

Agenda

Huron-Clinton Metropolitan Authority

Board of Commission Meeting

August 10, 2023 – 12:30 p.m.

Lake St. Clair Metropark and via Zoom (for the public)

<https://us02web.zoom.us/j/85739678043?pwd=Vk4vcVoydjFabE9WWW5DcEJVam5BUT09>

Meeting ID: 857 3967 8043 / Passcode: 635122

Dial by your location: +1 646-931-3860 (US) / +1 301-715-8592 (Washington, D.C)

1. Call to Order
2. Chairman's Statement
3. Public Participation
4. Approval – July 13, 2023 Regular Meeting Minutes
5. Approval – August 10, 2023 Full Agenda

Consent Agenda

6. Approval – August 10, 2023 Consent Agenda

- A. Approval – July 2023 Financial Statements **pg. 10**
- B. Approval – July 2023 Appropriation Adjustments **pg. 67**
- C. Report – Major Maintenance **pg. 69**
- D. Report – Capital Project Fund **pg. 72**
- E. Purchases
 1. Report - Total spend and vendor locations report **pg. 75**
 2. Report - Purchases over \$10k/under \$25k report **pg. 77**
 3. Approval - Phragmites Control ITB Award **pg. 78**
 4. Approval – Electric Golf Cart Fleet - Willow **pg. 80**
- F. Department Updates
 1. Report – DEI Monthly Update **pg. 81**
 2. Report – Natural Resources Update **pg. 93**
 3. Report – Marketing Update **pg. 100**
 4. Report – Planning and Development Update **pg. 105**
 5. Report – Interpretive Services Update **pg. 125**
 6. Report – Engineering Dam Studies **pg. 142**

Regular Agenda

7. Reports

A. Administrative Department

1. Discussion – 2023 Board of Commissioners Retreat **pg. 148**
2. Report – Fund Balance Review
3. Approval – Climate Action Plan Presentation **pg. 156**

4. Report – DEI Spotlight
5. Report – GZA Presentation **pg. 216**
6. Approval – IT Service Management Software **pg. 229**
7. Closed Session – a closed session for the purpose of considering material exempt from discussion or disclosure by state or federal statute pursuant to section 8(h) of the open meetings act, MCL 15.268.

B. Financial Department

1. Report - Monthly Financial Report **pg. 235**

C. Planning & Development

1. Approval – Grant Agreement for Stony Creek Reflection Trail **pg. 248**
2. Approval – Grant Agreement for Delhi Canoe and Kayak Launch Renovation **pg. 249**

8. Public Participation
9. Other Business
10. Leadership Update
11. Commissioner Comments
12. Motion to Adjourn

The next regular Metroparks Board meeting will take place
Thursday, September 14, 2023 – 12:30 p.m.
[Lake Erie Metropark](#)

**Huron-Clinton Metropolitan Authority
Board of Commission Meeting Minutes
July 13, 2023**

A regular meeting of the Huron-Clinton Metropolitan Authority's Board of Commissioners was held on Thursday, July 13, 2023 at Hudson Mills.

Commissioners Present:

Jaye Quadrozzi
Bernard Parker
Robert W. Marans
John Paul Rea
Tiffany Taylor
William Bolin

Staff Officers Present:

Director
Deputy Director
Chief of Finance

Amy McMillan
Michael Lyons
Shedreka Miller

Absent:

Commissioner

Stephen Pontoni

Others:

Miller, Canfield, Paddock & Stone

Steve Mann

1. Call to Order

Commissioner Parker called the meeting to order at 12:36pm.

2. Chairman's Statement

Commissioner Parker thanked the Board of Commissioner members for electing him to the chair position. Commissioner Parker Thanked Commissioner Quadrozzi for the past couple of years of service.

3. Public Participation

None.

4. Approval – June 8, 2023 Closed Session and Regular Meeting Minutes

Motion by Commissioner Marans, support from Commissioner Rea that the Board of Commissioners approve the closed session and regular meeting minutes as submitted.

Motion carried unanimously.

5. Approval – July 13, 2023 Full Agenda

Motion by Commissioner Rea, support from Commissioner Quadrozzi that the Board of Commissioners approve the closed session and regular meeting minutes as submitted.

Motion carried unanimously.

Consent Agenda

6. Approval – July 13, 2023 Consent Agenda

Motion by Commissioner Marans, support from Commissioner Taylor that the Board of Commissioners approve the consent agenda as submitted.

Motion carried unanimously.

Regular Agenda

7. Reports

A. Administrative Department

1. Report – 2022 Audited Financials

Discussion: Plante Moran representatives, Kristen Hunt and Alissa Flury presented the HCMA 2022 Audited Financials.

Commissioner Parker stated Shedreka Miller and the entire Finance team did a fantastic job on the audit.

Commissioner Marans asked if the amount we funded to The Detroit Riverfront Conservancy is reflected in this audit. Amy stated the \$6 million is reflected, but the \$4 million donated this year in 2023 is not reflected.

Motion by Commissioner Marans, support from Commissioner Rea that the Board of Commissioners receive and file the 2022 Audited Financials as submitted.

Motion carried unanimously.

2. Report – Strategic Plan Update & Presentation

Discussion: Director McMillan introduced the Strategic Plan Update that spotlighted HCMA's partnership with the Detroit Public Schools Community District.

Chief of Interpretive Services, Jennifer Jaworski provided an update on the Supplemental Science Lessons there were held at the J R King Academic and Performing Arts Academy on a weekly basis for 4th, 5th, and 8th grade classes. The objective to the initiative was to create programming that provides positive and meaningful experiences for the students that will encourage further explanation of the natural world and the careers within it. The programming also included after school clubs at Riverside West Academy and Weston Charter Academy with 40 visits throughout the school year, totaling 817 engagement hours.

Chief of Marketing and Communications, Danielle Mauter presented on the Physical Education Field Trips throughout the parks.

Commissioner Parker stated that schools in Michigan are rated by test scores. Asked if there any possibility to test students and compare results to students that didn't attend the programming. Jennifer Jaworski stated that testing students wasn't the objective, rather creating the emotional connection and foundation. However, in discussions with the assist principal it was started that test scores did not increase, but the appreciation for science did increase.

Commissioner Marans asked if we have information reading participant information. Jennifer Jaworski answered the MOU we signed with DPSCD was clear that we are not allowed to collect any information or take away from any time the classroom.

Commissioner Rea thanked Jennifer and Danielle for their work. He stated it is incredibly refreshing to see the Metroparks are supplementing and normalizing these interactions. He stated it is imperative that we continue focus on this area and seeing how this will be foundational building blocks of the strategic plan.

A highlight video was debuted at the meeting and will run publicly.

3. Discussion – 2023 Board of Commissioners Retreat

Discussion: The Board of Commissioners discussed the logistics and agenda outline of the 2023 HCMA BOC Retreat. The retreat will be held on October 31, 2023. The Program committee will meet to define the agenda and will present at the August board meeting.

4. Approval – Labor Agreement POLC

Discussion: Miller Canfield representative, Ahmad Chehab presented the outcome of discussions with the Union POLC.

Motion by Commissioner Quadrozzi, support from Commissioner Rea that the Board of Commissioners approve the Labor Agreement POLC as submitted.

Motion carried unanimously.

5. Report – 2023 Legislative Family Day

Discussion: Executive Assistant, Micaela Vasquez presented a new event that will be taking place in Summer 2023 as part of HCMA's efforts to continue work on building relationships with our legislative representatives.

B. Financial Department

1. Report - Monthly Financial Report

Discussion: Chief of Finance, Shedreka Miller updated the Board of Commissioners on the monthly financial report.

Motion by Commissioner Rea, support from Commissioner Taylor that the Board of Commissioners receive and file the June Monthly Financial Report as submitted.

Motion carried unanimously.

C. Department Updates

1. Report – Natural Resources Update

Discussion: Chief of Natural Resources, Tyler Mitchell updated the Board of Commissioners on the Natural Resources department.

Motion by Commissioner Rea, support from Commissioner Taylor that the Board of Commissioners receive and file the Natural Resources Update as submitted.

Motion carried unanimously.

2. Report – Marketing Update

Discussion: Chief of Marketing and Communications, Danielle Mauter updated the Board of Commissioners on the Marketing department.

Commissioner Rea asked when we will have the program data available. Danielle stated we will have closer to end of summer.

Commissioner Taylor asked about the status of the social media ambassador program. Danielle stated the first meetup at Stony Creek has taken place, the topic for July is water focused. Overall the program is going really great.

Motion by Commissioner Rea, support from Commissioner Quadrozzi that the Board of Commissioners receive and file the Marketing Update as submitted.

Motion carried unanimously.

3. Report – Planning and Development Update

Discussion: Interim Chief of Planning & Development, Janet Briles, updated the Board of Commissioners on the Planning & Development department.

Motion by Commissioner Quadrozzi, support from Commissioner Marans that the Board of Commissioners receive and file the Planning & Development Update as submitted.

Motion carried unanimously.

4. Report – Interpretive Services Update

Discussion: Chief of Interpretive Services, Jennifer Jaworski updated the Board of Commissioners on the Interpretive Services department.

Motion by Commissioner Rea, support from Commissioner Taylor that the Board of Commissioners receive and file the Interpretive Services Update as submitted.

Motion carried unanimously.

5. Report – DEI Update

Discussion: Director McMillan stated Chief of Diversity, Equity & Inclusion, Artina Carter was out sick.

Motion by Commissioner Rea, support from Commissioner Taylor that the Board of Commissioners receive and file the DEI Update as submitted.

Motion carried unanimously.

D. Planning & Development

1. Report - NOAA Dam Removal Feasibility Study Presentation

Discussion: GEI representative, Janeen McDermott presented on the Flat Rock – Huron Dam Removal Feasibility Study. The project is funded by a grant through the Great Lakes Restoration Initiative.

Motion by Commissioner Rea, support from Commissioner Taylor that the Board of Commissioners receive and file the NOAA Dam Removal Feasibility Study Presentation as submitted.

Motion carried unanimously.

2. Approval – DNR Waterways Grant Agreement for Engineering for Lake St. Clair North Marina

Discussion: Interim Chief of Planning & Development, Janet Briles, provided a review of the DNR Waterways Grant Agreement for Engineering for Lake St. Clair North Marina.

Motion by Commissioner Marans, support from Commissioner Taylor that the Board of Commissioners approve the DNR Waterways Grant Agreement for Engineering for Lake St. Clair North Marina as submitted.

Motion carried unanimously.

3. Approval – Land & Water Conservation Grant Agreement for the Lake St. Clair West Boardwalk

Discussion: Interim Chief of Planning & Development, Janet Briles, provided a review of the Land & Water Conservation Grant Agreement for the Lake St. Clair West Boardwalk.

Motion by Commissioner Rea, support from Commissioner Marans that the Board of Commissioners approve the Land & Water Conservation Grant Agreement for the Lake St. Clair West Boardwalk as submitted.

Motion carried unanimously.

E. Engineering

1. Approval - Change Order Willow Big Bend Huron River Remediation and Habitat Restoration

Discussion: Chief of Engineering Services, Mike Henkel provided a review of the Change Order Willow Big Bend Huron River Remediation and Habitat Restoration project goals.

Motion by Commissioner Bolin, support from Commissioner Rea that the Board of Commissioners approve the Change Order Willow Big Bend Huron River Remediation and Habitat Restoration

Motion carried unanimously.

8. Public Participation

Toni Spears – Hudson Mills Volunteer, stated many great things were presented today. Congratulated HCMA on the DSPC program.

9. Other Business

None.

10. Leadership Update

Director McMillan stated the updates today reflect how well the projects align with our strategic plan and congratulated staff how well the work is being done and how it represents the organization.

Director McMillan commented on the engineering grant at the LSC Marina, engineering and planning and development. Thanked and congratulated the staff for all the work.

11. Commissioner Comments


Commissioner Parker commented on the \$5 million for LSC Marina and congratulated the staff.

12. Motion to Adjourn

Motion by Commissioner Marans, support from Commissioner Rea, that the Board of Commissioners adjourn the regular meeting.

The meeting adjourned at 2:20 pm.

Respectfully submitted,



Micaela Vasquez
Recording Secretary

HURON-CLINTON METROPOLITAN AUTHORITY
General Fund
Changes in Fund Balance

	Original 2023 Budget	Amended 2023 Budget	7/31/2023	Prior Year 07/31/2022	Difference	% Change	2023 Remaining Balance
Revenues							
Property taxes	\$ 36,508,782	\$ 36,757,302	\$ 36,757,302	\$ 34,797,213	\$ 1,960,089	5.63%	\$ -
Park operations	23,363,725	23,363,725	16,753,443	16,536,270	217,172	1.31%	6,610,282
Administrative Office operations	153,885	153,885	32,062	71,173	(39,111)	-54.95%	121,823
Grants	45,000	60,826	22,865	108,370	(85,505)	-78.90%	37,961
State Sources	639,000	639,000	24	1,215	(1,190)	-98.02%	638,976
Donations	6,610	6,610	48,561	84,669	(36,108)	-42.65%	(41,951)
Foundation Support	45,250	45,250	14,896	7,453	7,442	99.85%	30,354
Interest	100,000	100,000	351,194	14,646	336,547	2297.83%	(251,194)
Sale of capital assets	125,000	125,000	-	-	-	0.00%	125,000
Transfer In	-	66,526	66,526	191	66,335	34719.45%	-
Total revenues	60,987,252	61,318,124	54,046,872	51,621,201	2,425,672	4.70%	\$ 7,271,252
Expenditures							
Capital	1,176,500	4,350,516	1,133,848	447,339	686,509	153.47%	3,216,668
Major maintenance	4,248,952	5,083,945	1,799,946	534,651	1,265,295	236.66%	3,283,999
Park operations	39,944,452	39,930,671	20,808,064	19,924,017	884,048	4.44%	19,122,607
Administrative office	17,200,107	17,828,399	9,858,385	5,633,163	4,225,222	75.01%	7,970,014
Transfer Out	5,764,288	5,951,726	5,951,726	7,345,196	(1,393,470)	-18.97%	-
Total expenditures	68,334,299	73,145,256	39,551,969	33,884,365	5,667,604	16.73%	33,593,287
Net changes in fund balance	\$ (7,347,047)	\$ (11,827,132)	\$ 14,494,904	\$ 17,736,836	\$ (3,241,932)	-18.28%	
Fund balance, beginning of year	48,684,569	48,684,569					
Fund balance, end of year	\$ 41,337,522	\$ 36,857,437	63,179,473		\$ (4,480,085)	-10.84%	

General Fund Balance Sheet

Through 07/31/23
Summary Listing

Classification	Current YTD Balance	Prior Year YTD Total	Net Change	Change %
Fund Category Governmental Funds				
Fund Type General Fund				
Fund 10 - General Fund				
ASSETS				
<i>ASSETS</i>				
<i>CASH</i>				
Comerica Bank/Park Acct (LSC)	107,168.45	76,388.50	30,779.95	40.29
PNC Bank (KMP)	155,568.64	193,308.49	(37,739.85)	(19.52)
PNC Bank (W/LH)	132,292.41	107,428.13	24,864.28	23.15
PNC Bank (HM/IS)	108,057.59	97,711.39	10,346.20	10.59
Huntington Banks Of Mich (SC)	139,202.15	107,993.41	31,208.74	28.90
Comerica Bank/Park Acct (LE)	65,034.87	55,174.55	9,860.32	17.87
Comerica Bank/Operating	13,163,358.36	7,932,573.43	5,230,784.93	65.94
Petty Cash	3,250.00	3,250.00	.00	.00
Change Funds	68,950.00	67,950.00	1,000.00	1.47
Comerica Flexible Spending Account	28,983.25	29,307.78	(324.53)	(1.11)
<i>CASH Totals</i>	<u>\$13,971,865.72</u>	<u>\$8,671,085.68</u>	<u>\$5,300,780.04</u>	<u>61.13%</u>
<i>INVESTMENTS</i>				
Money Market	3,036,571.01	.00	3,036,571.01	+++
Bank of Ann Arbor/CD	3,023,104.51	3,002,334.92	20,769.59	.69
Flagstar Bank/C.D.	2,551,598.58	3,525,420.31	(973,821.73)	(27.62)
Michigan First Credit Union/C.D.	2,036,835.51	4,028,171.30	(1,991,335.79)	(49.44)
Public Service Credit Union	14,413.83	2,107,863.72	(2,093,449.89)	(99.32)
CIBC Bank/C.D.	997,714.81	2,981,381.51	(1,983,666.70)	(66.54)
1St Independ Natl Bk/C.D.	1,001,300.97	1,000,750.86	550.11	.05
Comerica Bank Govt Fund	7,383,985.89	7,152,727.75	231,258.14	3.23
Comerica-Business Money Market	2,323,994.77	1,293,571.95	1,030,422.82	79.66
Chelsea State Bank/CD	.00	1,001,253.82	(1,001,253.82)	(100.00)
Horizon Bank CD	4,432,684.60	1,900,174.52	2,532,510.08	133.28
Huron Valley Bank CD	3,511,226.46	3,504,265.55	6,960.91	.20
Liberty Bank CD	3,019,503.06	4,005,284.60	(985,781.54)	(24.61)
Horizon Bank Money Market	259,258.43	3,001,795.78	(2,742,537.35)	(91.36)
First Merchants Bank/CD	.00	500,000.00	(500,000.00)	(100.00)
U S TREASURY/AGENCIES	16,765,973.78	19,430,162.51	(2,664,188.73)	(13.71)
<i>INVESTMENTS Totals</i>	<u>\$50,358,166.21</u>	<u>\$58,435,159.10</u>	<u>(\$8,076,992.89)</u>	<u>(13.82%)</u>
<i>TAXES RECEIVABLE - COUNTIES</i>				
Livingston County	16,902.61	15,659.64	1,242.97	7.94
Macomb County	46,964.90	49,150.45	(2,185.55)	(4.45)

General Fund Balance Sheet

Through 07/31/23
Summary Listing

Classification	Current YTD Balance	Prior Year YTD Total	Net Change	Change %
Fund Category Governmental Funds				
Fund Type General Fund				
Fund 10 - General Fund				
ASSETS				
<i>ASSETS</i>				
<i>TAXES RECEIVABLE - COUNTIES</i>				
Oakland County	106,389.85	72,114.10	34,275.75	47.53
Washtenaw County	(26,296.62)	131,824.68	(158,121.30)	(119.95)
Wayne County	373,625.29	259,534.61	114,090.68	43.96
Next Year Tax Levy Recv All Counties	(.03)	(.03)	.00	.00
<i>TAXES RECEIVABLE - COUNTIES Totals</i>	<u>\$517,586.00</u>	<u>\$528,283.45</u>	<u>(\$10,697.45)</u>	<u>(2.02%)</u>
<i>OTHER ASSETS</i>				
Long Term Receivable	3,689,921.00	.00	3,689,921.00	+++
Accounts Receivable-Other	42,638.32	2,966.19	39,672.13	1,337.48
Due From Other Funds	201,620.03	390,893.67	(189,273.64)	(48.42)
Prepaid Expenditures	44,655.59	.02	44,655.57	223,277,850.00
Self Insurance Retention Deposit	868,952.81	519,279.93	349,672.88	67.34
Travel Advances	250.00	.00	250.00	+++
Warehouse Control	300,680.61	269,492.72	31,187.89	11.57
<i>OTHER ASSETS Totals</i>	<u>\$5,148,718.36</u>	<u>\$1,182,632.53</u>	<u>\$3,966,085.83</u>	<u>335.36%</u>
<i>ASSETS Totals</i>	<u>\$69,996,336.29</u>	<u>\$68,817,160.76</u>	<u>\$1,179,175.53</u>	<u>1.71%</u>
ASSETS TOTALS	<u>\$69,996,336.29</u>	<u>\$68,817,160.76</u>	<u>\$1,179,175.53</u>	<u>1.71%</u>
LIABILITIES AND FUND EQUITY				
LIABILITIES				
<i>LIABILITIES</i>				
<i>CURRENT LIABILITIES</i>				
Deferred Operating Revenue	124,561.42	125,021.69	(460.27)	(.37)
Current Liabilities	5,034.87	5,163.23	(128.36)	(2.49)
Vouchers Payable	(6,277.77)	(26,180.99)	19,903.22	76.02
Deposits Payable	35,804.00	28,900.00	6,904.00	23.89
Acc Payroll/Benefits Pay	(397,154.88)	2,014,231.63	(2,411,386.51)	(119.72)
Due To	.00	7,133.14	(7,133.14)	(100.00)
Federal Withhold Tax Pay	2.66	2.66	.00	.00
Union Dues Payable	315.00	310.00	5.00	1.61
Deferred Compensation Payable	(33.44)	(33.44)	.00	.00
HMCP Foundation	(1,650.00)	.00	(1,650.00)	+++
State Sales Tax Payable	22,638.49	19,586.19	3,052.30	15.58
Deferred Revenue	3,830,412.50	235,931.40	3,594,481.10	1,523.53

General Fund Balance Sheet

Through 07/31/23
Summary Listing

Classification	Current YTD Balance	Prior Year YTD Total	Net Change	Change %
Fund Category Governmental Funds				
Fund Type General Fund				
Fund 10 - General Fund				
LIABILITIES AND FUND EQUITY				
LIABILITIES				
<i>LIABILITIES</i>				
<i>CURRENT LIABILITIES</i>				
Flexible Spending Account-Dep Care W/H	7,332.73	7,019.21	313.52	4.47
Flexible Spending Account-Health W/H	1,101.25	1,739.30	(638.05)	(36.68)
Emp DC Pension Contribution Payable	14.10	14.10	.00	.00
Voluntary Dependent Life	2,649.70	2,812.30	(162.60)	(5.78)
<i>CURRENT LIABILITIES Totals</i>	<u>\$3,624,750.63</u>	<u>\$2,421,650.42</u>	<u>\$1,203,100.21</u>	<u>49.68%</u>
<i>LIABILITIES Totals</i>	<u>\$3,624,750.63</u>	<u>\$2,421,650.42</u>	<u>\$1,203,100.21</u>	<u>49.68%</u>
LIABILITIES TOTALS	<u>\$3,624,750.63</u>	<u>\$2,421,650.42</u>	<u>\$1,203,100.21</u>	<u>49.68%</u>
FUND EQUITY				
<i>FUND BALANCE</i>				
<i>NONSPENDABLE FUND BALANCE</i>				
Inventory	303,873.00	287,199.46	16,673.54	5.81
Prepaid	324,229.09	363,076.92	(38,847.83)	(10.70)
<i>NONSPENDABLE FUND BALANCE Totals</i>	<u>\$628,102.09</u>	<u>\$650,276.38</u>	<u>(\$22,174.29)</u>	<u>(3.41%)</u>
<i>RESTRICTED FUND BALANCE</i>				
Lake St. Clair Marina Grant Reserve	529,272.61	468,668.45	60,604.16	12.93
Hudson Mills Canoe Livery Reserve	40,458.97	34,457.92	6,001.05	17.42
<i>RESTRICTED FUND BALANCE Totals</i>	<u>\$569,731.58</u>	<u>\$503,126.37</u>	<u>\$66,605.21</u>	<u>13.24%</u>
<i>ASSIGNED FUND BALANCE</i>				
Compensated Balances	3,175,385.20	3,603,139.24	(427,754.04)	(11.87)
Planned Use of Fund Balance	12,447,000.00	10,628,000.00	1,819,000.00	17.12
<i>ASSIGNED FUND BALANCE Totals</i>	<u>\$15,622,385.20</u>	<u>\$14,231,139.24</u>	<u>\$1,391,245.96</u>	<u>9.78%</u>
<i>COMMITTED FUND BALANCE</i>				
Land	4,686,129.25	4,686,129.25	.00	.00
Encumbrances	4,294,334.00	1,189,865.00	3,104,469.00	260.91
Reserve For Restricted Funds	667,718.50	735,395.50	(67,677.00)	(9.20)
<i>COMMITTED FUND BALANCE Totals</i>	<u>\$9,648,181.75</u>	<u>\$6,611,389.75</u>	<u>\$3,036,792.00</u>	<u>45.93%</u>
<i>UNASSIGNED FUND BALANCE</i>				
Reserve Future Contingen.	22,190,273.84	26,662,742.72	(4,472,468.88)	(16.77)
<i>UNASSIGNED FUND BALANCE Totals</i>	<u>\$22,190,273.84</u>	<u>\$26,662,742.72</u>	<u>(\$4,472,468.88)</u>	<u>(16.77%)</u>
FUND BALANCE Totals	<u>\$48,658,674.46</u>	<u>\$48,658,674.46</u>	<u>\$0.00</u>	<u>0.00%</u>

General Fund Balance Sheet

Through 07/31/23
Summary Listing

Classification	Current YTD Balance	Prior Year YTD Total	Net Change	Change %
Fund Category Governmental Funds				
Fund Type General Fund				
Fund 10 - General Fund				
FUND EQUITY TOTALS Prior to Current Year Changes	\$48,658,674.46	\$48,658,674.46	\$0.00	0.00%
Prior Year Fund Equity Adjustment	(3,218,007.47)			
Fund Revenues	(54,046,872.31)			
Fund Expenses	39,551,968.58			
FUND EQUITY TOTALS	\$66,371,585.66	\$48,658,674.46	\$17,712,911.20	36.40%
LIABILITIES AND FUND EQUITY	\$69,996,336.29	\$51,080,324.88	\$18,916,011.41	37.03%
Fund 10 - General Fund Totals	\$0.00	\$17,736,835.88	(\$17,736,835.88)	(100.00%)
Fund Type General Fund Totals	\$0.00	\$17,736,835.88	(\$17,736,835.88)	(100.00%)
Fund Category Governmental Funds Totals	\$0.00	\$17,736,835.88	(\$17,736,835.88)	(100.00%)
Grand Totals	\$0.00	\$17,736,835.88	(\$17,736,835.88)	(100.00%)

General Fund Revenue Budget Performance

Fiscal Year to Date 07/31/23

Include Rollup Account and Rollup to Account

Account	Account Description	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 10 - General Fund								
Function 2 - Transfer								
REVENUE								
<i>Revenue</i>								
6000 Transfer In - Capital Project Fund								
6000.80	Transfer In - Capital Project Fund	66,526.04	73.06	.00	66,526.04	.00	100	191.06
	6000 - Transfer In - Capital Project Fund Totals	\$66,526.04	\$73.06	\$0.00	\$66,526.04	\$0.00	100%	\$191.06
	<i>Revenue Totals</i>	<i>\$66,526.04</i>	<i>\$73.06</i>	<i>\$0.00</i>	<i>\$66,526.04</i>	<i>\$0.00</i>	<i>100%</i>	<i>\$191.06</i>
	REVENUE TOTALS	\$66,526.04	\$73.06	\$0.00	\$66,526.04	\$0.00	100%	\$191.06
	Function 2 - Transfer Totals	\$66,526.04	\$73.06	\$0.00	\$66,526.04	\$0.00	100%	\$191.06
Function 8 - Operations								
REVENUE								
<i>Revenue</i>								
4300	Revenue-Self Operated	22,870,414.00	4,363,887.09	.00	16,491,417.38	6,378,996.62	72	16,276,995.25
4301	Revenue-Concessionaire	139,461.00	28,683.16	.00	56,270.54	83,190.46	40	48,776.86
4302	Non-taxable Food/Sundry sales	429,070.00	98,029.21	.00	283,370.81	145,699.19	66	285,687.37
4399	Contra Revenue	(75,220.00)	(23,999.00)	.00	(77,616.00)	2,396.00	103	(75,189.00)
4450	Donations	6,610.00	7,535.38	.00	48,442.97	(41,832.97)	733	84,408.82
4460	Foundation Support	45,250.00	2,002.47	.00	14,895.56	30,354.44	33	6,834.18
	<i>Revenue Totals</i>	<i>\$23,415,585.00</i>	<i>\$4,476,138.31</i>	<i>\$0.00</i>	<i>\$16,816,781.26</i>	<i>\$6,598,803.74</i>	<i>72%</i>	<i>\$16,627,513.48</i>
	REVENUE TOTALS	\$23,415,585.00	\$4,476,138.31	\$0.00	\$16,816,781.26	\$6,598,803.74	72%	\$16,627,513.48
	Function 8 - Operations Totals	\$23,415,585.00	\$4,476,138.31	\$0.00	\$16,816,781.26	\$6,598,803.74	72%	\$16,627,513.48
Function 9 - Administration								
REVENUE								
<i>Revenue</i>								
4200	Property Tax-Current	36,660,157.91	40,842.77	.00	36,660,157.91	.00	100	34,796,584.85
4210	Property Tax Prior	97,143.90	(2,638.53)	.00	97,143.90	.00	100	628.38
4300	Revenue-Self Operated	153,885.00	94.06	.00	32,062.08	121,822.92	21	71,172.89
4400	Grant Revenue	60,826.25	166.25	.00	22,865.25	37,961.00	38	108,370.00
4410	State Sources	639,000.00	.00	.00	24.09	638,975.91	0	1,214.50
4450	Donations	.00	.00	.00	118.00	(118.00)	+++	260.00
4460	Foundation Support	.00	.00	.00	.00	.00	+++	619.15
4500	Interest Income	100,000.00	56,564.66	.00	351,193.78	(251,193.78)	351	14,646.33
5000	Sale of Capital Assets	125,000.00	.00	.00	.00	125,000.00	0	.00
	<i>Revenue Totals</i>	<i>\$37,836,013.06</i>	<i>\$95,029.21</i>	<i>\$0.00</i>	<i>\$37,163,565.01</i>	<i>\$672,448.05</i>	<i>98%</i>	<i>\$34,993,496.10</i>
	REVENUE TOTALS	\$37,836,013.06	\$95,029.21	\$0.00	\$37,163,565.01	\$672,448.05	98%	\$34,993,496.10

General Fund Revenue Budget Performance

Fiscal Year to Date 07/31/23

Include Rollup Account and Rollup to Account

Account	Account Description	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 10 - General Fund								
	Function 9 - Administration Totals	\$37,836,013.06	\$95,029.21	\$0.00	\$37,163,565.01	\$672,448.05	98%	\$34,993,496.10
	Fund 10 - General Fund Totals	\$61,318,124.10	\$4,571,240.58	\$0.00	\$54,046,872.31	\$7,271,251.79		\$51,621,200.64
	Grand Totals	\$61,318,124.10	\$4,571,240.58	\$0.00	\$54,046,872.31	\$7,271,251.79		\$51,621,200.64

General Fund Revenue Budget by Organization

Through 07/31/23
 Prior Fiscal Year Activity Included
 Summary Listing

Organization	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 10 - General Fund							
REVENUE							
Function 2 - Transfer							
Location 100 - Administrative Office							
Activity 990 - General							
Category 70 - Other	66,526.04	73.06	.00	66,526.04	.00	100	191.06
Activity 990 - General Totals	\$66,526.04	\$73.06	\$0.00	\$66,526.04	\$0.00	100%	\$191.06
Location 100 - Administrative Office	\$66,526.04	\$73.06	\$0.00	\$66,526.04	\$0.00	100%	\$191.06
Function 2 - Transfer Totals	\$66,526.04	\$73.06	\$0.00	\$66,526.04	\$0.00	100%	\$191.06
Function 8 - Operations							
Location 100 - Administrative Office							
Activity 380 - Outside Lease/Rent							
Category 10 - Site Operations	212,323.00	13,822.45	.00	154,212.59	58,110.41	73	119,440.71
Activity 380 - Outside Lease/Rent Totals	\$212,323.00	\$13,822.45	\$0.00	\$154,212.59	\$58,110.41	73%	\$119,440.71
Activity 590 - Tolling							
Category 10 - Site Operations	615,150.00	13,416.00	.00	298,760.00	316,390.00	49	333,638.00
Activity 590 - Tolling Totals	\$615,150.00	\$13,416.00	\$0.00	\$298,760.00	\$316,390.00	49%	\$333,638.00
Activity 990 - General							
Category 30 - Sundry	.00	.00	.00	.00	.00	+++	1.50
Activity 990 - General Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++	\$1.50
Location 100 - Administrative Office	\$827,473.00	\$27,238.45	\$0.00	\$452,972.59	\$374,500.41	55%	\$453,080.21
Location 102 - Lake St. Clair							
Activity 531 - Pool							
Category 10 - Site Operations	240,000.00	110,989.62	.00	201,216.73	38,783.27	84	210,010.33
Category 20 - Food/Beverage	800.00	736.63	.00	1,225.62	(425.62)	153	509.77
Activity 531 - Pool Totals	\$240,800.00	\$111,726.25	\$0.00	\$202,442.35	\$38,357.65	84%	\$210,520.10
Activity 540 - Dockage/Boat Storage							
Category 10 - Site Operations	110,000.00	12,463.76	.00	96,331.67	13,668.33	88	90,024.30
Category 20 - Food/Beverage	3,500.00	1,894.88	.00	2,493.96	1,006.04	71	1,798.01
Category 30 - Sundry	300.00	137.71	.00	213.16	86.84	71	150.72
Activity 540 - Dockage/Boat Storage	\$113,800.00	\$14,496.35	\$0.00	\$99,038.79	\$14,761.21	87%	\$91,973.03
Activity 565 - Plaza Concession							
Category 10 - Site Operations	30,000.00	9,269.09	.00	15,585.33	14,414.67	52	5,563.05
Activity 565 - Plaza Concession Totals	\$30,000.00	\$9,269.09	\$0.00	\$15,585.33	\$14,414.67	52%	\$5,563.05
Activity 590 - Tolling							
Category 10 - Site Operations	2,044,970.00	380,733.00	.00	1,513,794.00	531,176.00	74	1,593,550.00
Activity 590 - Tolling Totals	\$2,044,970.00	\$380,733.00	\$0.00	\$1,513,794.00	\$531,176.00	74%	\$1,593,550.00

General Fund Revenue Budget by Organization

Through 07/31/23
Prior Fiscal Year Activity Included
Summary Listing

Organization	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 10 - General Fund							
REVENUE							
Function 8 - Operations							
Location 102 - Lake St. Clair							
Activity 630 - Activity Center Rental							
Category 10 - Site Operations	42,500.00	5,600.00	.00	56,225.00	(13,725.00)	132	107,420.00
Activity 630 - Activity Center Rental	\$42,500.00	\$5,600.00	\$0.00	\$56,225.00	(\$13,725.00)	132%	\$107,420.00
Activity 640 - Shelter Reservations							
Category 10 - Site Operations	75,250.00	10,300.00	.00	99,235.50	(23,985.50)	132	100,868.83
Activity 640 - Shelter Reservations	\$75,250.00	\$10,300.00	\$0.00	\$99,235.50	(\$23,985.50)	132%	\$100,868.83
Activity 655 - Par 3/Foot Golf							
Category 10 - Site Operations	55,900.00	15,604.54	.00	40,796.82	15,103.18	73	35,013.00
Category 20 - Food/Beverage	850.00	1,142.19	.00	1,233.29	(383.29)	145	476.69
Category 30 - Sundry	900.00	409.29	.00	1,552.64	(652.64)	173	846.75
Activity 655 - Par 3/Foot Golf Totals	\$57,650.00	\$17,156.02	\$0.00	\$43,582.75	\$14,067.25	76%	\$36,336.44
Activity 660 - Disc/Adventure Golf							
Category 10 - Site Operations	43,000.00	16,107.00	.00	34,179.79	8,820.21	79	31,349.50
Activity 660 - Disc/Adventure Golf	\$43,000.00	\$16,107.00	\$0.00	\$34,179.79	\$8,820.21	79%	\$31,349.50
Activity 670 - Trackless Train							
Category 10 - Site Operations	1,000.00	.00	.00	.00	1,000.00	0	718.00
Activity 670 - Trackless Train Totals	\$1,000.00	\$0.00	\$0.00	\$0.00	\$1,000.00	0%	\$718.00
Activity 700 - Special Events							
Category 10 - Site Operations	52,000.00	1,810.00	.00	8,105.00	43,895.00	16	12,296.93
Activity 700 - Special Events Totals	\$52,000.00	\$1,810.00	\$0.00	\$8,105.00	\$43,895.00	16%	\$12,296.93
Activity 880 - Interpretive Center/Mill							
Category 10 - Site Operations	16,432.00	3,761.99	.00	29,062.19	(12,630.19)	177	16,311.47
Category 30 - Sundry	1,724.00	187.67	.00	730.47	993.53	42	563.81
Activity 880 - Interpretive Center/Mill	\$18,156.00	\$3,949.66	\$0.00	\$29,792.66	(\$11,636.66)	164%	\$16,875.28
Activity 990 - General							
Category 10 - Site Operations	3,000.00	350.00	.00	10,320.32	(7,320.32)	344	21,461.88
Category 20 - Food/Beverage	.00	95.83	.00	140.46	(140.46)	+++	108.35
Category 70 - Other	1,000.00	40.52	.00	310.98	689.02	31	840.00
Activity 990 - General Totals	\$4,000.00	\$486.35	\$0.00	\$10,771.76	(\$6,771.76)	269%	\$22,410.23
Activity 991 - Joint Government Maint							
Category 10 - Site Operations	179,135.00	.00	.00	179,134.85	.15	100	179,135.00
Activity 991 - Joint Government Maint	\$179,135.00	\$0.00	\$0.00	\$179,134.85	\$0.15	100%	\$179,135.00
Location 102 - Lake St. Clair Totals	\$2,902,261.00	\$571,633.72	\$0.00	\$2,291,887.78	\$610,373.22	79%	\$2,409,016.39

