebourg Env.)
Contractor	AFM Recyclage (Grp. Derichebourg Env.)
Companies	AFM Recyclage (Grp. Derichebourg Env.)



Installation on a mobile storage wagon



Control cabinet



General view