

Louisburg Park & Tree Board Meeting
Monday, May 10, 2021 at 6:30 P.M.
City Council Meeting Room
215 South Broadway
AGENDA

Item 1: PLEDGE OF ALLEGIANCE

Item 2: ADOPTION OF THE AGENDA:

Item 3: APPROVAL OF THE MINUTES:

- Minutes from the April 12, 2021 Meeting

Item 4: PUBLIC COMMENTS:

Persons who wish to address the Park Board regarding items not on the agenda may do so at this time. Speakers will be limited to three (3) minutes. Any presentation is for informational purposes only. No action will be taken.

NEW BUSINESS ITEMS:

Item 5: 2021 Fishing Derby. The proposed date for the derby is June 19, 2021.

Item 6: 2021 4th of July Celebration at L/Y Park.

Item 7: Discussion with Drew Siebert concerning a potential dog park.

Item 8: Kansas Department of Wildlife, Parks and Tourism 2020 Progress and Management Report Fisheries Division for City Lake

Item 9: Discussion concerning the water quality at City Lake.

Item 10: Discussion concerning the replacement of swing set at L/Y Park.

OLD BUSINESS:

REPORTS:

Item 11: Individual area of responsibility updates:

- Bob Bazin (Chairperson)
- Ryan Westhoff (Aquatic Center)
- Andy Gibbons (City Park)
- Wayne Knop (Ron Weers Park)
- Jack Kline (Forestry Manager)
- Michael McClellan (Lewis-Young Park)
- Diana Moore and/or Tyler Olson (Louisburg Rec Commission)
- City Administrator

Item 12: Adjournment



**LOUISBURG PARK AND TREE BOARD
MEETING MINUTES
Monday, April 12, 2021**

The Park & Tree Board of Louisburg, Kansas met at 6:30p.m. in the City Hall Council Chambers with Chairperson Bob Bazin presiding.

ATTENDANCE

Board Members: Wayne Knop, Michael McClellan, Andy Gibbons, Ryan Westhoff and Jack Kline

City Council: Donna Cook

City Administrator: Nathan Law

City Staff: Jean Carder

Louisburg Rec Commission: Diana Moore

Recording Secretary:

Visitors: None

Item 1: PLEDGE OF ALLEGIANCE

Item 2: ADOPTION OF THE AGENDA:

A motion was made by Wayne Knop to approve the agenda. The motion was seconded by Michael McClellan. Motion passed 6-0.

Item 3: APPROVAL OF THE MINUTES:

A motion was made by Wayne Knop to approve the March 8, 2021, minutes. The motion was seconded by Jack Kline. Motion passed 6-0.

Item 4: PUBLIC COMMENTS:

None

NEW BUSINESS ITEMS:

Item 5: Discussion concerning the planting of new trees within the parks system. Trees have been purchased and are scheduled for delivery on April 13, 2021. Planting will occur by volunteers on April 17, 2021. The following trees were ordered:

Golden Raintree – 1ea planted in City Park

Tulip Poplar – 1ea planted at Little Round House in Ron Weers Park

Red Northern Oak – 4ea planted in L/Y Park

Elm, Frontier - 3ea Planted in L/Y Park

After a brief discussion, Andy Gibbons agreed to meet with City Staff at L/Y Park next week to sort the trees that will be delivered tomorrow. Jack Kline agreed to show Staff where to plant the trees in Ron Weers and City Park.

No further action was taken concerning this topic.

Item 6: The Park and Tree Board will perform on-site visits to one or more city parks to conduct playground equipment safety inspection.

Everyone agreed to meet in L/Y Park to perform a playground equipment safety inspection after the adjournment of tonight's meeting.

OLD BUSINESS:

Item 7: None

REPORTS:

Item 8: Individual area of responsibility updates:

- Bob Bazin (Chairperson) –
- Ryan Westhoff (Aquatic Center) – Westhoff mentioned that the exterior doors at the Aquatic Center need to be repainted. The paint is peeling off the doors. He also noted that there are some areas near the playground equipment that need grass seed.
- Andy Gibbons (City Park) – Nothing to report
- Wayne Knop (Ron Weers Park) – Knop asked about muskrat control at City Lake. Knop. He was approached by an individual who stated that they spotted 12-15 muskrats during a recent morning walk around the lake. City Administrator Nathan Law said that the City will reach out to a local company to remove/manage the beaver/muskrat population at the Lake.
- Jack Kline (Forestry Manager) – Nothing to report
- Michael McClellan (Lewis-Young Park) – McClellan mentioned that there has been a lot of improvements done to the ballfields at L/Y. McClellan said he was pleased with the work and encouraged his fellow board members visit the park to look at the progress. McClellan asked what is next on the City's list to be done in L/Y Park. City Administrator Nathan Law stated that the gravel parking lots will be paved and the construction of a new pavilion near the soccer fields are the next items that will be done. Both projects should be completed by the end of 2022. In addition, new picnic tables will be placed in the park sometime this year. Law also mentioned that there are discussions occurring between different entities concerning the potential for new ballfields in L/Y Park. More details will be provided when they are available.