General Fund Revenue Budget by Organization

Through 07/31/23
Prior Fiscal Year Activity Included
Summary Listing

Organization	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 10 - General Fund							
REVENUE							
Function 8 - Operations							
Location 104 - Kensington							
Activity 535 - Sprayzone							
Category 10 - Site Operations	270,850.00	103,146.00	.00	185,616.14	85,233.86	69	198,789.66
Category 20 - Food/Beverage	.00	54.41	.00	311.50	(311.50)	+++	.00
Category 30 - Sundry	3,000.00	1,152.45	.00	2,367.79	632.21	79	2,698.92
Activity 535 - Sprayzone Totals	\$273,850.00	\$104,352.86	\$0.00	\$188,295.43	\$85,554.57	69%	\$201,488.58
Activity 538 - Beach							
Category 20 - Food/Beverage	148,000.00	46,006.22	.00	91,598.45	56,401.55	62	104,549.79
Activity 538 - Beach Totals	\$148,000.00	\$46,006.22	\$0.00	\$91,598.45	\$56,401.55	62%	\$104,549.79
Activity 540 - Dockage/Boat Storage							
Category 10 - Site Operations	75,000.00	899.91	.00	71,433.25	3,566.75	95	75,161.55
Activity 540 - Dockage/Boat Storage Totals	\$75,000.00	\$899.91	\$0.00	\$71,433.25	\$3,566.75	95%	\$75,161.55
Activity 550 - Boat Rental							
Category 10 - Site Operations	226,715.00	60,542.07	.00	132,253.19	94,461.81	58	145,730.30
Category 20 - Food/Beverage	14,000.00	5,101.74	.00	12,753.33	1,246.67	91	10,915.64
Category 30 - Sundry	1,000.00	274.60	.00	634.12	365.88	63	621.85
Activity 550 - Boat Rental Totals	\$241,715.00	\$65,918.41	\$0.00	\$145,640.64	\$96,074.36	60%	\$157,267.79
Activity 560 - Excursion Boat							
Category 10 - Site Operations	41,200.00	10,482.00	.00	23,534.00	17,666.00	57	23,969.00
Activity 560 - Excursion Boat Totals	\$41,200.00	\$10,482.00	\$0.00	\$23,534.00	\$17,666.00	57%	\$23,969.00
Activity 580 - Cross Country Skiing							
Category 10 - Site Operations	12,212.00	.00	.00	7,536.00	4,676.00	62	16,644.00
Category 20 - Food/Beverage	450.00	.00	.00	65.10	384.90	14	9.90
Category 30 - Sundry	.00	.00	.00	3.78	(3.78)	+++	.00
Activity 580 - Cross Country Skiing Totals	\$12,662.00	\$0.00	\$0.00	\$7,604.88	\$5,057.12	60%	\$16,653.90
Activity 590 - Tolling							
Category 10 - Site Operations	3,029,495.00	427,310.00	.00	2,155,469.00	874,026.00	71	2,277,522.00
Activity 590 - Tolling Totals	\$3,029,495.00	\$427,310.00	\$0.00	\$2,155,469.00	\$874,026.00	71%	\$2,277,522.00
Activity 615 - Group Camping							
Category 10 - Site Operations	8,000.00	795.00	.00	4,410.00	3,590.00	55	5,565.00
Category 30 - Sundry	300.00	.00	.00	172.17	127.83	57	400.00
Activity 615 - Group Camping Totals	\$8,300.00	\$795.00	\$0.00	\$4,582.17	\$3,717.83	55%	\$5,965.00
Activity 635 - Mobile Stage							
Category 10 - Site Operations	3,000.00	(600.00)	.00	4,425.00	(1,425.00)	148	2,400.00
Activity 635 - Mobile Stage Totals	\$3,000.00	(\$600.00)	\$0.00	\$4,425.00	(\$1,425.00)	148%	\$2,400.00

General Fund Revenue Budget by Organization

Through 07/31/23
 Prior Fiscal Year Activity Included
 Summary Listing

Organization	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 10 - General Fund							
REVENUE							
Function 8 - Operations							
Location 104 - Kensington							
Activity 640 - Shelter Reservations							
Category 10 - Site Operations	103,500.00	13,362.50	.00	104,175.00	(675.00)	101	102,299.50
Activity 640 - Shelter Reservations	\$103,500.00	\$13,362.50	\$0.00	\$104,175.00	(\$675.00)	101%	\$102,299.50
Activity 650 - Golf Course							
Category 10 - Site Operations	1,007,000.00	220,557.73	.00	703,080.56	303,919.44	70	654,314.79
Category 20 - Food/Beverage	210,000.00	47,242.09	.00	150,579.54	59,420.46	72	133,504.73
Category 30 - Sundry	30,000.00	(5,844.87)	.00	21,353.05	8,646.95	71	20,993.27
Activity 650 - Golf Course Totals	\$1,247,000.00	\$261,954.95	\$0.00	\$875,013.15	\$371,986.85	70%	\$808,812.79
Activity 660 - Disc/Adventure Golf							
Category 10 - Site Operations	93,720.00	20,183.50	.00	65,883.50	27,836.50	70	65,452.00
Category 20 - Food/Beverage	1,000.00	.00	.00	.00	1,000.00	0	.00
Category 30 - Sundry	10,000.00	271.80	.00	975.30	9,024.70	10	5,023.47
Activity 660 - Disc/Adventure Golf	\$104,720.00	\$20,455.30	\$0.00	\$66,858.80	\$37,861.20	64%	\$70,475.47
Activity 700 - Special Events							
Category 10 - Site Operations	15,300.00	802.61	.00	20,362.60	(5,062.60)	133	15,260.00
Category 20 - Food/Beverage	1,000.00	.00	.00	5,143.86	(4,143.86)	514	2,094.67
Category 30 - Sundry	1,300.00	.00	.00	3,500.00	(2,200.00)	269	.00
Activity 700 - Special Events Totals	\$17,600.00	\$802.61	\$0.00	\$29,006.46	(\$11,406.46)	165%	\$17,354.67
Activity 880 - Interpretive Center/Mill							
Category 10 - Site Operations	17,870.00	244.00	.00	24,072.11	(6,202.11)	135	10,621.90
Category 20 - Food/Beverage	.00	.00	.00	.00	.00	+++	190.00
Category 30 - Sundry	6,000.00	80.65	.00	4,639.19	1,360.81	77	3,546.63
Activity 880 - Interpretive Center/Mill	\$23,870.00	\$324.65	\$0.00	\$28,711.30	(\$4,841.30)	120%	\$14,358.53
Activity 881 - Farm Learning Center							
Category 10 - Site Operations	92,240.00	1,883.34	.00	37,457.51	54,782.49	41	51,101.96
Category 20 - Food/Beverage	98,600.00	16,918.51	.00	53,538.55	45,061.45	54	60,752.50
Category 30 - Sundry	22,500.00	554.68	.00	11,341.74	11,158.26	50	12,454.11
Activity 881 - Farm Learning Center	\$213,340.00	\$19,356.53	\$0.00	\$102,337.80	\$111,002.20	48%	\$124,308.57
Activity 882 - Mobile Learning Center							
Category 10 - Site Operations	10,000.00	1,925.00	.00	16,080.25	(6,080.25)	161	10,205.00
Activity 882 - Mobile Learning Center	\$10,000.00	\$1,925.00	\$0.00	\$16,080.25	(\$6,080.25)	161%	\$10,205.00
Activity 990 - General							
Category 10 - Site Operations	15,000.00	6,150.00	.00	20,159.00	(5,159.00)	134	27,005.37
Category 20 - Food/Beverage	.00	64.52	.00	711.96	(711.96)	+++	2,587.32

General Fund Revenue Budget by Organization

Through 07/31/23
Prior Fiscal Year Activity Included
Summary Listing

Organization	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 10 - General Fund							
REVENUE							
Function 8 - Operations							
Location 104 - Kensington							
Activity 990 - General							
Category 30 - Sundry	.00	.00	.00	.00	.00	+++	18.87
Category 70 - Other	20,000.00	(48.00)	.00	112.00	19,888.00	1	10,711.47
Activity 990 - General Totals	\$35,000.00	\$6,166.52	\$0.00	\$20,982.96	\$14,017.04	60%	\$40,323.03
Activity 991 - Joint Government Maint							
Category 10 - Site Operations	3,300.00	.00	.00	.00	3,300.00	0	.00
Activity 991 - Joint Government Maint	\$3,300.00	\$0.00	\$0.00	\$0.00	\$3,300.00	0%	\$0.00
Location 104 - Kensington Totals	\$5,591,552.00	\$979,512.46	\$0.00	\$3,935,748.54	\$1,655,803.46	70%	\$4,053,115.17
Location 106 - Lower Huron/Will/Oakwoods							
Activity 531 - Pool							
Category 10 - Site Operations	80,000.00	28,183.80	.00	60,012.80	19,987.20	75	64,908.70
Category 20 - Food/Beverage	21,000.00	6,486.83	.00	14,431.71	6,568.29	69	13,719.93
Category 30 - Sundry	800.00	(2,477.71)	.00	836.68	(36.68)	105	792.55
Activity 531 - Pool Totals	\$101,800.00	\$32,192.92	\$0.00	\$75,281.19	\$26,518.81	74%	\$79,421.18
Activity 532 - Waterpark							
Category 10 - Site Operations	550,000.00	315,349.55	.00	391,202.55	158,797.45	71	326,604.62
Category 20 - Food/Beverage	32,000.00	23,087.48	.00	26,246.04	5,753.96	82	10,244.22
Category 30 - Sundry	6,500.00	1,374.37	.00	1,737.55	4,762.45	27	1,834.53
Activity 532 - Waterpark Totals	\$588,500.00	\$339,811.40	\$0.00	\$419,186.14	\$169,313.86	71%	\$338,683.37
Activity 550 - Boat Rental							
Category 10 - Site Operations	10,300.00	1,902.00	.00	3,702.65	6,597.35	36	3,844.12
Category 20 - Food/Beverage	150.00	48.29	.00	112.98	37.02	75	.00
Activity 550 - Boat Rental Totals	\$10,450.00	\$1,950.29	\$0.00	\$3,815.63	\$6,634.37	37%	\$3,844.12
Activity 590 - Tolling							
Category 10 - Site Operations	1,118,210.00	248,212.00	.00	751,115.00	367,095.00	67	749,510.00
Activity 590 - Tolling Totals	\$1,118,210.00	\$248,212.00	\$0.00	\$751,115.00	\$367,095.00	67%	\$749,510.00
Activity 610 - Family Camping							
Category 10 - Site Operations	40,500.00	10,575.00	.00	29,175.00	11,325.00	72	27,275.00
Category 30 - Sundry	2,700.00	851.40	.00	2,006.40	693.60	74	1,795.60
Activity 610 - Family Camping Totals	\$43,200.00	\$11,426.40	\$0.00	\$31,181.40	\$12,018.60	72%	\$29,070.60
Activity 615 - Group Camping							
Category 10 - Site Operations	2,400.00	320.00	.00	1,345.00	1,055.00	56	1,505.00
Category 30 - Sundry	100.00	.00	.00	70.74	29.26	71	23.58
Activity 615 - Group Camping Totals	\$2,500.00	\$320.00	\$0.00	\$1,415.74	\$1,084.26	57%	\$1,528.58

General Fund Revenue Budget by Organization

Through 07/31/23
Prior Fiscal Year Activity Included
Summary Listing

Organization	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 10 - General Fund							
REVENUE							
Function 8 - Operations							
Location 106 - Lower Huron/Will/Oakwoods							
Activity 640 - Shelter Reservations							
Category 10 - Site Operations	80,000.00	11,825.00	.00	88,400.00	(8,400.00)	110	82,650.00
Activity 640 - Shelter Reservations	\$80,000.00	\$11,825.00	\$0.00	\$88,400.00	(\$8,400.00)	110%	\$82,650.00
Activity 650 - Golf Course							
Category 10 - Site Operations	695,000.00	162,701.02	.00	535,392.87	159,607.13	77	436,683.06
Category 20 - Food/Beverage	150,000.00	35,181.19	.00	117,991.57	32,008.43	79	91,401.23
Category 30 - Sundry	16,250.00	3,574.51	.00	11,042.32	5,207.68	68	10,106.52
Activity 650 - Golf Course Totals	\$861,250.00	\$201,456.72	\$0.00	\$664,426.76	\$196,823.24	77%	\$538,190.81
Activity 660 - Disc/Adventure Golf							
Category 10 - Site Operations	5,000.00	315.00	.00	2,792.00	2,208.00	56	2,736.00
Activity 660 - Disc/Adventure Golf	\$5,000.00	\$315.00	\$0.00	\$2,792.00	\$2,208.00	56%	\$2,736.00
Activity 700 - Special Events							
Category 10 - Site Operations	2,100.00	1,698.00	.00	5,078.00	(2,978.00)	242	1,400.00
Category 20 - Food/Beverage	3,000.00	1,695.32	.00	2,059.57	940.43	69	2,960.45
Category 30 - Sundry	1,300.00	.00	.00	.00	1,300.00	0	.00
Activity 700 - Special Events Totals	\$6,400.00	\$3,393.32	\$0.00	\$7,137.57	(\$737.57)	112%	\$4,360.45
Activity 880 - Interpretive Center/Mill							
Category 10 - Site Operations	13,500.00	381.00	.00	10,082.65	3,417.35	75	7,088.00
Category 20 - Food/Beverage	150.00	.00	.00	22.84	127.16	15	.00
Category 30 - Sundry	1,000.00	144.27	.00	555.76	444.24	56	390.59
Activity 880 - Interpretive Center/Mill	\$14,650.00	\$525.27	\$0.00	\$10,661.25	\$3,988.75	73%	\$7,478.59
Activity 882 - Mobile Learning Center							
Category 10 - Site Operations	10,000.00	1,460.00	.00	9,797.25	202.75	98	9,225.00
Activity 882 - Mobile Learning Center	\$10,000.00	\$1,460.00	\$0.00	\$9,797.25	\$202.75	98%	\$9,225.00
Activity 884 - Community Outreach Interpretive							
Category 10 - Site Operations	.00	.00	.00	1,108.00	(1,108.00)	+++	832.00
Activity 884 - Community Outreach	\$0.00	\$0.00	\$0.00	\$1,108.00	(\$1,108.00)	+++	\$832.00
Activity 990 - General							
Category 10 - Site Operations	.00	5.00	.00	10.00	(10.00)	+++	5.00
Category 70 - Other	500.00	.00	.00	1,956.70	(1,456.70)	391	591.90
Activity 990 - General Totals	\$500.00	\$5.00	\$0.00	\$1,966.70	(\$1,466.70)	393%	\$596.90
Location 106 - Lower	\$2,842,460.00	\$852,893.32	\$0.00	\$2,068,284.63	\$774,175.37	73%	\$1,848,127.60

General Fund Revenue Budget by Organization

Through 07/31/23
Prior Fiscal Year Activity Included
Summary Listing

Organization	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 10 - General Fund							
REVENUE							
Function 8 - Operations							
Location 108 - Hudson Mills/Dexter/Delhi							
Activity 550 - Boat Rental							
Category 10 - Site Operations	70,000.00	15,177.82	.00	19,191.93	50,808.07	27	17,123.03
Activity 550 - Boat Rental Totals	\$70,000.00	\$15,177.82	\$0.00	\$19,191.93	\$50,808.07	27%	\$17,123.03
Activity 590 - Tolling							
Category 10 - Site Operations	630,640.00	76,741.00	.00	362,581.00	268,059.00	57	438,096.00
Activity 590 - Tolling Totals	\$630,640.00	\$76,741.00	\$0.00	\$362,581.00	\$268,059.00	57%	\$438,096.00
Activity 615 - Group Camping							
Category 10 - Site Operations	2,900.00	140.00	.00	1,610.00	1,290.00	56	1,665.00
Category 30 - Sundry	1,175.00	70.74	.00	636.66	538.34	54	730.99
Activity 615 - Group Camping Totals	\$4,075.00	\$210.74	\$0.00	\$2,246.66	\$1,828.34	55%	\$2,395.99
Activity 640 - Shelter Reservations							
Category 10 - Site Operations	31,000.00	2,500.00	.00	18,900.00	12,100.00	61	28,600.00
Activity 640 - Shelter Reservations	\$31,000.00	\$2,500.00	\$0.00	\$18,900.00	\$12,100.00	61%	\$28,600.00
Activity 650 - Golf Course							
Category 10 - Site Operations	642,000.00	142,733.39	.00	462,782.60	179,217.40	72	403,335.91
Category 20 - Food/Beverage	121,000.00	27,754.99	.00	88,075.05	32,924.95	73	72,929.84
Category 30 - Sundry	15,175.00	3,951.33	.00	12,480.12	2,694.88	82	10,039.94
Activity 650 - Golf Course Totals	\$778,175.00	\$174,439.71	\$0.00	\$563,337.77	\$214,837.23	72%	\$486,305.69
Activity 660 - Disc/Adventure Golf							
Category 10 - Site Operations	30,400.00	4,602.00	.00	20,611.00	9,789.00	68	18,976.00
Category 30 - Sundry	125.00	93.39	.00	186.78	(61.78)	149	38.67
Activity 660 - Disc/Adventure Golf	\$30,525.00	\$4,695.39	\$0.00	\$20,797.78	\$9,727.22	68%	\$19,014.67
Activity 700 - Special Events							
Category 10 - Site Operations	7,950.00	50.00	.00	5,204.00	2,746.00	65	4,777.00
Category 20 - Food/Beverage	600.00	.00	.00	.00	600.00	0	.00
Activity 700 - Special Events Totals	\$8,550.00	\$50.00	\$0.00	\$5,204.00	\$3,346.00	61%	\$4,777.00
Activity 880 - Interpretive Center/Mill							
Category 10 - Site Operations	13,420.00	1,000.00	.00	14,795.00	(1,375.00)	110	8,282.50
Category 30 - Sundry	3,249.00	.00	.00	3,351.00	(102.00)	103	3,420.30
Activity 880 - Interpretive Center/Mill	\$16,669.00	\$1,000.00	\$0.00	\$18,146.00	(\$1,477.00)	109%	\$11,702.80
Activity 990 - General							
Category 10 - Site Operations	3,300.00	585.00	.00	5,952.25	(2,652.25)	180	12,215.00
Category 20 - Food/Beverage	8,900.00	754.50	.00	5,683.74	3,216.26	64	6,840.29
Category 30 - Sundry	550.00	.00	.00	238.05	311.95	43	270.13

General Fund Revenue Budget by Organization

Through 07/31/23
 Prior Fiscal Year Activity Included
 Summary Listing

Organization	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 10 - General Fund							
REVENUE							
Function 8 - Operations							
Location 108 - Hudson Mills/Dexter/Delhi							
Activity 990 - General							
Category 70 - Other	4,850.00	.00	.00	1,120.00	3,730.00	23	1,162.55
Activity 990 - General Totals	\$17,600.00	\$1,339.50	\$0.00	\$12,994.04	\$4,605.96	74%	\$20,487.97
Activity 991 - Joint Government Maint							
Category 10 - Site Operations	3,500.00	.00	.00	.00	3,500.00	0	.00
Activity 991 - Joint Government Maint	\$3,500.00	\$0.00	\$0.00	\$0.00	\$3,500.00	0%	\$0.00
Location 108 - Hudson	\$1,590,734.00	\$276,154.16	\$0.00	\$1,023,399.18	\$567,334.82	64%	\$1,028,503.15
Location 109 - Stony Creek							
Activity 537 - Ripslide							
Category 10 - Site Operations	136,000.00	45,912.00	.00	80,116.00	55,884.00	59	91,010.00
Activity 537 - Ripslide Totals	\$136,000.00	\$45,912.00	\$0.00	\$80,116.00	\$55,884.00	59%	\$91,010.00
Activity 538 - Beach							
Category 10 - Site Operations	85,200.00	38,003.25	.00	67,988.75	17,211.25	80	56,919.83
Category 20 - Food/Beverage	110,000.00	52,015.76	.00	101,775.78	8,224.22	93	67,633.22
Category 30 - Sundry	30,000.00	5,036.07	.00	9,863.08	20,136.92	33	19,931.51
Activity 538 - Beach Totals	\$225,200.00	\$95,055.08	\$0.00	\$179,627.61	\$45,572.39	80%	\$144,484.56
Activity 540 - Dockage/Boat Storage							
Category 10 - Site Operations	50,200.00	.00	.00	40,500.00	9,700.00	81	39,529.00
Category 20 - Food/Beverage	.00	.00	.00	.00	.00	+++	9.00
Activity 540 - Dockage/Boat Storage	\$50,200.00	\$0.00	\$0.00	\$40,500.00	\$9,700.00	81%	\$39,538.00
Activity 550 - Boat Rental							
Category 10 - Site Operations	170,001.00	45,734.50	.00	98,187.77	71,813.23	58	120,559.05
Category 20 - Food/Beverage	7,001.00	2,094.26	.00	4,886.54	2,114.46	70	4,971.59
Category 30 - Sundry	2,000.00	324.27	.00	677.15	1,322.85	34	533.04
Activity 550 - Boat Rental Totals	\$179,002.00	\$48,153.03	\$0.00	\$103,751.46	\$75,250.54	58%	\$126,063.68
Activity 580 - Cross Country Skiing							
Category 10 - Site Operations	4,995.00	.00	.00	3,899.00	1,096.00	78	11,571.50
Category 20 - Food/Beverage	300.00	.00	.00	81.00	219.00	27	14.41
Activity 580 - Cross Country Skiing	\$5,295.00	\$0.00	\$0.00	\$3,980.00	\$1,315.00	75%	\$11,585.91
Activity 590 - Tolling							
Category 10 - Site Operations	2,629,997.00	386,994.00	.00	1,876,711.00	753,286.00	71	1,950,407.00
Activity 590 - Tolling Totals	\$2,629,997.00	\$386,994.00	\$0.00	\$1,876,711.00	\$753,286.00	71%	\$1,950,407.00
Activity 610 - Family Camping							
Category 10 - Site Operations	36,250.00	5,375.00	.00	33,124.30	3,125.70	91	27,833.44

General Fund Revenue Budget by Organization

Through 07/31/23
Prior Fiscal Year Activity Included
Summary Listing

Organization	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 10 - General Fund							
REVENUE							
Function 8 - Operations							
Location 109 - Stony Creek							
Activity 610 - Family Camping							
Category 20 - Food/Beverage	1,500.00	222.25	.00	570.50	929.50	38	774.00
Category 30 - Sundry	13,000.00	3,170.66	.00	6,153.47	6,846.53	47	6,073.36
Activity 610 - Family Camping Totals	\$50,750.00	\$8,767.91	\$0.00	\$39,848.27	\$10,901.73	79%	\$34,680.80
Activity 630 - Activity Center Rental							
Category 10 - Site Operations	.00	.00	.00	500.00	(500.00)	+++	.00
Activity 630 - Activity Center Rental	\$0.00	\$0.00	\$0.00	\$500.00	(\$500.00)	+++	\$0.00
Activity 635 - Mobile Stage							
Category 10 - Site Operations	1,200.00	600.00	.00	1,200.00	.00	100	600.00
Activity 635 - Mobile Stage Totals	\$1,200.00	\$600.00	\$0.00	\$1,200.00	\$0.00	100%	\$600.00
Activity 640 - Shelter Reservations							
Category 10 - Site Operations	107,250.00	13,477.50	.00	102,239.50	5,010.50	95	105,799.00
Activity 640 - Shelter Reservations	\$107,250.00	\$13,477.50	\$0.00	\$102,239.50	\$5,010.50	95%	\$105,799.00
Activity 650 - Golf Course							
Category 10 - Site Operations	1,075,000.00	228,408.35	.00	754,503.12	320,496.88	70	648,852.27
Category 20 - Food/Beverage	235,000.00	53,629.63	.00	171,640.11	63,359.89	73	156,130.46
Category 30 - Sundry	19,000.00	5,350.06	.00	18,204.62	795.38	96	12,908.42
Activity 650 - Golf Course Totals	\$1,329,000.00	\$287,388.04	\$0.00	\$944,347.85	\$384,652.15	71%	\$817,891.15
Activity 660 - Disc/Adventure Golf							
Category 10 - Site Operations	42,400.00	4,488.00	.00	20,930.00	21,470.00	49	31,286.00
Category 20 - Food/Beverage	4,000.00	417.50	.00	1,633.00	2,367.00	41	2,756.87
Category 30 - Sundry	500.00	273.96	.00	302.28	197.72	60	356.24
Activity 660 - Disc/Adventure Golf	\$46,900.00	\$5,179.46	\$0.00	\$22,865.28	\$24,034.72	49%	\$34,399.11
Activity 700 - Special Events							
Category 10 - Site Operations	7,800.00	10.00	.00	390.00	7,410.00	5	5,200.00
Category 20 - Food/Beverage	1,000.00	1,631.60	.00	2,041.76	(1,041.76)	204	.00
Category 30 - Sundry	1,300.00	.00	.00	.00	1,300.00	0	.00
Activity 700 - Special Events Totals	\$10,100.00	\$1,641.60	\$0.00	\$2,431.76	\$7,668.24	24%	\$5,200.00
Activity 880 - Interpretive Center/Mill							
Category 10 - Site Operations	21,155.00	1,156.00	.00	27,770.25	(6,615.25)	131	27,086.30
Category 30 - Sundry	1.00	.00	.00	.00	1.00	0	.00
Activity 880 - Interpretive Center/Mill	\$21,156.00	\$1,156.00	\$0.00	\$27,770.25	(\$6,614.25)	131%	\$27,086.30
Activity 882 - Mobile Learning Center							
Category 10 - Site Operations	10,500.00	1,787.50	.00	11,105.50	(605.50)	106 ^{25/259}	2,887.50

General Fund Revenue Budget by Organization

Through 07/31/23
Prior Fiscal Year Activity Included
Summary Listing

Organization	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 10 - General Fund							
REVENUE							
Function 8 - Operations							
Location 109 - Stony Creek							
Activity 882 - Mobile Learning Center	\$10,500.00	\$1,787.50	\$0.00	\$11,105.50	(\$605.50)	106%	\$2,887.50
Activity 990 - General							
Category 10 - Site Operations	32,250.00	4,661.00	.00	40,217.00	(7,967.00)	125	50,985.00
Category 20 - Food/Beverage	100.00	55.88	.00	71.38	28.62	71	17.08
Category 30 - Sundry	900.00	.00	.00	569.00	331.00	63	.00
Category 70 - Other	.00	.00	.00	18,318.45	(18,318.45)	+++	8,569.28
Activity 990 - General Totals	\$33,250.00	\$4,716.88	\$0.00	\$59,175.83	(\$25,925.83)	178%	\$59,571.36
Activity 991 - Joint Government Maint							
Category 10 - Site Operations	18,260.00	.00	.00	.00	18,260.00	0	18,260.00
Activity 991 - Joint Government Maint Totals	\$18,260.00	\$0.00	\$0.00	\$0.00	\$18,260.00	0%	\$18,260.00
Location 109 - Stony Creek Totals	\$4,854,060.00	\$900,829.00	\$0.00	\$3,496,170.31	\$1,357,889.69	72%	\$3,469,464.37
Location 112 - Lake Erie							
Activity 540 - Dockage/Boat Storage							
Category 10 - Site Operations	205,000.00	41,706.00	.00	144,829.00	60,171.00	71	142,017.00
Category 20 - Food/Beverage	2,800.00	731.35	.00	1,500.66	1,299.34	54	1,690.43
Category 30 - Sundry	500.00	.00	.00	.00	500.00	0	4.25
Activity 540 - Dockage/Boat Storage Totals	\$208,300.00	\$42,437.35	\$0.00	\$146,329.66	\$61,970.34	70%	\$143,711.68
Activity 590 - Tolling							
Category 10 - Site Operations	576,800.00	66,152.00	.00	420,919.00	155,881.00	73	436,063.00
Activity 590 - Tolling Totals	\$576,800.00	\$66,152.00	\$0.00	\$420,919.00	\$155,881.00	73%	\$436,063.00
Activity 640 - Shelter Reservations							
Category 10 - Site Operations	11,000.00	2,400.00	.00	11,150.00	(150.00)	101	9,100.00
Activity 640 - Shelter Reservations Totals	\$11,000.00	\$2,400.00	\$0.00	\$11,150.00	(\$150.00)	101%	\$9,100.00
Activity 650 - Golf Course							
Category 10 - Site Operations	680,000.00	155,521.95	.00	521,081.57	158,918.43	77	466,056.75
Category 20 - Food/Beverage	165,000.00	43,275.96	.00	139,578.62	25,421.38	85	108,855.37
Category 30 - Sundry	22,200.00	4,944.36	.00	16,319.04	5,880.96	74	15,530.67
Activity 650 - Golf Course Totals	\$867,200.00	\$203,742.27	\$0.00	\$676,979.23	\$190,220.77	78%	\$590,442.79
Activity 700 - Special Events							
Category 10 - Site Operations	.00	.00	.00	200.00	(200.00)	+++	.00
Category 20 - Food/Beverage	2,000.00	1,440.44	.00	1,440.44	559.56	72	1,409.54
Category 30 - Sundry	1,300.00	.00	.00	.00	1,300.00	0	.00
Activity 700 - Special Events Totals	\$3,300.00	\$1,440.44	\$0.00	\$1,640.44	\$1,659.56	50%	\$1,409.54

General Fund Revenue Budget by Organization

Through 07/31/23
Prior Fiscal Year Activity Included
Summary Listing

Organization	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 10 - General Fund							
REVENUE							
Function 8 - Operations							
Location 112 - Lake Erie							
Activity 880 - Interpretive Center/Mill							
Category 10 - Site Operations	14,400.00	587.50	.00	7,055.00	7,345.00	49	4,686.47
Category 20 - Food/Beverage	600.00	46.38	.00	94.23	505.77	16	49.93
Category 30 - Sundry	2,600.00	119.85	.00	569.76	2,030.24	22	1,452.73
Activity 880 - Interpretive Center/Mill	<u>\$17,600.00</u>	<u>\$753.73</u>	<u>\$0.00</u>	<u>\$7,718.99</u>	<u>\$9,881.01</u>	44%	<u>\$6,189.13</u>
Activity 990 - General							
Category 10 - Site Operations	400.00	.00	.00	6,755.37	(6,355.37)	1689	986.00
Category 20 - Food/Beverage	200.00	.00	.00	.00	200.00	0	.00
Category 70 - Other	800.00	.00	.00	140.00	660.00	18	2,014.66
Activity 990 - General Totals	<u>\$1,400.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$6,895.37</u>	<u>(\$5,495.37)</u>	493%	<u>\$3,000.66</u>
Location 112 - Lake Erie Totals	<u>\$1,685,600.00</u>	<u>\$316,925.79</u>	<u>\$0.00</u>	<u>\$1,271,632.69</u>	<u>\$413,967.31</u>	75%	<u>\$1,189,916.80</u>
Location 113 - Wolcott							
Activity 590 - Tolling							
Category 10 - Site Operations	42,215.00	3,722.00	.00	29,423.00	12,792.00	70	30,856.00
Activity 590 - Tolling Totals	<u>\$42,215.00</u>	<u>\$3,722.00</u>	<u>\$0.00</u>	<u>\$29,423.00</u>	<u>\$12,792.00</u>	70%	<u>\$30,856.00</u>
Activity 615 - Group Camping							
Category 10 - Site Operations	7,050.00	760.00	.00	4,140.00	2,910.00	59	4,640.00
Activity 615 - Group Camping Totals	<u>\$7,050.00</u>	<u>\$760.00</u>	<u>\$0.00</u>	<u>\$4,140.00</u>	<u>\$2,910.00</u>	59%	<u>\$4,640.00</u>
Activity 630 - Activity Center Rental							
Category 10 - Site Operations	17,500.00	2,500.00	.00	18,775.00	(1,275.00)	107	10,225.00
Activity 630 - Activity Center Rental	<u>\$17,500.00</u>	<u>\$2,500.00</u>	<u>\$0.00</u>	<u>\$18,775.00</u>	<u>(\$1,275.00)</u>	107%	<u>\$10,225.00</u>
Activity 640 - Shelter Reservations							
Category 10 - Site Operations	12,375.00	1,175.00	.00	6,362.50	6,012.50	51	17,585.00
Activity 640 - Shelter Reservations	<u>\$12,375.00</u>	<u>\$1,175.00</u>	<u>\$0.00</u>	<u>\$6,362.50</u>	<u>\$6,012.50</u>	51%	<u>\$17,585.00</u>
Activity 880 - Interpretive Center/Mill							
Category 10 - Site Operations	5,400.00	.00	.00	2,933.96	2,466.04	54	67.00
Category 30 - Sundry	850.00	.00	.00	.00	850.00	0	.00
Activity 880 - Interpretive Center/Mill	<u>\$6,250.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$2,933.96</u>	<u>\$3,316.04</u>	47%	<u>\$67.00</u>
Activity 881 - Farm Learning Center							
Category 10 - Site Operations	98,900.00	2,194.48	.00	44,802.88	54,097.12	45	33,373.26
Category 20 - Food/Beverage	1,000.00	60.50	.00	239.91	760.09	24	280.90
Category 30 - Sundry	2,000.00	67.27	.00	702.08	1,297.92	35	8,436.90
Activity 881 - Farm Learning Center	<u>\$101,900.00</u>	<u>\$2,322.25</u>	<u>\$0.00</u>	<u>\$45,744.87</u>	<u>\$56,155.13</u>	45%	<u>\$42,091.06</u>

General Fund Revenue Budget by Organization

Through 07/31/23
Prior Fiscal Year Activity Included
Summary Listing

Organization	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 10 - General Fund							
REVENUE							
Function 8 - Operations							
Location 113 - Wolcott							
Activity 990 - General							
Category 10 - Site Operations	1,600.00	.00	.00	800.00	800.00	50	1,055.00
Category 70 - Other	.00	.00	.00	.00	.00	+++	1.00
Activity 990 - General Totals	<u>\$1,600.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$800.00</u>	<u>\$800.00</u>	50%	<u>\$1,056.00</u>
Location 113 - Wolcott Totals	<u>\$188,890.00</u>	<u>\$10,479.25</u>	<u>\$0.00</u>	<u>\$108,179.33</u>	<u>\$80,710.67</u>	57%	<u>\$106,520.06</u>
Location 115 - Indian Springs							
Activity 590 - Tolling							
Category 10 - Site Operations	355,677.00	42,454.00	.00	264,975.00	90,702.00	74	280,035.00
Activity 590 - Tolling Totals	<u>\$355,677.00</u>	<u>\$42,454.00</u>	<u>\$0.00</u>	<u>\$264,975.00</u>	<u>\$90,702.00</u>	74%	<u>\$280,035.00</u>
Activity 630 - Activity Center Rental							
Category 10 - Site Operations	88,600.00	2,400.00	.00	118,100.00	(29,500.00)	133	162,550.00
Activity 630 - Activity Center Rental	<u>\$88,600.00</u>	<u>\$2,400.00</u>	<u>\$0.00</u>	<u>\$118,100.00</u>	<u>(\$29,500.00)</u>	133%	<u>\$162,550.00</u>
Activity 640 - Shelter Reservations							
Category 10 - Site Operations	13,340.00	1,075.00	.00	9,550.00	3,790.00	72	13,000.00
Activity 640 - Shelter Reservations	<u>\$13,340.00</u>	<u>\$1,075.00</u>	<u>\$0.00</u>	<u>\$9,550.00</u>	<u>\$3,790.00</u>	72%	<u>\$13,000.00</u>
Activity 650 - Golf Course							
Category 10 - Site Operations	926,723.00	189,265.50	.00	663,804.20	262,918.80	72	597,456.20
Category 20 - Food/Beverage	189,000.00	38,763.41	.00	140,198.81	48,801.19	74	132,255.40
Category 30 - Sundry	25,605.00	6,543.91	.00	22,349.84	3,255.16	87	21,007.78
Activity 650 - Golf Course Totals	<u>\$1,141,328.00</u>	<u>\$234,572.82</u>	<u>\$0.00</u>	<u>\$826,352.85</u>	<u>\$314,975.15</u>	72%	<u>\$750,719.38</u>
Activity 883 - Environmental Disc Center							
Category 10 - Site Operations	16,930.00	236.80	.00	13,498.30	3,431.70	80	8,594.00
Category 20 - Food/Beverage	35.00	17.73	.00	34.48	.52	99	11.00
Category 30 - Sundry	.00	.00	.00	.00	.00	+++	184.89
Activity 883 - Environmental Disc	<u>\$16,965.00</u>	<u>\$254.53</u>	<u>\$0.00</u>	<u>\$13,532.78</u>	<u>\$3,432.22</u>	80%	<u>\$8,789.89</u>
Activity 990 - General							
Category 20 - Food/Beverage	75.00	152.73	.00	171.23	(96.23)	228	16.25
Category 70 - Other	.00	.00	.00	558.29	(558.29)	+++	46.00
Activity 990 - General Totals	<u>\$75.00</u>	<u>\$152.73</u>	<u>\$0.00</u>	<u>\$729.52</u>	<u>(\$654.52)</u>	973%	<u>\$62.25</u>
Location 115 - Indian Springs Totals	<u>\$1,615,985.00</u>	<u>\$280,909.08</u>	<u>\$0.00</u>	<u>\$1,233,240.15</u>	<u>\$382,744.85</u>	76%	<u>\$1,215,156.52</u>
Location 116 - Huron Meadows							
Activity 580 - Cross Country Skiing							
Category 10 - Site Operations	58,650.00	.00	.00	31,694.00	26,956.00	54	60,827.00
Category 20 - Food/Beverage	3,300.00	.00	.00	2,473.95	826.05	75	3,428.74

