

***Reunion Property
Owners Association***

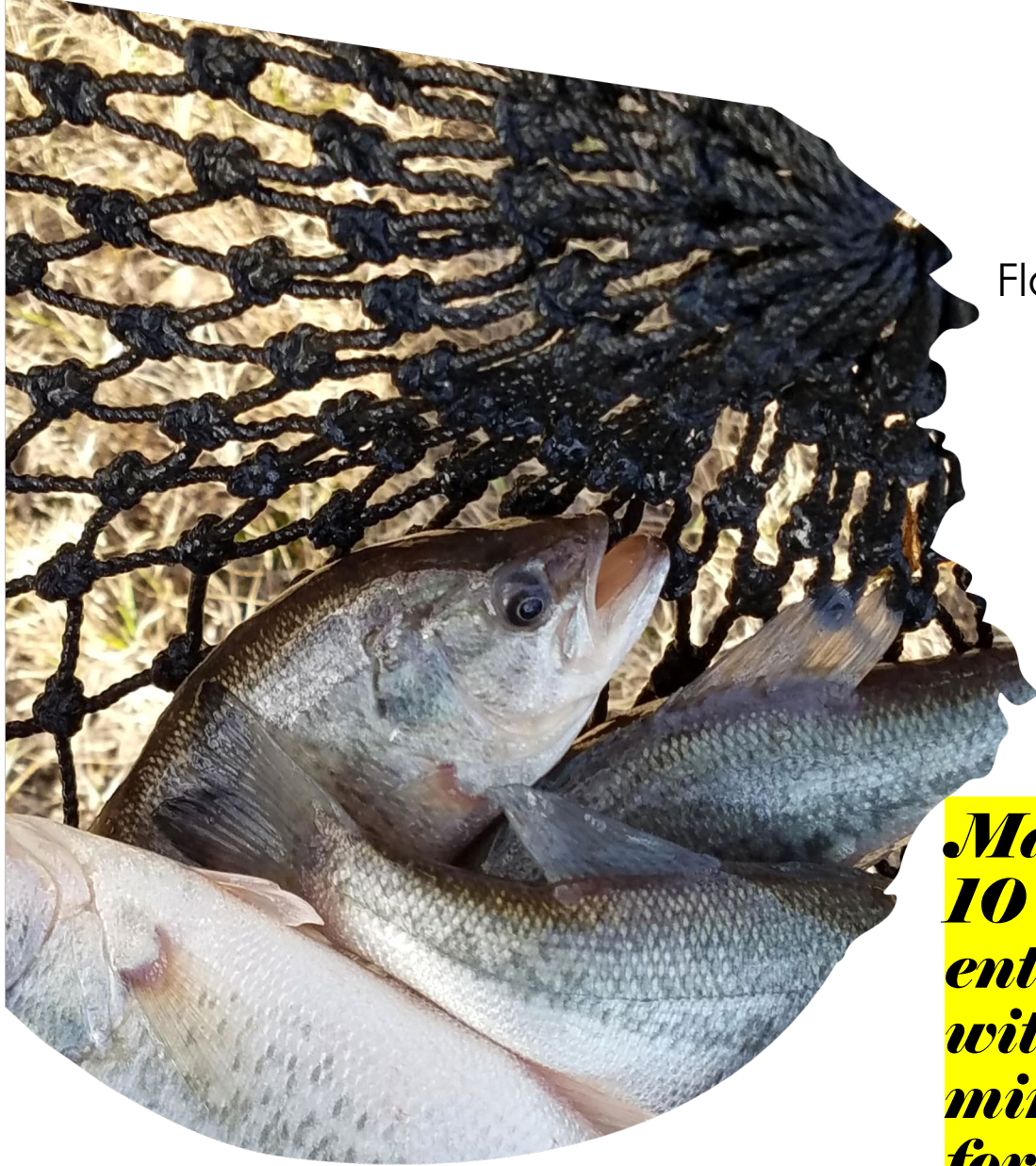
***Summary Fishery
Update:***

2018 and 2019



***May 29, 2018 - Stocked
20,000 Largemouth Bass
(Tiger Bass) Fingerlings in
Reunion North and South
Lakes; May 23, 2019
Stocked an additional
20,000 Largemouth Bass
Fingerlings (Tiger Bass) in
Reunion North and South
Lakes.***





