

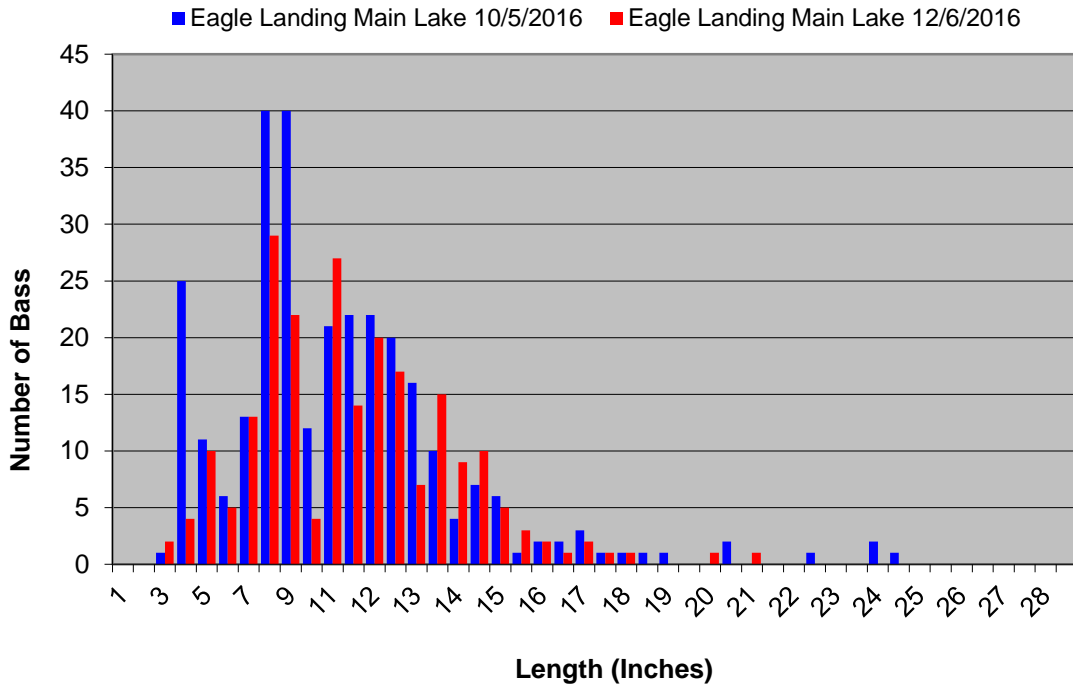
EAGLE LANDING

Update
01-2017

LOCHOW RANCH
POND AND LAKE MANAGEMENT
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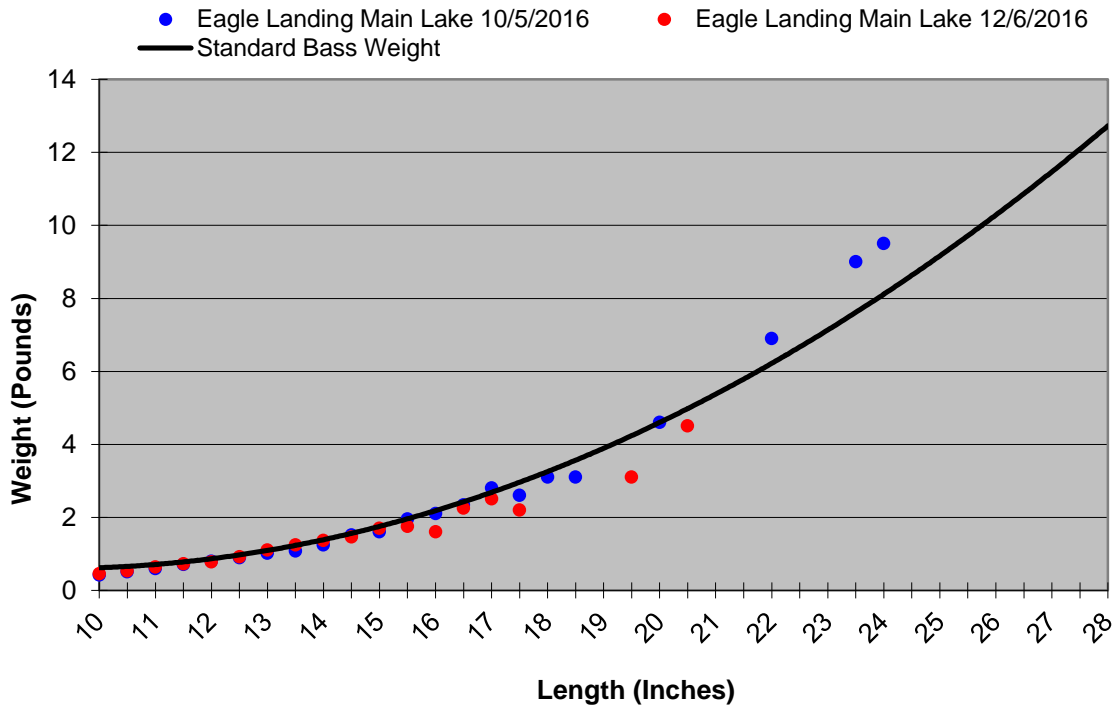
Length Distribution