McClellan asked if additional lighting can be installed north of the concession stand along Melrose Street. He also requested lighting in the parking lot located south of Field A.

Wayne Knop asked what happened to the old lighting system that was on Field A after they were recently replaced. Administrator Law believes old lights maybe in the maintenance shop. Law said will confirm the location of the old lighting system.

- Diana Moore and/or Amy Buffington (Louisburg Rec Commission) – Moore said the soccer fields in L/Y Park look great. Baseball and softball practice begins next week.

Bob Bazin asked if the Wildcat Ang Fishing Club would be available to assist with this year's fishing derby. Moore said club members should be available but will confirm at their club meeting.

- City Administrator – City Administrator Nathan Law mentioned that most of the signs at the frisbee golf course are now up.

- City Council Member Donna Cook – Nothing to report.

Item 9: ADJOURNMENT:

Wayne Knop made a motion to adjourn the meeting. The motion was seconded by Jack Kline. The motion passed 5-0. The meeting concluded at 6:55pm.

Submitted by Rusty Whitham

Kansas Department of Wildlife, Parks and Tourism
Fisheries Division
2020 Progress and Management Report
Louisburg City Lake
Prepared by Lucas Kowalewski

History: During the mid- to late-1990's construction activities creating housing developments within the watershed directly adjacent to the lake took place. During this time, increased siltation occurred due to inadequate implementation of erosion control measures on the construction sites. The volume of the lake has been reduced, with the upper ends of both arms of the lake now extremely shallow and silted in. White bass, wiper, and saugeye were first sampled in the fall of 2002, likely the result of an unauthorized stocking of fish from Middle Creek State Fishing Lake. However, none of these species have been captured since 2007 and are likely extirpated from the waterbody. Continued stocking of channel catfish is recommended to maintain the population. Aerators were installed in 2019 as part of a CFAP grant to improve water quality and reduce filamentous algae. Increased water clarity was observed in 2020 and as a result, light penetration was able to reach greater depths, and curly-leaf pondweed, *Potamogeton crispus* was able to expand coverage in the waterbody due to increased photosynthesis. Curly-leaf pondweed is a cool season plant that grows aggressively in the spring and then goes into natural senescence during the warmer part of summer (water temperatures > 75 degrees F). Growth returns the following spring. Louisburg City Lake experienced a fish kill on June 19, 2020. Approximately 150-200 largemouth bass and bluegill were counted dead along with a few channel catfish. The fish kill likely occurred due to low oxygen conditions resulting from curly-leaf pondweed dying and decomposing. Subsequent fish population monitoring did not reveal any noticeable reductions in largemouth bass or bluegill populations from the fish kill.

Regulations

Species	Reach	Length Limit	Creel Limit	Slot Min Length	Slot Max Length	Slot Min Creel	Slot Max Creel
Channel Catfish	Special		5				
Largemouth Bass	Statewide		5	13	18		
Saugeye	Statewide	15	5				
White Crappie	Statewide		50				

Limnological Parameters

Parameter	Value
size_multipurpose_pool_acres	23.0
max_depth_ft	.
mean_depth_ft	.
mean_annual_precip_in	.
mean_annual_runoff_in	.
area_watershed_drainage_sq_mi	.
hydrologic_residence_time_days	.
Chlorophyll_a_ppb	.
Dsf	.
secchi_cm	.
shoreline_development_index	.
% Ag	.
% Forest	.
% Grass	.
% Urban	.
trophic_state_index	.

Community Fisheries Assistance Program (CFAP) Grants

Project Name	Fiscal Year	KDWP Share	Cooperator Share	Total Project Cost
City Lake Aeration Project	2019	\$18,537.00	\$6,179.00	\$24,716.00
		\$18,537.00	\$6,179.00	\$24,716.00

Management Objectives:

1. Establish a largemouth bass population with a catch rate of at least 75 stock-length or greater fish per hour of electrofishing, a PSD 40-70, RSD-P 10-40, RSD-M 1-10, and mean Wr's ≥ 90 .
2. Establish a bluegill population with a PSD of 20-40 and mean Wr's ≥ 90 .
3. Establish a crappie population (species combined) with a PSD ≥ 40 .
4. Establish a channel catfish population with a catch rate of at least 4 stock-length and greater fish per net night, a PSD ≥ 30 , and mean Wr's ≥ 90 .