General Fund Revenue Budget by Organization

Through 07/31/23
Prior Fiscal Year Activity Included
Summary Listing

Organization	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 10 - General Fund							
REVENUE							
Function 8 - Operations							
Location 116 - Huron Meadows							
Activity 580 - Cross Country Skiing							
Category 30 - Sundry	50.00	.00	.00	.00	50.00	0	.00
Activity 580 - Cross Country Skiing	\$62,000.00	\$0.00	\$0.00	\$34,167.95	\$27,832.05	55%	\$64,255.74
Activity 590 - Tolling							
Category 10 - Site Operations	80,750.00	1,304.00	.00	38,754.00	41,996.00	48	56,365.00
Activity 590 - Tolling Totals	\$80,750.00	\$1,304.00	\$0.00	\$38,754.00	\$41,996.00	48%	\$56,365.00
Activity 640 - Shelter Reservations							
Category 10 - Site Operations	10,000.00	1,200.00	.00	7,100.00	2,900.00	71	9,400.00
Activity 640 - Shelter Reservations	\$10,000.00	\$1,200.00	\$0.00	\$7,100.00	\$2,900.00	71%	\$9,400.00
Activity 650 - Golf Course							
Category 10 - Site Operations	986,400.00	212,741.24	.00	713,342.24	273,057.76	72	610,357.72
Category 20 - Food/Beverage	164,000.00	40,179.97	.00	129,682.57	34,317.43	79	104,468.74
Category 30 - Sundry	13,420.00	4,137.87	.00	12,219.30	1,200.70	91	9,716.01
Activity 650 - Golf Course Totals	\$1,163,820.00	\$257,059.08	\$0.00	\$855,244.11	\$308,575.89	73%	\$724,542.47
Activity 990 - General							
Category 70 - Other	.00	.00	.00	.00	.00	+++	50.00
Activity 990 - General Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++	\$50.00
Location 116 - Huron Meadows Totals	\$1,316,570.00	\$259,563.08	\$0.00	\$935,266.06	\$381,303.94	71%	\$854,613.21
Function 8 - Operations Totals	\$23,415,585.00	\$4,476,138.31	\$0.00	\$16,816,781.26	\$6,598,803.74	72%	\$16,627,513.48
Function 9 - Administration							
Location 100 - Administrative Office							
Activity 700 - Special Events							
Category 10 - Site Operations	.00	.00	.00	9,900.00	(9,900.00)	+++	.00
Activity 700 - Special Events Totals	\$0.00	\$0.00	\$0.00	\$9,900.00	(\$9,900.00)	+++	\$0.00
Activity 710 - Administrative							
Category 10 - Site Operations	885.00	.00	.00	.00	885.00	0	.00
Activity 710 - Administrative Totals	\$885.00	\$0.00	\$0.00	\$0.00	\$885.00	0%	\$0.00
Activity 880 - Interpretive Center/Mill							
Category 10 - Site Operations	.00	.00	.00	.00	.00	+++	323.36
Activity 880 - Interpretive Center/Mill	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++	\$323.36
Activity 990 - General							
Category 10 - Site Operations	.00	.00	.00	118.00	(118.00)	+++	260.00

General Fund Revenue Budget by Organization

Through 07/31/23
Prior Fiscal Year Activity Included
Summary Listing

Organization	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 10 - General Fund							
REVENUE							
Function 9 - Administration							
Location 100 - Administrative Office							
Activity 990 - General							
Category 70 - Other	37,835,128.06	95,029.21	.00	37,152,767.01	682,361.05	98	34,992,912.74
Activity 990 - General Totals	\$37,835,128.06	\$95,029.21	\$0.00	\$37,152,885.01	\$682,243.05	98%	\$34,993,172.74
Activity 991 - Joint Government Maint							
Category 10 - Site Operations	.00	.00	.00	780.00	(780.00)	+++	.00
Activity 991 - Joint Government Maint	\$0.00	\$0.00	\$0.00	\$780.00	(\$780.00)	+++	\$0.00
Location 100 - Administrative Office	\$37,836,013.06	\$95,029.21	\$0.00	\$37,163,565.01	\$672,448.05	98%	\$34,993,496.10
Function 9 - Administration Totals	\$37,836,013.06	\$95,029.21	\$0.00	\$37,163,565.01	\$672,448.05	98%	\$34,993,496.10
REVENUE TOTALS	\$61,318,124.10	\$4,571,240.58	\$0.00	\$54,046,872.31	\$7,271,251.79	88%	\$51,621,200.64
Fund 10 - General Fund Totals	\$61,318,124.10	\$4,571,240.58	\$0.00	\$54,046,872.31	\$7,271,251.79		\$51,621,200.64
Grand Totals	\$61,318,124.10	\$4,571,240.58	\$0.00	\$54,046,872.31	\$7,271,251.79		\$51,621,200.64

General Fund Expense Budget Performance

Fiscal Year to Date 07/31/23

Include Rollup Account and Rollup to Account

Account	Account Description	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 10 - General Fund								
Function 2 - Transfer								
EXPENSE								
<i>Expenditures</i>								
9965 Transfer Out - Capital Project Fund								
9965.80	Transfer Out - Capital Project Fund	5,951,726.00	.00	.00	5,951,726.00	.00	100	7,345,195.61
9965 - Transfer Out - Capital Project Fund Totals		\$5,951,726.00	\$0.00	\$0.00	\$5,951,726.00	\$0.00	100%	\$7,345,195.61
<i>Expenditures Totals</i>		\$5,951,726.00	\$0.00	\$0.00	\$5,951,726.00	\$0.00	100%	\$7,345,195.61
EXPENSE TOTALS		\$5,951,726.00	\$0.00	\$0.00	\$5,951,726.00	\$0.00	100%	\$7,345,195.61
Function 2 - Transfer Totals		(\$5,951,726.00)	\$0.00	\$0.00	(\$5,951,726.00)	\$0.00	100%	(\$7,345,195.61)
Function 5 - Capital								
EXPENSE								
<i>Contractual Services</i>								
9130	Tools/Equipment	4,350,515.72	70,895.78	2,823,448.32	1,133,847.57	393,219.83	91	447,338.74
<i>Contractual Services Totals</i>		\$4,350,515.72	\$70,895.78	\$2,823,448.32	\$1,133,847.57	\$393,219.83	91%	\$447,338.74
EXPENSE TOTALS		\$4,350,515.72	\$70,895.78	\$2,823,448.32	\$1,133,847.57	\$393,219.83	91%	\$447,338.74
Function 5 - Capital Totals		(\$4,350,515.72)	(\$70,895.78)	(\$2,823,448.32)	(\$1,133,847.57)	(\$393,219.83)	91%	(\$447,338.74)
Function 7 - Major Maintenance								
EXPENSE								
<i>Personnel Services</i>								
9010	Full Time Wages	116,116.52	7,159.49	.00	71,733.70	44,382.82	62	36,869.62
9013	FT Benefits Pd to Emps	8,262.00	516.36	.00	5,116.91	3,145.09	62	2,491.90
9014	FT Benefits Pd for Emps	52,258.48	3,247.91	.00	32,185.45	20,073.03	62	18,531.68
9020	Part Time Wages	.00	.00	.00	.00	.00	+++	386.56
9024	PT Benefits Pd for Emps	.00	.00	.00	.00	.00	+++	40.51
<i>Personnel Services Totals</i>		\$176,637.00	\$10,923.76	\$0.00	\$109,036.06	\$67,600.94	62%	\$58,320.27
<i>Contractual Services</i>								
9420	Outside Services	2,034,100.54	562,128.20	281,926.49	1,690,909.80	61,264.25	97	476,330.50
9990	Unallocated Budget	2,873,207.26	.00	.00	.00	2,873,207.26	0	.00
<i>Contractual Services Totals</i>		\$4,907,307.80	\$562,128.20	\$281,926.49	\$1,690,909.80	\$2,934,471.51	40%	\$476,330.50
EXPENSE TOTALS		\$5,083,944.80	\$573,051.96	\$281,926.49	\$1,799,945.86	\$3,002,072.45	41%	\$534,650.77
Function 7 - Major Maintenance Totals		(\$5,083,944.80)	(\$573,051.96)	(\$281,926.49)	(\$1,799,945.86)	(\$3,002,072.45)	41%	(\$534,650.77)
Function 8 - Operations								
EXPENSE								
<i>Personnel Services</i>								
9010	Full Time Wages	11,276,468.12	850,378.90	.00	5,827,999.48	5,448,468.64	52	5,619,245.86
9011	Full Time Overtime	357,253.00	114,076.39	.00	338,864.44	18,388.56	95	354,043.01
9013	FT Benefits Pd to Emps	1,029,933.16	78,353.61	.00	538,816.93	491,116.23	52	490,410.22

General Fund Expense Budget Performance

Fiscal Year to Date 07/31/23

Include Rollup Account and Rollup to Account

Account	Account Description	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 10 - General Fund								
Function 8 - Operations								
EXPENSE								
<i>Personnel Services</i>								
9014	FT Benefits Pd for Emps	6,508,175.80	492,846.60	.00	3,389,174.72	3,119,001.08	52	3,647,128.04
9020	Part Time Wages	8,784,601.00	1,168,759.22	.00	4,149,421.42	4,635,179.58	47	3,851,049.75
9021	Part Time Overtime	67,903.00	22,628.16	.00	42,115.67	25,787.33	62	36,330.92
9023	PT Benefits Pd to Emps	4,901.00	389.82	.00	2,290.44	2,610.56	47	1,787.15
9024	PT Benefits Pd for Emps	730,392.00	92,821.68	.00	357,974.41	372,417.59	49	352,961.46
<i>Personnel Services Totals</i>		\$28,759,627.08	\$2,820,254.38	\$0.00	\$14,646,657.51	\$14,112,969.57	51%	\$14,352,956.41
<i>Contractual Services</i>								
9110	Operating Supplies	1,832,442.97	201,637.41	43,337.04	1,150,341.80	638,764.13	65	974,879.81
9120	Maintenance Materials	.00	.00	.00	.00	.00	+++	16.69
9130	Tools/Equipment	742,768.38	25,192.38	77,871.80	368,738.17	296,158.41	60	293,827.08
9140	Chemicals	449,103.00	130,229.48	.00	383,331.07	65,771.93	85	359,053.82
9150	Equipment Fuel	474,423.00	68,751.08	.00	342,241.60	132,181.40	72	415,640.03
9160	Uniforms	113,179.00	8,122.82	107.00	50,964.38	62,107.62	45	38,896.36
9170	Resale Merchandise	766,030.00	122,420.33	47.95	678,513.84	87,468.21	89	583,550.81
9420	Outside Services	3,995,773.50	329,652.88	499,473.16	1,382,042.99	2,114,257.35	47	1,254,783.70
9430	Insurances	577,593.00	.00	.00	434,542.97	143,050.03	75	425,548.25
9440	Utilities	1,896,086.00	200,610.50	.00	1,216,774.24	679,311.76	64	1,113,062.87
9450	Rents/Leases	169,409.00	13,617.49	.00	72,897.40	96,511.60	43	70,155.01
9460	Postage/Shipping	3,620.00	135.22	.00	2,435.58	1,184.42	67	2,007.97
9510	Memberships	13,768.00	.00	.00	3,855.00	9,913.00	28	2,382.48
9520	Employee Development	136,798.00	6,134.20	.00	76,928.18	59,869.82	56	34,851.45
9910	Over/Under	(450.00)	628.33	.00	(2,200.54)	1,750.54	489	2,403.82
9945	Inventory Gain/Loss on Adjustment	500.00	.00	.00	.00	500.00	0	.00
<i>Contractual Services Totals</i>		\$11,171,043.85	\$1,107,132.12	\$620,836.95	\$6,161,406.68	\$4,388,800.22	61%	\$5,571,060.15
EXPENSE TOTALS		\$39,930,670.93	\$3,927,386.50	\$620,836.95	\$20,808,064.19	\$18,501,769.79	54%	\$19,924,016.56
Function 8 - Operations Totals		(\$39,930,670.93)	(\$3,927,386.50)	(\$620,836.95)	(\$20,808,064.19)	(\$18,501,769.79)	54%	(\$19,924,016.56)
Function 9 - Administration								
EXPENSE								
<i>Personnel Services</i>								
9010	Full Time Wages	4,888,070.00	356,925.65	.00	2,457,233.01	2,430,836.99	50	2,266,746.65
9011	Full Time Overtime	10,000.00	7,464.51	.00	22,170.61	(12,170.61)	222	29,397.64
9013	FT Benefits Pd to Emps	361,601.74	25,920.56	.00	174,069.61	187,532.13	48	156,012.46
9014	FT Benefits Pd for Emps	2,274,426.33	163,041.02	.00	1,094,902.30	1,179,524.03	48	1,160,248.06
9020	Part Time Wages	483,002.00	31,844.69	.00	184,702.48	298,299.52	38	185,391.02

General Fund Expense Budget Performance

Fiscal Year to Date 07/31/23

Include Rollup Account and Rollup to Account

Account	Account Description	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 10 - General Fund								
Function 9 - Administration								
EXPENSE								
<i>Personnel Services</i>								
9021	Part Time Overtime	200.00	202.50	.00	277.74	(77.74)	139	210.04
9024	PT Benefits Pd for Emps	37,204.00	2,155.34	.00	12,143.45	25,060.55	33	13,318.76
<i>Personnel Services Totals</i>		\$8,054,504.07	\$587,554.27	\$0.00	\$3,945,499.20	\$4,109,004.87	49%	\$3,811,324.63
<i>Contractual Services</i>								
9110	Operating Supplies	258,175.00	10,846.46	2,039.60	110,522.11	145,613.29	44	120,421.34
9130	Tools/Equipment	292,216.26	1,106.22	4,937.12	75,265.00	212,014.14	27	88,462.16
9140	Chemicals	4,200.00	.00	.00	339.00	3,861.00	8	.00
9150	Equipment Fuel	61,800.00	2,382.50	.00	11,345.29	50,454.71	18	7,935.18
9160	Uniforms	7,420.00	643.08	.00	2,378.30	5,041.70	32	931.76
9410	Professional Services	804,619.28	9,107.48	310,158.77	112,440.51	382,020.00	53	213,252.50
9420	Outside Services	7,813,277.89	164,948.26	606,581.97	5,310,307.05	1,896,388.87	76	1,153,188.14
9430	Insurances	162,260.00	.00	.00	129,325.32	32,934.68	80	110,820.55
9440	Utilities	201,524.00	11,538.95	23,202.57	104,648.98	73,672.45	63	88,532.88
9450	Rents/Leases	1,820.00	.00	.00	315.00	1,505.00	17	660.00
9460	Postage/Shipping	14,500.00	.00	.00	9,881.43	4,618.57	68	9,580.51
9499	Miscellaneous	10,250.00	.00	.00	3,600.00	6,650.00	35	2,212.50
9510	Memberships	30,366.00	1,935.00	.00	18,065.68	12,300.32	59	12,899.04
9520	Employee Development	111,466.00	1,445.31	4,200.00	24,452.27	82,813.73	26	12,968.16
9940	Inventory Variance	.00	(.37)	.00	(.18)	.18	+++	(26.27)
<i>Contractual Services Totals</i>		\$9,773,894.43	\$203,952.89	\$951,120.03	\$5,912,885.76	\$2,909,888.64	70%	\$1,821,838.45
EXPENSE TOTALS		\$17,828,398.50	\$791,507.16	\$951,120.03	\$9,858,384.96	\$7,018,893.51	61%	\$5,633,163.08
Function 9 - Administration Totals		(\$17,828,398.50)	(\$791,507.16)	(\$951,120.03)	(\$9,858,384.96)	(\$7,018,893.51)	61%	(\$5,633,163.08)
Fund 10 - General Fund Totals		\$73,145,255.95	\$5,362,841.40	\$4,677,331.79	\$39,551,968.58	\$28,915,955.58		\$33,884,364.76
Grand Totals		\$73,145,255.95	\$5,362,841.40	\$4,677,331.79	\$39,551,968.58	\$28,915,955.58		\$33,884,364.76

General Fund Expense Budget by Organization

Through 07/31/23
Prior Fiscal Year Activity Included
Summary Listing

Organization	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 10 - General Fund							
EXPENSE							
Function 2 - Transfer							
Location 100 - Administrative Office							
Activity 990 - General	5,951,726.00	.00	.00	5,951,726.00	.00	100	7,345,195.61
Location 100 - Administrative Office	\$5,951,726.00	\$0.00	\$0.00	\$5,951,726.00	\$0.00	100%	\$7,345,195.61
Function 2 - Transfer Totals	\$5,951,726.00	\$0.00	\$0.00	\$5,951,726.00	\$0.00	100%	\$7,345,195.61
Function 5 - Capital							
Location 100 - Administrative Office							
Activity 100 - Director/Deputy Dir Dept	89,354.00	.00	39,354.00	.00	50,000.00	44	.00
Activity 180 - Natural Resources	37,285.83	.00	121,578.00	34,798.55	(119,090.72)	419	.00
Activity 192 - Engineering	35,000.00	.00	.00	.00	35,000.00	0	.00
Location 100 - Administrative Office	\$161,639.83	\$0.00	\$160,932.00	\$34,798.55	(\$34,090.72)	121%	\$0.00
Location 102 - Lake St. Clair							
Activity 531 - Pool	6,045.00	.00	.00	6,071.00	(26.00)	100	.00
Activity 880 - Interpretive Center/Mill	11,062.77	.00	11,062.77	.00	.00	100	.00
Activity 990 - General	333,178.26	10,670.78	226,905.28	105,171.78	1,101.20	100	57,883.00
Location 102 - Lake St. Clair Totals	\$350,286.03	\$10,670.78	\$237,968.05	\$111,242.78	\$1,075.20	100%	\$57,883.00
Location 104 - Kensington							
Activity 650 - Golf Course	247,201.89	.00	189,078.09	53,929.94	4,193.86	98	19,660.00
Activity 881 - Farm Learning Center	38,691.36	.00	38,691.36	.00	.00	100	.00
Activity 990 - General	372,990.88	.00	157,203.69	215,787.19	.00	100	37,717.00
Location 104 - Kensington Totals	\$658,884.13	\$0.00	\$384,973.14	\$269,717.13	\$4,193.86	99%	\$57,377.00
Location 106 - Lower Huron/Will/Oakwoods							
Activity 650 - Golf Course	330,401.90	.00	330,401.90	.00	.00	100	5,991.17
Activity 730 - Police	158,910.00	.00	.00	121,410.00	37,500.00	76	33,884.00
Activity 990 - General	519,544.92	.00	270,797.66	178,679.67	70,067.59	87	.00
Location 106 - Lower	\$1,008,856.82	\$0.00	\$601,199.56	\$300,089.67	\$107,567.59	89%	\$39,875.17
Location 108 - Hudson Mills/Dexter/Delhi							
Activity 650 - Golf Course	200,838.33	.00	115,317.89	35,520.44	50,000.00	75	.00
Activity 730 - Police	40,470.00	.00	40,470.00	.00	.00	100	.00
Activity 990 - General	57,646.00	.00	.00	.00	57,646.00	0	.00
Location 108 - Hudson	\$298,954.33	\$0.00	\$155,787.89	\$35,520.44	\$107,646.00	64%	\$0.00
Location 109 - Stony Creek							
Activity 650 - Golf Course	107,856.00	.00	57,856.00	.00	50,000.00	54	.00
Activity 990 - General	492,560.85	60,225.00	79,214.26	261,301.93	152,044.66	69	69,175.40
Location 109 - Stony Creek Totals	\$600,416.85	\$60,225.00	\$137,070.26	\$261,301.93	\$202,044.66	66%	\$69,175.40

General Fund Expense Budget by Organization

Through 07/31/23
Prior Fiscal Year Activity Included
Summary Listing

Organization	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 10 - General Fund							
EXPENSE							
Function 5 - Capital							
Location 112 - Lake Erie							
Activity 650 - Golf Course	92,099.77	.00	65,984.07	23,935.50	2,180.20	98	.00
Activity 880 - Interpretive Center/Mill	30,573.36	.00	30,573.36	.00	.00	100	.00
Activity 990 - General	84,563.68	.00	84,563.68	.00	.00	100	163,403.17
Location 112 - Lake Erie Totals	\$207,236.81	\$0.00	\$181,121.11	\$23,935.50	\$2,180.20	99%	\$163,403.17
Location 113 - Wolcott							
Activity 630 - Activity Center Rental	42,218.00	.00	42,218.00	.00	.00	100	.00
Activity 881 - Farm Learning Center	.00	.00	.00	.00	.00	+++	14,060.00
Activity 990 - General	37,340.30	.00	12,361.36	23,290.29	1,688.65	95	.00
Location 113 - Wolcott Totals	\$79,558.30	\$0.00	\$54,579.36	\$23,290.29	\$1,688.65	98%	\$14,060.00
Location 115 - Indian Springs							
Activity 650 - Golf Course	798,786.14	.00	781,892.14	16,894.00	.00	100	.00
Location 115 - Indian Springs Totals	\$798,786.14	\$0.00	\$781,892.14	\$16,894.00	\$0.00	100%	\$0.00
Location 116 - Huron Meadows							
Activity 650 - Golf Course	93,925.81	.00	93,011.42	.00	914.39	99	.00
Activity 990 - General	91,970.67	.00	34,913.39	57,057.28	.00	100	45,565.00
Location 116 - Huron Meadows Totals	\$185,896.48	\$0.00	\$127,924.81	\$57,057.28	\$914.39	100%	\$45,565.00
Function 5 - Capital Totals	\$4,350,515.72	\$70,895.78	\$2,823,448.32	\$1,133,847.57	\$393,219.83	91%	\$447,338.74
Function 7 - Major Maintenance							
Location 100 - Administrative Office							
Activity 192 - Engineering	67,600.94	.00	.00	.00	67,600.94	0	.00
Activity 710 - Administrative	.00	.00	.00	.00	.00	+++	17,957.00
Location 100 - Administrative Office	\$67,600.94	\$0.00	\$0.00	\$0.00	\$67,600.94	0%	\$17,957.00
Location 102 - Lake St. Clair							
Activity 540 - Dockage/Boat Storage	2,411.72	.00	.00	2,411.72	.00	100	494.90
Activity 990 - General	735,990.95	.00	.00	366,919.95	369,071.00	50	138,698.60
Location 102 - Lake St. Clair Totals	\$738,402.67	\$0.00	\$0.00	\$369,331.67	\$369,071.00	50%	\$139,193.50
Location 104 - Kensington							
Activity 535 - Sprayzone	97,399.09	.00	.00	97,399.09	.00	100	.00
Activity 650 - Golf Course	60,360.50	.00	7,622.50	14,957.00	37,781.00	37	99,131.10
Activity 710 - Administrative	12,871.00	.00	.00	12,781.00	90.00	99	.00
Activity 990 - General	906,592.45	975.17	99,458.74	44,367.67	762,766.04	16	58,639.91
Location 104 - Kensington Totals	\$1,077,223.04	\$975.17	\$107,081.24	\$169,504.76	\$800,637.04	26%	\$157,771.01
Location 106 - Lower Huron/Will/Oakwoods							
Activity 532 - Waterpark	50,088.60	5,260.64	9,779.80	41,050.64	(741.84)	101	98,108.04

General Fund Expense Budget by Organization

Through 07/31/23
Prior Fiscal Year Activity Included
Summary Listing

Organization	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 10 - General Fund							
EXPENSE							
Function 7 - Major Maintenance							
Location 106 - Lower Huron/Will/Oakwoods							
Activity 590 - Tolling	57,511.70	.00	.00	75,305.94	(17,794.24)	131	.00
Activity 990 - General	1,003,162.60	530,639.21	.00	548,225.94	454,936.66	55	29,339.96
Location 106 - Lower	\$1,110,762.90	\$535,899.85	\$9,779.80	\$664,582.52	\$436,400.58	61%	\$127,448.00
Location 108 - Hudson Mills/Dexter/Delhi							
Activity 650 - Golf Course	87,216.04	1,462.72	78,625.00	8,591.04	.00	100	.00
Activity 710 - Administrative	19,682.00	.00	.00	19,681.50	.50	100	.00
Activity 990 - General	175,375.00	.00	.00	.00	175,375.00	0	.00
Location 108 - Hudson	\$282,273.04	\$1,462.72	\$78,625.00	\$28,272.54	\$175,375.50	38%	\$0.00
Location 109 - Stony Creek							
Activity 538 - Beach	32,315.88	.00	.00	32,315.88	.00	100	.00
Activity 650 - Golf Course	48,587.00	34,714.22	.00	42,052.02	6,534.98	87	27,250.00
Activity 990 - General	562,973.00	.00	64,260.45	71,287.40	427,425.15	24	340.82
Location 109 - Stony Creek Totals	\$643,875.88	\$34,714.22	\$64,260.45	\$145,655.30	\$433,960.13	33%	\$27,590.82
Location 112 - Lake Erie							
Activity 531 - Pool	137,477.43	.00	.00	159,039.93	(21,562.50)	116	2,778.06
Activity 650 - Golf Course	15,000.00	.00	12,680.00	.00	2,320.00	85	23,350.00
Activity 880 - Interpretive Center/Mill	.00	.00	.00	.00	.00	+++	1,695.25
Activity 990 - General	383,438.27	.00	.00	67,468.51	315,969.76	18	15,632.21
Location 112 - Lake Erie Totals	\$535,915.70	\$0.00	\$12,680.00	\$226,508.44	\$296,727.26	45%	\$43,455.52
Location 113 - Wolcott							
Activity 881 - Farm Learning Center	.00	.00	.00	.00	.00	+++	7,111.49
Activity 990 - General	140,800.00	.00	.00	.00	140,800.00	0	.00
Location 113 - Wolcott Totals	\$140,800.00	\$0.00	\$0.00	\$0.00	\$140,800.00	0%	\$7,111.49
Location 115 - Indian Springs							
Activity 650 - Golf Course	115,036.66	.00	9,500.00	105,536.66	.00	100	11,700.00
Activity 883 - Environmental Disc	.00	.00	.00	.00	.00	+++	2,347.07
Activity 990 - General	281,500.00	.00	.00	.00	281,500.00	0	.00
Location 115 - Indian Springs Totals	\$396,536.66	\$0.00	\$9,500.00	\$105,536.66	\$281,500.00	29%	\$14,047.07
Location 116 - Huron Meadows							
Activity 650 - Golf Course	90,553.97	.00	.00	90,553.97	.00	100	76.36
Location 116 - Huron Meadows Totals	\$90,553.97	\$0.00	\$0.00	\$90,553.97	\$0.00	100%	\$76.36
Function 7 - Major Maintenance Totals	\$5,083,944.80	\$573,051.96	\$281,926.49	\$1,799,945.86	\$3,002,072.45	41%	\$534,650.77

General Fund Expense Budget by Organization

Through 07/31/23
Prior Fiscal Year Activity Included
Summary Listing

Organization	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 10 - General Fund							
EXPENSE							
Function 8 - Operations							
Location 100 - Administrative Office							
Activity 380 - Outside Lease/Rent	34,000.00	24,942.25	.00	35,097.27	(1,097.27)	103	33,045.65
Activity 590 - Tolling	21,150.00	1,355.85	5,049.68	15,643.69	456.63	98	12,733.04
Activity 710 - Administrative	909,960.00	.00	.00	.00	909,960.00	0	.00
Activity 730 - Police	.00	.00	.00	7.46	(7.46)	+++	.00
Location 100 - Administrative Office	\$965,110.00	\$26,298.10	\$5,049.68	\$50,748.42	\$909,311.90	6%	\$45,778.69
Location 102 - Lake St. Clair							
Activity 180 - Natural Resources	34,952.00	12,165.17	.00	20,518.54	14,433.46	59	20,469.63
Activity 531 - Pool	345,284.24	81,955.10	8,350.00	162,454.41	174,479.83	49	172,773.84
Activity 535 - Sprayzone	15,107.00	667.28	.00	7,060.70	8,046.30	47	8,461.56
Activity 538 - Beach	20,657.00	1,673.09	5,348.00	8,157.36	7,151.64	65	5,134.91
Activity 540 - Dockage/Boat Storage	84,743.00	12,860.85	.00	39,319.32	45,423.68	46	30,038.30
Activity 565 - Plaza Concession	5,600.00	.00	.00	1,345.66	4,254.34	24	.00
Activity 590 - Tolling	140,391.00	15,630.42	4,921.50	73,815.43	61,654.07	56	60,044.76
Activity 630 - Activity Center Rental	54,033.00	3,289.03	.00	20,976.86	33,056.14	39	32,052.86
Activity 640 - Shelter Reservations	1,000.00	.00	.00	.00	1,000.00	0	43.30
Activity 655 - Par 3/Foot Golf	120,346.80	15,753.57	.00	55,248.16	65,098.64	46	59,814.93
Activity 660 - Disc/Adventure Golf	24,020.20	4,646.67	.00	10,240.74	13,779.46	43	10,634.09
Activity 670 - Trackless Train	40,326.00	8,534.21	.00	17,518.41	22,807.59	43	9,893.06
Activity 700 - Special Events	75,857.52	6,567.45	14,000.00	32,013.20	29,844.32	61	27,677.10
Activity 710 - Administrative	780,895.00	66,463.36	271.64	404,469.55	376,153.81	52	408,384.18
Activity 730 - Police	833,352.00	67,027.62	4,279.96	414,557.10	414,514.94	50	408,204.42
Activity 870 - Wildlife Management	25,200.00	1,742.00	8,710.00	8,068.00	8,422.00	67	10,818.00
Activity 880 - Interpretive Center/Mill	340,146.00	24,487.20	567.14	186,629.36	152,949.50	55	184,807.55
Activity 940 - Heart Lab-LSC	.00	.00	.00	.00	.00	+++	75.13
Activity 990 - General	1,864,183.17	194,153.81	13,118.28	1,027,222.08	823,842.81	56	992,714.94
Activity 991 - Joint Government Maint	68,439.00	6,925.73	.00	21,047.25	47,391.75	31	11,626.05
Location 102 - Lake St. Clair Totals	\$4,874,532.93	\$524,542.56	\$59,566.52	\$2,510,662.13	\$2,304,304.28	53%	\$2,453,668.61
Location 104 - Kensington							
Activity 180 - Natural Resources	164,718.00	4,117.37	38,000.00	115,118.46	11,599.54	93	104,181.99
Activity 535 - Sprayzone	185,048.00	37,165.69	.00	95,148.12	89,899.88	51	89,617.35
Activity 538 - Beach	247,358.00	38,756.68	399.64	117,049.15	129,909.21	47	118,408.54
Activity 540 - Dockage/Boat Storage	3,846.00	26.58	.00	1,664.44	2,181.56	43	2,516.94
Activity 550 - Boat Rental	167,854.00	26,589.10	271.64	79,992.30	87,590.06	48	71,921.78
Activity 560 - Excursion Boat	50,734.00	7,851.73	.00	16,617.44	34,116.56	33	16,589.91

General Fund Expense Budget by Organization

Through 07/31/23
Prior Fiscal Year Activity Included
Summary Listing

Organization	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 10 - General Fund							
EXPENSE							
Function 8 - Operations							
Location 104 - Kensington							
Activity 580 - Cross Country Skiing	27,592.00	1,282.90	.00	9,830.96	17,761.04	36	12,681.88
Activity 590 - Tolling	345,109.96	41,534.14	10,620.64	179,073.91	155,415.41	55	191,349.72
Activity 615 - Group Camping	775.00	.00	.00	50.00	725.00	6	61.98
Activity 635 - Mobile Stage	5,801.00	.00	.00	.00	5,801.00	0	212.50
Activity 650 - Golf Course	805,361.00	100,063.01	1,293.38	487,006.53	317,061.09	61	489,810.11
Activity 660 - Disc/Adventure Golf	86,704.96	13,743.12	.00	43,241.43	43,463.53	50	32,088.95
Activity 700 - Special Events	80,793.00	21,131.02	5,500.00	53,906.83	21,386.17	74	47,084.89
Activity 710 - Administrative	1,018,584.00	87,013.92	271.64	522,078.91	496,233.45	51	590,335.97
Activity 730 - Police	1,149,324.20	110,678.14	4,551.60	683,535.42	461,237.18	60	601,834.11
Activity 870 - Wildlife Management	46,526.00	7,347.26	7,475.00	38,441.65	609.35	99	28,597.30
Activity 880 - Interpretive Center/Mill	421,981.00	28,768.10	271.64	217,380.09	204,329.27	52	202,206.27
Activity 881 - Farm Learning Center	911,019.00	71,366.82	591.23	475,097.02	435,330.75	52	491,426.59
Activity 882 - Mobile Learning Center	209,167.00	15,034.71	.00	109,678.54	99,488.46	52	82,173.51
Activity 990 - General	2,248,478.00	190,826.67	48,543.28	1,328,939.71	870,995.01	61	1,329,977.84
Activity 991 - Joint Government Maint	31,806.00	250.32	.00	1,674.63	30,131.37	5	1,316.90
Location 104 - Kensington Totals	\$8,208,580.12	\$803,547.28	\$117,789.69	\$4,575,525.54	\$3,515,264.89	57%	\$4,504,395.03
Location 106 - Lower Huron/Will/Oakwoods							
Activity 180 - Natural Resources	154,582.00	41,032.69	44,058.00	65,759.56	44,764.44	71	25,238.45
Activity 531 - Pool	251,761.00	59,549.79	814.92	184,565.01	66,381.07	74	187,872.80
Activity 532 - Waterpark	870,770.00	210,234.51	543.28	403,337.51	466,889.21	46	329,101.43
Activity 550 - Boat Rental	10,226.00	863.78	.00	3,704.81	6,521.19	36	3,634.53
Activity 580 - Cross Country Skiing	.00	.00	.00	.00	.00	+++	44.28
Activity 590 - Tolling	277,794.00	37,952.73	2,890.66	129,214.01	145,689.33	48	132,184.99
Activity 610 - Family Camping	8,808.00	537.67	.00	3,221.99	5,586.01	37	1,924.29
Activity 615 - Group Camping	330.00	.00	.00	178.00	152.00	54	.00
Activity 650 - Golf Course	689,442.00	88,774.59	1,006.72	377,616.58	310,818.70	55	317,756.91
Activity 660 - Disc/Adventure Golf	6,300.00	.00	.00	.00	6,300.00	0	7,220.31
Activity 700 - Special Events	99,383.00	14,397.75	371.00	27,914.02	71,097.98	28	43,139.41
Activity 710 - Administrative	881,364.00	76,217.26	543.28	456,732.44	424,088.28	52	433,353.26
Activity 730 - Police	997,692.00	79,451.81	39,619.96	480,708.80	477,363.24	52	427,807.73
Activity 870 - Wildlife Management	28,444.00	600.00	.00	16,681.38	11,762.62	59	24,444.30
Activity 880 - Interpretive Center/Mill	324,377.00	19,169.65	693.08	154,846.04	168,837.88	48	191,424.77
Activity 882 - Mobile Learning Center	201,941.00	13,586.07	258.04	100,171.51	101,511.45	50	135,564.93
Activity 884 - Community Outreach	373,513.00	14,795.63	4,039.00	129,867.39	239,606.61	36	56,361.61

