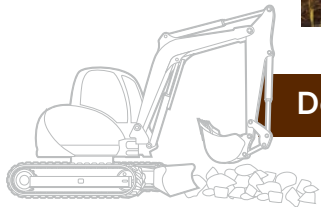


Case Study



De-silting using vacuum suction

Client - Jacobs on behalf of Anglia Water

Project Length - 6 weeks

Project Value - £60,0000

Project - Downham Market water treatment facility

Key Issues

- Facility needed to remain operational throughout works
- High volume of silt was affecting discharge test results negatively
- Classification of material led to removal costs in excess of 150,000
- Silt was suspended making mechanical removal impossible
- Surrounding landscape unsuitable for large machines

Solution

Ebsford Environmental specified the low impact, lightweight Truxor amphibious machine complete with vacuum suction attachment. Working in partnership with Anglia water to ensure ammonia levels remained constant we were able to remove over 1,000m³ of material without the need for closures or draining. The silt removed from the lagoon was relocated for future management, thus removing in excess of £150,000 from the total project price.