

Restoring Community Lakes with Oxygen Enriched Nanobubbles



Peacock Gap Lagoon, San Rafael: Peacock Gap is a 17-acre community lagoon located in San Rafael, California, situated on the San Francisco Bay. The lagoon provides local residents a place to swim, fish, and sail, as the center of the local community.

The Challenge: The lagoon has historically faced challenges in the summer months, with increasing temperatures, leading to lower oxygen levels, harmful Blue-Green algae outbreaks and fish kills.

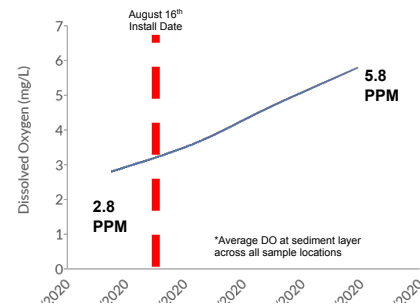
Throughout America, community and recreational water bodies face the same challenges driven by climate change and warming temperatures. The community at Peacock Gap needed to find an environmentally-friendly and chemical-free solution.



Our Solution: In 2020, the community had a study and report conducted on the lagoon to provide recommendations to resolve the ongoing challenges. The community chose to install Moleaer's Clear nanobubble generator, a proven chemical-free solution to increase the dissolved oxygen levels and restore aquatic health.

Results:

- Oxygen levels at sediment increased by **3 PPM** on average across waterbody.
- Algae buildup was resolved
- Trial continues to avoid future fish kill offs



Sean Barron, Peacock Gap: *“Without Moleaer’s nanobubble generator, we’re not sure what we would’ve been able to do to remediate our lagoon. The nanobubble generator has been a critical component to restoring the lagoon and aquatic health.”*