

Product details

Item no.	Package size	Coverage
45200 SchlixX	250 lb	2.5 acres
45201 SchlixX Plus	50 lb	0.5 acres

Treatment

Apply 1.25 lb of SchlixX or SchlixX Plus per surface acre for routine treatment.

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 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) increase DO levels over a period of months, 2) reduce sludge accumulation through microbial digestion and 3) prevent the re-release of biologically available phosphate from digested sediment.

The dosage applied was 1.25 lb of SchlixX Plus. Treatment was executed on November 9, 2022. 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 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.

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, 1.25 lb 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

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