



# AO<sub>3</sub> Solutions

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This photo was taken 5 days after AO3 Solutions installed the (5) Lagoon Masters. The odor is eliminated, and the color of the water has turned from black to brown, the indication of an aerobic ecosystem. The grease burls are broken up and being consumed by the bacteria (SewperRx).



**Installed 5 Stainless Steel Lagoon Masters and SewperRx Microbial Blend**

With the installation of the Lagoon Masters and introduction of SewperRx Microbes this lagoon has transformed into working EQ lagoon.

After 8 months in operation AO3 Solutions conducted a sludge survey with the City.

Results:

1. All major flotilla, including vegetation, grease, and sludge are gone. Two aerators had small debris flotilla, mostly consisting of plastic, fibrous wipes, rubber, and latex which were removed.
2. Subsurface sludge levels have been reduced significantly and we were only picking up a 12-18 inches of sludge in the corners.
3. The water column in the Sludge Judge sampler tube was clear when sampling with light fluffy sludge at the bottom, indicative of activated sludge.