Fish Sampling Summary

Gear	Date Sampled	# of Samples	Units of Effort
ELECTRO-SMITH ROOT,DC	05/06/2020	6	1.06
FRAME NET 1/2 MESH	10/02/2020	2	40.00
GILL NET-CORE PANEL	10/02/2020	3	60.00

Stocking Records and Requests from 2015 to 2021

Year Species	Size	No.Requested	No.Stocked	Total Lbs
2021 Channel Catfish	INT .	575	.	.
	Total	575	.	.
2020 Channel Catfish	INT 01SEP2020	575	577	156
	Total	575	577	156
2019 Channel Catfish	INT 18SEP2019	575	576	173
	Total	575	576	173
GRASS CARP TRIPLOID	INT 15AUG2019	25	25	15
	Total	25	25	15
2018 Channel Catfish	INT 29AUG2018	575	576	152
	Total	575	576	152
2017 Channel Catfish	INT 19SEP2017	575	575	153
	Total	575	575	153
2016 Channel Catfish	INT 12OCT2016	575	579	188
	Total	575	579	188
2015 Channel Catfish	INT 29SEP2015	575	576	136
	Total	575	576	136

Bluegill

Table 1. Catch per unit effort (CPUE), proportional stock distribution (PSD), relative weight (Wr), and relative standard error (RSE) estimates for Bluegill sampled during October by trapnets.

	2017	2020
Total Catch	26	45
Stock Catch	19	36
Units of Effort	2	2
Sub-Stock CPUE (RSE)	3.5 (71)	4.5 (78)
Stock CPUE (RSE)	9.5 (89)	18.0 (17)
Quality/Density CPUE (RSE)	8.5 (100)	13.5 (33)
Preferred CPUE (RSE)	0.5 (100)	1.5 (100)
Memorable/Lunker CPUE (RSE)	0.0 (.)	0.0 (.)
Total CPUE (RSE)	13.0 (46)	22.5 (2)
PSD S-Q	10.53	25
PSD Q-P	84.21	66.67
PSD P-M	5.26	8.33
PSD M-T	.	.
PSD	89.47	75
Mean WR S-Q (RSE)	117 (.)	103 (10)
Mean WR Q-P (RSE)	85 (2)	91 (2)
Mean WR P-M (RSE)	80 (.)	88 (3)
Mean WR M-T (RSE)	.(.)	.(.)
Mean WR T+ (RSE)	.(.)	.(.)

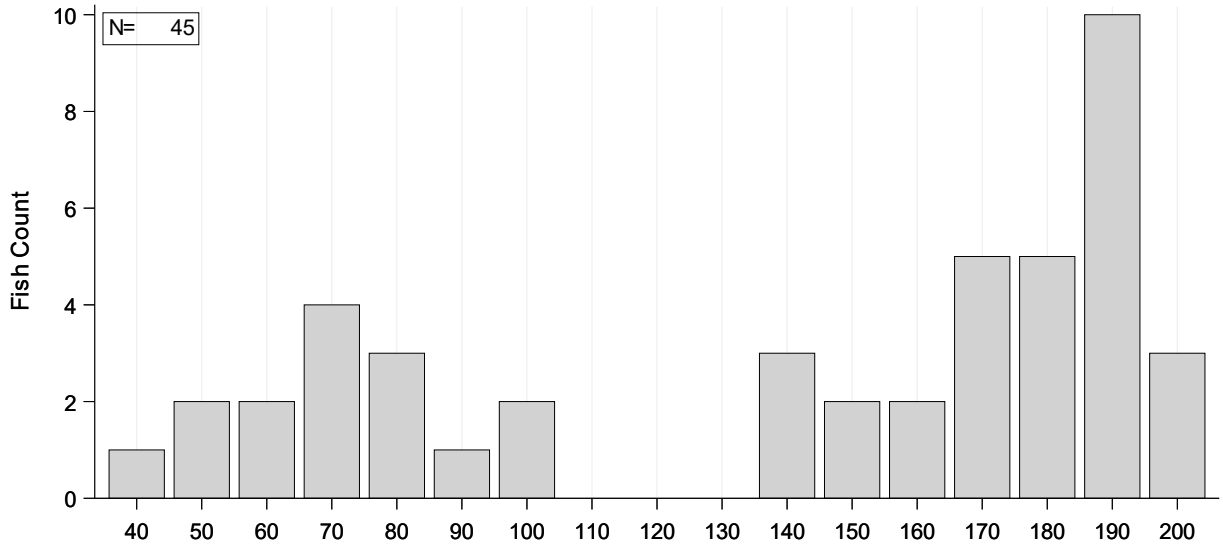


Figure 3. Length-frequency of Bluegill at Louisburg City Lake collected using trapnets on 10/02/2020.