General Fund Expense Budget by Organization

Through 07/31/23
 Prior Fiscal Year Activity Included
 Summary Listing

Organization	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 10 - General Fund							
EXPENSE							
Function 8 - Operations							
Location 106 - Lower Huron/Will/Oakwoods							
Activity 990 - General	2,283,230.00	186,402.40	9,248.43	1,249,867.63	1,024,113.94	55	1,245,587.95
Location 106 - Lower	\$7,459,957.00	\$843,566.33	\$104,086.37	\$3,784,386.68	\$3,571,483.95	52%	\$3,562,661.95
Location 108 - Hudson Mills/Dexter/Delhi							
Activity 180 - Natural Resources	79,204.00	3,558.75	32,441.25	47,952.87	(1,190.12)	102	27,359.83
Activity 537 - Ripslide	.00	48.99	.00	48.99	(48.99)	+++	.00
Activity 550 - Boat Rental	7,150.00	270.00	.00	540.00	6,610.00	8	4,465.00
Activity 580 - Cross Country Skiing	7,000.00	.00	.00	308.06	6,691.94	4	1,471.36
Activity 590 - Tolling	100,980.00	13,648.33	2,214.66	44,592.92	54,172.42	46	48,431.03
Activity 615 - Group Camping	640.00	.00	.00	38.99	601.01	6	29.98
Activity 650 - Golf Course	646,795.00	70,200.56	2,580.90	365,224.62	278,989.48	57	357,340.73
Activity 660 - Disc/Adventure Golf	13,886.00	974.76	.00	7,339.59	6,546.41	53	5,249.09
Activity 700 - Special Events	49,276.00	1,862.66	3,000.00	15,368.68	30,907.32	37	2,746.66
Activity 710 - Administrative	593,905.00	45,257.27	271.64	327,746.39	265,886.97	55	350,328.02
Activity 730 - Police	565,332.00	48,467.70	16,059.96	345,851.09	203,420.95	64	288,698.08
Activity 870 - Wildlife Management	13,676.00	300.00	.00	9,578.23	4,097.77	70	11,601.96
Activity 880 - Interpretive Center/Mill	141,615.00	9,969.47	.00	76,702.05	64,912.95	54	73,824.29
Activity 990 - General	743,849.00	60,159.21	9,296.09	426,164.47	308,388.44	59	407,849.98
Activity 991 - Joint Government Maint	19,393.00	3,716.83	.00	6,464.34	12,928.66	33	2,445.37
Location 108 - Hudson	\$2,982,701.00	\$258,434.53	\$65,864.50	\$1,673,921.29	\$1,242,915.21	58%	\$1,581,841.38
Location 109 - Stony Creek							
Activity 180 - Natural Resources	162,921.00	3,752.94	33,000.00	38,301.86	91,619.14	44	26,763.55
Activity 537 - Ripslide	57,335.00	8,810.51	.00	32,540.60	24,794.40	57	24,467.99
Activity 538 - Beach	330,121.00	67,135.33	399.64	221,307.81	108,413.55	67	188,519.12
Activity 540 - Dockage/Boat Storage	22,383.00	1,190.80	811.32	16,286.83	5,284.85	76	11,167.75
Activity 550 - Boat Rental	98,208.00	18,336.80	271.64	51,468.23	46,468.13	53	49,438.94
Activity 580 - Cross Country Skiing	5,941.00	.00	.00	2,666.09	3,274.91	45	5,994.88
Activity 590 - Tolling	171,390.00	18,150.51	6,598.48	89,413.60	75,377.92	56	91,577.37
Activity 610 - Family Camping	19,217.00	2,553.14	.00	12,782.76	6,434.24	67	12,930.57
Activity 635 - Mobile Stage	2,000.00	.00	.00	1,921.75	78.25	96	.00
Activity 650 - Golf Course	822,845.00	134,714.06	1,278.40	578,431.83	243,134.77	70	504,554.14
Activity 660 - Disc/Adventure Golf	36,124.00	4,256.53	.00	10,244.69	25,879.31	28	19,498.77
Activity 700 - Special Events	81,381.00	24,266.51	16,926.36	42,521.26	21,933.38	73	31,289.80
Activity 710 - Administrative	846,780.00	94,600.44	271.64	514,924.01	331,584.35	61	442,938.15
Activity 730 - Police	1,008,344.00	84,647.64	4,658.60	466,041.90	537,643.50	47	443,814.98

General Fund Expense Budget by Organization

Through 07/31/23
 Prior Fiscal Year Activity Included
 Summary Listing

Organization	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 10 - General Fund							
EXPENSE							
Function 8 - Operations							
Location 109 - Stony Creek							
Activity 870 - Wildlife Management	32,165.00	2,200.00	6,500.00	20,655.53	5,009.47	84	14,208.12
Activity 880 - Interpretive Center/Mill	410,415.00	28,397.99	567.14	196,308.64	213,539.22	48	197,465.77
Activity 882 - Mobile Learning Center	200,209.00	14,063.32	.00	105,523.41	94,685.59	53	87,551.41
Activity 990 - General	1,806,718.00	156,913.55	40,817.17	929,364.96	836,535.87	54	927,229.80
Activity 991 - Joint Government Maint	5,411.00	243.36	.00	1,941.72	3,469.28	36	2,384.65
Location 109 - Stony Creek Totals	\$6,119,908.00	\$664,233.43	\$112,100.39	\$3,332,647.48	\$2,675,160.13	56%	\$3,081,795.76
Location 112 - Lake Erie							
Activity 180 - Natural Resources	55,383.00	537.15	.00	28,736.59	26,646.41	52	6,734.51
Activity 531 - Pool	143,980.00	8,413.75	543.28	38,639.21	104,797.51	27	14,517.73
Activity 540 - Dockage/Boat Storage	123,627.00	9,509.22	1,000.00	47,734.03	74,892.97	39	44,529.45
Activity 590 - Tolling	70,192.00	9,758.94	2,404.66	39,530.04	28,257.30	60	33,649.96
Activity 640 - Shelter Reservations	300.00	.00	.00	.00	300.00	0	.00
Activity 650 - Golf Course	706,688.42	98,372.93	1,626.14	439,491.03	265,571.25	62	343,605.53
Activity 700 - Special Events	47,400.00	13,923.40	.00	32,581.57	14,818.43	69	15,507.01
Activity 710 - Administrative	688,958.00	50,623.73	584.84	348,815.64	339,557.52	51	353,917.69
Activity 730 - Police	806,930.00	69,467.87	7,222.79	371,843.67	427,863.54	47	383,810.78
Activity 870 - Wildlife Management	5,100.40	944.05	.00	6,425.58	(1,325.18)	126	12,266.50
Activity 880 - Interpretive Center/Mill	320,495.00	28,855.70	2,029.03	180,740.38	137,725.59	57	136,677.69
Activity 990 - General	1,103,712.06	90,460.09	805.34	634,497.20	468,409.52	58	645,514.22
Location 112 - Lake Erie Totals	\$4,072,765.88	\$380,866.83	\$16,216.08	\$2,169,034.94	\$1,887,514.86	54%	\$1,990,731.07
Location 113 - Wolcott							
Activity 180 - Natural Resources	33,251.00	2,271.20	14,000.00	18,396.71	854.29	97	4,701.65
Activity 590 - Tolling	8,605.00	562.77	601.66	2,235.91	5,767.43	33	2,335.94
Activity 615 - Group Camping	4,706.00	315.40	.00	3,462.22	1,243.78	74	3,444.25
Activity 630 - Activity Center Rental	25,370.00	1,358.30	.00	12,878.39	12,491.61	51	10,420.55
Activity 710 - Administrative	48,152.00	1,554.39	.00	23,434.39	24,717.61	49	22,485.26
Activity 730 - Police	153,377.00	9,913.44	.00	71,657.59	81,719.41	47	65,821.04
Activity 880 - Interpretive Center/Mill	85,042.00	2,141.91	9,604.64	39,408.83	36,028.53	58	43,296.39
Activity 881 - Farm Learning Center	958,124.00	72,139.62	18,800.14	503,333.45	435,990.41	54	482,574.63
Activity 990 - General	266,385.00	18,152.24	2,458.16	143,466.84	120,460.00	55	150,935.10
Location 113 - Wolcott Totals	\$1,583,012.00	\$108,409.27	\$45,464.60	\$818,274.33	\$719,273.07	55%	\$786,014.81
Location 115 - Indian Springs							
Activity 180 - Natural Resources	143,892.00	417.20	66,520.26	12,222.44	65,149.30	55	14,781.19
Activity 535 - Sprayzone	7,654.00	503.48	.00	4,400.86	3,253.14	57	10,854.66

General Fund Expense Budget by Organization

Through 07/31/23
 Prior Fiscal Year Activity Included
 Summary Listing

Organization	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 10 - General Fund							
EXPENSE							
Function 8 - Operations							
Location 115 - Indian Springs							
Activity 580 - Cross Country Skiing	5,669.00	.00	.00	464.13	5,204.87	8	104.10
Activity 590 - Tolling	70,443.00	6,756.81	1,355.66	33,933.26	35,154.08	50	34,744.68
Activity 630 - Activity Center Rental	23,580.00	2,668.23	.00	9,673.28	13,906.72	41	21,608.97
Activity 650 - Golf Course	804,807.00	95,442.36	1,278.14	502,425.98	301,102.88	63	487,533.85
Activity 700 - Special Events	7,500.00	.00	.00	98.36	7,401.64	1	.00
Activity 710 - Administrative	298,095.00	20,524.83	271.64	141,684.02	156,139.34	48	156,656.51
Activity 730 - Police	188,190.00	3,778.44	.00	13,570.20	174,619.80	7	70,289.44
Activity 870 - Wildlife Management	12,706.00	727.41	.00	13,593.31	(887.31)	107	12,726.09
Activity 880 - Interpretive Center/Mill	.00	.00	.00	.00	.00	+++	91.00
Activity 883 - Environmental Disc	445,530.00	32,886.92	271.64	244,282.24	200,976.12	55	227,299.43
Activity 990 - General	361,261.00	21,285.96	3,452.00	174,401.24	183,407.76	49	222,882.99
Location 115 - Indian Springs Totals	\$2,369,327.00	\$184,991.64	\$73,149.34	\$1,150,749.32	\$1,145,428.34	52%	\$1,259,572.91
Location 116 - Huron Meadows							
Activity 180 - Natural Resources	52,644.00	.00	20,000.00	5,426.40	27,217.60	48	4,181.29
Activity 580 - Cross Country Skiing	72,627.00	.00	.00	44,405.41	28,221.59	61	51,346.11
Activity 590 - Tolling	3,584.00	.00	.00	.00	3,584.00	0	1,288.47
Activity 650 - Golf Course	680,067.00	102,829.94	1,006.50	454,286.57	224,773.93	67	368,144.17
Activity 700 - Special Events	10,000.00	.00	.00	2,754.87	7,245.13	28	.00
Activity 710 - Administrative	79,570.00	5,587.41	.00	46,318.38	33,251.62	58	46,188.78
Activity 730 - Police	139,993.00	2,815.39	271.64	31,289.08	108,432.28	23	22,403.77
Activity 870 - Wildlife Management	300.00	300.00	.00	300.00	.00	100	.00
Activity 990 - General	255,992.00	20,963.79	271.64	157,333.35	98,387.01	62	164,003.76
Location 116 - Huron Meadows Totals	\$1,294,777.00	\$132,496.53	\$21,549.78	\$742,114.06	\$531,113.16	59%	\$657,556.35
Function 8 - Operations Totals	\$39,930,670.93	\$3,927,386.50	\$620,836.95	\$20,808,064.19	\$18,501,769.79	54%	\$19,924,016.56
Function 9 - Administration							
Location 100 - Administrative Office							
Activity 100 - Director/Deputy Dir Dept	1,288,495.15	52,171.71	166,357.35	565,707.76	556,430.04	57	470,153.09
Activity 102 - Diversity, Equity &	669,093.00	35,339.96	6,650.00	299,562.73	362,880.27	46	189,967.20
Activity 110 - Finance Department	1,046,022.00	104,054.06	4,741.90	627,379.99	413,900.11	60	535,615.46
Activity 120 - Human Resource	900,218.38	51,800.60	.00	363,634.65	536,583.73	40	339,041.95
Activity 130 -	1,708,897.62	153,134.29	301,206.51	841,744.88	565,946.23	67	802,687.72
Activity 138 - Web Design Department	.00	.00	.00	.00	.00	+++	89.95
Activity 140 - Information Technology	1,850,697.00	81,811.36	72,058.67	774,453.04	1,004,185.29	46	943,711.75
Activity 150 - Purchasing Department	271,476.00	21,182.91	.00	121,125.10	150,350.90	45	79,271.53

General Fund Expense Budget by Organization

Through 07/31/23
Prior Fiscal Year Activity Included
Summary Listing

Organization	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 10 - General Fund							
EXPENSE							
Function 9 - Administration							
Location 100 - Administrative Office							
Activity 180 - Natural Resources	900,884.00	58,834.30	7,284.23	379,319.37	514,280.40	43	342,933.52
Activity 190 - Planning	1,102,440.25	40,191.32	221,463.94	394,997.28	485,979.03	56	489,895.27
Activity 192 - Engineering	1,624,498.10	74,370.09	96,052.17	482,372.43	1,046,073.50	36	576,285.30
Activity 700 - Special Events	15,000.00	.00	.00	14,524.51	475.49	97	.00
Activity 710 - Administrative	749,810.00	34,412.65	2,774.92	440,151.06	306,884.02	59	348,037.81
Activity 730 - Police	636,278.00	62,062.33	.00	380,494.15	255,783.85	60	357,296.44
Activity 880 - Interpretive Center/Mill	306,154.00	16,317.46	27,192.57	117,253.21	161,708.22	47	135,865.32
Activity 990 - General	.00	.00	.00	229.00	(229.00)	+++	.00
Activity 991 - Joint Government Maint	4,758,435.00	5,824.12	45,337.77	4,055,435.80	657,661.43	86	22,310.77
Location 100 - Administrative Office	\$17,828,398.50	\$791,507.16	\$951,120.03	\$9,858,384.96	\$7,018,893.51	61%	\$5,633,163.08
Function 9 - Administration Totals	\$17,828,398.50	\$791,507.16	\$951,120.03	\$9,858,384.96	\$7,018,893.51	61%	\$5,633,163.08
EXPENSE TOTALS	\$73,145,255.95	\$5,362,841.40	\$4,677,331.79	\$39,551,968.58	\$28,915,955.58	60%	\$33,884,364.76
Fund 10 - General Fund Totals	\$73,145,255.95	\$5,362,841.40	\$4,677,331.79	\$39,551,968.58	\$28,915,955.58		\$33,884,364.76
Grand Totals	\$73,145,255.95	\$5,362,841.40	\$4,677,331.79	\$39,551,968.58	\$28,915,955.58		\$33,884,364.76

Suppl Maj Mnt Fund Balance Sheet

Through 07/31/23
Summary Listing

Classification	Current YTD Balance	Prior Year YTD Total	Net Change	Change %
Fund Category Governmental Funds				
Fund Type Special Revenue Funds				
Fund 20 - Supplemental Maj Mnt Fund				
ASSETS				
<i>ASSETS</i>				
<i>INVESTMENTS</i>				
Comerica Restricted Funds	5,276,106.94	5,110,865.24	165,241.70	3.23
<i>INVESTMENTS Totals</i>	<u>\$5,276,106.94</u>	<u>\$5,110,865.24</u>	<u>\$165,241.70</u>	<u>3.23%</u>
<i>ASSETS Totals</i>	<u>\$5,276,106.94</u>	<u>\$5,110,865.24</u>	<u>\$165,241.70</u>	<u>3.23%</u>
ASSETS TOTALS	<u>\$5,276,106.94</u>	<u>\$5,110,865.24</u>	<u>\$165,241.70</u>	<u>3.23%</u>
LIABILITIES AND FUND EQUITY				
LIABILITIES				
<i>LIABILITIES</i>				
<i>CURRENT LIABILITIES</i>				
Contract Retainage Payabl	(.01)	(.01)	.00	.00
<i>CURRENT LIABILITIES Totals</i>	<u>(\$0.01)</u>	<u>(\$0.01)</u>	<u>\$0.00</u>	<u>0.00%</u>
<i>LIABILITIES Totals</i>	<u>(\$0.01)</u>	<u>(\$0.01)</u>	<u>\$0.00</u>	<u>0.00%</u>
LIABILITIES TOTALS	<u>(\$0.01)</u>	<u>(\$0.01)</u>	<u>\$0.00</u>	<u>0.00%</u>
FUND EQUITY				
<i>FUND BALANCE</i>				
<i>UNASSIGNED FUND BALANCE</i>				
Reserve Future Contingen.	5,103,380.90	5,103,380.90	.00	.00
<i>UNASSIGNED FUND BALANCE Totals</i>	<u>\$5,103,380.90</u>	<u>\$5,103,380.90</u>	<u>\$0.00</u>	<u>0.00%</u>
<i>FUND BALANCE Totals</i>	<u>\$5,103,380.90</u>	<u>\$5,103,380.90</u>	<u>\$0.00</u>	<u>0.00%</u>
FUND EQUITY TOTALS Prior to Current Year Changes	<u>\$5,103,380.90</u>	<u>\$5,103,380.90</u>	<u>\$0.00</u>	<u>0.00%</u>
Prior Year Fund Equity Adjustment	(59,365.13)			
Fund Revenues	(113,360.92)			
Fund Expenses	.00			
FUND EQUITY TOTALS	<u>\$5,276,106.95</u>	<u>\$5,103,380.90</u>	<u>\$172,726.05</u>	<u>3.38%</u>
LIABILITIES AND FUND EQUITY	<u>\$5,276,106.94</u>	<u>\$5,103,380.89</u>	<u>\$172,726.05</u>	<u>3.38%</u>
Fund 20 - Supplemental Maj Mnt Fund Totals	<u>\$0.00</u>	<u>\$7,484.35</u>	<u>(\$7,484.35)</u>	<u>(100.00%)</u>
Fund Type Special Revenue Funds Totals	<u>\$0.00</u>	<u>\$7,484.35</u>	<u>(\$7,484.35)</u>	<u>(100.00%)</u>
Fund Category Governmental Funds Totals	<u>\$0.00</u>	<u>\$7,484.35</u>	<u>(\$7,484.35)</u>	<u>(100.00%)</u>
Grand Totals	<u>\$0.00</u>	<u>\$7,484.35</u>	<u>(\$7,484.35)</u>	<u>(100.00%)</u>

Supplemental Maj Mnt Fund Revenue Budget Performance

Fiscal Year to Date 07/31/23

Include Rollup Account and Rollup to Account

Account	Account Description	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 20 - Supplemental Maj Mnt Fund								
Function 9 - Administration								
REVENUE								
<i>Revenue</i>								
4500	Interest Income	.00	.00	.00	113,360.92	(113,360.92)	+++	7,484.35
	<i>Revenue Totals</i>	\$0.00	\$0.00	\$0.00	\$113,360.92	(\$113,360.92)	+++	\$7,484.35
	REVENUE TOTALS	\$0.00	\$0.00	\$0.00	\$113,360.92	(\$113,360.92)	+++	\$7,484.35
	Function 9 - Administration Totals	\$0.00	\$0.00	\$0.00	\$113,360.92	(\$113,360.92)	+++	\$7,484.35
	Fund 20 - Supplemental Maj Mnt Fund Totals	\$0.00	\$0.00	\$0.00	\$113,360.92	(\$113,360.92)		\$7,484.35
	Grand Totals	\$0.00	\$0.00	\$0.00	\$113,360.92	(\$113,360.92)		\$7,484.35

Supplemental Maj Mnt Fund Revenue Budget by Organization

Through 07/31/23
 Prior Fiscal Year Activity Included
 Summary Listing

Organization	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 20 - Supplemental Maj Mnt Fund							
REVENUE							
Function 9 - Administration							
Location 100 - Administrative Office							
Activity 990 - General							
Category 70 - Other	.00	.00	.00	113,360.92	(113,360.92)	+++	7,484.35
Activity 990 - General Totals	\$0.00	\$0.00	\$0.00	\$113,360.92	(\$113,360.92)	+++	\$7,484.35
Location 100 - Administrative Office	\$0.00	\$0.00	\$0.00	\$113,360.92	(\$113,360.92)	+++	\$7,484.35
Function 9 - Administration Totals	\$0.00	\$0.00	\$0.00	\$113,360.92	(\$113,360.92)	+++	\$7,484.35
REVENUE TOTALS	\$0.00	\$0.00	\$0.00	\$113,360.92	(\$113,360.92)	+++	\$7,484.35
Fund 20 - Supplemental Maj Mnt Fund Totals	\$0.00	\$0.00	\$0.00	\$113,360.92	(\$113,360.92)		\$7,484.35
Grand Totals	\$0.00	\$0.00	\$0.00	\$113,360.92	(\$113,360.92)		\$7,484.35

Capital Project Fund Balance Sheet

Through 07/31/23
Summary Listing

Classification	Current YTD Balance	Prior Year YTD Total	Net Change	Change %
Fund Category Governmental Funds				
Fund Type Capital Projects Funds				
Fund 80 - Capital Projects Fund				
ASSETS				
ASSETS				
INVESTMENTS				
Flagstar Bank/C.D.	510,724.63	509,690.99	1,033.64	.20
Public Service Credit Union	2,567,109.03	2,564,653.42	2,455.61	.10
CIBC Bank/C.D.	2,033,401.95	2,015,077.92	18,324.03	.91
Comerica Bank Govt Fund	9,142,179.49	7,952,335.31	1,189,844.18	14.96
INVESTMENTS Totals	\$14,253,415.10	\$13,041,757.64	\$1,211,657.46	9.29%
OTHER ASSETS				
Due From Other Funds	.00	7,133.14	(7,133.14)	(100.00)
Due From Grants	250,000.00	145,655.42	104,344.58	71.64
OTHER ASSETS Totals	\$250,000.00	\$152,788.56	\$97,211.44	63.62%
ASSETS Totals	\$14,503,415.10	\$13,194,546.20	\$1,308,868.90	9.92%
ASSETS TOTALS	\$14,503,415.10	\$13,194,546.20	\$1,308,868.90	9.92%
LIABILITIES AND FUND EQUITY				
LIABILITIES				
LIABILITIES				
CURRENT LIABILITIES				
Vouchers Payable	91,857.40	1,535.00	90,322.40	5,884.20
Due To	201,351.17	390,893.67	(189,542.50)	(48.49)
Deferred Revenue	250,000.00	144,400.00	105,600.00	73.13
CURRENT LIABILITIES Totals	\$543,208.57	\$536,828.67	\$6,379.90	1.19%
LIABILITIES Totals	\$543,208.57	\$536,828.67	\$6,379.90	1.19%
LIABILITIES TOTALS	\$543,208.57	\$536,828.67	\$6,379.90	1.19%
FUND EQUITY				
FUND BALANCE				
ASSIGNED FUND BALANCE				
Planned Use of Fund Balance	9,111,955.79	9,111,955.79	.00	.00
ASSIGNED FUND BALANCE Totals	\$9,111,955.79	\$9,111,955.79	\$0.00	0.00%
UNASSIGNED FUND BALANCE				
Reserve Future Contingen.	(9,111,955.79)	(9,111,955.79)	.00	.00
UNASSIGNED FUND BALANCE Totals	(\$9,111,955.79)	(\$9,111,955.79)	\$0.00	0.00%
FUND BALANCE Totals	\$0.00	\$0.00	\$0.00	+++
FUND EQUITY TOTALS Prior to Current Year Changes	\$0.00	\$0.00	\$0.00	+++
Prior Year Fund Equity Adjustment	(9,288,428.80)			
Fund Revenues	(6,649,322.75)			

Capital Project Fund Balance Sheet

Through 07/31/23
Summary Listing

Classification	Current YTD Balance	Prior Year YTD Total	Net Change	Change %
Fund Category Governmental Funds				
Fund Type Capital Projects Funds				
Fund Expenses	1,977,545.02			
FUND EQUITY TOTALS	\$13,960,206.53	\$0.00	\$13,960,206.53	+++
LIABILITIES AND FUND EQUITY	\$14,503,415.10	\$536,828.67	\$13,966,586.43	2,601.68%
Fund 80 - Capital Projects Fund Totals	\$0.00	\$12,657,717.53	(\$12,657,717.53)	(100.00%)
Fund Type Capital Projects Funds Totals	\$0.00	\$12,657,717.53	(\$12,657,717.53)	(100.00%)
Fund Category Governmental Funds Totals	\$0.00	\$12,657,717.53	(\$12,657,717.53)	(100.00%)
Grand Totals	\$0.00	\$12,657,717.53	(\$12,657,717.53)	(100.00%)

Capital Project Revenue Budget Performance

Fiscal Year to Date 07/31/23

Include Rollup Account and Rollup to Account

Account	Account Description	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 80 - Capital Projects Fund								
Function 2 - Transfer								
REVENUE								
<i>Revenue</i>								
6000	Transfer In - General Fund							
6000.10	Transfer In - General Fund	5,951,726.00	.00	.00	5,951,726.00	.00	100	7,345,195.61
	6000 - Transfer In - General Fund	\$5,951,726.00	\$0.00	\$0.00	\$5,951,726.00	\$0.00	100%	\$7,345,195.61
	<i>Revenue Totals</i>	\$5,951,726.00	\$0.00	\$0.00	\$5,951,726.00	\$0.00	100%	\$7,345,195.61
	REVENUE TOTALS	\$5,951,726.00	\$0.00	\$0.00	\$5,951,726.00	\$0.00	100%	\$7,345,195.61
	Function 2 - Transfer Totals	\$5,951,726.00	\$0.00	\$0.00	\$5,951,726.00	\$0.00	100%	\$7,345,195.61
Function 9 - Administration								
REVENUE								
<i>Revenue</i>								
4400	Grant Revenue	6,456,165.29	.00	.00	505,001.28	5,951,164.01	8	51,948.93
4460	Foundation Support	49,521.25	.00	.00	.00	49,521.25	0	.00
4500	Interest Income	.00	10,369.00	.00	192,595.47	(192,595.47)	+++	13,335.61
	<i>Revenue Totals</i>	\$6,505,686.54	\$10,369.00	\$0.00	\$697,596.75	\$5,808,089.79	11%	\$65,284.54
	REVENUE TOTALS	\$6,505,686.54	\$10,369.00	\$0.00	\$697,596.75	\$5,808,089.79	11%	\$65,284.54
	Function 9 - Administration Totals	\$6,505,686.54	\$10,369.00	\$0.00	\$697,596.75	\$5,808,089.79	11%	\$65,284.54
	Fund 80 - Capital Projects Fund Totals	\$12,457,412.54	\$10,369.00	\$0.00	\$6,649,322.75	\$5,808,089.79		\$7,410,480.15
	Grand Totals	\$12,457,412.54	\$10,369.00	\$0.00	\$6,649,322.75	\$5,808,089.79		\$7,410,480.15

Capital Project Revenue Budget by Organization

Through 07/31/23
 Prior Fiscal Year Activity Included
 Summary Listing

Organization	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year Total
Fund 80 - Capital Projects Fund							
REVENUE							
Function 2 - Transfer							
Location 100 - Administrative Office							
Activity 990 - General	5,951,726.00	.00	.00	5,951,726.00	.00	100	8,408,481.94
Location 100 - Administrative Office	\$5,951,726.00	\$0.00	\$0.00	\$5,951,726.00	\$0.00	100%	\$8,408,481.94
Function 2 - Transfer Totals	\$5,951,726.00	\$0.00	\$0.00	\$5,951,726.00	\$0.00	100%	\$8,408,481.94
Function 5 - Capital							
Location 102 - Lake St. Clair							
Activity 538 - Beach	.00	.00	.00	.00	.00	+++	.00
Location 102 - Lake St. Clair Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++	\$0.00
Function 5 - Capital Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++	\$0.00
Function 9 - Administration							
Location 100 - Administrative Office							
Activity 990 - General	6,505,686.54	10,369.00	.00	697,596.75	5,808,089.79	11	1,445,616.93
Location 100 - Administrative Office	\$6,505,686.54	\$10,369.00	\$0.00	\$697,596.75	\$5,808,089.79	11%	\$1,445,616.93
Function 9 - Administration Totals	\$6,505,686.54	\$10,369.00	\$0.00	\$697,596.75	\$5,808,089.79	11%	\$1,445,616.93
REVENUE TOTALS	\$12,457,412.54	\$10,369.00	\$0.00	\$6,649,322.75	\$5,808,089.79	53%	\$9,854,098.87
Fund 80 - Capital Projects Fund Totals	\$12,457,412.54	\$10,369.00	\$0.00	\$6,649,322.75	\$5,808,089.79		\$9,854,098.87
Grand Totals	\$12,457,412.54	\$10,369.00	\$0.00	\$6,649,322.75	\$5,808,089.79		\$9,854,098.87

Capital Project Expense Budget Performance

Fiscal Year to Date 07/31/23

Include Rollup Account and Rollup to Account

Account	Account Description	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year YTD
Fund 80 - Capital Projects Fund								
Function 2 - Transfer								
EXPENSE								
<i>Expenditures</i>								
9965	Transfer Out - General Fund							
9965.10	Transfer Out - General Fund	66,526.04	73.06	.00	66,526.04	.00	100	191.06
	9965 - Transfer Out - General Fund	\$66,526.04	\$73.06	\$0.00	\$66,526.04	\$0.00	100%	\$191.06
	<i>Expenditures Totals</i>	\$66,526.04	\$73.06	\$0.00	\$66,526.04	\$0.00	100%	\$191.06
	EXPENSE TOTALS	\$66,526.04	\$73.06	\$0.00	\$66,526.04	\$0.00	100%	\$191.06
	Function 2 - Transfer Totals	(\$66,526.04)	(\$73.06)	\$0.00	(\$66,526.04)	\$0.00	100%	(\$191.06)
Function 5 - Capital								
EXPENSE								
<i>Personnel Services</i>								
9010	Full Time Wages	302,592.39	19,743.47	.00	155,126.65	147,465.74	51	229,372.09
9011	Full Time Overtime	27.47	.00	.00	27.47	.00	100	.00
9013	FT Benefits Pd to Emps	22,011.82	1,447.23	.00	11,475.71	10,536.11	52	15,620.82
9014	FT Benefits Pd for Emps	138,387.39	9,103.19	.00	72,183.05	66,204.34	52	116,171.02
9020	Part Time Wages	7,713.55	6,500.25	.00	7,713.55	.00	100	63.40
9024	PT Benefits Pd for Emps	107.25	90.04	.00	195.89	(88.64)	183	6.00
	<i>Personnel Services Totals</i>	\$470,839.87	\$36,884.18	\$0.00	\$246,722.32	\$224,117.55	52%	\$361,233.33
<i>Contractual Services</i>								
9410	Professional Services	137,139.27	14,729.67	622,092.36	119,913.30	(604,866.39)	541	34,214.22
9420	Outside Services	21,491,288.19	241,521.66	3,042,701.91	1,544,383.36	16,904,202.92	21	2,045,986.48
	<i>Contractual Services Totals</i>	\$21,628,427.46	\$256,251.33	\$3,664,794.27	\$1,664,296.66	\$16,299,336.53	25%	\$2,080,200.70
	EXPENSE TOTALS	\$22,099,267.33	\$293,135.51	\$3,664,794.27	\$1,911,018.98	\$16,523,454.08	25%	\$2,441,434.03
	Function 5 - Capital Totals	(\$22,099,267.33)	(\$293,135.51)	(\$3,664,794.27)	(\$1,911,018.98)	(\$16,523,454.08)	25%	(\$2,441,434.03)
	Fund 80 - Capital Projects Fund Totals	\$22,165,793.37	\$293,208.57	\$3,664,794.27	\$1,977,545.02	\$16,523,454.08		\$2,441,625.09
	Grand Totals	\$22,165,793.37	\$293,208.57	\$3,664,794.27	\$1,977,545.02	\$16,523,454.08		\$2,441,625.09

Capital Project Expense Budget by Organization

Through 07/31/23
 Prior Fiscal Year Activity Included
 Summary Listing

Organization	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year Total
Fund 80 - Capital Projects Fund							
EXPENSE							
Function 2 - Transfer							
Location 100 - Administrative Office							
Activity 990 - General	66,526.04	73.06	.00	66,526.04	.00	100	191.06
Location 100 - Administrative Office	\$66,526.04	\$73.06	\$0.00	\$66,526.04	\$0.00	100%	\$191.06
Function 2 - Transfer Totals	\$66,526.04	\$73.06	\$0.00	\$66,526.04	\$0.00	100%	\$191.06
Function 5 - Capital							
Location 100 - Administrative Office							
Activity 192 - Engineering	224,883.77	.00	.00	.00	224,883.77	0	.00
Location 100 - Administrative Office	\$224,883.77	\$0.00	\$0.00	\$0.00	\$224,883.77	0%	\$0.00
Location 102 - Lake St. Clair							
Activity 538 - Beach	107,913.54	19,300.39	36,676.58	58,688.96	12,548.00	88	72,681.40
Activity 590 - Tolling	77,917.93	417.93	.00	17,712.93	60,205.00	23	38.19
Activity 880 - Interpretive Center/Mill	.00	.00	.00	.00	.00	+++	.00
Activity 940 - Heart Lab-LSC	.00	.00	.00	.00	.00	+++	.00
Activity 990 - General	1,564,288.17	2,878.94	276,501.31	250,584.37	1,037,202.49	34	1,763,438.52
Location 102 - Lake St. Clair Totals	\$1,750,119.64	\$22,597.26	\$313,177.89	\$326,986.26	\$1,109,955.49	37%	\$1,836,158.11
Location 104 - Kensington							
Activity 538 - Beach	.00	.00	.00	.00	.00	+++	.00
Activity 540 - Dockage/Boat Storage	.00	.00	.00	.00	.00	+++	.00
Activity 660 - Disc/Adventure Golf	.00	.00	.00	.00	.00	+++	.00
Activity 880 - Interpretive Center/Mill	.00	.00	.00	.00	.00	+++	.00
Activity 881 - Farm Learning Center	.00	.00	.00	.00	.00	+++	.00
Activity 990 - General	247,000.00	.00	.00	.00	247,000.00	0	430,866.96
Location 104 - Kensington Totals	\$247,000.00	\$0.00	\$0.00	\$0.00	\$247,000.00	0%	\$430,866.96
Location 106 - Lower Huron/Will/Oakwoods							
Activity 532 - Waterpark	1,347,869.84	.00	716,750.84	.00	631,119.00	53	398,741.80
Activity 610 - Family Camping	784,600.00	.00	.00	.00	784,600.00	0	.00
Activity 650 - Golf Course	627,523.58	661.38	.00	1,523.58	626,000.00	0	.00
Activity 880 - Interpretive Center/Mill	272,841.83	3,014.29	.00	25,276.83	247,565.00	9	848.42
Activity 990 - General	2,502,256.78	17,374.32	435,836.64	107,227.40	1,959,192.74	22	2,063,022.32
Location 106 - Lower	\$5,535,092.03	\$21,049.99	\$1,152,587.48	\$134,027.81	\$4,248,476.74	23%	\$2,462,612.54
Location 108 - Hudson Mills/Dexter/Delhi							
Activity 590 - Tolling	.00	.00	.00	.00	.00	+++	.00
Activity 650 - Golf Course	.00	.00	.00	.00	.00	+++	42,776.67
Activity 990 - General	1,030,390.74	1,009.98	155,254.50	2,765.64	872,370.60	15	741,171.60
Location 108 - Hudson	\$1,030,390.74	\$1,009.98	\$155,254.50	\$2,765.64	\$872,370.60	15%	\$783,948.27

Capital Project Expense Budget by Organization

Through 07/31/23
Prior Fiscal Year Activity Included
Summary Listing

Organization	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Rec'd	Prior Year Total
Fund 80 - Capital Projects Fund							
EXPENSE							
Function 5 - Capital							
Location 109 - Stony Creek							
Activity 538 - Beach	.00	.00	.00	.00	.00	+++	.00
Activity 540 - Dockage/Boat Storage	250,056.24	67,592.14	.00	212,265.38	37,790.86	85	1,481,446.10
Activity 590 - Tolling	20,000.00	.00	.00	.00	20,000.00	0	.00
Activity 650 - Golf Course	1,005,820.58	91,892.59	17,163.28	187,917.30	800,740.00	20	414.88
Activity 990 - General	2,276,468.42	17,071.62	193,019.00	104,328.29	1,979,121.13	13	371,233.83
Location 109 - Stony Creek Totals	\$3,552,345.24	\$176,556.35	\$210,182.28	\$504,510.97	\$2,837,651.99	20%	\$1,853,094.81
Location 112 - Lake Erie							
Activity 531 - Pool	4,000,556.71	.00	343,250.00	556.71	3,656,750.00	9	.00
Activity 650 - Golf Course	.00	.00	.00	.00	.00	+++	.00
Activity 990 - General	3,028,384.91	67,723.54	744,394.27	901,526.93	1,382,463.71	54	887,660.79
Location 112 - Lake Erie Totals	\$7,028,941.62	\$67,723.54	\$1,087,644.27	\$902,083.64	\$5,039,213.71	28%	\$887,660.79
Location 113 - Wolcott							
Activity 880 - Interpretive Center/Mill	.00	.00	.00	.00	.00	+++	.00
Activity 881 - Farm Learning Center	1,150,075.43	.00	.00	75.43	1,150,000.00	0	.00
Activity 990 - General	.00	.00	.00	.00	.00	+++	.00
Location 113 - Wolcott Totals	\$1,150,075.43	\$0.00	\$0.00	\$75.43	\$1,150,000.00	0%	\$0.00
Location 115 - Indian Springs							
Activity 650 - Golf Course	871,809.09	3,555.35	47,663.65	37,015.44	787,130.00	10	.00
Activity 990 - General	708,609.77	643.04	698,284.20	3,553.79	6,771.78	99	.00
Location 115 - Indian Springs Totals	\$1,580,418.86	\$4,198.39	\$745,947.85	\$40,569.23	\$793,901.78	50%	\$0.00
Location 116 - Huron Meadows							
Activity 650 - Golf Course	.00	.00	.00	.00	.00	+++	.00
Activity 990 - General	.00	.00	.00	.00	.00	+++	.00
Location 116 - Huron Meadows Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++	\$0.00
Function 5 - Capital Totals	\$22,099,267.33	\$293,135.51	\$3,664,794.27	\$1,911,018.98	\$16,523,454.08	25%	\$8,254,341.48
EXPENSE TOTALS	\$22,165,793.37	\$293,208.57	\$3,664,794.27	\$1,977,545.02	\$16,523,454.08	25%	\$8,254,532.54
Fund 80 - Capital Projects Fund Totals	\$22,165,793.37	\$293,208.57	\$3,664,794.27	\$1,977,545.02	\$16,523,454.08		\$8,254,532.54
Grand Totals	\$22,165,793.37	\$293,208.57	\$3,664,794.27	\$1,977,545.02	\$16,523,454.08		\$8,254,532.54