Floy Tag

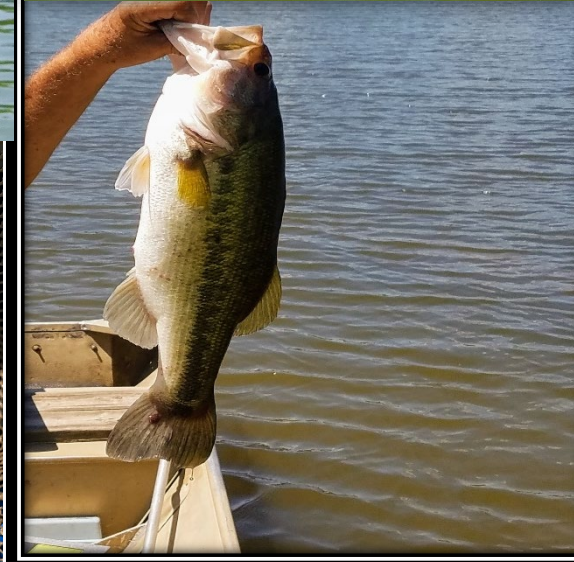
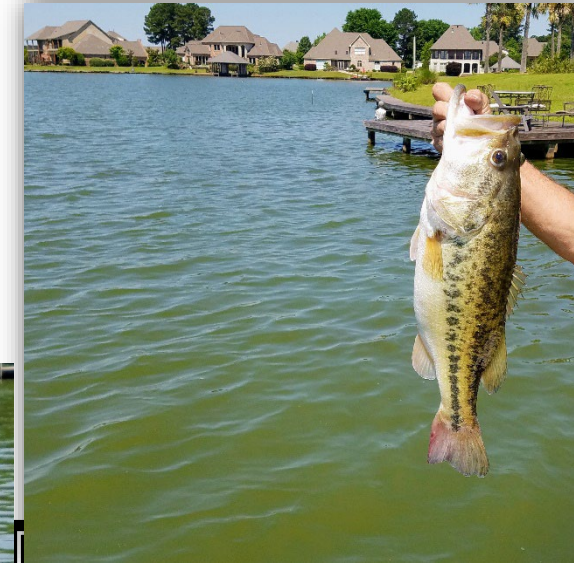


May 23, 2019 – Stocked 125 Tiger Bass 8 to 10 inches long in the small fountain lake at the entrance to Reunion. All bass were tagged with numbered Floy Tags. 10,000 fathead minnows were simultaneously released as forage for the bass. Automatic Feeders were installed as an additional management feature

Electro-fishing Sample Date	Alkalinity (Target 20 ppm and higher)	Water Column Visibility	Large-Mouth Bass Sampled	Bluegill	Redear/Shell-cracker	Hybrid Striped Bass	Crappie (Removed)	Channel Catfish (Removed)
May 18 2018	41 ppm	*Variable from 16" to 28"	Number Sampled = 39 **Wr = 94 (Largest 6.1#)	Number Sampled= 44 **Wr = 80 (Largest 1½#)	Number Sampled = 12 **Wr = 83 Largest ½ #	Number Sampled = 4 (Initial Stocking of 4,000 on April 10, 2017)	Number Sampled = 5 (All Removed)	Number Sampled = 46 (All Removed) Largest = 4#; Average=2.2#
May 13 2019	24 ppm	21"	Number Sampled = 38 **Wr = 97 (Largest 8.1#)	Number Sampled = 93 **Wr = 88 (Largest 1½#)	Number Sampled= 28 **Wr = 86 Largest ½#	None Picked up in the Sample	Number Sampled = 36 (All Removed)	Number Sampled = 50 (All Removed) Largest = 4.1# Average = 2.0#
		*Excessive Rainfall/Turbidity in 2018 marginalized sample integrity	**Wr = Relative weight of sampled fish compared with an ideal weight of 100	**Wr = Relative weight of sampled fish compared with an ideal weight of 100	**Wr = Relative weight of sampled fish compared with an ideal weight of 100			

