

## Project report Storm water tank Langewijk

Community Dedemsvaart, province Overijssel, Netherlands

### Project description

The existing storm water system of the community Dedemsvaart/Netherlands should be disburden by the disconnection of rain water and the construction of storage space. Therefore floods should be avoided in case of heavy rain.

As a first solution a storm water tank with a store volume of 500m<sup>3</sup> has been built in the area Langewijk.

The community decided, in combination with the construction company Sallandse Wegenbouw to use a PKS storm water tank made of PE 100. One important point for this decision was among other things the absolute tightness of the PKS-system, welded via electro fusion coupler, the smooth inner surface and the short construction time.



**Pict: 1: Special construction ND 2300 with pump manhole ND 1800**



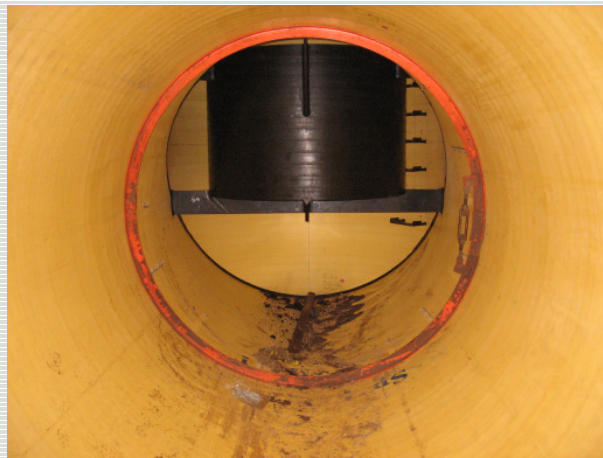
**Pict. 2: parallel pipeline with PKS-pipe ND 2300**



**Pict. 3: PKS-Overflow manhole ND 2300**

## Scope of supply

- 120 m PKS-pipes ND 2300
- 2 pcs. PKS-Overflow manholes ND 2300
- 1 pc. PKS-special construction ND 2300 with integrated pump manhole ND 1800
- 3 m PKS-pipes ND 1000
- 1 pc. Wall connector PKS-1 ND 1000
- 2 m PKS-pipes ND 800
- 1 pc. Wall connector PKS-1 ND 800



**Pict. 4: Overflow bin in PKS manhole ND 2300**

## Services of FRANK

- ✓ Design of static and lifting calculation
- ✓ Attendance during construction
- ✓ Leasing of welding equipment and socket tester

## Time frame

2,5 weeks for installation and welding of all pipes and manholes.

## Partner

Sallandse Wegenbouw B.V. NL 7448 Haarle

## Contact

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