Payment Register

Payment Dates 07/01/23 - 07/31/23

Number	Date	Status	Void Reason	Reconciled/ Voided Date	Source	Payee Name	Transaction Amount	Difference
Bank Account 1-Comerica - Comerica Bank Checking								
Payment Type Check								
268439	07/06/2023	Open			Accounts Payable	2 MOMs and a MOP	1,820.00	
268440	07/06/2023	Open			Accounts Payable	Alta Equipment Company	375.35	
268441	07/06/2023	Open			Accounts Payable	American Awards & Engraving	23.00	
268442	07/06/2023	Open			Accounts Payable	Aventric Technologies	2,309.00	
268443	07/06/2023	Open			Accounts Payable	B&W Landscape Supply	210.00	
268444	07/06/2023	Open			Accounts Payable	Baker's Gas & Welding Supplies	263.39	
268445	07/06/2023	Open			Accounts Payable	Baxter Credit Union	168.53	
268446	07/06/2023	Open			Accounts Payable	Cadillac Culvert, Inc.	284.82	
268447	07/06/2023	Open			Accounts Payable	CardConnect	3,150.00	
268448	07/06/2023	Open			Accounts Payable	Carleton Equipment Co	317.96	
268449	07/06/2023	Open			Accounts Payable	CDW Government	249.21	
268450	07/06/2023	Open			Accounts Payable	Cedar Crest Dairy Inc	3,055.04	
268451	07/06/2023	Open			Accounts Payable	Cintas First Aid & Safety	709.17	
268452	07/06/2023	Open			Accounts Payable	Comcast	188.35	
268453	07/06/2023	Open			Accounts Payable	Comcast	204.85	
268454	07/06/2023	Open			Accounts Payable	Comcast	9,157.60	
268455	07/06/2023	Open			Accounts Payable	Consumers Energy Company	1,164.83	
268456	07/06/2023	Open			Accounts Payable	Detroit Mom	1,200.00	
268457	07/06/2023	Open			Accounts Payable	Displays2Go	373.51	
268458	07/06/2023	Open			Accounts Payable	DTE Energy	6,874.69	
268459	07/06/2023	Open			Accounts Payable	DTE Energy	4,488.36	
268460	07/06/2023	Open			Accounts Payable	DTE Energy	1,755.51	
268461	07/06/2023	Open			Accounts Payable	DTE Energy	4,039.13	
268462	07/06/2023	Open			Accounts Payable	DTE Energy	2,035.78	
268463	07/06/2023	Open			Accounts Payable	Ferry Farms	975.00	
268464	07/06/2023	Open			Accounts Payable	Gordon Food Service	18,423.51	
268465	07/06/2023	Open			Accounts Payable	Grainger Inc	4,177.10	
268466	07/06/2023	Open			Accounts Payable	Graph-X Signs and Designs, Inc	1,398.00	
268467	07/06/2023	Open			Accounts Payable	Great Lakes Turf LLC	1,449.35	
268468	07/06/2023	Open			Accounts Payable	Greater Romeo Washington, The	105.00	
268469	07/06/2023	Open			Accounts Payable	Harrell's LLC	2,175.46	
268470	07/06/2023	Open			Accounts Payable	Hi-Tech Safe & Lock Company	200.00	
268471	07/06/2023	Open			Accounts Payable	Holocene Environmental LLC	1,290.00	
268472	07/06/2023	Open			Accounts Payable	Identity Source, The	12,300.13	
268473	07/06/2023	Open			Accounts Payable	Inch Memorials	268.50	
268474	07/06/2023	Open			Accounts Payable	Integrity Shows Inc.	1,450.00	

Payment Register

Payment Dates 07/01/23 - 07/31/23

Number	Date	Status	Void Reason	Reconciled/ Voided Date	Source	Payee Name	Transaction Amount	Difference
Bank Account 1-Comerica - Comerica Bank Checking								
Payment Type Check								
268475	07/06/2023	Open			Accounts Payable	J&T Crova Towing	200.00	
268476	07/06/2023	Open			Accounts Payable	Kronos SaaShr, Inc.	3,176.80	
268477	07/06/2023	Open			Accounts Payable	Leonard's Syrups	1,737.80	
268478	07/06/2023	Open			Accounts Payable	Lowe's	538.64	
268479	07/06/2023	Open			Accounts Payable	Lower Huron Supply Co.	2,904.37	
268480	07/06/2023	Open			Accounts Payable	Lyden Oil Company	1,675.55	
268481	07/06/2023	Open			Accounts Payable	Macomb Intermediate School District	100.00	
268482	07/06/2023	Open			Accounts Payable	Magnum Helicopters	9,730.00	
268483	07/06/2023	Open			Accounts Payable	Mahoning Valley Mfg. Inc	2,414.85	
268484	07/06/2023	Open			Accounts Payable	Major Group, The	2,000.00	
268485	07/06/2023	Open			Accounts Payable	Metro Environmental Services, Inc.	3,996.25	
268486	07/06/2023	Open			Accounts Payable	Midstates Recreation	2,645.00	
268487	07/06/2023	Open			Accounts Payable	Midwest Golf & Turf	5,441.49	
268488	07/06/2023	Open			Accounts Payable	Munsell Farms	300.00	
268489	07/06/2023	Open			Accounts Payable	Natural Community Services	26,942.00	
268490	07/06/2023	Open			Accounts Payable	Navia Benefit Solutions	95.00	
268491	07/06/2023	Open			Accounts Payable	Oakland County	216.00	
268492	07/06/2023	Open			Accounts Payable	Occupational Health Centers of MI	1,822.00	
268493	07/06/2023	Open			Accounts Payable	ODP Business Solutions. LLC	551.71	
268494	07/06/2023	Open			Accounts Payable	Penchura, LLC	41.15	
268495	07/06/2023	Open			Accounts Payable	Ralph's Wholesale Live Bait	150.00	
268496	07/06/2023	Open			Accounts Payable	RKA Petroleum Co's	9,361.79	
268497	07/06/2023	Open			Accounts Payable	SiteOne Landscape Co	849.56	
268498	07/06/2023	Open			Accounts Payable	Spartan Distributors Inc	1,954.28	
268499	07/06/2023	Open			Accounts Payable	Sterling Office Systems	1,712.07	
268500	07/06/2023	Open			Accounts Payable	Superior Invasive Plant Solutions, LLC	3,558.75	
268501	07/06/2023	Open			Accounts Payable	Time To Play Rentals	185.00	
268502	07/06/2023	Open			Accounts Payable	Tri-County Supply, Inc	152.06	
268503	07/06/2023	Open			Accounts Payable	Tyler Technologies	243.75	
268504	07/06/2023	Open			Accounts Payable	Ulliance	3,859.00	
268505	07/06/2023	Open			Accounts Payable	Wensco of MI Corp DBA: Wensco Sign	3,013.04	
268506	07/13/2023	Open			Accounts Payable	3Sixty Interactive, Inc	17,299.00	
268507	07/13/2023	Open			Accounts Payable	AccordWare LLC	1,569.00	
268508	07/13/2023	Open			Accounts Payable	Acee Deucee Porta Can Div	1,140.00	
268509	07/13/2023	Open			Accounts Payable	Advance Auto Parts	541.91	
268510	07/13/2023	Open			Accounts Payable	Advanced Turf Solutions	173.48	

Payment Register

Payment Dates 07/01/23 - 07/31/23

Number	Date	Status	Void Reason	Reconciled/ Voided Date	Source	Payee Name	Transaction Amount	Difference
Bank Account 1-Comerica - Comerica Bank Checking								
Payment Type Check								
268511	07/13/2023	Open			Accounts Payable	Allen's Bowling & Trophy	10.00	
268512	07/13/2023	Open			Accounts Payable	Allie Brothers, Inc	582.87	
268513	07/13/2023	Open			Accounts Payable	Allied Incorporated	542.50	
268514	07/13/2023	Open			Accounts Payable	American Fireworks Company	53,000.00	
268515	07/13/2023	Open			Accounts Payable	American Red Cross	365.00	
268516	07/13/2023	Open			Accounts Payable	Andersen, David	550.00	
268517	07/13/2023	Open			Accounts Payable	Applied Innovation	81.65	
268518	07/13/2023	Open			Accounts Payable	Aspen Outdoors	8,372.40	
268519	07/13/2023	Open			Accounts Payable	AT&T	502.50	
268520	07/13/2023	Open			Accounts Payable	Audacy Operations, Inc	3,200.00	
268521	07/13/2023	Open			Accounts Payable	Aventric Technologies	417.00	
268522	07/13/2023	Open			Accounts Payable	Beasley Media Group, LLC	3,250.00	
268523	07/13/2023	Open			Accounts Payable	Bibby, Jason	200.00	
268524	07/13/2023	Open			Accounts Payable	Blue Cross/Blue Shield Of Mich	191,529.77	
268525	07/13/2023	Open			Accounts Payable	Bridgestone Golf Inc	823.67	
268526	07/13/2023	Open			Accounts Payable	Brighton Analytical Inc.	125.00	
268527	07/13/2023	Open			Accounts Payable	Brighton Ford Inc.	1,536.33	
268528	07/13/2023	Open			Accounts Payable	Broner	3,759.00	
268529	07/13/2023	Open			Accounts Payable	Bush & Son Grading & Excavating, Inc	205.20	
268530	07/13/2023	Open			Accounts Payable	Carefree Lawn Center Inc	408.00	
268531	07/13/2023	Open			Accounts Payable	Carleton Equipment Co	216.25	
268532	07/13/2023	Open			Accounts Payable	Carleton Farms Landfill	49.71	
268533	07/13/2023	Open			Accounts Payable	Cedar Crest Dairy Inc	2,604.60	
268534	07/13/2023	Open			Accounts Payable	CentralStar Cooperative	168.75	
268535	07/13/2023	Open			Accounts Payable	CRC Contractors Rental Corp	1,997.28	
268536	07/13/2023	Open			Accounts Payable	Dell Marketing LP	1,587.40	
268537	07/13/2023	Open			Accounts Payable	Depatie Fluid Power Company	106.63	
268538	07/13/2023	Open			Accounts Payable	DTE Energy	441.66	
268539	07/13/2023	Open			Accounts Payable	DTE Energy	599.64	
268540	07/13/2023	Open			Accounts Payable	DTE Energy	1,768.27	
268541	07/13/2023	Open			Accounts Payable	DTE Energy	7,351.11	
268542	07/13/2023	Open			Accounts Payable	DTE Energy	102.61	
268543	07/13/2023	Open			Accounts Payable	Dynamic Brands	1,224.99	
268544	07/13/2023	Open			Accounts Payable	E-Z-GO Textron	491.25	
268545	07/13/2023	Open			Accounts Payable	Face Flair LLC	500.00	
268546	07/13/2023	Open			Accounts Payable	Feldman Chevrolet of New Hudson	2,491.69	

Payment Register

Payment Dates 07/01/23 - 07/31/23

Number	Date	Status	Void Reason	Reconciled/ Voided Date	Source	Payee Name	Transaction Amount	Difference
Bank Account 1-Comerica - Comerica Bank Checking								
Payment Type Check								
268547	07/13/2023	Open			Accounts Payable	Ferry Farms	520.00	
268548	07/13/2023	Open			Accounts Payable	Fidelity Security Life Insurance Co.	1,782.72	
268549	07/13/2023	Open			Accounts Payable	Fraser Mechanical, Inc.	12,229.32	
268550	07/13/2023	Open			Accounts Payable	Gabriel Roeder Smith & Co	34,000.00	
268551	07/13/2023	Open			Accounts Payable	Gamble, Ronald	219.45	
268552	07/13/2023	Open			Accounts Payable	Gordon Food Service	11,511.33	
268553	07/13/2023	Open			Accounts Payable	Gorno Ford	60,225.00	
268554	07/13/2023	Open			Accounts Payable	Graph-X Signs and Designs, Inc	25.00	
268555	07/13/2023	Open			Accounts Payable	Graphik Concepts	2,212.68	
268556	07/13/2023	Open			Accounts Payable	Growing Solutions, Inc	3,225.00	
268557	07/13/2023	Open			Accounts Payable	Guernsey Dairy Stores, Inc.	627.10	
268558	07/13/2023	Open			Accounts Payable	Haberkorn Adam	75.00	
268559	07/13/2023	Open			Accounts Payable	Harrell's LLC	80,130.09	
268560	07/13/2023	Open			Accounts Payable	Health Advocate Solutions Inc	340.80	
268561	07/13/2023	Open			Accounts Payable	Herkimer Radio Service	269.00	
268562	07/13/2023	Open			Accounts Payable	Home City Ice Company	483.55	
268563	07/13/2023	Open			Accounts Payable	Home Depot	4,344.38	
268564	07/13/2023	Open			Accounts Payable	Hubbell, Roth & Clark, Inc.	39,431.62	
268565	07/13/2023	Open			Accounts Payable	Identity Source, The	812.60	
268566	07/13/2023	Open			Accounts Payable	Knight's Auto Supply Inc	959.08	
268567	07/13/2023	Open			Accounts Payable	Lansing Sanitary Supply	897.70	
268568	07/13/2023	Open			Accounts Payable	Law Enforcement Seminars, LLC	425.00	
268569	07/13/2023	Open			Accounts Payable	Major Group, The	4,500.00	
268570	07/13/2023	Open			Accounts Payable	Mast, Daniel	1,070.00	
268571	07/13/2023	Open			Accounts Payable	Michigan Municipal Risk Mgt	450.00	
268572	07/13/2023	Open			Accounts Payable	Mr. C's Car Wash #4 LLC	54.00	
268573	07/13/2023	Open			Accounts Payable	Muchmore Harrington Smalley and	5,000.00	
268574	07/13/2023	Open			Accounts Payable	National Composites	1,966.72	
268575	07/13/2023	Open			Accounts Payable	nexVortex, Inc	5,600.85	
268576	07/13/2023	Open			Accounts Payable	Occupational Health Centers of MI	1,708.00	
268577	07/13/2023	Open			Accounts Payable	Parkey, Vanessa	500.00	
268578	07/13/2023	Open			Accounts Payable	Pepsi-Cola Company	15,046.01	
268579	07/13/2023	Open			Accounts Payable	Phillips, Timothy	438.73	
268580	07/13/2023	Open			Accounts Payable	Premier Safety	800.00	
268581	07/13/2023	Open			Accounts Payable	Quality Incentive Company	1,100.00	
268582	07/13/2023	Open			Accounts Payable	R&R Products, Inc.	34.29	

Payment Register

Payment Dates 07/01/23 - 07/31/23

Number	Date	Status	Void Reason	Reconciled/ Voided Date	Source	Payee Name	Transaction Amount	Difference
Bank Account 1-Comerica - Comerica Bank Checking								
Payment Type Check								
268583	07/13/2023	Open			Accounts Payable	Ray Wiegand's Nursery Inc	300.00	
268584	07/13/2023	Open			Accounts Payable	Richmond New Holland	204.38	
268585	07/13/2023	Open			Accounts Payable	Richmond Transport Inc	1,075.00	
268586	07/13/2023	Open			Accounts Payable	RKA Petroleum Co's	26,924.02	
268587	07/13/2023	Voided	Cancel invoice	07/14/2023	Accounts Payable	Roberts Dairy Service, Inc	517.04	
268588	07/13/2023	Open			Accounts Payable	Skye Dog LLC	623.50	
268589	07/13/2023	Open			Accounts Payable	Soraghan, James	80.00	
268590	07/13/2023	Open			Accounts Payable	Southeastern Equipment Co. Inc	1,487.56	
268591	07/13/2023	Open			Accounts Payable	Steven Wagner Plumbing, LLC	3,900.00	
268592	07/13/2023	Open			Accounts Payable	SupplyDen	718.98	
268593	07/13/2023	Open			Accounts Payable	T Mobile	2,650.89	
268594	07/13/2023	Open			Accounts Payable	Target Specialty Products	1,078.60	
268595	07/13/2023	Open			Accounts Payable	TireHub, LLC	1,223.28	
268596	07/13/2023	Open			Accounts Payable	Town & Country Pools, Inc.	3,148.50	
268597	07/13/2023	Open			Accounts Payable	Trinity Transportation	535.50	
268598	07/13/2023	Voided	Cancel invoice	07/14/2023	Accounts Payable	Ulliance	3,548.90	
268599	07/13/2023	Open			Accounts Payable	US Bank Equipment Finance	797.33	
268600	07/13/2023	Open			Accounts Payable	US Foods	32,278.34	
268601	07/13/2023	Open			Accounts Payable	VelocityEHS	3,825.03	
268602	07/13/2023	Open			Accounts Payable	Verizon Wireless	40.01	
268603	07/13/2023	Open			Accounts Payable	Warren Pipe & Supply Co	54.03	
268604	07/13/2023	Open			Accounts Payable	Washington Elevator Co Inc	1,080.88	
268605	07/13/2023	Open			Accounts Payable	Waste Mgmt - East	18,529.86	
268606	07/13/2023	Open			Accounts Payable	WDIV	5,300.00	
268607	07/13/2023	Open			Accounts Payable	Webster & Garner Inc.	1,389.56	
268608	07/13/2023	Open			Accounts Payable	Welsh, Lisa	10.00	
268609	07/13/2023	Open			Accounts Payable	WJBK TV	1,800.00	
268610	07/20/2023	Open			Accounts Payable	Adams Outdoor Advertising LP	5,000.00	
268611	07/20/2023	Open			Accounts Payable	Advanced Safe and Lock	188.00	
268612	07/20/2023	Open			Accounts Payable	Advanced Turf Solutions	909.80	
268613	07/20/2023	Open			Accounts Payable	AIS Construction Equipment Corp	811.35	
268614	07/20/2023	Open			Accounts Payable	Aquatic Source	17,301.69	
268615	07/20/2023	Open			Accounts Payable	AT&T	2,515.00	
268616	07/20/2023	Open			Accounts Payable	AT&T	2,430.23	
268617	07/20/2023	Open			Accounts Payable	AT&T Mobility	4,597.80	
268618	07/20/2023	Open			Accounts Payable	AT&T Mobility	2,591.01	

Payment Register

Payment Dates 07/01/23 - 07/31/23

Number	Date	Status	Void Reason	Reconciled/ Voided Date	Source	Payee Name	Transaction Amount	Difference
Bank Account 1-Comerica - Comerica Bank Checking								
Payment Type Check								
268619	07/20/2023	Open			Accounts Payable	Bolin Jr, William Jackson	250.00	
268620	07/20/2023	Open			Accounts Payable	C&G Newspapers	6,097.60	
268621	07/20/2023	Open			Accounts Payable	Chelsea, City of	162.00	
268622	07/20/2023	Open			Accounts Payable	Classic Driving School, Inc	2,250.00	
268623	07/20/2023	Open			Accounts Payable	CMP Distributors Inc	2,098.00	
268624	07/20/2023	Open			Accounts Payable	Community Publishing & Marketing LTD	350.00	
268625	07/20/2023	Open			Accounts Payable	Crest Ford	2,916.44	
268626	07/20/2023	Open			Accounts Payable	Dell Marketing LP	248.19	
268627	07/20/2023	Open			Accounts Payable	Delta Dental	17,299.52	
268628	07/20/2023	Open			Accounts Payable	Double D Electric LLC	2,200.00	
268629	07/20/2023	Open			Accounts Payable	DTE Energy	224.75	
268630	07/20/2023	Open			Accounts Payable	DTE Energy	3,076.66	
268631	07/20/2023	Open			Accounts Payable	DTE Energy	3,835.92	
268632	07/20/2023	Open			Accounts Payable	DTE Energy	11,853.07	
268633	07/20/2023	Open			Accounts Payable	Easy Picker Golf Products, Inc	1,011.34	
268634	07/20/2023	Open			Accounts Payable	Effectv	4,195.20	
268635	07/20/2023	Open			Accounts Payable	Ehrlich	1,260.42	
268636	07/20/2023	Open			Accounts Payable	Elite Laboratories, Inc	340.00	
268637	07/20/2023	Open			Accounts Payable	FleetPride	94.00	
268638	07/20/2023	Open			Accounts Payable	Fraser Mechanical, Inc.	4,245.81	
268639	07/20/2023	Open			Accounts Payable	Grainger Inc	8,131.39	
268640	07/20/2023	Open			Accounts Payable	Graph-X Signs and Designs, Inc	235.00	
268641	07/20/2023	Open			Accounts Payable	Guernsey Dairy Stores, Inc.	659.05	
268642	07/20/2023	Open			Accounts Payable	Hans Auto Electric, Inc.	420.00	
268643	07/20/2023	Open			Accounts Payable	Harrison Township	46,582.52	
268644	07/20/2023	Open			Accounts Payable	Highland Wash Management LLC	104.00	
268645	07/20/2023	Open			Accounts Payable	Huron Charter Township	17,449.10	
268646	07/20/2023	Open			Accounts Payable	Huron Valley Guns LLC	171.99	
268647	07/20/2023	Open			Accounts Payable	Hutson Inc of Michigan	345.46	
268648	07/20/2023	Open			Accounts Payable	Identity Source, The	1,286.59	
268649	07/20/2023	Open			Accounts Payable	Impressive Promotional Products, LLC	1,915.00	
268650	07/20/2023	Open			Accounts Payable	Jax Kar Wash	150.00	
268651	07/20/2023	Open			Accounts Payable	Kennedy Industries Inc	2,754.00	
268652	07/20/2023	Open			Accounts Payable	Kitch Drutchas Wagner Valitutti &	1,200.00	
268653	07/20/2023	Open			Accounts Payable	Kowalski, Katie	580.02	
268654	07/20/2023	Open			Accounts Payable	Little Guide LLC	5,000.00	

Payment Register

Payment Dates 07/01/23 - 07/31/23

Number	Date	Status	Void Reason	Reconciled/ Voided Date	Source	Payee Name	Transaction Amount	Difference
Bank Account 1-Comerica - Comerica Bank Checking								
Payment Type Check								
268655	07/20/2023	Open			Accounts Payable	Livingston County Treasurer	296.02	
268656	07/20/2023	Open			Accounts Payable	Local 1700 UAW	500.00	
268657	07/20/2023	Open			Accounts Payable	Macomb County Treasurer	249.09	
268658	07/20/2023	Open			Accounts Payable	Major Group, The	2,000.00	
268659	07/20/2023	Open			Accounts Payable	Marans, Robert W	250.00	
268660	07/20/2023	Open			Accounts Payable	Messina Trucking, Inc.	2,756.00	
268661	07/20/2023	Open			Accounts Payable	Michigan.Com	7,625.00	
268662	07/20/2023	Open			Accounts Payable	Midwest Golf & Turf	3,997.34	
268663	07/20/2023	Open			Accounts Payable	Moment Strategies	13,000.00	
268664	07/20/2023	Open			Accounts Payable	MOSS Audio Corporation	626.40	
268665	07/20/2023	Open			Accounts Payable	Motion & Control Enterprises LLC	144.20	
268666	07/20/2023	Open			Accounts Payable	NAPCH	400.00	
268667	07/20/2023	Open			Accounts Payable	National Pickup & Delivery, LLC	1,590.00	
268668	07/20/2023	Open			Accounts Payable	ODP Business Solutions. LLC	1,666.62	
268669	07/20/2023	Open			Accounts Payable	Outfront Media Inc.	12,370.00	
268670	07/20/2023	Open			Accounts Payable	Painting With A Twist - Farmington	300.00	
268671	07/20/2023	Open			Accounts Payable	Parker, Jr, Bernard	250.00	
268672	07/20/2023	Open			Accounts Payable	Pinckney Auto Wash LLC	90.00	
268673	07/20/2023	Open			Accounts Payable	Quadrozzi, Jaye	250.00	
268674	07/20/2023	Open			Accounts Payable	Ralph's Wholesale Live Bait	150.00	
268675	07/20/2023	Open			Accounts Payable	RKA Petroleum Co's	34,945.03	
268676	07/20/2023	Open			Accounts Payable	Roberts Dairy Service, Inc	517.25	
268677	07/20/2023	Open			Accounts Payable	Rosy Brothers, Inc.	1,346.61	
268678	07/20/2023	Open			Accounts Payable	RTI Laboratories Inc	562.00	
268679	07/20/2023	Open			Accounts Payable	SaniCrete	5,000.00	
268680	07/20/2023	Open			Accounts Payable	Southern Wayne County Regional Chamber	455.00	
268681	07/20/2023	Open			Accounts Payable	Spartan Distributors Inc	5,612.82	
268682	07/20/2023	Open			Accounts Payable	Spotless Lamb LLC	1,108.56	
268683	07/20/2023	Open			Accounts Payable	Sunbelt Rentals, Inc.	2,288.14	
268684	07/20/2023	Open			Accounts Payable	SwimOutlet.com	2,952.15	
268685	07/20/2023	Open			Accounts Payable	Taylor, Tiffany	250.00	
268686	07/20/2023	Open			Accounts Payable	Town & Country Pools, Inc.	6,817.00	
268687	07/20/2023	Open			Accounts Payable	Uline Shipping Supplies	260.56	
268688	07/20/2023	Open			Accounts Payable	Ulliance	3,548.50	
268689	07/20/2023	Open			Accounts Payable	United Rentals	690.00	
268690	07/20/2023	Open			Accounts Payable	Van Buren Township	9,014.89	

Payment Register

Payment Dates 07/01/23 - 07/31/23

Number	Date	Status	Void Reason	Reconciled/ Voided Date	Source	Payee Name	Transaction Amount	Difference
Bank Account 1-Comerica - Comerica Bank Checking								
Payment Type Check								
268691	07/20/2023	Open			Accounts Payable	Vermont Systems Inc (VSI)	3,703.09	
268692	07/20/2023	Open			Accounts Payable	Wayne Westland Comm Schools	372.80	
268693	07/20/2023	Open			Accounts Payable	WDIV	500.00	
268694	07/20/2023	Open			Accounts Payable	WHMI	1,320.00	
268695	07/20/2023	Open			Accounts Payable	WJBK TV	5,700.00	
268696	07/20/2023	Open			Accounts Payable	WJR-AM, WDVD-FM, WDRQ-FM	980.00	
268697	07/20/2023	Open			Accounts Payable	WXYZ WMYD	3,333.34	
268698	07/27/2023	Open			Accounts Payable	Absopure Water Company	127.60	
268699	07/27/2023	Open			Accounts Payable	Al's Asphalt Paving Co.	522,153.34	
268700	07/27/2023	Open			Accounts Payable	Baxter Credit Union	320.91	
268701	07/27/2023	Open			Accounts Payable	Bernco, Inc.	59,222.70	
268702	07/27/2023	Open			Accounts Payable	Blue Care Network of Michigan	20,250.35	
268703	07/27/2023	Open			Accounts Payable	Brown City Elevator, Inc	1,835.40	
268704	07/27/2023	Open			Accounts Payable	Brownstown Township Water Dept	7,954.90	
268705	07/27/2023	Open			Accounts Payable	Cedar Crest Dairy Inc	1,495.85	
268706	07/27/2023	Open			Accounts Payable	Consumers Energy Company	2,807.52	
268707	07/27/2023	Open			Accounts Payable	Dalco Services, LLC	33,586.22	
268708	07/27/2023	Open			Accounts Payable	DTE Energy	30,426.86	
268709	07/27/2023	Open			Accounts Payable	DTE Energy	60.29	
268710	07/27/2023	Open			Accounts Payable	DTE Energy	1,244.19	
268711	07/27/2023	Open			Accounts Payable	DTE Energy	1,554.05	
268712	07/27/2023	Open			Accounts Payable	Ferry Farms	455.00	
268713	07/27/2023	Open			Accounts Payable	FJF Door Sales Company	522.00	
268714	07/27/2023	Open			Accounts Payable	Goose Busters of Michigan LLC	3,042.00	
268715	07/27/2023	Open			Accounts Payable	Gordon Food Service	11,620.84	
268716	07/27/2023	Open			Accounts Payable	GZA Michigan, Inc	2,320.00	
268717	07/27/2023	Open			Accounts Payable	HL Powersports	365.81	
268718	07/27/2023	Open			Accounts Payable	Home City Ice Company	483.45	
268719	07/27/2023	Open			Accounts Payable	Hubbell, Roth & Clark, Inc.	65,812.67	
268720	07/27/2023	Open			Accounts Payable	Janssen Refrigeration Co Inc	936.02	
268721	07/27/2023	Open			Accounts Payable	John's Sanitation Inc.	3,130.00	
268722	07/27/2023	Open			Accounts Payable	Leonard's Syrups	1,567.20	
268723	07/27/2023	Open			Accounts Payable	Lowe's	124.38	
268724	07/27/2023	Open			Accounts Payable	Lower Huron Supply Co.	1,713.42	
268725	07/27/2023	Open			Accounts Payable	Macionski, Mary	9.00	
268726	07/27/2023	Open			Accounts Payable	Macomb County Department of Roads	18.88	

Payment Register

Payment Dates 07/01/23 - 07/31/23

Number	Date	Status	Void Reason	Reconciled/ Voided Date	Source	Payee Name	Transaction Amount	Difference
Bank Account 1-Comerica - Comerica Bank Checking								
Payment Type Check								
268727	07/27/2023	Open			Accounts Payable	Merritt Academy	392.70	
268728	07/27/2023	Open			Accounts Payable	Oakland County	312.00	
268729	07/27/2023	Open			Accounts Payable	Oakland County Treasurer	13,593.25	
268730	07/27/2023	Open			Accounts Payable	Original Watermen	62.45	
268731	07/27/2023	Open			Accounts Payable	PB Plumbing and Water Conditioning	499.00	
268732	07/27/2023	Open			Accounts Payable	PEA Group	6,787.48	
268733	07/27/2023	Open			Accounts Payable	Pepsi-Cola Company	231.97	
268734	07/27/2023	Open			Accounts Payable	Police Officers Association	195.42	
268735	07/27/2023	Open			Accounts Payable	Police Officers Labor Council	1,750.69	
268736	07/27/2023	Open			Accounts Payable	Rickle, Joseph	41.20	
268737	07/27/2023	Open			Accounts Payable	Russ Milne Ford Inc.	3,643.94	
268738	07/27/2023	Open			Accounts Payable	SEI Private Trust Company	5,340.06	
268739	07/27/2023	Open			Accounts Payable	Tapp, Quinn	132.90	
268740	07/27/2023	Open			Accounts Payable	Wilson Sporting Goods Company	962.77	
Payment Type Check Totals 302 Payments							\$2,034,453.38	
Payment Type EFT								
5131	07/07/2023	Open			Accounts Payable	Equitable - Individual	5,850.00	
5132	07/07/2023	Open			Accounts Payable	HCMA Flexible Spending	737.33	
5133	07/07/2023	Open			Accounts Payable	Health Equity Employer Services	15,842.47	
5134	07/07/2023	Open			Accounts Payable	Michigan , State of	46,209.88	
5135	07/07/2023	Open			Accounts Payable	MISDU	2,594.79	
5136	07/07/2023	Open			Accounts Payable	United States Treasury	278,841.80	
5137	07/07/2023	Open			Accounts Payable	Vantagepoint Transfer Agents	7,701.80	
5138	07/07/2023	Open			Accounts Payable	Vantagepoint Transfer Agents	23,810.26	
5139	07/07/2023	Open			Accounts Payable	Vantagepoint Transfer Agents	24,126.00	
5140	07/07/2023	Open			Accounts Payable	Vantagepoint Transfer Agents	14,979.44	
5141	07/10/2023	Open			Accounts Payable	Fifth Third Bank	174,027.27	
5142	07/10/2023	Open			Accounts Payable	Michigan Municipal Risk Mgt	176,005.50	
5143	07/06/2023	Open			Accounts Payable	Rave Associates	361.20	
5144	07/05/2023	Open			Accounts Payable	Daniel L Jacob & Co., Inc	235.65	
5145	07/05/2023	Open			Accounts Payable	O&W, INC.	364.20	
5146	07/05/2023	Open			Accounts Payable	Rave Associates	268.80	
5147	07/06/2023	Open			Accounts Payable	O&W, INC.	719.10	
5148	07/06/2023	Open			Accounts Payable	Rave Associates	471.40	
5149	07/06/2023	Open			Accounts Payable	O&W, INC.	587.40	
5150	07/06/2023	Open			Accounts Payable	West Side Beer Distributing	669.10	

Payment Register

Payment Dates 07/01/23 - 07/31/23

Number	Date	Status	Void Reason	Reconciled/ Voided Date	Source	Payee Name	Transaction Amount	Difference
Bank Account 1-Comerica - Comerica Bank Checking								
Payment Type EFT								
5151	07/06/2023	Open			Accounts Payable	Rave Associates	256.00	
5152	07/01/2023	Open			Accounts Payable	Michigan , State of	204.00	
5153	07/01/2023	Open			Accounts Payable	O&W, INC.	816.10	
5154	07/01/2023	Open			Accounts Payable	Floral City Beverage, Inc	394.20	
5155	07/01/2023	Open			Accounts Payable	Rave Associates	278.60	
5156	07/01/2023	Open			Accounts Payable	Michigan , State of	643.80	
5157	07/06/2023	Open			Accounts Payable	O&W, INC.	1,225.05	
5158	07/06/2023	Open			Accounts Payable	Floral City Beverage, Inc	966.00	
5159	07/06/2023	Open			Accounts Payable	Rave Associates	575.70	
5160	07/06/2023	Open			Accounts Payable	Michigan , State of	446.40	
5161	07/01/2023	Open			Accounts Payable	Great Lakes Wine & Spirits LLC	908.10	
5162	07/11/2023	Open			Accounts Payable	Tri-County Beverage	303.50	
5163	07/11/2023	Open			Accounts Payable	Premium Dist Of Michigan	247.60	
5164	07/11/2023	Open			Accounts Payable	Premium Dist Of Michigan	88.80	
5165	07/01/2023	Open			Accounts Payable	Fabiano Bros. Inc	389.55	
5166	07/01/2023	Open			Accounts Payable	Rave Associates	320.00	
5167	07/11/2023	Open			Accounts Payable	Michigan , State of	314.40	
5168	07/01/2023	Open			Accounts Payable	Premium Dist Of Michigan	263.20	
5169	07/01/2023	Open			Accounts Payable	Tri-County Beverage	314.05	
5170	07/01/2023	Open			Accounts Payable	Michigan , State of	204.00	
5171	07/10/2023	Open			Accounts Payable	Fintech	122.64	
5172	07/01/2023	Open			Accounts Payable	M4 C.I.C., LLC	470.00	
5173	07/01/2023	Open			Accounts Payable	M4 C.I.C., LLC	40.00	
5174	07/12/2023	Open			Accounts Payable	O&W, INC.	597.50	
5175	07/12/2023	Open			Accounts Payable	Rave Associates	686.05	
5176	07/01/2023	Open			Accounts Payable	Daniel L Jacob & Co., Inc	176.70	
5177	07/13/2023	Open			Accounts Payable	O&W, INC.	570.50	
5178	07/13/2023	Open			Accounts Payable	West Side Beer Distributing	480.20	
5179	07/14/2023	Open			Accounts Payable	Michigan , State of	306.00	
5180	07/14/2023	Open			Accounts Payable	Floral City Beverage, Inc	250.80	
5181	07/14/2023	Open			Accounts Payable	O&W, INC.	940.55	
5182	07/01/2023	Open			Accounts Payable	Great Lakes Wine & Spirits LLC	(9,500.00)	
5183	07/13/2023	Open			Accounts Payable	Tri-County Equipment Inc.	170.90	
5184	07/13/2023	Open			Accounts Payable	Michigan , State of	19,468.92	
5185	07/18/2023	Open			Accounts Payable	Tri-County Beverage	84.00	
5186	07/18/2023	Open			Accounts Payable	Premium Dist Of Michigan	506.20	