Bass Distribution by Length



Relative Weight

Bass Relative Weight



Forage Chart

FORAGE SPECIES RELATIVE ABUNDANCE					
<i>Species</i>	<i>Fry</i>	<i>Small</i>	<i>Medium</i>	<i>Large</i>	<i>Jumbo</i>
Coppernose Bluegill		Occasional	Occasional	Occasional	
Redear Sunfish			Occasional	Occasional	
Warmouth Sunfish			Occasional	Occasional	
Gizzard Shad					Occasional
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Other Species Chart

OTHER SPECIES RELATIVE ABUNDANCE					
<i>Species</i>	<i>Fry</i>	<i>Small</i>	<i>Medium</i>	<i>Large</i>	<i>Jumbo</i>
Crappie			Occasional	Occasional	
Mud Cat				Occasional	
Spotted Gar			Common	Common	
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Electrofishing Summary

Date	No. Collected/Harvested	Relative Weight Average	Noteworthy Observations
10-05-16	294/249	0.94	23.5" 9.8# 29% overweight
12-06-16	225/189	0.88	

Relative Weights by size class

Date	10-12	12.5-14.5	15-17	17.5-19.5	20-22	22.5-24.5
10-05-16	0.86	0.88	0.96	0.91	1.07	1.18
12-06-16	0.89	0.94	0.87	0.74	0.92	n/a

Fisheries Discussion

Overall the fishery is in the same condition as our first electrofishing survey. The fishery will improve over time as the density of undesirable species and small bass are reduced. Considering the size of the lake this process will take time to achieve observable improvement.

During our recent electrofishing survey 225 Largemouth Bass were collected, 189 bass less than thirteen inches were harvested. On average the bass were twelve percent below target weight when compared to state averages. Seventy-eight Spotted Gar as well as a handful of Mudcats, Warmouth and Jumbo Gizzard Shad were also harvested. Additional electrofishing surveys should be conducted as budget allows to help further reduce the abundance of trash fish (specifically gar) and small bass.

Moving forward electrofishing surveys will be the best use of the HOA budget. There is not a meaningful amount of forage fish that can be stocked (on a lake this large) along with the amount of electrofishing surveys that are needed.

Management Recommendations

Our recommendations are summarized and listed in priority of importance in the following table. Management activities marked with an asterisk are of utmost importance and should be addressed before any other management occurs. A description of all recommended management activities appears below the table.

Harvest	Stock	Other Recommendations
2,500 Bass <13"		
All Undesirable species		
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Conclusion

Thank you for choosing Lochow Ranch Pond and Lake Management. We strive to provide the best service and advice to manage your fishery to its full potential. We hope that you will follow our plan and run the course with our long-term trophy-growing strategies. If so, you will have a quality, well-balanced fishery that continues to add value to your property.