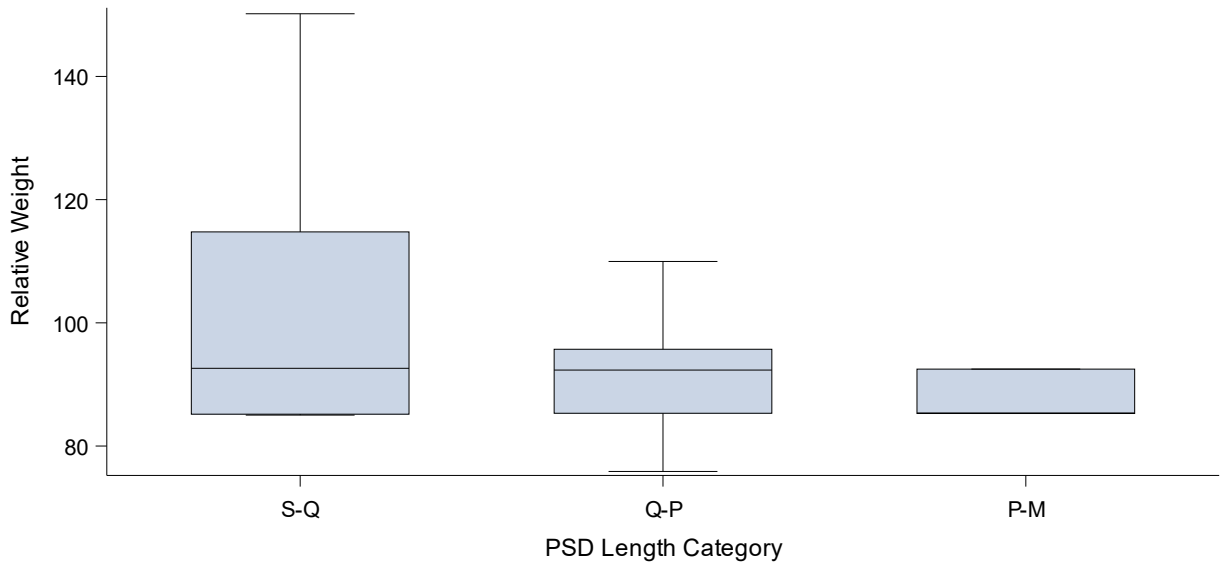


Figure 4. Maximum, 75th percentile, median, 25th percentile, and minimum relative weights of Bluegill, by PSD length category, at Louisburg City Lake collected using trapnets on 10/02/2020.

Analysis: Catch rate of stock-length bluegill increased from 10 fish/net night in 2017 to 18 fish/net night in 2020. Size structure metrics indicated that the bluegill population is skewed towards larger individuals (PSD = 75). Body condition metrics indicated average condition for all length categories except the P-M length category which was slightly below average (Figure 4 and Table 1).

The bluegill population did not meet the size structure management objective although the population is skewed towards larger individuals with most of the sampled bluegill exceeding > 160mm (6 inches) in length. It would be desired to see better abundance of smaller bluegill as they provide an important prey resource for the largemouth bass population. Louisburg City Lake has a high abundance largemouth bass population which likely controls bluegill abundance and size structure. Due to the size structure of the population being skewed toward larger individuals, good bluegill angling opportunities are expected for Louisburg City Lake in 2021.

Channel Catfish

Table 2. Catch per unit effort (CPUE), proportional stock distribution (PSD), relative weight (Wr), and relative standard error (RSE) estimates for Channel Catfish sampled during October by gillnets.

	2017	2020
Total Catch	10	10
Stock Catch	9	10
Units of Effort	3	3
Sub-Stock CPUE (RSE)	0.3 (100)	0.0 (.)
Stock CPUE (RSE)	3.0 (100)	3.3 (10)
Quality/Density CPUE (RSE)	2.7 (100)	1.0 (0)
Preferred CPUE (RSE)	0.7 (100)	0.0 (.)
Memorable/Lunker CPUE (RSE)	0.3 (100)	0.0 (.)
Total CPUE (RSE)	3.3 (100)	3.3 (10)
PSD S-Q	11.11	70
PSD Q-P	66.67	30
PSD P-M	11.11	.
PSD M-T	11.11	.
PSD	88.89	30
Mean WR S-Q (RSE)	88 (.)	84 (1)
Mean WR Q-P (RSE)	81 (2)	78 (1)
Mean WR P-M (RSE)	86 (.)	.(.)
Mean WR M-T (RSE)	85 (.)	.(.)
Mean WR T+ (RSE)	.(.)	.(.)