Payment Register

Payment Dates 07/01/23 - 07/31/23

Number	Date	Status	Void Reason	Reconciled/ Voided Date	Source	Payee Name	Transaction Amount	Difference
Bank Account 1-Comerica - Comerica Bank Checking								
Payment Type EFT								
5187	07/18/2023	Open			Accounts Payable	Fabiano Bros. Inc	734.30	
5188	07/18/2023	Open			Accounts Payable	Fabiano Bros. Inc	82.60	
5189	07/12/2023	Open			Accounts Payable	Daniel L Jacob & Co., Inc	287.70	
5190	07/12/2023	Open			Accounts Payable	O&W, INC.	660.30	
5191	07/12/2023	Open			Accounts Payable	Rave Associates	773.60	
5192	07/13/2023	Open			Accounts Payable	O&W, INC.	566.60	
5193	07/13/2023	Open			Accounts Payable	Rave Associates	252.00	
5194	07/21/2023	Open			Accounts Payable	Equitable - Individual	5,850.00	
5195	07/21/2023	Open			Accounts Payable	HCMA Flexible Spending	737.33	
5196	07/21/2023	Open			Accounts Payable	Health Equity Employer Services	15,607.00	
5197	07/21/2023	Open			Accounts Payable	Michigan , State of	49,109.12	
5198	07/21/2023	Open			Accounts Payable	MISDU	2,876.26	
5199	07/21/2023	Open			Accounts Payable	United States Treasury	297,618.62	
5200	07/21/2023	Open			Accounts Payable	Vantagepoint Transfer Agents	7,846.98	
5201	07/21/2023	Open			Accounts Payable	Vantagepoint Transfer Agents	24,336.28	
5202	07/21/2023	Open			Accounts Payable	Vantagepoint Transfer Agents	24,634.12	
5203	07/21/2023	Open			Accounts Payable	Vantagepoint Transfer Agents	16,819.16	
5204	07/21/2023	Open			Accounts Payable	West Side Beer Distributing	544.35	
5205	07/21/2023	Open			Accounts Payable	O&W, INC.	411.20	
5206	07/24/2023	Open			Accounts Payable	O&W, INC.	1,280.45	
5207	07/24/2023	Open			Accounts Payable	Floral City Beverage, Inc	506.60	
5208	07/24/2023	Open			Accounts Payable	Rave Associates	650.60	
5209	07/24/2023	Open			Accounts Payable	Michigan , State of	204.00	
5210	07/24/2023	Open			Accounts Payable	Rave Associates	256.00	
5211	07/24/2023	Open			Accounts Payable	Petitpren Inc.	194.35	
5212	07/24/2023	Open			Accounts Payable	Premium Dist Of Michigan	127.20	
5213	07/24/2023	Open			Accounts Payable	Petitpren Inc.	197.90	
5214	07/24/2023	Open			Accounts Payable	Tri-County Beverage	519.55	
5215	07/24/2023	Open			Accounts Payable	Rave Associates	414.00	
5216	07/19/2023	Open			Accounts Payable	O&W, INC.	257.20	
5217	07/28/2023	Open			Accounts Payable	O&W, INC.	452.70	
5218	07/28/2023	Open			Accounts Payable	West Side Beer Distributing	654.95	
5219	07/28/2023	Open			Accounts Payable	Floral City Beverage, Inc	684.20	
5220	07/28/2023	Open			Accounts Payable	O&W, INC.	1,120.45	
5221	07/28/2023	Open			Accounts Payable	Rave Associates	430.90	
5222	07/19/2023	Open			Accounts Payable	Daniel L Jacob & Co., Inc	233.40	

Payment Register

Payment Dates 07/01/23 - 07/31/23

Number	Date	Status	Void Reason	Reconciled/ Voided Date	Source	Payee Name	Transaction Amount	Difference
Bank Account 1-Comerica - Comerica Bank Checking								
Payment Type EFT								
5223	07/19/2023	Open			Accounts Payable	Rave Associates	265.10	
5224	07/19/2023	Open			Accounts Payable	Michigan , State of	204.00	
5225	07/19/2023	Open			Accounts Payable	O&W, INC.	561.20	
5226	07/19/2023	Open			Accounts Payable	Daniel L Jacob & Co., Inc	228.90	
5227	07/19/2023	Open			Accounts Payable	Rave Associates	268.80	
5228	07/19/2023	Open			Accounts Payable	Michigan , State of	398.40	
5229	07/28/2023	Open			Accounts Payable	Tri-County Beverage	470.25	
5230	07/28/2023	Open			Accounts Payable	Petitpren Inc.	161.60	
5231	07/28/2023	Open			Accounts Payable	Rave Associates	118.20	
5232	07/28/2023	Open			Accounts Payable	Premium Dist Of Michigan	133.40	
5233	07/28/2023	Open			Accounts Payable	Premium Dist Of Michigan	145.00	
5234	07/28/2023	Open			Accounts Payable	Michigan , State of	556.80	
5235	07/28/2023	Open			Accounts Payable	Great Lakes Wine & Spirits LLC	951.30	
5236	07/28/2023	Open			Accounts Payable	Michigan , State of	296.40	
5237	07/28/2023	Open			Accounts Payable	Rave Associates	428.00	
5238	07/28/2023	Open			Accounts Payable	Fabiano Bros. Inc	399.85	
5239	07/28/2023	Open			Accounts Payable	Fabiano Bros. Inc	41.30	
5240	07/28/2023	Open			Accounts Payable	Premium Dist Of Michigan	511.80	
Payment Type EFT Totals							110 Payments	<u>\$1,263,005.67</u>
Bank Account 1-Comerica - Comerica Bank Checking Totals							412 Payments	<u>\$3,297,459.05</u>

Payment Register

Payment Dates 07/01/23 - 07/31/23

Bank Account **PR - Comerica Bank Payroll**

Payment Type **Check**

<u>Status</u>	<u>Count</u>	<u>Transaction Amount</u>	<u>Reconciled Amount</u>
Open	421	224,443.44	.00
Voided	1	404.66	.00
Stopped	0	.00	.00
Totals	422	\$224,848.10	\$0.00

Payment Type **EFT**

<u>Status</u>	<u>Count</u>	<u>Transaction Amount</u>	<u>Reconciled Amount</u>
Open	1998	1,715,062.33	\$0.00
Voided	1	\$348.99	\$0.00
Totals	1,999	\$1,715,411.32	\$0.00

Bank Account **PR - Comerica Bank Payroll** Totals

<u>Status</u>	<u>Count</u>	<u>Transaction Amount</u>	<u>Reconciled Amount</u>
Open	2419	1,939,505.77	.00
Voided	2	753.65	.00
Stopped	0	.00	.00
Totals	2,421	\$1,940,259.42	\$0.00

Bernard Parker
Chairman

Amy McMillan
Director

HURON-CLINTON METROPOLITAN AUTHORITY

To: Board of Commissioners
From: Shedreka Miller, Chief of Finance
Subject: Approval – April Appropriation Amendments
Date: August 5, 2023

Action Requested: Motion to Approve

That the Board of Commissioners' approve the July 2023 Appropriation Amendments as recommended by Shedreka Miller, Chief of Finance.

Background: The Metroparks ERP system provides a work-flow process to facilitate departmental budget management. Requested transfers are initiated by Department staff and routed to the appropriate Department Head/District Superintendent for review and approval. Finance provides a final review of the approved requests to verify that they do not negatively impact Fund Balance.

For the month of July, \$78,752 was transferred between general fund accounts. Transfers were also processed within the capital project fund totaling \$121,303. Tax adjustments resulted in a net increase in fund balance of \$38,204.

The result of these changes can be seen by Accounting Function and Location in the attached chart.

Huron-Clinton Metropolitan Authority
July 2023 Appropriation Transfer Summary

Location	Expense Increase	Expense Decrease	Difference
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General Fund Transfers

Capital

Administrative Office	-	-	-
Lake St. Clair	-	-	-
Kensington	4,500	-	4,500
Lower Huron/Willow	-	-	-
Hudson Mills	-	-	-
Stony Creek	-	4,500	(4,500)
Lake Erie	-	-	-
Wolcott	-	-	-
Indian Springs	-	-	-
Huron Meadows	-	-	-
Total	\$ 4,500	\$ 4,500	\$ -

Major Maintenance

Administrative Office	-	12,526	(12,526)
Lake St. Clair	-	-	-
Kensington	2,577	-	2,577
Lower Huron/Willow	8,486	-	8,486
Hudson Mills	1,463	-	1,463
Stony Creek	-	-	-
Lake Erie	375	20,279	(19,904)
Wolcott	-	-	-
Indian Springs	-	-	-
Huron Meadows	-	-	-
Total	\$ 12,901	\$ 32,805	\$ (19,904)

Operations

Administrative Office	-	666	(666)
Lake St. Clair	21,352	11,615	9,737
Kensington	-	1,000	(1,000)
Lower Huron/Willow	8,500	9,000	(500)
Hudson Mills	6,000	1,000	5,000
Stony Creek	16,000	17,000	(1,000)
Lake Erie	-	1,000	(1,000)
Wolcott	9,333	-	9,333
Indian Springs	-	-	-
Huron Meadows	-	-	-
Total	\$ 61,185	\$ 41,281	\$ 19,904

Administrative

166	166	0
\$ 166	\$ 166	\$ 0

Total General Fund Transfers

\$ 78,752	\$ 78,752	\$ -
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Capital Project Fund Transfers

Administrative	-	37,303	(37,303)
Lake St. Clair	3,597	-	3,597
Kensington	-	-	-
Lower Huron/Willow/Oakwoods	8,212	-	8,212
Hudson Mills	1,010	-	1,010
Stony Creek	7,350	-	7,350
Lake Erie	14,436	84,000	(69,564)
Wolcott	-	-	-
Indian Springs	2,698	-	2,698
Huron Meadows	-	-	-
Total	\$ 37,303	\$ 121,303	\$ (84,000)

Tax Year	Revenue Decrease	Revenue Increase	Net
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Tax Adjustment

Current	-	40,843	(40,843)
Prior	2,639	-	2,639
Total	\$ 2,639	\$ 40,843	\$ (38,204)

HURON-CLINTON METROPOLITAN AUTHORITY

To: Board of Commissioners
From: Shedreka Miller, Chief of Finance
Subject: Report – Monthly Major Maintenance Project
Date: August 3, 2023

Action Requested: Motion to Receive and File

That the Board of Commissioners' receive and file the Major Maintenance report as submitted by Shedreka Miller and staff.

Background: The Metroparks track the costs associated with periodic or infrequent repairs or maintenance that do not meet the criteria for capitalization in a function of our chart of accounts known as major maintenance. We utilize a project accounting system to budget, record and report these costs. To provide the Board of Commissioners and the broader public with improved information surrounding major maintenance projects we have developed a monthly Major Maintenance Status Report.

This report is modeled after the revised Capital Project Fund report. The format includes the location, project title from the budget document, a brief description of the work, the original budget funding, the current amended budget, year-to-date transactions, life-to-date transactions, life-to-date encumbrance balance, the remaining budget and the project status.

Most major maintenance repairs are completed within one year. Occasionally projects require additional time to complete.

As of the end of July, quite a few projects have been contracted or started with year-to-date expenses at 44.3% of the total budget.

Attachment: July 2023 Major Maintenance Status Report

Major Maintenance Status Report											
7/31/2023											
Location	Project Title	Project Description	Original Budget Funding	Carry Over Budget Funding	Amended Budget	Year to Date Transactions	Life to Date Transactions	Life to Date Encumbrance	Remaining Budget	Project Status	
Lake St Clair	North/South Marina Dock Electrical	Replace electrical conductors that feed the power to the pedestals for boaters at the North Marina rental slips. Current electrical has been damaged due to high water levels	150,000	-	18,171	2,412	18,171	0	0		
Lake St Clair	East Boardwalk Resurface replacement - Phase 3	Continuation of decking Replacement and Repairs	350,000	-	380,089	366,920	372,210	0	7,879		
Lake St Clair	Stormwater Drainage Repairs on Culverts	Replacement of deteriorated culverts throughout the park	45,000	-	0	0	0	0	0		
Lake St Clair	Culvert Replacemet (CUL-LSC-002, 009, 029)	Replacement of old deteriorated culverts-part of plan	26,191	-	0	0	0	0	0		
Lake St Clair	Replace Surfside Shelter with Accessible Shelter	Replace Surfside with accessible shelter	85,000	-	0	0	0	0	0		
Lake St Clair	Hike/Bike Path crack repairs throughout Park	Hike / Bike path crack repairs	55,000	-	0	0	0	0	0		
Kensington	Dam Concrete Work	Fix concrete spalling	247,000	-	3,698	0	3,698	0	0		
Kensington	Restripe roadways/crosswalks parkwide, accessible parking	Replacement of faded pavement markings	-	24,543	31,248	6,706	5,729	24,543	975		
Kensington	Repainting of Sprayzone towers and fence (at Martindale)	Painting of steel structures and fencing	-	88,600	101,522	97,399	101,522	0	(0)		
Kensington	Golf Course Cart Path Milling	Grind Cart Path	-	37,781	37,781	0	2,219	0	35,562		
Kensington	Golf Course Supplemental Irrigation Well	Replace well that supplies water to irrigate golf course	-	22,580	22,580	14,957	14,957	7,623	0		
Kensington	Park Office Well Repair	Unexpected repair of Well at the Park office	-	-	12,871	12,781	12,781	0	90		
Kensington	East Boat Launch Pump 2 Repair	Unexpected repair of Pump at East Boat Launch	-	-	13,995	13,995	13,995	0	0		
Kensington	Mulch Installation	Mulch installation parkwide	21,450	-	23,563	23,563	23,563	0	0		
Kensington	East Boat Launch Pump 1 repair	Emergency Repair to Pump at East Boat Launch	-	-	16,490	5,835	5,835	10,655	0		
Kensington	Dam Safety Logs	Aluminum Stop Logs for Dam Safety	92,500	-	64,261	0	0	64,261	0		
Kensington	Trail Improvement - Martindale north to Shore Fishing	Replaces the existing failing asphalt surface on the bike trail	427,000	-	0	0	0	0	0		
Kensington	Boat Launch Building & Seawall Repairs	Repairs to the steel on the existing seawall	30,000	-	0	0	0	0	0		
Kensington	Replace culverts (CUL-Ken-041,85,89)	Replacement of old deteriorated culverts	17,000	-	0	0	0	0	0		
Kensington	Upgrades to Kensington Park Office	Upgrade Kensington Park Office	20,000	-	7,129	0	0	0	7,129		
Lower Huron	Turtle Cove UV Light Replacement	Replacement of ultraviolet disinfestation for pool	-	14,299	14,299	5,261	5,261	9,780	(742)		
Lower Huron	Lower Huron North End Parkway Resurfacing	Roadway surface repairs	650,000	-	595,010	548,226	548,226	0	46,784		
Lower Huron	Pump Motor Replacemet at Turtle Cove	Dam Safety Logs	-	-	35,790	35,790	35,790	0	0		
Lower Huron	Lower Huron Drainage/Culvert Replacement CUL LH 564 Camp Dr	Replacement of old deteriorated culverts	12,090	-	0	0	0	0	0		
Lower Huron	Turtle Cove Marcite Repairs - Replace remainder of Lazy River	Replace the marcite in remainder of lazy river at Turtle Cove	300,000	-	0	0	0	0	0		
Willow	Upgrades Signage for new Park Office	New Signs for park office located at Willow	15,000	-	0	0	0	0	0		
Hudson Mills	Golf Starter Building Roof Replacement	Replacement of flat roof section	-	80,000	90,033	8,591	11,320	78,625	88		
Hudson Mills	Well Replacement at Park Office/Activity Center	Emergency replacement of well	-	-	19,682	19,682	19,682	0	0		
Hudson Mills	Replace Siding & Roofs at Golf Course Shop, Chem Bldg & Cart Barn	replace old t1-11 siding with steel siding and fix roof leak around windows	160,000	-	0	0	0	0	0		
Hudson Mills	Replace Outfalls (SDC-HUD-001, 009, 016) per Storm Mgmt Plan	Replacement of stormwater discharge culvert (SDC) outfalls	14,000	-	0	0	0	0	0		
Stony Creek	Restripping of park roads, hike-bike paths & crosswalks	Restripping of pavement markings	-	35,020	35,337	35,050	35,367	0	(30)		
Stony Creek	Small Well Replacement	New well and controller for supplimental water well	30,000	-	290	0	290	0	0		
Stony Creek	Eastwood Beach-Boiler Replacement	Repalce Boiler at Eastwood Beach	40,000	-	32,316	32,316	32,316	0	0		
Stony Creek	Trail Maintenance throughout Park	Trail Maintenance throughout Park	25,000	-	25,000	25,000	25,000	0	0		
Stony Creek	Mulch Installation	Mulch installation parkwide	10,230	-	11,238	11,238	11,238	0	0		
Stony Creek	Golf Course Bunker Repairs	Bunkers have failed, need to rebuild	15,000	-	15,000	8,466	8,466	0	6,534		

7/31/2023			Original	Carry Over	Amended	Year to Date	Life to Date	Life to Date	Remaining	Project
Location	Project Title	Project Description	Budget Funding	Budget Funding	Budget	Transactions	Transactions	Encumbrance	Budget	Status
Stony Creek	Dam Safety Logs	Aluminum Stop Logs for Dam Safety	92,500	-	64,261	0	0	64,261	0	
Stony Creek	Golf Course Water Drainage Phase 3	Cut cart path/install culverts as needed - Phase 3	40,000		33,586	33,586	33,586	0	(0)	
Stony Creek	Bikepath Bridge between Winter Cove & MT Vernon	Repair bridge on bike path	80,000		0	0	0	0	0	
Stony Creek	Stormwater Drainage Repairs on Culverts	Replacement of deteriorated culverts	50,000		0	0	0	0	0	
Stony Creek	Replace Water Line to Eastwood Beach Restrooms	Current water lines are at the end of lifespan	60,000		0	0	0	0	0	
Stony Creek	Electrical Upgrades at Eastwood Beach from Transformer	Repairs made in the past, replacement of line needs to be done	120,000		0	0	0	0	0	
Stony Creek	Update Signage throughout Park	Update Signage	15,000		0	0	0	0	0	
Stony Creek	Installation of Generator at Park Office	Install generator at park office	30,000		0	0	0	0	0	
Oakwoods	Tollbooth Electrical	Electical connection to tollbooth	-	40,470	58,728	75,306	76,522	0	(17,795)	
Lake Erie	Boat Launch Sanitary Updates	Replacement of nonfunctioning sewer line and pumps	-		66,102	66,000	66,102	0	0	
Lake Erie	Dredge Marina Channel and Relocate Spoils pile	Dredging and moving of previous spoils piles	150,000		67,756	1,469	20,843	0	46,913	
Lake Erie	Museum Wall Repair	Repair of leaning pation retaining wall	-	100,000	1,602	0	1,602	0	0	
Lake Erie	Nature trail boardwalk repairs of Northern Trapper run	Replacment of deteriorated wooded boardwalk	35,000		0	0	0	0	0	
Lake Erie	Wave Pool Plaza Cement Work	Various sections of cement around wave pool plaza; to include a section of the hike bike path behind pool mechanical building. New Vendor-replaces 71221.136	-	118,492	137,974	159,040	159,536	0	(21,563)	
Lake Erie	Golf Couose Maintenance Building - Complete Siding	Complete last side of building. Three-quarters were completed in 2021	15,000	-	15,000	0	0	12,680	2,320	
Lake Erie	Replace electric wiring at Marina boat docks	Upgrade existing wiring to marina pedestals	50,000		0	0	0	0	0	
Lake Erie	SWMP Projects-Drainage/Culvert Replacement-LE036, 005, 006, 015	Replacement of deteriorated culverts	16,354		0	0	0	0	0	
Lake Erie	Golf Course Storage Bulding Siding Replacement	Reside with metal siding , current wood siding is rotting	60,000		0	0	0	0	0	Combined with 71221.134
Lake Erie	Relocate Spoils Pile at Marina	Relocate to restricted covenant area	60,000		0	0	0	0	0	
Wolcott	Fill in Raceway at Mill	Project to look at filling in the raceway beneath the Mill	-	80,000	0	0	0	0	0	
Wolcott	Funace Replacement at Cow Barn	Two failing furnaces, no longer able to find repair parts	20,000		10,800	0	0	0	10,800	Moved to Opearations, under \$10k
Wolcott	Demo & Cleanup of new aquired Wolcott Property	Demolish existing structures on newly acquired Wolcott property	50,000		0	0	0	0	0	
Indian Springs	Replace Irrigation Head control system at Golf Course	Replacement of irrigation head control system	-	105,537	105,537	105,537	105,537	0	0	
Indian Springs	Install Irrigation Head control system at Golf Course	Install Irrigation Controllers	15,000	-	9,500	0	0	9,500	0	
Indian Springs	Replace Pump intakes, Electric Panel & Connections at Golf Course	Replace pump intakes, electric panel, and connections	260,000		0	0	0	0	0	
Indian Springs	Replace Culverts (CUL-IND-22,29,34)	Repalce deteriorated culverts	16,000		0	0	0	0	0	
Huron Meadows	Golf Starter Building Roof Replacement	Replacement of the existing shingle roof on the starter building	-	83,270	129,218	90,554	120,645	0	8,573	
			\$ 4,072,315		\$ 2,307,453	\$ 1,805,677	\$ 1,892,007	\$ 281,928	\$ 133,518	

HURON-CLINTON METROPOLITAN AUTHORITY

To: Board of Commissioners
From: Shedreka Miller, Chief of Finance
Subject: Report – Monthly Capital Project Fund
Date: August 3, 2023

Action Requested: Motion to Receive and File

That the Board of Commissioners' receive and file the Capital Project Fund report as submitted by Shedreka Miller and staff.

Background: In 2018, the Board of Commissioners approved the creation of a capital project fund. To improve the information provided on specific capital improvement projects Finance is working on developing a monthly performance report.

The following columns of data are provided by project:

- Life-To-Date Total Project Budget
- Year-To-Date Total Project Expenditures
- Life-To-Date Total Project Expenditures
- Current Project Encumbrances (Funds committed through the purchase order process)
- Balance (Life-To-Date Budget less Life-To-Date Expenditures and Current Encumbrances)

This information has now been augmented to include the original budget. In addition, a page has been added which provides a more detailed description of the project as well as the current status of the project and the current estimate of what year the project will be completed. It is anticipated that this additional information will allow the Board of Commissioners as well as the general public to stay up-to-date on the capital project work underway throughout the Metroparks.

Expenditures during July 2023 were primarily related to staff working on projects. The following projects had a minor amount of contracted expenses during the month:

- Lake St Clair – Beach Restoration
- Stony Creek – Golf Course Pumphouse & Irrigation System Replacement
- Lake Erie – Shoreline & Fish Habitat Restoration

Attachment: July 2023 Capital Project Fund Update

July Capital Project Fund Report - Project Summary

Location	Original Project Title	Project Description	Amended Budget	Available Grant Funding	Project Status	Estimated Completion Year
		A natural shoreline project which will remove rip-rap, regrade slope and install native vegetation which will improved filtration of water entering the marsh and improve habitat as well as reducing erosion.			To finish in Fall	2023
Lake St Clair	Black Creek Marsh Wetland Filtration Enhancement		327,103	160,000		
Lake St Clair	Accessible Kayak Launch & Power Installation	Accessible Kayak Launch & Power Installation	56,151		Completed	2023
Lake St Clair	Backup Internet Fiber Installation	Comcast installation of underground fiber network	40,000		Completed	2023
		Assessments, cost estimates, and project development for future projects to address electrical power infrastructure upgrades and repairs.			In Design	2026
Lake St Clair	Electrical Grid Replacement		809,154			
		Multi-year EGLE grant project through 2023. Plantings and bird deterrents installation to improve water quality funding includes follow up water quality monitoring.			In Construction	2023
Lake St Clair	Beach Restoration		483,458	292,167		
		Accessible Kayak Launch - grant application has been made to Michigan Coastal Management Program.			In Construction	2023
Lake St Clair	Michigan Coastal Management Program-Accessible Launch		629,712	196,425		
Lake St Clair	Entrance/Office Road Reconstruction	Reconstruction of deteriorating Entrance Road, Office road	1,515,508		In Construction	2023
		Replace 70'-long wood structure damaged over past 3 years due to high water. Requires permits.			In Design	2023
Lake St Clair	Wood Bridge near Interpretive Center Replacement		64,433			
		Purchase new portable booth. Directional bore power to unit for RecTrac system.			In Construction	2023
Lake St Clair	Upgrade 4th Tollbooth		27,538			
		Install a unistrut assembly with the associated disconnects and then make the necessary hookups			In Design	2024
Lake St Clair	Rework Electrical for Permanent Tollbooths to Connect to 4th		50,418			
		Pave 580 lf path from shelter to restrooms per the ADA Transition Plan.			In Design	2023
Kensington	Accessible Path from N Hickory Shelter to Restroom		66,273			
		Pave 950 lf path from shelter to restrooms and beach area per the ADA Transition Plan. Include concrete work needed for access mat across beach sand.			In Design	2023
Kensington	Accessible Path from S Martindale Shelter to Vault & Beach		85,954			
		Pave 250 lf path section along parking lot to connect shelter with beach area, food bar, and bathhouse.			In Design	2023
Kensington	Accessible Path from N Martindale Shelter to Beach		30,354			
		Install EV Charging Station at Kensington Golf Course	67,000		Budgeted	2024
Kensington	Delhi Launch & Take Out Renovations		306,000	153,000		
		Renovation of launch area at Delhi.			In Design	2024
Dexter	Backup Internet Fiber Installation		185,362			
		Comcast installation of underground fiber network			In Construction	2023
Lower Huron	Backup Internet Fiber Installation		185,362			
		Toll Booth replacement on existing pedestal at Oakwoods and Lower Huron - Beemis Road entrance.			In Construction	2023
Lower Huron	Toll Booth Replacement and Paving		51,038			
		Michigan Natural Resources Trust Fund grant funded project to extend the Iron Bell trail from its current terminus to the north park entrance (Huron River Drive)			In Construction	2023
Lower Huron	Iron Bell Trail Project		953,155	488,742		
		Land and Water Conservation Fund grant funded project to improve accessibility and site amenities at the Walnut Grove Campground.			Awaiting Grant Agreement	2023
Lower Huron	Walnut Grove Campground Improvements		784,600	450,000		
		Land and Water Conservation Fund grant funded project to develop a new fenced in area for off leash dog activities			Awaiting Grant Agreement	2023
Lower Huron	Off Leash Dog Area Development		330,800	165,400		
		Install new slide at Turtle Cove water park.			Project on hold	2024
Lower Huron	New Slide Structure at Turtle Cove		1,637,349			
		Pave 1,285 lf path from shelter to restrooms and Turtle Cove area per the ADA Transition Plan.			Budgeted	2023
Lower Huron	Accessible Path from Hawthorne Glade N Shelter to Turtle Cove		110,813			
		Pave 330 lf path from shelter to restrooms per the ADA Transition Plan; this area is not included in the Walnut Grove campground LWCF grant project.			Budgeted	2023
Lower Huron	Accessible Path from Tulip Tree Shelter to Restrooms		31,838			
		Michigan Natural Resources Trust Fund grant funded project to develop an accessible kayak launch and associated site amenities at Rapids View			Project Completed, awaiting grant money	2023
Hudson Mills	Rapids View area Development		7,994	226,900		
		Michigan Natural Resources Trust Fund grant funded project to develop an accessible kayak launch and associated site amenities at Dexter-Huron			Awaiting Grant Agreement	2023
Hudson Mills	Picnic Area Development at Canoe Launch		696,025	192,700		
		Replace curren vault toilet with CXT.			In Construction	2023
Hudson Mills	Replace Vault Toilet with CXT		411,706			
		Pave 320 lf path from bike trail to AC shelter to make it ADA compliant. Include accessible tables/grill & concrete pad as part of project.			Budgeted	2024
Hudson Mills	Accessible Access to Activity Center Shelter		232,333			
		Conversion of gas storage tanks			In Construction	2023
Hudson Mills	Convert Gas Storage Tanks for Above Ground		40,212			
		Construction of a new restroom and shade structure at the boat launch facility			Substantially Completed	2023
Stony Creek	Boat Launch Building Redevelopment		127,273			
Stony Creek	Backup Internet Fiber Installation		2,188,615			
		Comcast installation of underground fiber network			Completed	2023
Stony Creek	Golf Course Pumphouse & Irrigation System Replacement		80,000			
		Replacement of intakes, pumps, controls, piping and heads. One year of design before construction.			In Design	2023
Stony Creek	Accessible Path from Winter Cove N to Winter Cove S Shelters		1,006,235			
		Pave 625 lf in asphalt paths connecting both Wintercove shelters to lot, restroom and playground areas per the ADA Transition Plan.			In Design	2023
Stony Creek	Develop Shelter in former Banquet Tent Area		215,864			
		Replace Banquet Tent with shelter.			Budgeted	2023
Stony Creek	Seawall Repair & Washington Twp Fire Dept Boat Pier		500,000			
		Repair the seawall at the Boat Launch / update parking lot lighting. Incorporate pier for Washington Twp. FD & Metroparks police boat.			In Design	2023
Stony Creek	Reflection Nature Trail Improvements		581,204	465,600		
		Removal and realignment of 1/2 mile of 6' wide asphalt path, 284 lf of 8' wide boardwalk, replacement of three existing footbridges, a 400sf overlook structure and pond dipping platform.			Budgeted	2023
Stony Creek	Hike Bike Path & Bridge Replacement btwn Winter Cove & Mt Vernon		937,244			
		Replace with precast bridge between Wintercove and Mt. Vernon, original structure (15' x 40) is failing, uneven decking and entry, exit points. Leading to injuries from cyclists and rollerbladers. It is no longer safe to plow during the winter. Requires permits.			Budgeted	2023
Stony Creek	Install Electricity at 4th Tollbooth		83,423			
		Directional bore power to unit for RecTrac system.			Budgeted	2024
Stony Creek	Install EV Charging Station		20,000			
		Install EV Charging Station at Stony Creek Golf Course			Budgeted	2024
		Construction of a new park office building at the north end of Willow Metropark to replace the sub-standard legacy facility at Lower Huron Metroparks.			Completed	2023
Willow	Park Office Replacement		67,000			
		National Fish and Wildlife Foundation SE MI Resilience Fund grant project to mitigate Huron River streambank erosion and improve habitat			Design Started	2023
Willow	Big Bend Shoreline Protection		2,802,201	250,000		
		Removal of that dam structure, sheet pile walls and docks and subsequent site restoration.			Budgeted	2023
Willow	Washago Pond Restoration		621,288			
		Pave 650 lf asphalt paths connecting both Fox Meadows shelters to the restroom and to the pool activity area/playground per the ADA Transition Plan.			Budgeted	2023
Willow	Accessible Path from Fox Meadows N & S Shelters to Pool		911,837			
		Needed upgrades for the pumphouse to work efficiently for the course irrigation (Control system, VFD's, lift pipes/pumps)			In Design	2024
Willow	Golf Course Pumphouse Upgrades		65,000			
		Clubhouse Roof Replacement			Budgeted	2024
Willow	Roof Replacement at Golf Course Clubhouse		2,661,524			
		Removal/replacement of current WGC UST Fuel pumps			Budgeted	2024
Willow	UST Fuel Pump Removal & Replacement at Golf Course		70,000			
		Add curtain to the salt storage area			Budgeted	2023
Willow	Salt Storage Curtain Closure		230,000			
		Install EV Charging Station at either Willow Golf Course			Budgeted	2024
Willow	Install EV Charging Station		20,000			

		Land and Water Conservation Fund grant funded project to develop an accessible nature trail and make associated site improvements			Grant Received, In Design	2023
Oakwoods	Accessible Nature Trail Development		66,000	124,000		
Oakwoods	Flat Rock Dam Study	Grant Project to Study area associated with Flat Rock Dam	275,984	730,000	In Construction	2025
		This shoreline project will regrade the existing shoreline, install native vegetation as well as creating near-shore shoals. Channels and pools will also be created in the nearby marsh. This work will improve fish spawning habitat.			In Construction	2023
Lake Erie	Shoreline and Fish Habitat Restoration		759,628	1,404,353		
Lake Erie	Boat Launch Fish Cleaning Station	Installation of an onsite fish cleaning station at the boat launch facility	1,686,489	122,500	Budgeted	2023
		Land and Water Conservation Fund grant funded project to develop an accessible kayak launch and associated site amenities at the Boat Launch			In Design	2023
Lake Erie	Accessible Kayak Launch with Area Development		45,000			
Lake Erie	Cherry Island Nature Trail Improvements	Trail improvements including aggregate trail from parking lot to new trail head and accessible amenities.	245,546	600,000	Grant Received, In Design	2023
Lake Erie	Cove Point Vault Toilet Replacements	Cove Point vaults -removal/replacement of 2 vaults with CXTs.	883,103		In Construction	2023
		Install new sewer line to service Boat Launch building, including pump upgrades and controls.			Completed	2023
Lake Erie	Sewer Line Replacement at Boat Launch Building		154,023			
Lake Erie	Protecting Lake Erie Marsh with Green Infrastructure	Grant Project to protect marshland	15,629	483,500	Budgeted	2024
Lake Erie	Wave Pool Mertha Liner and Updates	Wave Pool Mertha Liner and updates	794,593	1,000,000	Budgeted	2024
Lake Erie	Resurface Outdoor Courts with Sport Tile	Two courts needing surfacing near Pool Complex	4,000,557		Budgeted	2023
		Development of a connector trail from the Farm to the Mill. Multi year project design and construction			Budgeted	2024
Wolcott	Farm to Mill Trail Connector		60,070			
Wolcott	Replace Roof on Mile Barn	Replace / repair roof	1,001,033		Budgeted	2023
Indian Springs	Backup Internet Fiber Installation	Comcast installation of underground fiber network	150,000		In Review	2022
Indian Springs	Golf Course Pump House Upgrades	Upgrades to Golf Course pumhouse	431,643		Budgeted	2023
Indian Springs	Playground Redevelopment at Meadow Lark	Redevelopment of Meadow Lark Playground	600,209		Budgeted	2024
		Convert building electric for electric golf carts and add generator hook up to run essential equipment			In Construction	2023
Indian Springs	Electrical Conversion at Golf Building		240,809			
Indian Springs	UST Removal at Golf Course	Remove underground fuel tank	200,000		Budgeted	2023
Indian Springs	Healing the Huron River Headwaters-Tree Planting & Restoration	Grant Funded Restoration work at Huron River Headwaters	100,000	100,000	Grant Received, In Design	2023
			34,931,303	7,605,287		



HURON-CLINTON METROPOLITAN AUTHORITY

To: Board of Commissioners
From: Amy McMillan, Director
Project Title: Purchases – Total Spent and Vendor Locations
Date: August 3, 2023

Action Requested: Receive and File

That the Board of Commissioners receive and file the update for total spent and vendor locations as submitted by Director Amy McMillan and staff.

Background: Each month the Purchasing Department summarizes the total amount spent on capital equipment purchases, major maintenance, and park projects and includes the location of vendors, either within or outside the Metroparks five-county region as well as the effect of DEI, living wage, and the Metroparks local preference policy.

Attachment: Award Requests



HURON-CLINTON METROPOLITAN AUTHORITY

To: Board of Commissioners
From: Amy McMillan, Director
Project Title: Update - Purchases over \$10,000
Date: August 3rd, 2023

Action Requested: Receive and File

That the Board of Commissioners receive and file the update for purchases over \$10,000, up to, and including \$25,000 as submitted by Director Amy McMillan and staff.

Background: On May 9, 2013, the Board approved the updated financial policy requiring the Director to notify the Board of purchases exceeding \$10,000, up to, and including \$25,000.

The following list contains purchases exceeding the \$10,000 threshold:

<u>Vendor</u>	<u>Description</u>	<u>Price</u>
1. Arrowhead Upfitters	Vehicle Upfitting – HM Tahoe	\$11,780.00
2. Faith Lawn & Property Maintenance	Holiday Light Display Installation	\$12,086.00
3. Digicom Global	Portable Radios	\$22,577.28



**HURON-CLINTON METROPOLITAN
AUTHORITY**

To: Board of Commissioners
 From: Neil Eby, Buyer
 Project No: ITB 2023-017
 Project Title: Phragmites Control
 Location: Lake St. Clair, Wolcott Mill, Stony Creek, Indian Springs, Kensington, Huron Meadows, Hudson Mills & Dexter-Huron, Lower Huron, Willow & Oakwoods, and Lake Erie
 Date: August 1st, 2023,

Action Requested: Motion to Approve

That the Board of Commissioners approve awards of ITB 2023-017 to GEI Consultants of Plymouth, MI (\$10,000), PLM Lake and Land Management Corp., of Morrice, MI (\$54,000), Stantec of Brighton, MI (\$23,000), and Superior Invasive Plant Solutions of Shepherd, MI (\$3,000), for a combined not-to-exceed total of \$90,000 to provide phragmites control at various locations throughout the Metroparks as recommended by Neil Eby, Buyer, and staff.

