

# 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 pharmaceutical grade SchlixX Plus. With this innovation, one ton of SchlixX Plus has been shown to remove up to 3900 yd<sup>3</sup>, 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 450 lbs of SchlixX or SchlixX Plus per surface acre for routine treatment. SchlixX Plus typically results in 6–12" of sludge reduction with each application.



Learn about add'l Oase Lake Therapy products.



**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	50 lbs	0.11 acre
94775 SchlixX Plus	50 lbs	0.11 acre

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## 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 1,654 lbs 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 2.5 acre 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 6 inches, with a water volume increase of 1.25 acre-feet and a >30% phosphate reduction.

Email [LakeTherapyUS@oase.com](mailto:LakeTherapyUS@oase.com) or call **330.286.6519** to discuss innovative and value-based solutions for all of your lake and pond management needs.

#### Project overview

Location	Mesa, Arizona
Type of water	Man-made, freshwater
Type and size	Drainage/decorative, 2.5 acres, 5' in depth
Problem	Sludge accumulation and high phosphate levels
Applied Product	SchlixX Plus
Period and type of application	In Nov 2022, 1,654 lbs of SchlixX Plus was added to 2.5 acres of the total area
Result of the application	In May 2023, degradation of organic sludge and reduction by an average of 6 inches with the first application. Subsequently, there was a volume reduction of 1.25 acre-feet and a phosphate reduction of >30%



#### What our clients are saying

*"We are seeing positive results from our initial application of the SchlixX Plus product in one of our larger lakes and a stormwater pond last spring. Water clarity is improved and algae growth is less compared to last year. We don't need as many traditional treatments this year, saving us money and man hours."*

*Kevin Carter, Director of Operations, Lely CDD in Naples, FL*