

Silt Pumping & Dredging

A build up of silt can lead to a reduction in the depth of the pond increasing risks of flooding along with the potential of drying out and the loss of the waterway. The process of biological decomposition also releases nasty smelling odours.

We undertake silt pumping and dredging works in ponds, lakes and streams both natural and artificial. We are adept at minimising the impact of these works on the environment and the surrounding fauna and flora.

Ways of Silt Disposal (see reverse for pictures)

- **Using Silt Bags**—To use de-watering bags, they are required to be placed on flat land to prevent any movement of the bags. Once the silt has been pumped into the bags they are allowed to de-water to leave pure silt. Once dry the silt can be used for landscaping or taken off site.
- **Using Nicospan Fence**—Install a permeable membrane around the water's edge to create a new bank. The silt can then be pumped or lifted behind the fence. Once filled, planting with marginals can be undertaken to give an aesthetically pleasing border to the waters edge.
- **Pumping onto Flat Land**—The silt can be pumped onto land nearby. It can be spread evenly over the land allowing the vegetation to grow back through (subject to EA regulations).



Aquatic Solutions UK use specialist machines manufactured in Sweden, known as Truxors. They are amphibious, extremely versatile and lightweight. Being lightweight, this enables them to drive across lawns and other sensitive areas where other heavy machines cannot. Many weed cutting boats have to be taken by trailer to the waters edge before they are unloaded or craned into the water. Being amphibious this does not apply to our machines.

Our Truxors have two types of silt pump used for different types of silt material and density. The clamshell attachment dredges the silt off the water bed and then moves it to a desirable location. With the use of our excavator arm we can loosen any harder material on the water bed and then follow up with a silt removal pump to remove the loosened material from the water.

To get in touch please contact us;

Call us: 01788 810614 or 07770 606423

Email us: enquiries@aquatic-solutions.co.uk

Visit our Website: www.aquatic-solutions.co.uk

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Clean water coming from the de-watering bags



Nicospan area within the waters edge ready for the silt



De-watering bags full of silt



Nicospan area filled with silt removed from the pond



De-watering bags stacked to save space on site



Nicospan area planted with marginals, and bird netting

Call us to discuss all silt options available to suit you.