

SchlixX and SchlixX Plus

The solution to your organic sediment and related phosphate issues.

How it works

Over time, sludge builds up and stores nutrients, such as phosphorus, increasing the risk for water quality issues. SchlixX is an industry game changer, as it promotes the digestion of organic sediment build up on the bottom of lakes and ponds by releasing oxygen for up to 6 weeks, while simultaneously binding any release of phosphorus. This slow continued release provides superior downward penetration into the bottom sediment, further improving sludge digestion over the long term, as compared to other traditional solutions.

Special properties

If you are looking for a premium offering that includes a proprietary strain of bacteria to supercharge the sludge reduction process, consider our professional grade SchlixX Plus. With this innovation, one ton of SchlixX Plus has been shown to remove up to 2982m³, in a single application, gaining you valuable water depth and reducing or eliminating the need for disruptive and costly dredging. When following our suggested treatment plans, be prepared to improve results, save time, reduce site visits, and exceed all of your lake and pond management goals.

Treatment

Apply 500 kg of SchlixX or SchlixX Plus per surface hectare for routine treatment. SchlixX Plus reduces significant amounts of organic sediments with each application.



View electronically and find additional solutions



DIGEST SLUDGE & BIND PHOSPHORUS AT ONCE!

Benefits of SchlixX

- ⊕ Adds oxygen and reduces organic sediment in a sustainable and environmentally friendly way
- ⊕ Permanently binds phosphates to remove excess nutrient load
- ⊕ Buffers pH at the bottom which improves activity and overall biological efficiency
- ⊕ Lessens number of site visits and provides a better value compared to traditional products

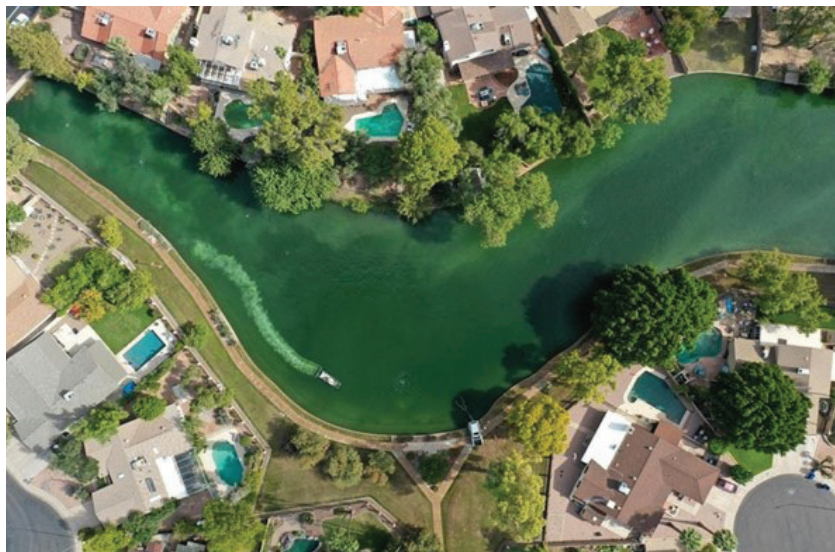
Additional benefits of SchlixX Plus

- ⊕ Adds beneficial bacteria to enhance water quality and accelerates sediment digestion
- ⊕ Greatly reduces the need for disruptive and costly dredging
- ⊕ Helps to control foul odors

Product details

Item no.	Package size	Coverage
94774 SchlixX	25 kg	0.05 hectare
94775 SchlixX Plus	25 kg	0.05 hectare

Case study



Dobson Ranch HOA and Golf Course Community, Lake #8 Mesa, Arizona

The lakes at Dobson Ranch are part of a man-made drainage control system, that winds through the master-planned layout. Over the years, high nutrient levels from the main inflow feed and run-off from cultivated lawns and golf course turf, resulting in increased maintenance issues and costs, as well as accumulating organic sediment concerns. This was especially the case in Lake #8, which ends in a spillway and acts as a dam, causing it to be prone to sediment accumulation.

Treatment

Water and sludge samples were taken and analyzed 3 months before treatment. SchlixX Plus was chosen as the appropriate treatment as it provides 3 key benefits:

- 1) increases dissolved oxygen (DO) levels over a period of months
- 2) reduces sludge accumulation through microbial digestion
- 3) prevents the re-release of biologically available phosphate from digested sediment

Treatment was executed on November 9, 2022 and the dosage applied was 750 kg of SchlixX Plus. To reduce dusting and loss of product to wind, an apparatus was used which pre-mixes the SchlixX Plus powder with water drawn from the lake and ejects it via submersed nozzles into the wake of the boat. The process took 8 hours to cover the entire 1 hectare surface area.

The results

Measurements and samples were taken two times in the 6 months following the treatment. Analysis of both showed significant changes in both organic sediment and phosphate levels. The sludge layer had been reduced by an average of 15.24 cm, with a water volume increase of 1542 cubic meters and a >30% phosphate reduction.

Project overview

Location	Mesa, Arizona
Type of water	Man-made, freshwater
Type and size	Drainage/decorative, 1 hectare, 12.7 cm in depth
Problem	Sludge accumulation and high phosphate levels
Applied Product	SchlixX Plus
Period and type of application	In Nov 2022, 750kg of SchlixX Plus was added to 1 hectare of the total area
Result of the application	In May 2023, degradation of organic sludge and reduction by an average of 15.24 cm with the first application. Subsequently, there was a water volume increase of 1542 cubic meters and a phosphate reduction of >30%



What our clients are saying

"We applied SchlixX Plus over 18 months ago in Lely Resort and Golf Club's 6.9 hectare lake. Their staff reported a major reduction in chemical treatments needed to help with algae and the lake has been clearer and healthier in appearance. Sludge reduction has been evident as well, adding much needed volume and depth, ultimately saving man hours and treatment costs."

Bob Buccieri, Owner of Pipe Irrigation Supply, Naples, FL

Reach out to your specialist at **Algae Control Australia** to discuss how SchlixX Plus can add value and greatly extend the life of your waterbodies: +61 (02) 5017 9829 or email hello@algaecontrol.com.au

