

Discharge measurements near river structures and gauging stations



Country: Belgium

Year: 2017 - 2020

Client: Vlaamse Milieumaatschappij

Context

The Vlaamse Milieumaatschappij (VMM) intended to use a number of artworks for flow calculations at different flow regimes.

Description of the project

For this purpose, calibration measurements had to be carried out near valve weirs at different discharge thresholds. In addition, a large number of flow velocity measurements were carried out at a selection of limnigraphic measuring stations scattered across Flanders.

Supplied services

IMDC performed the necessary calibration measurements using an electromagnetic current meter and Doppler acoustic profiler:

- 180 discharge measurements near valve weirs at different flow rates at 15 different locations scattered across Flanders (Lot 1).
- 10 continuous weeks of calibration measurements at 115 limnigraphic measuring stations (Lot 2)
- Data processing and reporting of measurement results