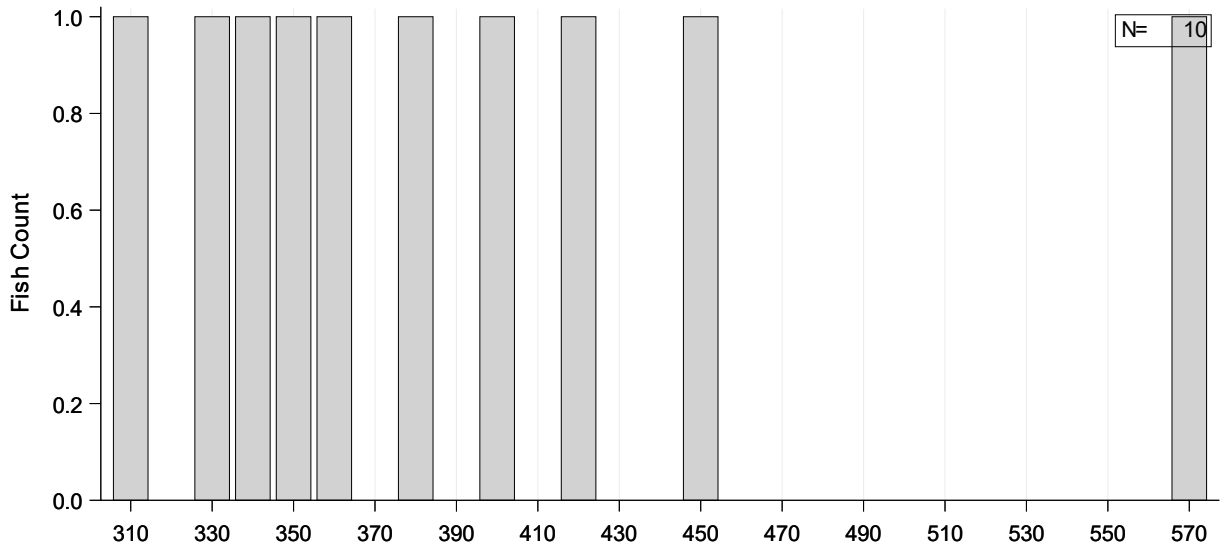


Figure 5. Length-frequency of Channel Catfish at Louisburg City Lake collected using gillnets on 10/02/2020.

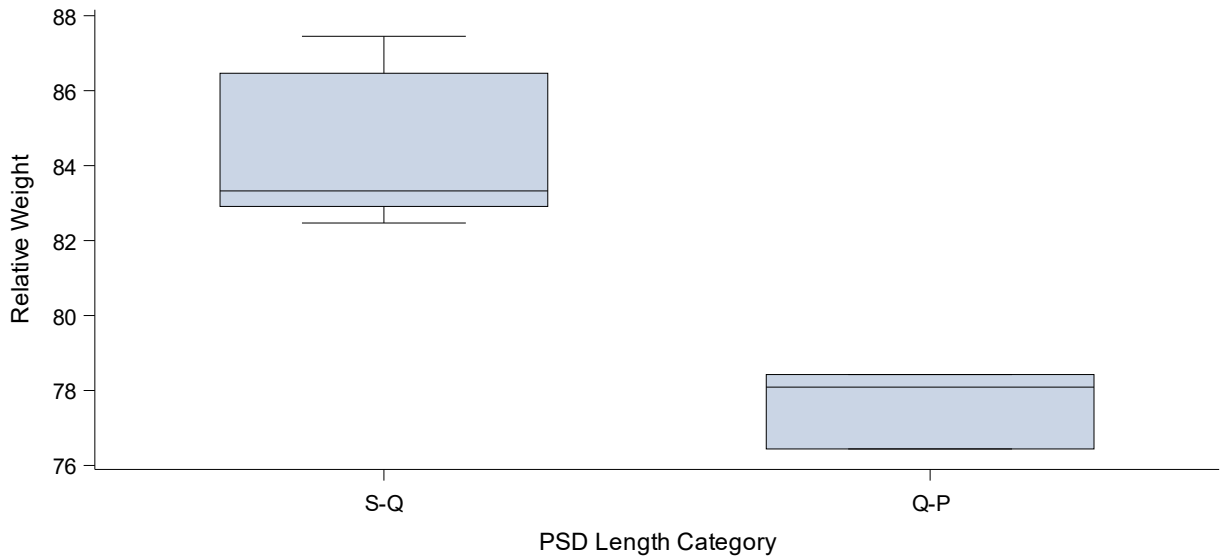


Figure 6. Maximum, 75th percentile, median, 25th percentile, and minimum relative weights of Channel Catfish, by PSD length category, at Louisburg City Lake collected using gillnets on 10/02/2020.

Analysis: Catch rate of stock-length channel catfish was the same as the previous sample and was 3 fish/net night in 2020. Size structure metrics indicated that the population is dominated by smaller individuals (PSD = 30), with the majority of sampled fish occurring in the 310-410mm (12-16 inches) length range. Body condition metrics indicated below average condition for all length categories (Figure 6 and Table 2).

The channel catfish population did not meet catch rate or body condition management objectives. The channel catfish creel limit was decreased from 10 fish/day to 5 fish/day in 2015. The channel catfish population should continue to be monitored to evaluate regulation and stocking regime. A few larger individuals will be available to anglers and fair channel catfish angling opportunities are expected at Louisburg City Lake in 2021.

Largemouth Bass

Table 3. Catch per unit effort (CPUE), proportional stock distribution (PSD), relative weight (Wr), and relative standard error (RSE) estimates for Largemouth Bass sampled during May by electrofishing.