Comparative Water Quality and Electrofishing Result - 2018 and 2019

Management Trends and Fishery Recommendations



Management Observations and Trends

- The Reunion Lakes Fishery is an incredibly valuable property asset; both recreationally and aesthetically
- Over the past three (3) years the POA has enhanced the functional management and development of the Reunion Fishery by:
 - Approved stocking of 4,000 Hybrid Striped Bass in 2017
 - Approved supplemental stocking of 20,000 largemouth bass (Tiger Bass) fingerlings in 2018
 - Approved supplemental stocking of 20,000 largemouth bass (Tiger Bass) fingerlings in 2019
- Fishery impacts relative to the 2018 and 2019 largemouth bass stockings were particularly noted in the 2019 electrofishing sample, as both stocked fingerlings and yearling bass (2018 stocking) were evident in the sample
- The 2019 electrofishing sample yielded the best result to date, with bass relative weights (Wr) topping out at 97 out of 100



Management Observations and POA Member Comments

- Visiting dockside with property owners during the 2019 electrofishing sample triggered some interesting discussions, e.g.
 - Crappie catch and removal continues to be an important POA management focus, as it should be
 - Channel catfish numbers are a concern and for good reason
 - They are a top tier predator of bass and bream and can/should be removed on an unlimited basis
 - Unchecked, they can have a seasonal affect on water quality (bottom feeding in shallows and spawning activity in the spring)
 - When we are electrofishing Reunion Lakes, catfish along with grass carp, are removed whenever they are encountered
 - There was/is great interest in the Hybrid Striped Bass fishery which was installed in 2017
 - Importantly, to those of you who saw our shock boat crew, offered your dock or pier for a stopping point to weigh fish and record samples, took a minute to visit and/or offered a cool drink of water.....a sincere thank you



Management Observations and Recommendations

Alkalinity is an important indicator of water quality and associated fishery health and productivity. Importantly, this management parameter has, over time, remained within acceptable limits with respect to the Reunion Lakes fishery

The 2019 electrofishing sample produced one of the best results of record for Reunion, relative to population structure and individual fish quality; a testament to management input by the Reunion POA in 2017, 2018 and 2019

Shad, an important food source for bass and hybrid striped bass, was abundant in the 2019 sample and “pods” of shad were well distributed throughout the Reunion Fishery

Installation of 4,000 Hybrid Striped Bass in 2017 has been well received. Nevertheless, as a hybrid, these feisty fighting sportfish do not reproduce and must be periodically restocked in order to maintain the species as a viable fishery component. Consideration should be given to supplementation of the 2017 stocking in 2020 or 2021

Continue to focus on removals of crappie and channel catfish

Practice safe handling techniques on catch-and-release bass



Covid Comments

It is our sincere hope that each of you are staying safe during these stressful weeks which have followed the Global Covid Pandemic

It is possible that we may be able to gather with the POA Fish Management Committee in the coming weeks to discuss next-step management process

Until we can safely gather, I am respectfully suggesting that the annual electrofishing sample for Reunion be put in abeyance until Late Summer/Early Fall

A scenic view of a lake with houses and trees in the background. The water is blue and calm, reflecting the sky. In the background, there is a line of houses with brown roofs, surrounded by lush green trees. The sky is a clear, light blue.

***SENDING ALL GOOD WISHES
TO EACH AND EVERY ONE
WITH SUCCESSFUL DAYS TO
CONTINUE..... ON AND OFF
THE WATER***