Fiscal Impact: The 2023 budget included a total amount of \$90,000 for this project, with the following amounts allocated to each park:

Park	Budget
Lake St. Clair	\$20,000.00
Wolcott Mill	\$4,000.00
Stony Creek	\$10,000.00
Indian Springs	\$5,000.00
Kensington	\$5,000.00
Huron Meadows	\$5,000.00
Hudson Mills & Dexter-Huron	\$3,000.00
Lower Huron	\$5,000.00
Willow & Oakwoods	\$3,000.00
Lake Erie	\$30,000.00

Scope of Work: The contractor(s) will be responsible for the chemical treatment of approximately 300 acres of phragmites located in coastal wetlands at Lake St. Clair, Wolcott Mill, Stony Creek, Indian Springs, Kensington, Huron Meadows, Hudson Mills, Dexter-Huron, Lower Huron, Willow, Oakwoods, and Lake Erie Metroparks.

Treatment will occur after the majority of phragmites plants have tasseled (while plants are supplying nutrients to the rhizome), between August 15th and October 15th, 2023, or prior to the date of the first killing frost, whichever comes first.

Additionally, the contractor(s) will be responsible for posting all necessary signage to treated areas, providing documentation of decontamination procedures which follow the state of Michigan’s “Invasive Species Decontamination for Field operations” protocol, and for providing GPS generated maps showing areas treated, number of gallons of herbicide used, rate of application, and treatment dates.

Process: HCMA issued ITB 2023-017 on July 17th, 2023. The solicitation documents were posted on the Michigan Intergovernmental Trade Network (MITN) website, which provided notice to 175 vendors. 17 vendors downloaded the solicitation and seven submitted bids. Bids are summarized in the following table (note that the bid prices are expressed as all-inclusive hourly rates per person, except for Aqua Weed, who uses crews ranging from two to eight people, and for Wildlife Wetland Solutions, who uses crews of four people):

Metropark	Aqua Weed	GEI Consultants	Natural Community Services	PLM Lake and Land Management Corp.	Stantec	Superior Invasive Plant Solutions, LLC.	Wildlife and Wetland Solutions, LLC.
Lake St. Clair	\$600.00	\$85.00	No Bid	\$87.00*	No Bid	No Bid	\$950.00
Wolcott Mill	\$600.00	\$85.00	No Bid	\$83.00*	No Bid	No Bid	\$950.00
Stony Creek	\$1,000.00	\$85.00*	No Bid	\$87.00	No Bid	No Bid	\$950.00
Indian Springs	\$600.00	\$83.00	\$82.00	\$89.00	\$77.00*	No Bid	\$950.00
Kensington	\$600.00	\$83.00	\$82.00	\$89.00	\$75.00*	No Bid	\$950.00
Huron Meadows	\$600.00	\$83.00	\$82.00	\$88.00	\$75.00*	No Bid	\$950.00
Hudson Mills & Dexter-Huron	\$600.00	\$83.00	No Bid	\$88.00	\$77.00	\$68.00*	\$950.00
Lower Huron	\$600.00	\$83.00	\$83.00	\$92.00	\$77.00*	No Bid	\$950.00
Willow & Oakwoods	\$600.00	\$83.00	\$83.00	\$85.00	\$77.00*	No Bid	\$950.00
Lake Erie	\$1,500.00	\$83.00	No Bid	\$88.00*	No Bid	No Bid	\$950.00

*Indicates recommended award – note that the award was split to avoid any capacity/scheduling issues and to ensure successful/timely completion of work at all Metroparks.



HURON-CLINTON METROPOLITAN AUTHORITY

To: Board of Commissioners
From: Travis Grubb, Senior Buyer
Project No: ITB 2022-029
Project Title: Electric Golf Cart Fleet
Location: Willow
Date: August 3, 2023

Action Requested: Motion to Approve

That the Board of Commissioners approve the purchase of a new electric golf cart fleet for Willow Metropark in the amount of \$559,230 from Textron, Inc. of Augusta, Georgia as recommended by Travis Grubb, Senior Buyer and staff.

Fiscal Impact: Funds will come from the proposed 2024 Capital Equipment budget, which included \$600,000 for this equipment. Staff will amend the 2023 Capital Equipment budget through a General Fund Balance transfer in the amount of \$559,230 to cover the purchase. The purchase itself is \$40,770 in favor of the proposed budget, and with the cash-back rebate program, an additional \$70,000 will be provided to HCMA, resulting in a total savings of \$110,770.

Scope of Work: Textron, Inc. will furnish and deliver 70 EZ-GO RVX Elite electric golf carts to Willow Metropark by the end of the 2023 calendar year. Additionally, they will arrange for the transport of Willow's existing fleet to Kensington Metropark, provided it is deemed necessary for the auction process after the completion of the cart barn upgrades at Willow.

Background: Textron, Inc. was awarded a contract in November 2022 for the furnishing and delivery of a golf cart fleet to Indian Springs Metropark. The early purchase of an additional fleet allows HCMA to take advantage of the pricing established in the November 2022 contract, avoiding known price increases anticipated for 2024. By proceeding with the purchase now, we can ensure timely delivery of the fleet and qualify for the rebate program valued at \$70,000.



To: Board of Commissioners
From: Artina Carter, Chief of Diversity, Equity and Inclusion
Subject: Report – DEI Monthly Update
Date: August 3, 2023

Action Requested: Motion to Receive and File

That the Board of Commissioners receive and file the August 2023 DEI report and DEI Plan update as recommended by Chief of Diversity, Equity and Inclusion Artina Carter and staff.

Attachment: DEI Report and DEI plan update



HURON-CLINTON METROPARKS

DEI MONTHLY REPORT

August 2023

Administrative Office
13000 High Ridge Drive
Brighton, MI 48114



[METROPARKS.COM](https://www.metroparks.com)



DEI DEPARTMENT

MISCELLANEOUS

- Hosted Advisory Teams meeting
- Climate Action Plan (CAP)
 - Attended meetings
 - Developed the Land Acknowledgement, DEI Statement and DEI Considerations included in the plan
 - Helped prepare draft CAP for Board review
- Coordinated and scheduled Implicit Bias Training for staff in January 2024
- Created seasonal employee exit survey
- Organized September DEI Speaker series panel “Generation Z in the Workplace”
- Attended Operations meeting
- Attended RecTrac Program entry work session

COMMUNITY COLLABORATIONS

- TV and radio interviews to promote Jit Festival with DABO
- Worked table at Detroit Jit Festival distributing information, collecting surveys, and engaging with attendees
- Attended DABO Speaker Series featuring Ben Crump
- Collaborating with speakers and partners for Culture Awareness Series events

DEI DEPARTMENT

CROSS-DEPARTMENT COLLABORATIONS

- Active membership on the Program Steering Committee
 - Program team
 - Advisory team
- Participated in ADA Transition Plan meeting
 - Planning and Development has been updating the list of projects that were completed 2018-2023
 - Collaborating with Planning and Park Superintendents on prioritizing accessibility projects to complete this winter
- Participated in interview panels
 - Business Systems Analyst (IT)
 - Police

DEI Plan Update-Year 1: April 14, 2023-June 30, 2024

LISTEN AND CONNECT

GOAL	OBJECTIVE	ACTION(S)
<p>II. Strive to increase diversity representation within all employee classifications (based on 2022 data)</p>	<p>C. Develop interviewing and hiring strategies to increase diversity representation.</p>	<ol style="list-style-type: none"> 1. Worked w/HR to identify all employees who participate in recruitment, interviewing and hiring process (total 105). 2. Worked w/HR to identify a consultant to provide Implicit Bias training. 3. DEI Team met with consultants to coordinate training content, scheduled a preliminary session in October and set training schedule for January 2024.
<p>IV. Increase the level of physical access to Metroparks facilities.</p>	<p>A. Develop a standardized accommodation request system that is user friendly and allows for the collection of data to inform future investment.</p>	<ol style="list-style-type: none"> 1. With the assistance of the Leadership Team, surveyed all parks to understand the current accommodation request process used in each park. 2. Scheduled meeting with IT to determine how to use RecTrac to standardize this process and to ensure data can be collected.
	<p>B. Actively participate in the update process for the 2024 Metroparks ADA Transition Plan.</p>	<ol style="list-style-type: none"> 1. Convened an ADA Transition plan meeting with the Planning Department to schedule the plan update. 2. Worked with the Planning Department, Parks Superintendents and Managers to identify and help fund projects to complete in 2023 to increase accessibility. <ol style="list-style-type: none"> a. Accessible fitness stations at Kensington b. Concrete for accessible grilling stations at two Lake Erie shelters 3. Worked with Park and Interpretive Center Managers to develop an inventory of available accessible equipment and adaptive needs.

<p>VI. Increase the number of DEI-focused community collaborations to a minimum of one per county in our service area</p>	<p>A. Increase the number of DEI-focused community collaborations</p>	<ol style="list-style-type: none"> 1. Developed new partnership with Howell Library and Livingston Diversity Council for MLK 101 series which will continue in 2024. 226 people attended the various events in January-April 2023. 2. Connected with identified partners such as Rochester Public Library, Henry Ford Health, and Bloom Transformation Center for future collaborative programming 3. Developing a database of organizations and groups who are involved in DEI-related efforts in our service region
<p>VII. Develop equity outcomes based on the goals contained in the <i>adopted</i> Climate Action Plan (CAP)</p>	<p>A. Provide thought leadership in the development of climate action equity outcomes.</p>	<ol style="list-style-type: none"> 1. Drafted the DEI considerations listed in the Climate Action Plan (CAP). 2. Crafted the new Land Acknowledgement and DEI statements for CAP.

MAINTAIN AND INVEST

GOAL	OBJECTIVE	ACTION(S)
<p>I. Continue DEI training for employees at all levels of the Metroparks</p>	<p>C. Continue to Develop and Facilitate Quarterly DEI Boosts.</p>	<ol style="list-style-type: none"> 1. Facilitated DEI Conversation on Wokeness. 2. Scheduled DEI Conversation on Affirmative Action for August 30th. 3. Confirmed the next two DEI Speaker Series Events for September and December 2023. 4. Scheduled two Cultural Awareness Series events for August and October 2023.
	<p>D. Develop and Facilitate Cultural Competence Training modules to support working in marginalized communities.</p>	<ol style="list-style-type: none"> 1. In talks with DZS to provide Cultural Competence training for Education staff.

CONSERVE AND STEWARD

GOAL	OBJECTIVE	ACTION(S)
<p>I. Increase outdoor education opportunities with a focus on skill building for more effective and durable environmental stewardship.</p>	<p>A. Develop a pilot intern and/or apprentice program, through partnerships, to promote access, skill building and stewardship.</p>	<p>1. Developed a draft DEI Professional Development Experience outline for college students interested in practical experience in DEI. Next step is to work with HR and Finance to determine the wage and providing the program recommendation to the Director for review.</p>

COMING EVENTS



CULTURE AWARENESS SERIES: SOUND BATH HEALING



DEI Culture Awareness Series Presentation: Sound Bath Healing

- Date/Time: Thursday, August 24th at 12 pm
- Location: Zoom Webinar, <https://metroparks.zoom.us/j/83834783047>

You're invited to join us for a presentation from **Dr. Rose Moten**, Clinical Psychologist and owner of Bloom Transformation Center, who will speak on the history, cultural significance, and health benefits of sound bath meditation and healing. This presentation focuses on health and meditation mindfulness and the rich culture of the sound bath experience.

A sound bath is a meditative experience where those in attendance are “bathed” in sound waves. These waves are produced by various sources, including healing instruments such as gongs, singing bowls, percussion, chimes, rattles, tuning forks, and even the human voice itself.

SOUND BATH MEDITATION



Sound Bath Meditation Event

Relax and release with 45 mins of Sound Bath Meditation and Healing with Dr. Rose Moten, owner of Bloom Transformation Center.

- Date/Time: Saturday, August 26th at 12 pm
- Location: Lake Erie Metropark, Cove Point, right by the water!

Sound Healing Therapy is a unique type of sound practice that involves using therapeutic singing bowls and gong instruments to bring about healing, relaxation, stress, and tension relief. This practice is also sometimes referred to as a “sound bath” because participants are “bathed” in meditation sound waves, vibrations, and healing frequencies.





**HURON-CLINTON METROPOLITAN
AUTHORITY**

To: Board of Commissioners
From: Tyler Mitchell, Chief of Natural Resources and Regulatory Compliance
Subject: Natural Resources Monthly Report
Date: August 3, 2023

Action Requested: Motion to Receive and File

That the Board of Commissioners' receive and file July 2023 Natural Resources Report as recommended by Chief of Natural Resources and Regulatory Compliance, Tyler Mitchell, and staff.



NATURAL RESOURCES MONTHLY REPORT

AUGUST 2023

Administrative Office
13000 High Ridge Drive
Brighton, MI 48814



[METROPARKS.COM](https://www.metroparks.com)

SYSTEM-WIDE

ADMINISTRATIVE

- Cooperative Beech Leaf Disease (BLD) survey at Stony Creek and Lower Huron Metroparks. Cooperating with Six Rivers Land conservancy, and researchers from U of M to locate populations and determine spread.
- Preparing for Phragmites control work for Fall 2023, to include parcels at partner agencies such as City of Detroit parks.
- Evaluating fall 2023 prescribed fire projects, preparing management units for work to be conducted this fall.
- Updating management plans and units for late 2023 and early 2024 work, including at Rouge Park, and newly restored areas. Work coincides with goals being developed in the Climate Action Plan.

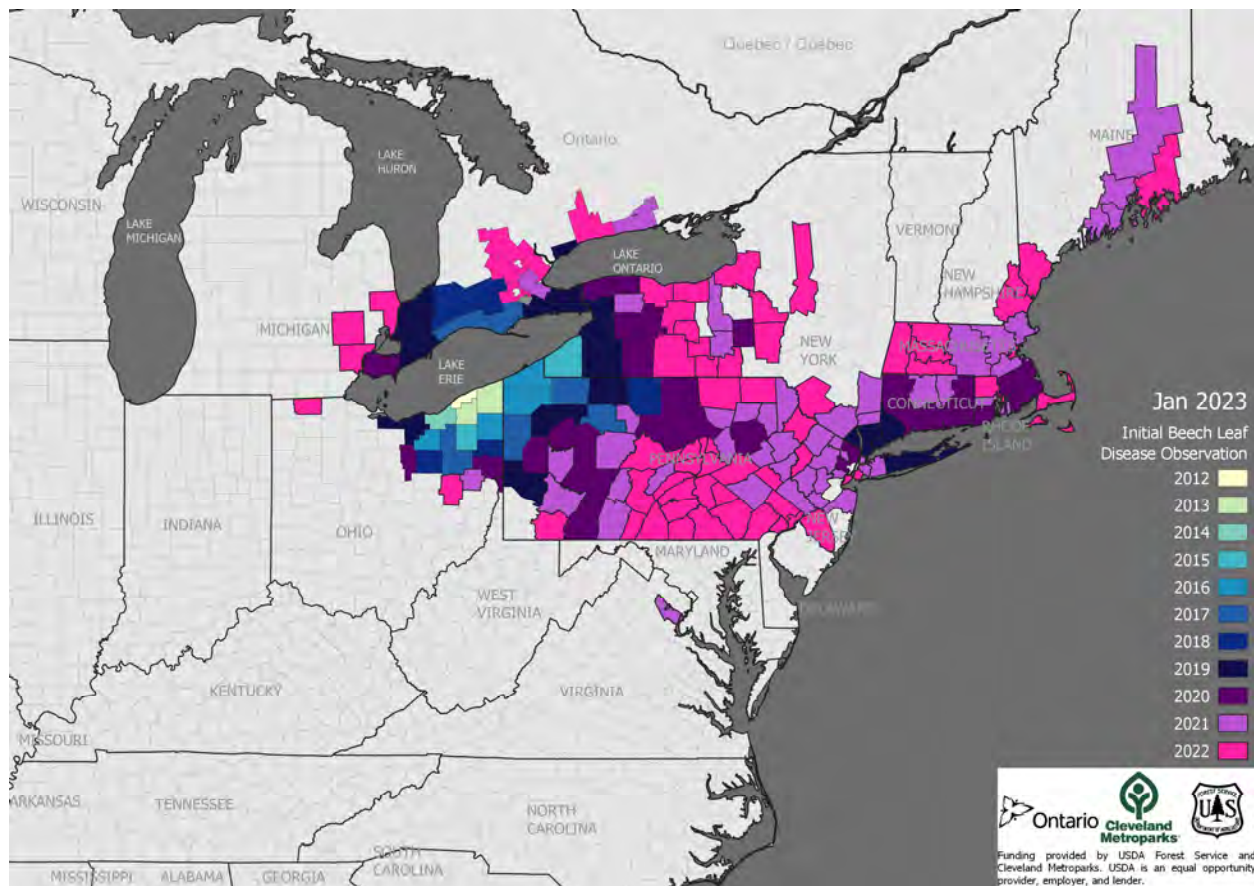


Figure 1: Map showing the spread of Beech Leaf Disease (BLD) since its 2012 introduction in Northwest Ohio. BLD was first detected in Michigan in 2022, and is part of an Early Detection and Rapid Response (EDRR) campaign to limit its spread in Michigan. This disease causes stress and death of mature beech trees integral to Michigan's forests. 95/259

SOUTHERN DISTRICT

LAKE ERIE METROPARK

- Shoreline restoration continues to be monitored. Post-construction monitoring is being planned, to include survey of benthic macroinvertebrate, fish, and plant communities. Sledding hill restoration continues, with plans to apply additional topsoil, and hydroseed the area in the coming month.

LOWER HURON METROPARK

- Researchers from University of Michigan have surveyed and inventoried occurrences of Beech Leaf Disease in the park, and are working with HCMA Natural Resources staff to begin investigation of treatments to prevent loss of beech stand at Lower Huron Metropark, and throughout the system.



Figure 2: Eastern Prairie Fringed Orchid at Lake Erie Metropark in bloom. This endangered plant has been a major focus in restoration projects at Lake Erie Metropark and have shown significant gains for the species in the last few years. Work will continue to protect the habitat for this species from invasive plants, and other threats.

WESTERN DISTRICT

KENSINGTON METROPARK

- Herpetofauna (Reptiles and Amphibians) coverboard surveys have continued in the summer months, documenting several species of snake including the endangered Eastern Massasauga Rattlesnake. The results of these surveys will inform future work at the Metroparks to assess community health, and habitat needs.

INDIAN SPRINGS METROPARK

- Continued treatment of Black and Pale Swallow wort in key prairie habitats in the park.
- Asiatic bittersweet control in the Southwest portion of the park underway.

DEXTER-HURON METROPARK

- Invasive species control targeting priority habitats in the oak barrens and floodplain forest management units. These key habitats are important plant biodiversity areas.



Figure 3: HCMA Staff assist contractors in evaluating coverboard study plots at Indian Springs Metroparks. These coverboards are designed to create safe and warm places where snakes and other reptiles gather.

EASTERN DISTRICT

STONY CREEK METROPARK

- Lake Treatment to reduce aquatic weed density in Stony Creek Lake occurred in late July. Lake monitoring will continue throughout August to determine needed follow up treatments.

LAKE ST. CLAIR METROPARK

- Designing final grant signage for shoreline restoration for install in Fall 2023.
- Tree work continues in nature center trail area, as many mature cottonwood trees have begun to decline due to natural aging, and high-water conditions.

WOLCOTT MILL METROPARK

- Planning underway to identify and establish plant and shrub nursery area for natural resources, landscape, and grant project needs.



Figure 4: Natural Resources staff meet with U.S. Fish and Wildlife staff at Stony Creek Metropark for training on native mussel survey techniques. HCMA Natural resources staff will assist in monitoring, cleaning, and maintaining USFWS equipment and sites as part of a larger mussel population and habitat survey.

WHAT'S NEXT?

SYSTEM-WIDE

- Preparation for fall wildlife programs, prescribed fire, and invasive species control projects. These include work on partner properties including the City of Detroit, and collaborative training and work with The Nature Conservancy.
- Partnerships to bring tree and raingarden plants to communities and private landowners, in coordination with EPA GLRI Grant at Lake Erie. Also collaborating with HCMA Interpretive staff to provide raingarden plant kits to community members who have successfully completed master raingardener courses.
- Stormwater and water quality improvement planning with internal staff and partners, cooperation with consultant.

SOUTHERN DISTRICT

- Native tree plantings at the shoreline restoration area at Lake Erie Metropark
- Eastern Prairie Fringed Orchid management activities based on approved plan.

WESTERN DISTRICT

- Tree plantings at Kensington and Indian Springs Metroparks.
- Invasive species removal and tree plantings at Indian Springs as part of Healing the Headwaters grant project.

EASTERN DISTRICT

- Installation of camera and monitoring equipment at wildlife tunnel crossing at Lake St. Clair Metropark.
- Continued conversion of underutilized turf areas to grow zones. These areas provide habitat for pollinator species, filter stormwater, and reduce cost of maintenance for park staff. Follow up work will continue in fall to enhance partially restored areas, and treat any turfgrass remaining in these sites.



To: Board of Commissioners
From: Danielle Mauter, Chief of Marketing and Communications
Subject: August Marketing Report
Date: 8/4/2023

Action Requested: Motion to Receive and File

That the Board of Commissioners' receive and file July 2023 Marketing Report as recommended by Chief of Marketing and Communications, Danielle Mauter, and staff.



HURON-CLINTON METROPARKS MARKETING REPORT

July 2023

Administrative Office
13000 High Ridge Drive
Brighton, MI 48814



[METROPARKS.COM](https://www.metroparks.com)

JULY 2023

Summer Campaigns and Communications

Last month's marketing report included the 6-month update on goals. The majority of July's work focused on managing and continuing to launch summer campaigns and communications pieces. Here are some highlights of media coverage throughout the month of July:

- The Icecream Scoop off between Amy and Steve Sebert didn't make media headlines, but was shared with staff and on LinkedIn as a staff engagement story.



- The Metroparks was unexpectedly covered by WXYZ! The editorial showcased all 13 parks and the mission of the Metroparks. The article received great recognition from local elected officials. <https://www.wxyz.com/news/opinion/wxyz-editorial-explore-s-e-michigans-13-metroparks>
- WDIV's "Live in the D" recently aired a segment showcasing our Adaptive Recreation Program and featured DiversAbility Days, Adaptive paddle clinics and people with disabilities having access to activities. We have received great feedback on the clinics so far! The first event with [UMAISE](#) was at Kensington a couple weeks ago and they were "obsessed" with the boat launch and how nice it was, especially noting the cleanliness of the lake. A participant stated "It's the Metroparks so I expected it to be great, but this is just incredible". They also noted how easy it was to use the boat launch and noted different design features. This is a great reminder that all the planning and work put into these programs and offerings makes a huge impact on people's lives!

[Click here](#) to watch the news segment and [click here](#) for dates for upcoming DiversAbility Days.

- The 2023 Jit Fest in Corktown was a partnership that is part of our new programming initiative. The festival honored the dance that originated in Detroit with performances, free dance workshops and a Q&A panel featuring leaders of the dance community and the pioneers of the style. It was a fantastic event that brought together a great crowd. The festival was featured on [WDIV's Live in the D](#) and [The Detroit News](#).
- Amy joined Mark Hackel and JP Rea on Paul W. Smith's WJR radio show for a segment showcasing the Metroparks. The discussion focused on the parks we have in Macomb County and the free swim lessons we are offering this summer. Here is the link to the full segment: <https://thegreatvoice.com/Shows/focus-with-paul-w-smith>
- Amy appeared on a WDET segment with Mark Wallace to talk about parks and our partnerships in Detroit <https://wdet.org/2023/08/01/detroit-today-how-can-detroits-riverfront-revitalize-southeast-michigan/>
- Fox 2 picked up a quick mention of Lake St. Clair Camping <https://www.fox2detroit.com/news/camp-at-lake-st-clair-metropark-for-a-limited-time-reserve-your-spot-now>



HURON-CLINTON METROPOLITAN AUTHORITY



To: Board of Commissioners
From: Janet Briles, Interim Chief of Planning and Development
Project Title: Planning and Development Department Monthly Update
Date: August 10, 2023

Action Requested: Receive and file

That the Board of Commissioners receive and file the Planning & Development Department Monthly Update as recommended by Interim Chief of Planning and Development Janet Briles and staff.

Executive Summary

The following are highlights of the activities of the Planning & Development Department for July 2023:

Project/Initiative Implementation

- NOAA Dam Removal Feasibility Study – Metroparks and project partners preparing for public meeting #1 on August 23, 2023 with stakeholder/public outreach including post card mailings to property owners along the Huron River dam impoundment and creating landing website to disseminate data collection and project updates. *Supports Strategic Plan Goal: Listen & Connect.*
- GLRI grant project at Lake Erie Metropark initial site visit with Environmental Consulting and Technology (ECT), took place on 7/24 with project team from Metroparks staff and Wyandot of Anderdon Nation. Once the Quality Assurance Project Plan is approved, ECT will begin preparing 30% design that will be shared with staff and stakeholders for feedback. *Supports Strategic Plan Goal: Maintain & Invest.*
- Drawings received for the Indian Springs playground. A few edits need to be made while we are waiting on the permit. *Supports Strategic Plan Goal: Maintain & Invest.*
- Livingston County Road Commission approved draft RFP developed for the Livingston County Regional Trail Connections; waiting on MDOT approval. *Supports Strategic Plan Goal: Maintain & Invest.*

Planning & Community Engagement

- Metroparks Trail Gap Feasibility Study continues review of scored routes with community stakeholders for next phase of community outreach and engagement prior to presentation of alternative routes for public input. *Supports Strategic Plan Goal: Listen & Connect.*

Grants

- EGLE recycling infrastructure grant coordinator meeting on-site at Lake St. Clair to review water bottle recycling bin program and overview of final reporting to close out grant in October 2023. *Supports Strategic Plan Goal: Maintain & Invest.*
- Submitted grant application to the Russell Family Foundation for teacher training workshops. *Supports Strategic Plan Goals; Maintain & Invest, and Conserve & Steward.*
- The EGLE State High Water Infrastructure grant program has chosen “Greening the Parking Lot at Lake St. Clair Metropark” as a funded project. Grant agreement will go to the September board meeting. *Supports Strategic Plan Goal: Maintain & Invest.*

Attachment: Planning & Development Department Monthly Update which includes Monthly Grant Updates



PLANNING AND DEVELOPMENT MONTHLY REPORT

August 2023






Administrative Office
13000 High Ridge Drive
Brighton, MI 48114



[METROPARKS.COM](https://www.metroparks.com)

TABLE OF CONTENTS

Metroparks System-Wide	4
Southern District	7
Western District	10
Eastern District.....	13
What's Next.	16

OTHER DEPARTMENT INPUT KEY	
	Natural Resources and Regulatory Compliance
	Planning and Development
	Diversity, Equity and Inclusion
	Interpretive Services and Community Outreach
	Engineering

SYSTEM-WIDE

Restoration – Linear feet or acreage of project impact for shoreline protected or restored, wetlands protected or restored, floodplain protected or mitigated

Invasive Species Management – Linear feet or acreage of project impact treating invasive species

Habitat and Wildlife Protected – Linear feet or acreage of project impact for fish habitat, fish barriers removed or bypassed, species moved or avoided

Partnerships – Outside agency funding sources (total cost/sharing percentage)

Volunteers – Total number of volunteers/workdays

Grant/Foundation Funding – Total funding/match

Visitor Counts – Total number of visitors weekend/weekday









Best practices education – Project emphasizes educational and interpretational opportunities

Estimated cost – Total estimated or actual cost of project

Accessibility – Determine if facility or programs designed for accessibility (A) or if barriers (B) exist based on ADA checklist



Staff time – Total number of staff hours estimated

Administrative





	Description	Action Type	Dept. Input	Timing	Implementation Indicator	Aug 2023 Actions
SYSTEM-WIDE	Planning and Development monthly reports	Report		Monthly	Staff time	Report assembly, grant monthly updates
	Tollbooth scanning reports	Report		Seasonally	Staff time	Summer Report for Nov. Board Meeting
	Foundation administrative tasks	Various		Ongoing	Staff time	990 worksheet completed, help to set up funding from donor will
	Sign request processing/signage transition plans	Infrastructure/ Small Facilities		Ongoing	Actual cost	Administrative tasks
	CAPRA Programming Ch. 6	Various		Ongoing	Staff time	Documentation assembly
	CAPRA Planning Ch. 2	Report		Ongoing	Staff time	Documentation assembly
	Commemorative trees and benches	Various		Ongoing	Staff time	Administrative tasks, selective removals at North Branch Trails, Wolcott Mill.
	Grant Applications and Administration	Various		Ongoing	Staff time	Lead multi-department effort to track and maintain grant associated tasks
Assisting finance with single audit for 2022	Various	Finance	September	Staff time	Provide documentation to auditors	

SYSTEM-WIDE

HCMA Studies/Initiatives





Description	Action Type	Dept. Input	Timing	Implementation Indicator	Aug 2023 Actions
Sustainability Plan projects coordination	Various		Ongoing	Various	CAPRA Sub-Committee working on sustainability policy standards
ADA Transition Plan	Plan		September 2024	Staff time	On-site checklists on-going in order to update ADA Transition plan in Fall 2024
Stormwater Management Plan	Plan	Various	Ongoing	Staff Time	Provided materials for audit
Visitor count program	Various	Various	Ongoing	Staff time	Evaluating Eco-Counter quote for automatic data transmission dashboard service
GIS Initiatives	Various	Various	Ongoing	Staff time	Integrating ArcGIS StoryMap for grant projects, researching asset inventory app.
Transit Access in Parks	Various	Various	Ongoing	Staff time	Evaluate regional services and evaluate parks for future connection/services
Climate Action Plan	Plan	Various	Ongoing	Staff Time	Developed Goals and Action Items for Waste Management and Transportation
Comprehensive Project Analysis	Documentation and Plan	Various	2023	Staff Time	Meet with individual parks and departments to identify priority for large projects and studies
ESRI ArcGIS Administration	Various	Various	Ongoing	Staff time	Working with IT to upgrade in-house platform

Grants/Fundraising

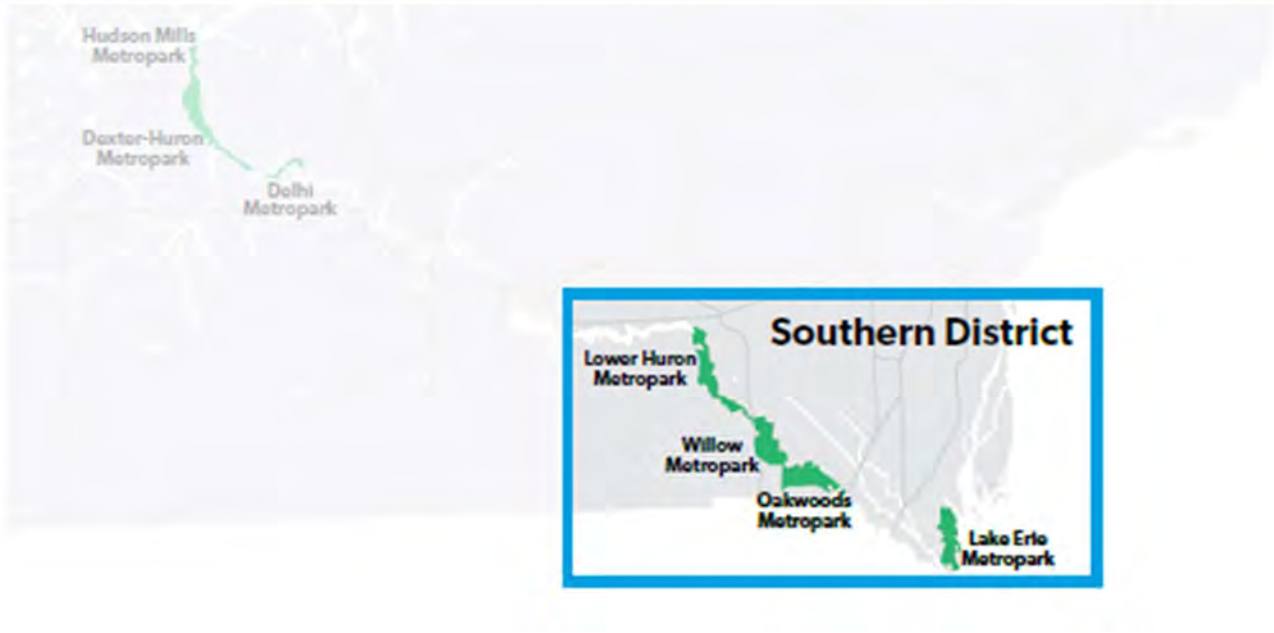
Description	Action Type	Dept. Input	Timing	Implementation Indicator	Aug 2023 Actions
Electric Vehicle and Charging Infrastructure Grants	Various		June 2023	Staff time	Submitted DOT grant for funds to install EV charging infrastructure in selected parks
DTE E-Fleet Program	Plan		Ongoing	Staff time	E-Fleet on hold until EVs are purchased
Russell Family Foundation - Teacher Training Workshops	Plan		July 2023	Staff time	Grant submitted in July; anticipate October decision
Tasers	Plan	Police	Sept. 2023	Staff time	MMRMA RAP grant request
PNC Early Education Programs	Plan		Sept. 2023	Staff time	Determine program changes

SYSTEM-WIDE

Project Implementation/Oversight


Description	Action Type	Dept. Input	Timing	Implementation Indicator	Aug 2023 Actions
EGLE Recycling Bin Grant	Plan	Various	May 2023	Staff time	Monitor waste diversion during summer months for final report . Meeting EGLE grant coordinator on site at LSC
Metroparks Trail Connectors	Plan	Various	Dec 2023	Staff time	Completing stakeholder meetings and starting public outreach
MISGP Spotted Lanternfly Survey at IS, Ken, SC, & Wol	Planning		Ongoing	Staff time	Selection of contractor; solicit DNR approval
Livingston Co. Trail Connectors – Engineering Design	Plan	Various	Ongoing	Staff time	RFP has been drafted and shared with MDOT and LCRC
Early Learner Education Programming	Plan		Ongoing	Staff time	Program complete; final reporting underway
GOAL Education Programming	Plan		Ongoing	Staff time	Preparing final reports to foundations
NEEF Beach Wheelchairs	Plan		Ongoing	Staff time	Preparing for late August implementation

SOUTHERN DISTRICT






SOUTHERN DISTRICT

Grants/Fundraising




	Description	Action Type	Dept. Input	Timing	Implementation Indicator	Aug 2023 Actions
LEF	Great Wave Pool Spark Grant	Large Facility	Eng, Op, Maint	June	Staff Time	Resubmitted application with supplemental information
WFI	Willow Big Bend Fishing Area Renovation	Large Facilities		Ongoing	Staff time	Submitted application to DNR Trust Fund; passed administrative review; scoring in fall

Project Implementation/Oversight


	Description	Action Type	Dept. Input	Timing	Implementation Indicator	Aug 2023 Actions
WII	SE Michigan Resilience Fund-Big Bend Area Restoration	Large Facilities	Eng/NR	Ongoing	Staff time	Requesting project extension; schedule follow-up fish survey, water monitoring, and erosion monitoring
WII	Willow Metropark Signage	Signage	Various	2023	Staff time	Updates to facility and wayfinding signage
LHu	2020 LWCF - Walnut Grove Campground	Documentation	Various	To be completed by 6/30/25	Staff time	Design phase underway
LHu	2020 LWCF - Off-Leash Dog Area	Documentation	Various	To be completed by 6/30/25	Staff time	Design phase underway following project agreement signed
Oak	NOAA Dam Removal Feasibility Study	Large Facilities		2023	Consultant	Testing and analysis underway; public meeting #1 planning materials and stakeholder/public outreach
	Basketball Courts near the Great Wave Pool	Small Facilities	Various	2023	Staff time	Recommended improvements within budget, bid work.
LEr	2021 TF- Cherry Island Trail Improvements	Large Facilities		Ongoing	Staff time	Design phase underway
	2021 GLRI-EPA Nonpoint Source Grant	Large Facilities		Ongoing	Staff time	SHPO approval letter received, kickoff meeting held, and stakeholder meetings. QAPP reviewed with comments prior to submittal to EPA for basis of design.

SOUTHERN DISTRICT



Project Implementation/Oversight, cont.