	2017	2020
Total Catch	157	110
Stock Catch	141	56
Units of Effort	1.03	1.06
Sub-Stock CPUE (RSE)	15.5 (18)	50.8 (33)
Stock CPUE (RSE)	136.8 (9)	53.2 (18)
Quality/Density CPUE (RSE)	23.3 (23)	30.4 (19)
Preferred CPUE (RSE)	0.9 (100)	0.0 (.)
Memorable/Lunker CPUE (RSE)	0.0 (.)	0.0 (.)
Total CPUE (RSE)	152.3 (9)	104.0 (20)
PSD S-Q	82.98	42.86
PSD Q-P	16.31	57.14
PSD P-M	0.71	.
PSD M-T	.	.
PSD	17.02	57.14
Mean WR S-Q (RSE)	92 (1)	87 (1)
Mean WR Q-P (RSE)	87 (1)	88 (2)
Mean WR P-M (RSE)	95 (.)	.(.)
Mean WR M-T (RSE)	.(.)	.(.)
Mean WR T+ (RSE)	.(.)	.(.)

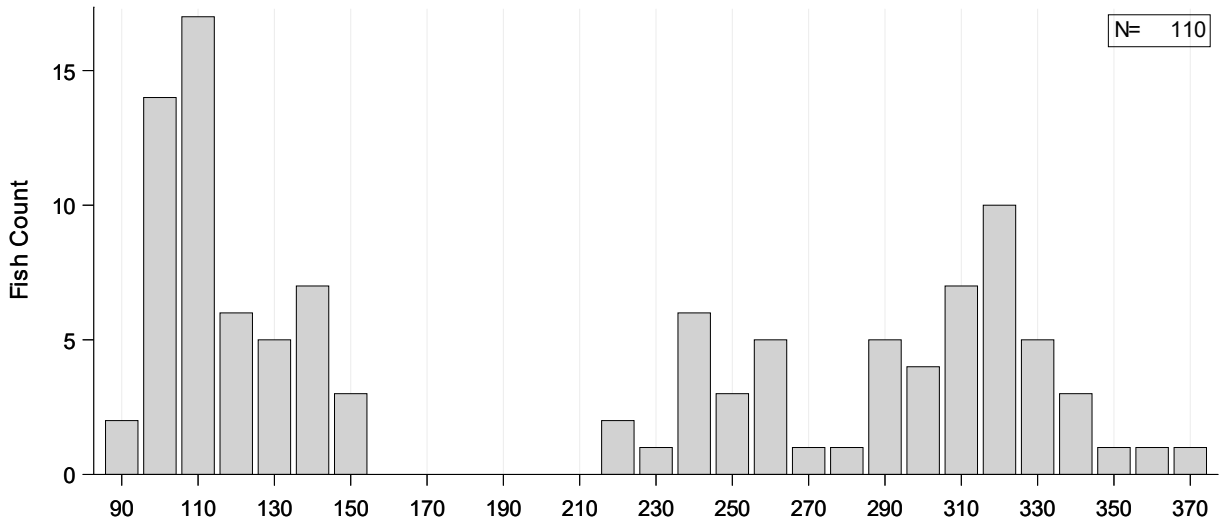


Figure 7. Length-frequency of Largemouth Bass at Louisburg City Lake collected using electrofishing on 05/06/2020.

