

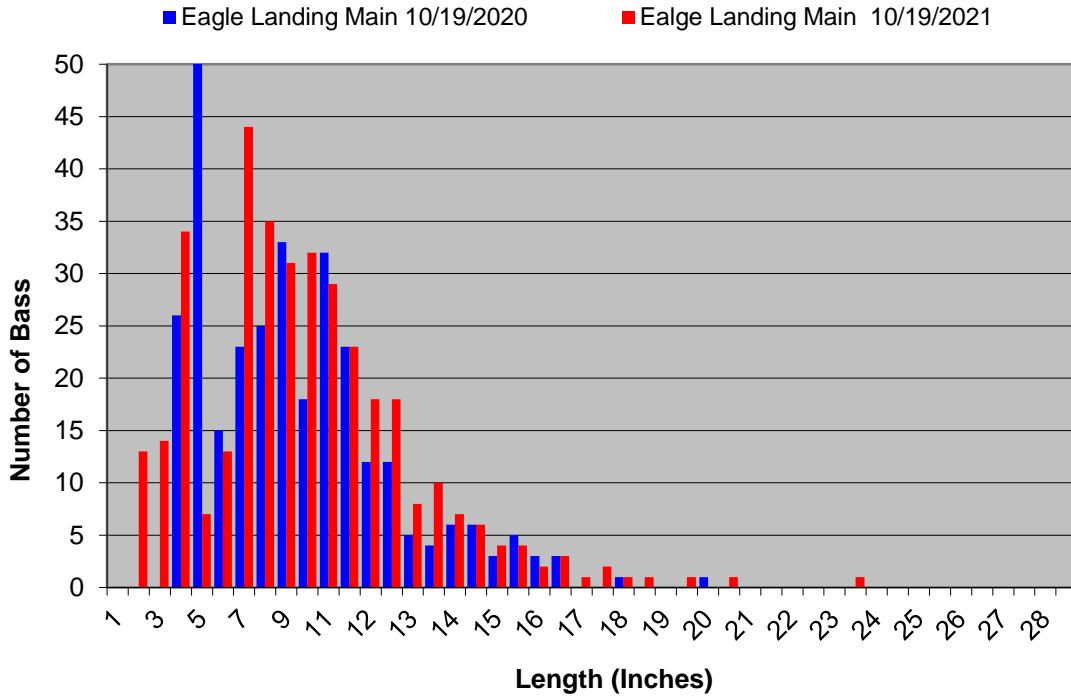
# **EAGLE LANDING**

*Update*  
*10-2021*

**LOCHOW RANCH**  
**POND AND LAKE MANAGEMENT**  
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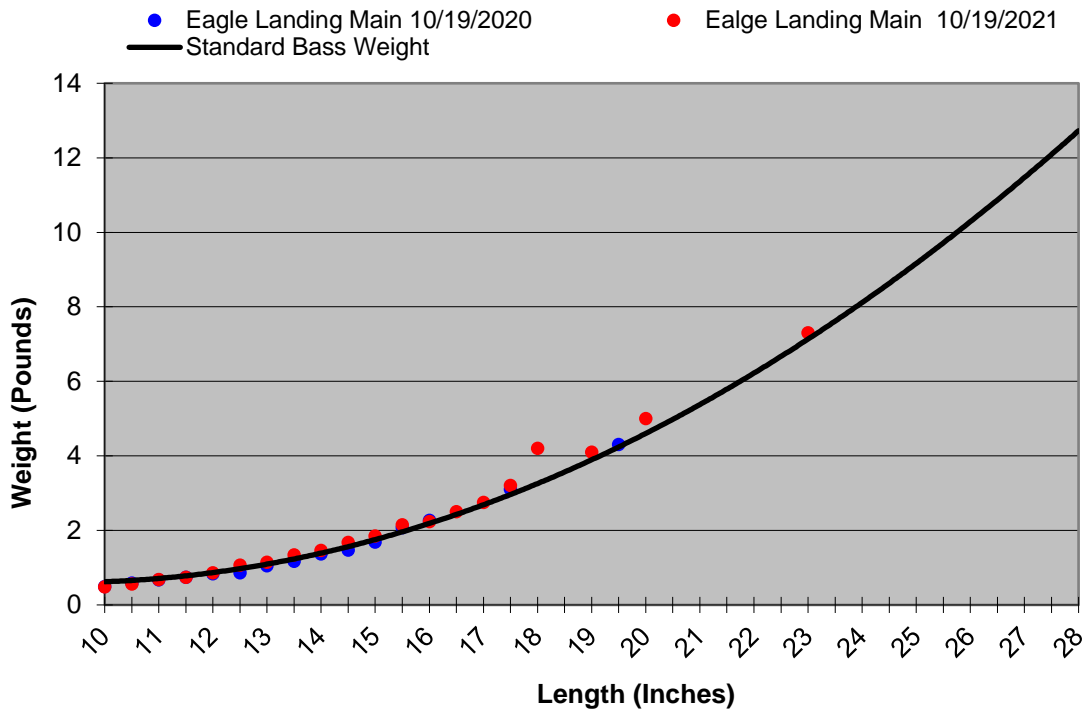
*Length Distribution*

