

Storm water tank

Circular diaphragm wall - Piles

ALEXIS STORM WATER TANK

WINGLES - PAS-DE-CALAIS - FRANCE



Construction of a 4,500m³ capacity storm water tank



Restructuring the Parc Alexis storm water unit in Wingles (Pas-de-Calais) forms part of the sewer system rehabilitation works commissioned by the Communauté d'Agglomération de Lens-Liévin.

This tank, located at the centre of a major potable water catchment area, is intended to store water during heavy rainfall episodes before transferring it to a wastewater treatment plant and thus avoiding direct discharges into the natural environment to avoid pollution as much as possible.

CLIENT:	COMMUNAUPOLE LENS-LIÉVIN (CALL)
SUPERVISING ENGINEER:	B&R INGÉNIERIE
JOINT VENTURE:	SOGEA - SOLÉTANCHE BACHY
TOTAL VALUE OF THE WORKS:	6,24 M. EUROS INCLUSIVE OF TAXES
DURATION OF WORKS:	JANUARY 2007 - APRIL 2007

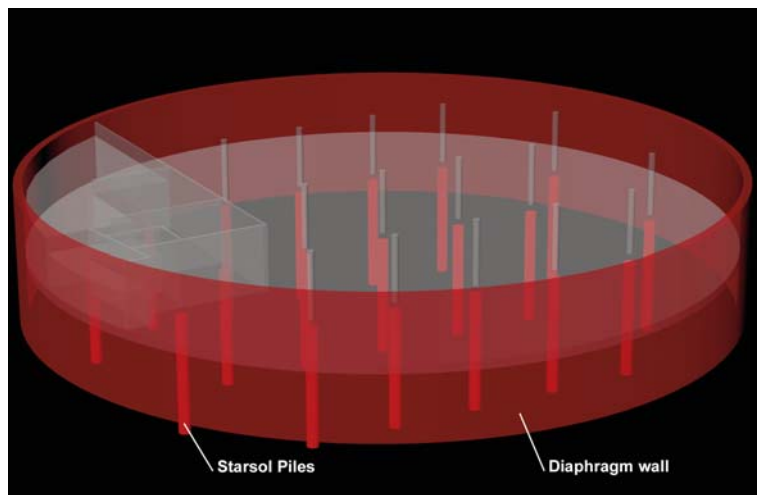
WORKS CARRIED OUT:

- Tank diameter: 50m
- Circular diaphragm wall: 0.50m thick
- 45 Starsol piles measuring 0.72, 0.82 and 0.92m in diameter



The works include the construction of a circular tank using diaphragm walls. The tank will be entirely covered over and one section of the cover will take traffic. With its equipment, this autonomous tank will be connected to the different supply and outlet networks.

Solétanche Bachy was responsible for the construction of the diaphragm wall and used its subsidiary, Solétanche Bachy Pieux, to install the Starsol piles.



Diaphragm walls being surfaced



Constructing the base slab



View of the 0.5m diameter columns



View of the prestressed beams

