

NO₃ reduction using CAP18™

Location : Bassevelde, Belgium.

Injection Date : June 2006.

Program : Injection of **ca.144 kg of CAP18™** in order to proof that CAP18™ can be used as an efficient technology(e.g.protection of flows via CAP18™ barriers) for the reduction of nitrate, which is a huge problem in Flanders and Europe.

Maximum NO₃ concentration : 316 mg/L.

Site conditions : very fine to find sand with a low permeability.

Conclusions : Within 3 months we received the target value of 50 mg NO₃/L and within 6 months we could not find nitrate anymore in P4.