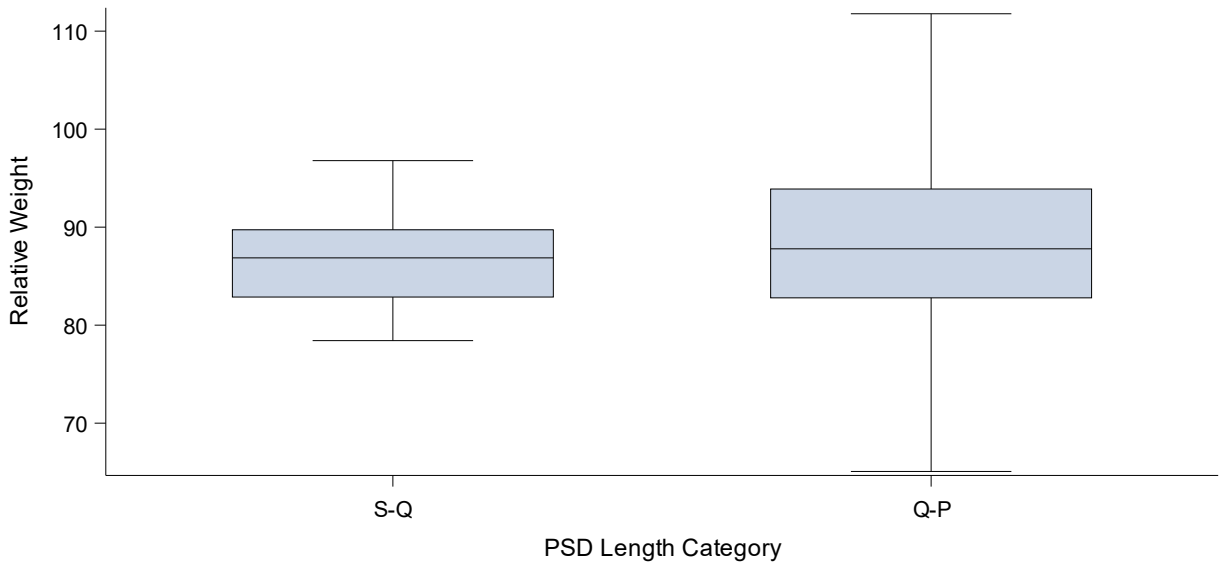


Figure 8. Maximum, 75th percentile, median, 25th percentile, and minimum relative weights of Largemouth Bass, by PSD length category, at Louisburg City Lake collected using electrofishing on 05/06/2020.

Analysis: Catch rate of stock-length largemouth bass decreased from 137 fish/hr of electrofishing in 2017, to 53 fish/hr of electrofishing in 2020. This catch rate is slightly misleading as catch rate of sub-stock largemouth bass (largemouth bass < 200mm, 8 inches) remained high at 51 fish/hr of electrofishing. While there were some fish sampled > 300mm (12 inches) most of the fish sampled were below < 300mm (12 inches). Body condition metrics were slightly below average for all length categories (Figure 8 and Table 3).

The largemouth bass population did not meet the catch rate or condition management objectives in 2020. It is desired to improve the size structure of the total population (sub-stock and stock size largemouth bass). Largemouth bass abundance is high at Louisburg City Lake and individual growth is hindered by competition for resources. A protected slot length limit (330-457mm; 13-18in) regulation was established in 2019 to encourage harvest of smaller fish < 330mm (13in) reducing abundance and potentially improving growth. While better size structure is desired there are still many opportunities for anglers to catch smaller largemouth bass at Louisburg City Lake and fair largemouth bass fishing is expected in 2020.

Pomoxis

Table 4. Catch per unit effort (CPUE), proportional stock distribution (PSD), relative weight (Wr), and relative standard error (RSE) estimates for Pomoxis sampled during October by trapnets.

	2017	2020
Total Catch	16	7
Stock Catch	16	7
Units of Effort	2	2
Sub-Stock CPUE (RSE)	0.0 (.)	0.0 (.)
Stock CPUE (RSE)	8.0 (13)	3.5 (14)
Quality/Density CPUE (RSE)	8.0 (13)	3.0 (0)
Preferred CPUE (RSE)	6.5 (8)	3.0 (0)
Memorable/Lunker CPUE (RSE)	0.5 (100)	1.0 (0)
Total CPUE (RSE)	8.0 (13)	3.5 (14)
PSD S-Q	.	14.29
PSD Q-P	18.75	.
PSD P-M	75	57.14
PSD M-T	6.25	28.57
PSD	100	85.71
Mean WR S-Q (RSE)	. (.)	156 (.)
Mean WR Q-P (RSE)	104 (3)	. (.)
Mean WR P-M (RSE)	100 (2)	101 (1)
Mean WR M-T (RSE)	88 (.)	102 (3)
Mean WR T+ (RSE)	. (.)	. (.)

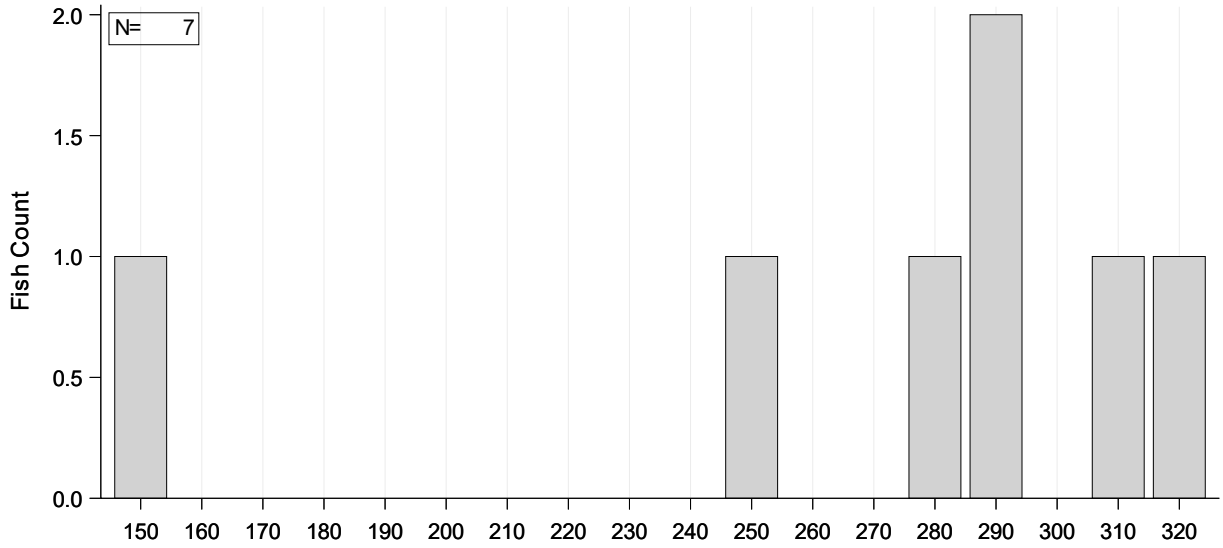


Figure 9. Length-frequency of Pomoxis at Louisburg City Lake collected using trapnets on 10/02/2020.

