



DATE: September 26, 2018  
TO: To Whom It May Concern  
FROM: Dr. Lisa McGarity, Professor of Chemistry  
Florida SouthWestern State College  
RE: *Ocean Habitats, Inc.*

The intent of this document is to provide a summary memorialization of the water quality tests that my chemistry students, and myself, have been conducting at the home of James Timmerman, 831 Perrine Court, Marco Island, Fl 34145-6800.

The most impactful effects of Ocean Habitats shown in our test results after 11 months:

- Dissolved oxygen levels dramatically higher near habitats. Additional evidence is significant numbers of fish that require high oxygen levels like barracuda, jack, pork fish are frequently observed within 5 meters of the habitats.
- Nitrates and nitrites are generally undetectable at habitat sites.
- Phosphates are approximately 35 – 40% lower at habitat sites.
- Turbidity, (murkiness), is remarkably lower at habitat sites, allowing more photosynthesis that generates oxygen and food for aquatic species.
- Many of the filter feeding species that live in the habitats consume *Karenia brevis* (red tide algae).

Please feel free to contact me with any questions, comments or concerns.

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