

More information on the diffusers from Sis Bio

“What are commonly referred to as “diffusers” or “bubblers” are in fact highly sophisticated pieces of technology. Merely blowing bubbles into the water as aeration systems do, does not evenly and consistently oxygenate the whole water column throughout the lake.

The SIS.bio system utilizes proprietary RADOR units that are precisely positioned on the bottom of the lake as determined by algorithms that interpret the bathymetric data to produce an engineered RADOR configuration and layout across the lake. Each RADOR delivers 5cfm of air 24/7 to maintain consistent oxygenation throughout the lake, creating conditions that enable the biological healing and remediation of the lake.”

The size of the diffuser that would be on the bottom of the lake is 12 inches square and 3 inches high. The location of the diffusers is listed on another link.