### Bass Distribution by Length



*Relative Weight*

### Bass Relative Weight



*Forage Chart*

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

**LOCHOW RANCH POND AND LAKE MANAGEMENT**

*Other Species Chart*

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

**LOCHOW RANCH POND AND LAKE MANAGEMENT**

*Electrofishing Summary*

<b>Date</b>	<b>Collected/Harvested</b>	<b>Relative Weight</b>	<b>Trash Fish Harvested</b>
10-05-16	294/249	0.94	65 gar
12-06-16	225/189	0.88	78 gar, 1 bowfin, 5 mud cats
03-23-17	394/342	0.98	153 gar, 11 mud cats
05-02-17	288/262	1.01	78 gar, 1 bowfin, 2 mud cats
10-10-17	263/233	0.95	40 gar, 1 bowfin, 13 pickerel
11-21-17	471/430	1.00	60 gar, 3 bowfin, 11 pickerel
04-06-18	366/349	0.89	50 gar, 2 bowfin, 10 pickerel
06-07-18	223/211	0.82	56 gar, 3 mud cats
10-18-18	370/330	0.96	29 gar, 4 bowfin, 8 pickerel
04-23-19	383/368	0.86	67gar, 5 mud cats
10-15-19	334/323	0.93	45 gar, 4 mud cats
05-15-20	330/328	0.96	44 gar, 1 bowfin, 4 mud cats
10-19-20	323/307	0.96	37 gar, 1 bowfin, 80 pickerel
10-19-21	363/218	1.03	52 gar, 10 mud cats

**Fisheries Discussion**

Over time the fishery has shown improvement, positive growth trends are becoming more apparent among bass above the harvest mark (13-17”). Continuing to conduct electrofishing surveys, when possible, to reduce the density of stunted bass and undesirable species will continue to improve the fishery over time. We would recommend concentrating harvest efforts during the optimal times of the year (February-May—September-November).

During the 2021 fall electrofishing survey 363 Largemouth Bass were collected, 218 bass less than 10 inches were harvested. On average the bass sampled were three percent above target weight when compared to standard weights. Bass weights continue to fluctuate temporally as expected due to water temperature, spawning status and resource availability. To date 4,139 Largemouth Bass less than thirteen inches have been harvested and while the density of stunted bass has been reduced bass reproduction/recruitment remains high and additional harvest is needed to balance the fishery.

Fifty-two Spotted Gar and 10 Bullhead Catfish 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.

## 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.

<b>Harvest</b>	<b>Stock</b>	<b>Other Recommendations</b>
3500 Bass <13"		Trap river otters
All Undesirable species		Treat variable leaf milfoil

**LOCHOW RANCH POND AND LAKE MANAGEMENT**

## 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.