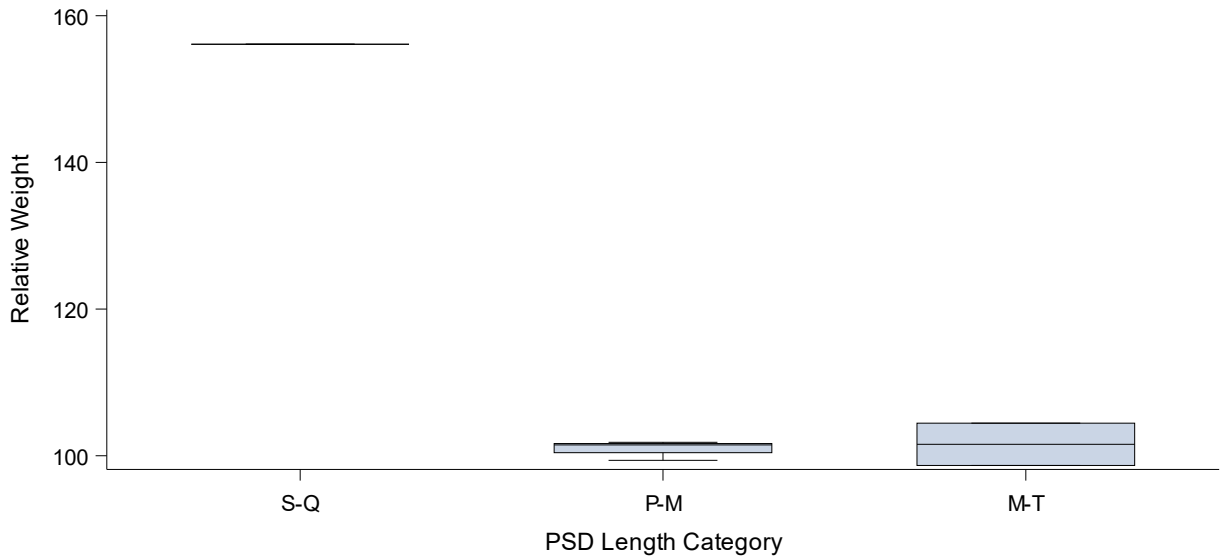


Figure 10. Maximum, 75th percentile, median, 25th percentile, and minimum relative weights of Pomoxis, by PSD length category, at Louisburg City Lake collected using trapnets on 10/02/2020.

Analysis: Only seven crappie (species combined) were sampled during fall netting in 2020. Due to the low sample size, interpretations of this population would be inappropriate, although 6 of the 7 crappie sampled exceeded 250mm (10 inches) in length. The crappie population (species combined) provides another sport fish opportunity for anglers at Louisburg City Lake. Currently predators and competitors have the crappie size structure in good condition. A limited number of good size crappie (>250mm; 10in) are available to anglers at Louisburg City Lake and fair crappie opportunities are expected in 2021.

Recommendations:

1. Continue standardized sampling to monitor fish populations.
2. Monitor largemouth bass population to evaluate effectiveness of protected slot limit (330-457mm; 13-18 inch) regulation to improve size structure.
3. Monitor channel catfish population and adjust stocking regime accordingly.
4. Monitor curly-leaf pondweed stand and advise on control measures when necessary.

To: Louisburg Park & Tree Board

From: City Staff

Date: May 7, 2021

Re: swings in park

At its February Park Board meeting, commission members stated their support to add a parent/tot swing and an inclusive swing to a City park. At that meeting commission members planned to inspect playground equipment at the April meeting. Jack Kline recommended holding off on a purchase until after the playgrounds were inspected in case equipment was found to be defective. Shortly before the April meeting, the swing at Lewis-Young Park failed. Staff reached out to two vendors to get pricing on swing sets that include 2 specialty swings and 2 standard swings.

AB Creative provides the Konnection, below left, and Freedom swings and would be on a single post swing set.



Playscapes provides the Refelction, below left, a parent/tot swing, and the Made 4 Me swing, a inclusive swing, on an arch swing set.



Financial:

AB Creative - \$5,200

Playscapes - \$6,182

Recommendation: Discuss if the failed swing should be replaced at Lewis-Young Park and if so, which swing option is preferred. Staff would then forward any recommendation to Council for consideration for purchase.