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	Aug 2023 Actions
Oak	2019 LWCF - Oakwoods Accessible Nature Trail	Large Facilities		Ongoing	Staff time	Evaluate bid response and determine next steps
LEr	2019 LWCF - Lake Erie Accessible Boat/Kayak Launch	Large Facilities		Deadline 6/1/2024	Staff time	DNR project agreement executed, engineering design next step
Wil	Acorn Knoll Disc Golf	Large Facility		Ongoing	Staff	Closed holes #18-22 for the time being as MDOT reviews property line

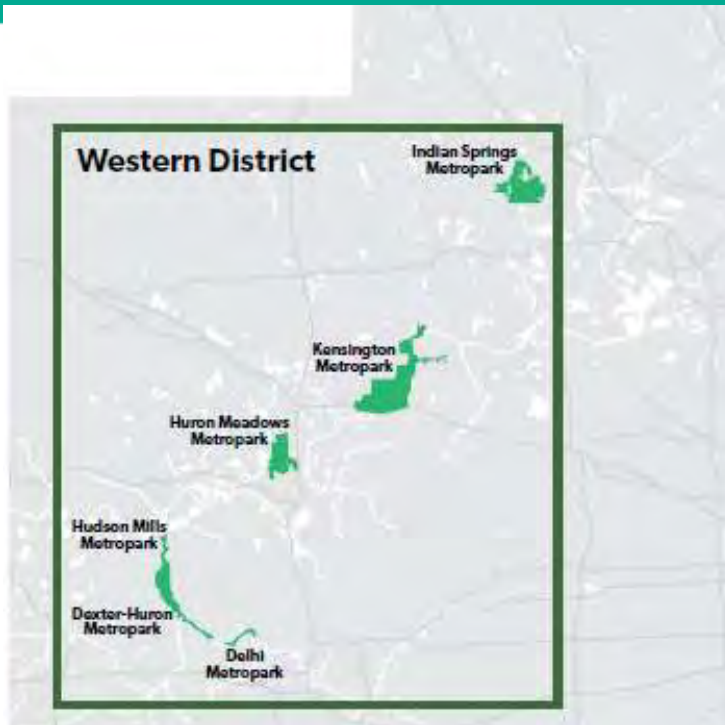
Facility Concept Planning

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	Aug 2023 Actions
LEr	Lake Erie Shoreline Restoration Project	Construction	Ops . NR	October	Staff time	Work underway near completion
LEr	Hike-Bike Trail Loop Concept and Connection to Great Lakes Way Trail	Plan	Various	July	Staff Time	Shared prelim drawings and estimated cost with Brownstown Twp
LH	Adaptive Ballfield Concept Plan	Plan		2023	Staff time	Conceptual planning process phase on hold

HCMA Studies/Initiatives







	Description	Action Type	Dept. Input	Timing	Implementation Indicator	Aug 2023 Actions
LEr	Marina building study	Large Facilities		2023	Consultant	Included as a potential long-term waterways grant project in 5-Year Rec Plan
	Wayne County GIS property assessment for stormwater management	Large Facilities		2023	Consultant/Six Rivers Conservancy	Project underway

WESTERN DISTRICT



WESTERN DISTRICT

Administrative




	Description	Action Type	Dept. Input	Timing	Implementation Indicator	Aug 2023 Actions
Del	Border-to-Border trail design and construction	Large Facilities		Ongoing	Estimated Cost	Washtenaw to coordinate construction activities with park
MISC	Livingston County Parks and Open Space Advisory Committee	Partnership		Ongoing	Staff time	Attendance at regular POSAC meetings
	Friends of the Lakelands Trail Steering Committee	Partnership		Ongoing	Staff time	Represent HCMA as a participating steering committee member that meet monthly
	Huron Valley Trail quarterly meeting	Partnership		Ongoing	Staff time	Represent HCMA as a participating partner
DHu	Van Curler Property	Coordination		Ongoing	Staff time	Comments provided to community for consideration and future coordination
	Title IV Plaza B2B Trail	Coordination		Ongoing	Staff time	Comments provided for SESC Plan review; construction planned for fall season

Grants/Fundraising

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	Aug 2023 Actions
Del	Launch/Take-out Renovation	Large Facilities		Ongoing	Staff time	DNR Trust Fund grant awarded; awaiting project agreement

WESTERN DISTRICT

Project Implementation/Oversight

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	Aug 2023 Actions
DHu	2020 TF – Dex-Huron Accessible Launch	Large Facilities		Ongoing	Staff time	Engineering design resumed, 6 month extension received
Ken	Impact 100 – Seeding a Green Future	Plan		Ongoing	Staff time	Finalizing design plans and requesting permits
	Fitness Trail Development for East Boat Launch area	Plan	Multiple	Ongoing	Staff time	Determine equipment selection and next steps
HMIll	DNR Community Forestry Grant	Planting	Maint. Ops	Spring 2023	Staff time	Received grant to plant trees at Hudson Mills and Wolcott Mill
ISp	CE Headwaters Restoration	Partnership		Ongoing	Staff time	Late summer invasive species removal

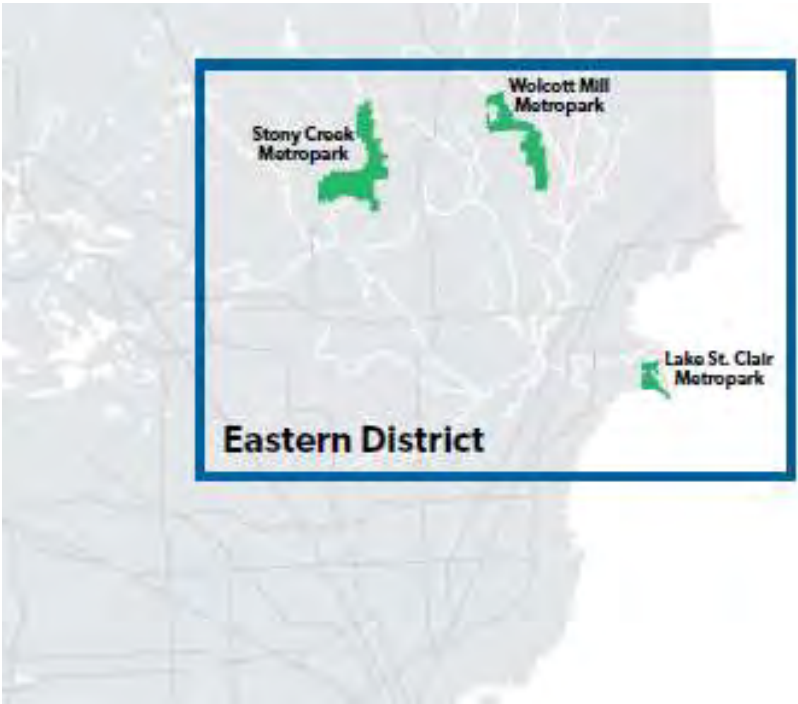
Facility Concept Planning

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	Aug 2023 Actions
IS	New playground for 5-12 year olds	Small Facility	Various	2023	Staff time	Sent in permit applications; equipment scheduled for September

HCMA Studies/Initiatives

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	Aug 2023 Actions
HMIll	Northwest Passage Feasibility Study Review	Plan	Various	Ongoing	Staff time	Discussed at kick-off meeting with non-motorized trail gap feasibility study to be considered as a connector trail
Ken	Equestrian Staging and Group Camp Improvements	Large Facilities	Various	2023	Staff time	Reviewed Equestrian Group comments and will proceed with park-wide evaluation of equestrian facilities

EASTERN DISTRICT





EASTERN DISTRICT


Administrative

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	Aug 2023 Actions
	Erb Foundation – DZS Partnership Workshop	Plan	Various	June 2023	Staff Time	Developing next steps for continued collaborations

Grants/Fundraising



	Description	Action Type	Dept. Input	Timing	Implementation Indicator	Aug 2023 Actions
LSC	EGL E High Water Grant: Greening the Parking Lot	Large Facilities		June 2025	Staff time	Grant for Greening the Parking Lot was received; grant agreement on August BOC agenda
LSC	DNR Waterways Grant: Engineering for LSC North Marina	Large Facilities	Various	Ongoing	Staff time	Project agreement finalized, RFP in development
LSC	'23 TF Daysail Area Trail	Small Facilities		Ongoing	Staff time	DNR '23 grant application submitted

Project Implementation/Oversight

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	Aug 2023 Actions
LSC	Transit Planning for Access to LSC	Large Facilities		Ongoing	Staff time	Service days increase to include Friday and Mondays for a long weekend; marketing strategy and surveys under development
LSC	LSC Beach Restoration Project- Nonpoint Source Pollution Project	Large Facilities	Various	2023 Completion	Staff time	Bird counts on going, USGS conducting 3 rd and final year of monitoring

EASTERN DISTRICT


Project Implementation/Oversight, Cont.

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	Aug 2023 Actions
SC	2022 LWCF Stony Creek Reflection Trail Accessible Trail Development	Small Facilities		Through 2026	Staff time	Design and permitting underway
LSC	2022 LWCF- West Boardwalk Accessibility Improvements	Large Facilities		6/30/2026	Staff time	Project agreement finalized

HCMA Studies/Initiatives

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	Aug 2023 Actions
	Art in the Park	Small Facilities		2023/2024	Staff Time	Develop program for art installations within parks

Facility Concept Planning

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	Aug 2023 Actions
SC	Eastwood Beach and Landing Trail Connection	Plan		2024	Staff Time	Study link between the Landing and Eastwood beach along lakeshore

WHAT'S NEXT?

	Description	Action Type
SYSTEM WIDE	5-County Regional Trail Gap Study - Stakeholder Engagement	Staff/consultants
	Comprehensive look at action plan items and project summaries	Staff
	ADA Transition Plan Update	Staff
	CAPRA Chapters	Staff
	Transit Access Evaluation	Staff
	Climate Action Plan Finalization and Implementation	Staff
EASTERN DISTRICT	DZS and HCMA Strategic Partnership Plan	Staff
	Art in the park initiative and agency policy guidelines	Staff
WESTERN DISTRICT	FY23 Community Project Funding through DOT/MDOT for US 23 non-motorized trail alignment detailed engineering. Develop RFP for design services	Staff/consultants
SOUTHERN DISTRICT	NOAA Dam Feasibility Study Stakeholder public meeting #1 MOU pending board approval for HRWC assistance with community engagement	Staff time
	EPA-GLRI RFP design/build	Staff time
	Big Bend Restoration – Open House planning underway (display boards, public education outreach partners, marketing strategy	Staff time



Grant Updates - August 2023

In Progress								
Grant program		JB/MN	Project/Park	Amount	Match	Due Date	Applicant	Notes
Four County Community Foundation		MN	Field Trips at SC & WM	TBD	-	10/1/2023	MF	Working on application details with Interpretive Services staff
PNC Foundation		MN	Early Education Programs via MLC	TBD	-	TBD	MF	Invitation to submit won't be received until after Final Report review
MMRMA Risk Avoidance Program		MN	Police Tasers	TBD		10/1/2023	HCMA	Upgrade and replacement taser non-lethal weapons; MMRMA covers \$500/taser
RCWJ Foundation/Metroparks Connectors		JB	Trail Connectors/SEMTAT	TBD	TBD	TBD	MF	Routes are scored, materials being prepared for community outreach and engagement
MDOT TAP		JB	Lake Erie Connector Trail	TBD	TBD	October, 2023	HCMA	Brought on PEA to develop cost estimate for Lee Rd section
Grant Applications Awaiting Response								
Grant program	Project #	JV/MN	Project/Park	Request	Match	Submitted	Applicant	Notes
MDNR Trust Fund		MN	Willow Fishing Platform	\$300,000	\$462,000	4/1/2023	HCMA	Site visits in summer; preliminary scores in September
Russell Family Foundation		MN	Teacher Training Workshops	\$46,100	-	7/24/2023	MF	Anticipate a mid-fall decision; training for Wayne Co. teachers in lower-income schools
LWCF		JB	LSC Daysail Area Trail	\$500,000	\$500,000	4/1/2023	HCMA	Actual project cost estimate is \$1,027,097. Provided tour to Merrie Carlock
Sen Peters Appropriations		JB	LSC Electrical Grid	\$3,000,000	\$1,000,000	3/15/2023	HCMA	Amy meeting w/Peters staff
Federal Highway Admin - Community Charging		JB	EV Charging stations	\$500,000	\$125,000	6/13/2023	HCMA	submitted on 6/12
DNR Spark Grant		JB	LE Great Wave Pool	\$1,000,000	\$3,000,000	6/26/2023	HCMA	Resubmitted on 6/26
Grant Administration								
Grant program	Project #	Mgmt	Park/Project	Award Amt	Match	Deadline	Applicant	Updates
GLRI-FS '18	50219.688	MN/TM	LSC Black Cr Shoreline	\$160,211	-	4/30/2023	HCMA	Preparing final documents to close out grant
Impact 100 - Oakland Co. '18		MN/PB	KFC Seeding Green Future	\$90,000	-	11/18/2023	MF	Helping teachers over summer to prep science lab to house equipment for new school year
LWCF '19	51120.114	MN/AC	Oak Access. Nature Trails	\$124,000	\$124,000	2/29/2024	HCMA	Soliciting bids; selection must be approved by DNR prior to award
LWCF '20	50621.500	MN/JK	LH Walnut Grove Campground	\$300,000	\$150,000	6/30/2025	HCMA	Engineering design to begin this fall
MNRTF '20	50821.221	MN/JK	DxH Accessible Launch	\$192,700	\$192,800	11/30/2023	HMCA	Finalizing design and getting ready to request permits; received 6-month extension
NFWF-SEMRF '21	51021.319	MN/TM	Wil Big Bend Area Restoration	\$250,000	\$177,859	6/30/2023	HCMA	All plantings completed; requesting 1-yr extension
Ford Volunteer Corps '21		MN/KK	Wolcott Raised Garden Beds	\$7,500	-	11/30/2021	MF	Project complete w/exception of new signage and recognition plaque
NEEF-Toyota '21	90021.1156	MN/KK	Beach Wheelchairs	\$20,000	-	10/31/2023	HCMA	Finalizing RecTrac information; August opening; waiting on harness straps
DNR TF '21	51222.244	MN/AC	LE Cherry Island Trail	\$300,000	\$192,500	7/31/2024	HCMA	Eng. design in progress; modifications to existing plan to reduce costs & simplify maint.
Consumers Energy Found.	90022.1159	MN	IS Headwater Restoration	\$100,000	-	5/31/2024	HCMA	Invasive species removal late summer
GLRI-EPA Nonpoint Source	51222.247	MN	LE Green Infrastructure & Six Points	\$483,500	-	4/30/2025	HCMA	SHPO authorization received; QAPP prepared; planning underway
NOAA GLs Fish Habitat Restor.	51123.117	MN/MH	Flat Rock Dam Removal Feasibility	\$745,000	\$25,000	9/30/2024	GLFC	Analysis & testing has begun; public engagement to commence
Anonymous Foundation		MN/JJ	Get Out and Learn (GOAL)	\$10,000	-	7/15/2023	MF	Project complete; working on Final Report and Foundation invoicing
Towsley Foundation		MN/JJ	Get Out and Learn (GOAL)	\$5,000	-	7/15/2023	MF	Project complete; working on Final Report and Foundation invoicing
PNC and Young Foundation		MN/LP	Early Childhood Ed. - W. Mobile Cen	\$7,500	-	9/30/2023	MF	Programming complete; working on final reporting
US DOJ Bulletproof Vest Partnership		MN/CP	Police Department	\$3,520	50%	8/31/2024	HCMA	Submitted reimbursement documentation to State; waiting on check
DNR TF '22		MN/?	DEL Take-out Renovation	\$300,000	\$302,600	TBD	HCMA	Approved for funding; waiting on project agreement
Fed. Community Project via DOT		MN/JB	Liv. Co. Connector Trails Design	\$900,000	-	9/30/2026	HCMA	Coordinating RFP through Livingston Co. Road Commission & MDOT
Mi Invasive Species Grant Program	90023.1172	MN/TM	IS, KEN, SC, WOL	\$30,000	-	4/30/2026	HCMA	Bids received; selection to go to DNR for approval
MMRMA - Risk Avoidance Program		MN/RR	SC Beach Security Camera System	\$12,500	50%	7/31/2023	HCMA	Security cameras installed; reimbursement request to be submitted once invoiced
MCWCF - Loss Prevention Program		MN	Police PPE	\$2,546	-	TBD	HCMA	PPE purchased; submitted reimbursement request on 7/11
CFSEM RCWJr Legacy Fund for Youth Sports	90023.1166	MN	Summer Swim in Liv., Oak., Wash. Co	\$25,000	-	4/26/2024	MF	Programs ongoing
Erb Family Foundation		MN	Wayne Co. SW Mgmt Assessment	\$45,000	-	TBD	MF	Working with Six Rivers and HRC to begin analysis
DNR Iron Belle Trail	50529.126	JB/MH	LH IBT Design Engineering	\$82,075	\$23,400	9/1/2023	HCMA	Project close out
LWCF '19	51220.241	JB	LE Kayak Launch	\$122,500	\$122,500	6/1/2024	HCMA	Project Agreement Signed
TAP Grant		JB	SC 26-Mile Connector Trail	\$214,455	\$43,000	12/31/2021	Macomb Co	Liquidated damages letter sent to contractor
Ralph C. Wilson Jr. Foundation		JB	Southern District	\$2,682,755	-	6/15/2023	MF	Island Lake's grant will be extended through 2025
EGLE Non point source	50220.696	JB	LSC Beach	\$300,000	\$100,000	12/31/2023	HCMA	Bird counts and monitoring on-going
EGLE - Recycling		JB	Western & Southern Districts	\$48,816	\$12,204	9/29/2023	HCMA	4th quarterly report submitted
MNRTF '20	50621.499	JB	LH IBT	\$300,000	\$416,766	6/1/2023	HCMA	Ribbon cutting on 8/21
LWCF '20	506-21-501	JB	LH Off-Leash Dog Area	\$165,400	\$165,400	6/30/2025	HCMA	Ready for design
NOAA/Great Lakes Commission		JB/TM	Lake Erie Shoreline Restoration	\$1,449,609	\$135,194	extended	HCMA	Post monitoring
Renew MI - DRFC		JB	DRFC	\$1,000,000	N/A	4/30/2022	HCMA	Fourth quarterly report submitted
DTE Foundation	90022.1151	JB	Tree plantings at HMI & WMI	\$4,000	\$4,000	Spring 2023	HCMA	10 trees left to plant at Hudson Mills
LWCF 2022		JV	LSC West Boardwalk	\$500,000	\$500,000	6/30/2026	HCMA	Grant agreement completed
LWCF 2022		JV	Stony Creek Reflection Trail	\$500,000	\$500,000	2025ish	HCMA	Design underway
DNR Waterways		JB	North Marina - Engineering	\$294,000	\$306,000	4/3/2023	HCMA	RFP in development
State Appropriation		JB	North Marina - Construction	\$5,000,000	\$1,000,000	TBD	HCMA	
EGLE High Water Infrastructure		JB	LSC Parking lot	\$1,500,000	\$375,000	6/30/2025	HCMA	Project Agreement on Aug BOC agenda



**HURON-CLINTON METROPOLITAN
AUTHORITY**

To: Board of Commissioners
From: Jennifer Jaworski, Chief of Interpretive Services
Subject: Interpretive Services Monthly Report
Date: August 3, 2023

Action Requested: Motion to Receive and File

That the Board of Commissioners' receive and file August 2023 Interpretive Services Report as recommended by Chief of Interpretive Services, Jennifer Jaworski and staff.



HURON-CLINTON METROPARKS

INTERPRETIVE SERVICES MONTHLY REPORT

August 2023

Administrative Office
13000 High Ridge Drive
Brighton, MI 48114



[METROPARKS.COM](https://www.metroparks.com)



TABLE OF CONTENTS

Community Engagement	4
Programming	6
Grants	14

COMMUNITY ENGAGEMENT

Michigan Activity Pass

- The Michigan Activity Pass (MAP) program gives library card holders free and discounted access to museums and cultural amenities throughout the state. You can check out a daily Metroparks pass like you would a library book and redeem one MAP pass per week with your library card and have 7 days to use it after it's been checked out.
 - 1533 passes were checked out in July 2023
 - 510 redeemed in July 2023.
 - To compare to 2022 data
 - 1088 were checked out in July.
 - 561 redeemed in July.



Plants program at the Redford



Program at the Detroit Riverfront Conservancy

COMMUNITY ENGAGEMENT

Community Outreach Programming

Below is a summary of the Community Outreach programming for the month of July.

Community Events- a combination of Community Recreation

Month	Date	Program Name	Organization	Public, Private, Charter, Preschool, or Other	Location	City	County	Zip Code	Reg Program hrs	Number of participants	Brief Description of Event	
JULY	7/7/2023	Lavender Daze	Indigo Lavender Farm	Outreach	Indigo Lavender Farm	Imlay City	ST CLAIR	48444	11	446	Festival goers interacted with staff learning about a variety of animals that live in Michigan: feeling pelts, skulls, antlers; watched a short video clip about hydroponics, and were able to observe an actual hydroponics demonstration.	
JULY	7/7/2023	Reading and Rhythm-Explore the Sun	Detroit Riverfront Conservancy	Outreach	Detroit Riverfront Conservancy	Detroit	Wayne	48207	3	323	Participants interacted with study skins from mammals of Michigan, viewed taxidermy and children had an opportunity to make a solar bracelet using UV beads	
JULY	7/7/2023	The Plants We Eat	Detroit Public Library - Redford Branch	Public	Detroit Public Libraries	Detroit	Wayne	48219	1	27	Participants listened to a story being read; sang a song; learned about what plants need to survive and what part of plants we eat; met a box turtle who likes to eat plants; and viewed a puppet show.	
JULY	7/8/2023	Lavender Daze	Indigo Lavender Farm	Outreach	Indigo Lavender Farm	Imlay City	ST CLAIR	48444	6	330	Festival goers interacted with staff learning about a variety of animals that live in Michigan: feeling pelts, skulls, antlers; watched a short video clip about hydroponics, and were able to observe an actual hydroponics demonstration.	
JULY	7/9/2023	Lavender Daze	Indigo Lavender Farm	Outreach	Indigo Lavender Farm	Imlay City	ST CLAIR	48444	7	590	Festival goers interacted with staff learning about a variety of animals that live in Michigan: feeling pelts, skulls, antlers; watched a short video clip about hydroponics, and were able to observe an actual hydroponics demonstration.	
JULY	7/10/2023	Stars and Stories	Roseville Public Library	Other		Roseville	Macomb	48066	1	23	Participants acted out the Greek myth of The Rescuer of Andromeda and viewed constellations in the planetarium	
JULY	7/12/2023	Shells, Scales and Pollywog Tails	Bowen Branch Detroit Library	Public	Detroit Public Libraries	Detroit	Wayne	48216	1	19	Participants listened to a story being read, learned about adaptations of amphibians and reptiles; pretended to be some of these animals; met a few live animals; and viewed a puppet show.	
JULY	7/12/2023	People of the Three Fires	River Rouge Public Library	Other		River Rouge	Wayne	48218	1	23	Participants learned about different indigenous technologies and tried their hand at friction fire making (no fires are actually made) and pump drills	
JULY	7/13/2023	Reading and Rhythm	Detroit Riverfront Conservancy	Outreach	Detroit Riverfront Conservancy	Detroit	Wayne	48207	3	281	Participants interacted with study skins from mammals of Michigan, viewed taxidermy and had an opportunity to touch a live snake	
JULY	7/14/2023	Reading and Rhythm	Detroit Riverfront Conservancy	Outreach	Detroit Riverfront Conservancy	Detroit	Wayne	48207	3	552	Participants interacted with study skins from mammals of Michigan, viewed taxidermy and had an opportunity to touch a live turtle	
JULY	7/14/2023	Mammals are Marvelous	Detroit Public Library - Redford Branch	Public	Detroit Public Libraries	Detroit	Wayne	48219	1	30	Participants learned about different kinds of mammals and got to touch animal furs, watch a puppet show, sing songs, and dress up as some important mammals	
JULY	7/15/2023	Birding Program for Detroit Outdoors	Detroit Outdoors	Other	Detroit Outdoors	Detroit	Wayne	48228	1	12	Participants went on a bird walk and learned birding basics. They also learned about how we're partnering with DPSCD for supplemental science lessons. They used binoculars and were given stickers and maps	
JULY	7/19/2023	We're Fond of Ponds	Jefferson Branch Library	public	Detroit Public Libraries	Detroit	Wayne	48234	1	12	Participants listened to a story being read; learned about adaptations of some animals that live in a pond habitat; pretended to be some animals growing up; felt a beaver pelt; and met some live amphibians and reptiles.	
JULY	7/20/2023	Reading and Rhythm	Detroit Riverfront Conservancy	Outreach	Detroit Riverfront Conservancy	Detroit	Wayne	48207	3	451	Participants interacted with study skins from mammals of Michigan, viewed taxidermy and had an opportunity to touch a live turtle	
JULY	7/21/2023	Reading and Rhythm-Explore the Pond	Detroit Riverfront Conservancy	Outreach	Detroit Riverfront Conservancy	Detroit	Wayne	48207	3	429	Participants interacted with study skins from mammals of Michigan, viewed taxidermy and interacted with macroinvertebrates from the Huron River. Also viewed a toad and treefrog.	
JULY	7/21/2023	Crawling Cuties	Douglass Branch Library	Public	Detroit Public Libraries	Detroit	Wayne	48208	1	21	Participants listened to a story being read; learned about adaptations of insects; sang a song; viewed a puppet show; pretended to be insects growing up; and met a few live animals.	
JULY	7/21/2023	Birds of Prey	Detroit Public Library - Redford Branch	Public	Detroit Public Libraries	Detroit	Wayne	48219	1	26	Participants interacted with wings and feet from various birds of prey. Participants touched these items to gain a better understanding of bird of prey characteristics	
JULY	7/22/2023	Stroller Roll & Bugtopia @ Nankin Mills	Wayne County Parks	Public	Wayne County Parks		Wayne	48185	3	1408	The number of participants is the total for both events. Two events at the same location taking place simultaneously. COIs handled both events. At the Stroller Roll: Participants interacted with study skins from mammals of Michigan and viewed taxidermy. At Bugtopia: Participants viewed live insect larva on their host plants and interacted with an insect identification display.	
									TOTAL	51	5003	

PROGRAMMING

Teacher Workshop Opportunities

In 2023, the Interpretive Department has planned 8 teacher workshop opportunities on a variety of topics and in/near each of the five counties. To date, more than 45 teachers and informal educators have participated with additional opportunities coming in the fall. Teachers earn continuing education clock hours towards their teaching license recertification while learning new ways to connect their students to hands-on science learning.

HCMA also partnered with NOAA and the Detroit Zoo to put on a three-day workshop for teachers at the Zoo campus and Belle Isle Nature Center in July that focused on local climate change education.

While not aimed at teachers, specifically, HCMA is hosting the Michigan Master Naturalist course for the first time! Developed Michigan State Cooperative Extension, this course takes place every other year throughout the state and is aimed at adults with an interest in nature and natural resources. The Huron-Clinton region cohort is made of up 32 adults from all over Michigan (we're drawing people from as far as Jackson and Flint!) for monthly sessions that focus on a variety of natural resource and interpretive topics. The class meets 6 times, in 3 different Metroparks, to develop a foundation in Michigan nature- from plants to birds to insects.



HCMA/DZS climate change training



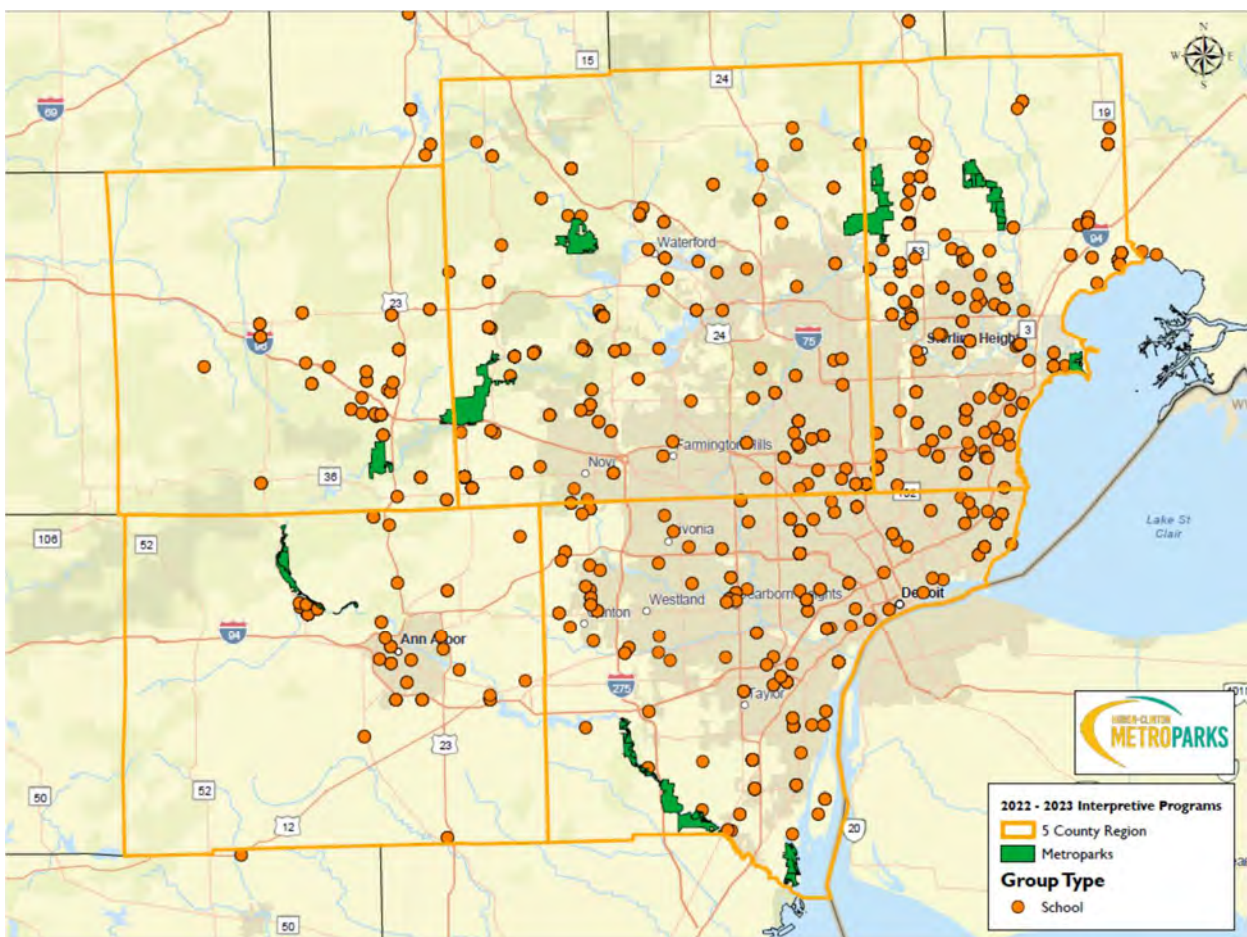
Milkweed Project training

2022-2023 SCHOOL PROGRAMMING

AT A GLANCE

2022-2023 school year:		2021-2022 school year:		Increase %
Reservations	2928	Reservations	593	494
Reservations off-site	838	Reservations off-site	277	302
Reservations at Interpretive centers	2060	Reservations at Interpretive centers	316	651
Schools participated	399	Schools participated	283	140
Participation count:	206,582	Participation count:	105,854	195

The 2022-2023 school year saw an incredible increase in programming data across the board. Field trips to the Metroparks and programming at schools opened as the world is adjusting to Covid-19. However, a major contributor to this as well is the Metroparks Board of Commissioners made educational programs and career development with students a high priority and set aside budgeted funds to make it happen.



Map of Schools that participated in programming at the Metroparks and at schools.

	Organization	Address	City	Zip code
1	21st Century, Roberto Clemente/Amelia Earhart Academies	2651 Saulino Court	Dearborn	48120
2	Academy of the Americas	5680 Konkel	Detroit	48210
3	Adams, Dan		Milan	48160
4	Almont Middle School	4624 Kidder Rd	Almont	48003
5	Amelia Earhart Elementary School	1000 Scottem Street	Detroit	48209
6	American Montessori Academy	30055 Joy Rd	Westland	48185
7	Amerman Elementary	847 North Center Street	Northville	48167
8	Anchor Bay Schools Lighthouse Elementary	51880 Washington Street	New Baltimore	48047
9	Andersonville Elementary	10350 Andersonville Rd	Davisburg	48350
10	Ann Arbor Academy	1153 Oak Valley Drive	Ann Arbor	48108
11	Ann Arbor Christian	5500 Whitmore Lake Rd	Ann Arbor	48105
12	Ann Arbor Open at Mack	920 Miller Avenue	Ann Arbor	48103
13	Ann Arbor Public Schools	2555 S State St	Ann Arbor	48104
14	Ann Arbor Trail Magnet School	7635 Chatham	Detroit	48239
15	Apollo Childhood Center		Highland	48357
16	Armada Area Schools: Krause Elementary School	23900 Armada Center Rd	Armada	48005
17	Armada Library	73930 Church Street	Armada	48005
18	Armstrong, Jacquelynn		Clinton Township	48035
19	Arno Elementary	7500 Fox	Allen Park	48101
20	Ashley Elementary		New Baltimore	48047
21	Atwood Elementary	45690 North Avenue	Macomb	48042
22	Bajorek, Agnes	48876 Lansdowne Ct	Utica	48317
23	Bartlett Elementary	350 School Street	South Lyon	48178
24	Bates Elementary	22811 Gudith Road	Woodhaven	48183
25	Beacon Elementary	7480 Dan Hoey Road	Dexter	48130
26	Beck Centennial	54600 Hayes Rd	Macomb	48042
27	Bedford Elementary	4650 Croissant	Dearborn Heights	48125
28	Benjamin Franklin Middle School	33555 Annapolis St	Wayne	48184
29	Bennie Elementary	17401 Champaign	Allen Park	48101
30	Beringer, Hope		Washington	48095
31	Berkley Parks and Recreation	2400 Robina Ave.	Berkley	48072
32	Beth Jacob School, C Grossman		Oak Park	48237
33	Bethany Christian School		Troy	48083
34	Birch Grove University Prep	2878 North Rochester Rd	Oakland	48363
35	Bird Elementary	220 Sheldon Road	Plymouth	48170
36	Bluebird House	2403 S Lee Baker Dr	Southfield	48075
37	Bobcean Elementary	28300 Evergreen		48134
38	Bochenek, Sara		Grosse Ile	48138
39	Brenda Scott Academy	18440 Hoover St.	Detroit	48205
40	Bridge Academy East, Madina Hrnac		Hamtramck	48212
41	Brown Elementary	25484 Middlebelt Rd	New Boston	48164
42	Bryant Elementary Preschool	2150 Santa Rosa Dr.	Ann Arbor	48108
43	Buchanan Elementary	16400 Hubbard Road	Livonia	48154
44	Cabrini, Sarah Maffesoli		Allen Park	48101
45	Calkins, Carrie	11434 Sumpter Rd	South Lyon	48178
46	Camp Dexter Day Camp	2704 Baker Rd	Dexter	48130
47	Campau, Jennifer		Saint Clair Shores	48081
48	Canton Charter Academy	49100 Ford Rd	Canton	48187
49	Capac Elementary	351 W. Kempf Ct.	Capac	48014
50	Carleton Elementary School	11724 Casino Ave	Detroit	48224
51	Carman, Angela		Dearborn	48124
52	carr, raymind			488380
53	Chaffin, Jessica	18530 Marquette Street	Roseville	48066
54	Cheryl Stockwell Academy	9758 East Highland Rd.	Howell	48843
55	Chesterfield Twp Day Camp		New Baltimore	48047
56	Childtime Learning Center	5230 Bogie Lake Road	Commerce Township	48382
57	Christ Community Church	25410 Kelly Road	Roseville	48066
58	Clarkston Elementary	6589 Waldon St	Clarkston	48346
59	Clarkston Public Schools Funshine	6397 Clarkston Rd.	Clarkston	48346
60	Clay, Amy		Harrison Township	48045
61	Clinton Community Schools		Clinton	49236
62	Clinton Valley GSRP		Mount Clemens	48043
63	Commerce Elementary	520 Farr St.	Commerce Township	48382
64	Cook, Maryanne	40700 W Ten Mile Rd	Novi	48375
65	Cooley Elementary	2000 Highfield Rd	Waterford	48329
66	Cornerstone Christian School	9455 Hilton Rd.	Brighton	48114
67	Country Elementary Preschool		Pinckney	48169
68	Country Oaks Elementary	5070 Duck Lake Road	Commerce Township	48382
69	Cranbrook	39221 Woodward Ave	Bloomfield Hills	48304
70	Crauthers, Alexis		Walled Lake	48390

71	Creation Station		Harrison Township	48045
72	Creative Montessori			48195
73	Crissman Elementary	53550 Wolf Dr	Utica	48316
74	Cross of Glory	61095 Campground Rd	Washington	48094
75	CTK Classical School	6655 Middlebelt Road	West Bloomfield	48322
76	Cummings, Dawn		Plymouth	48170
77	Darty, Angela	5863 Jackson Street	Taylor	48180
78	Davis, Danielle	21505 Easter Rd	Detroit	48219
79	Davisburg Elementary	12003 Davisburg Rd.	Davisburg	48350
80	de Bruijn, Katherine	8300 30 Mile Road	Washington	48095
81	Defer Elementary	15425 Kercheval Avenue, Grosse Pointe Park	Grosse Pointe	48230
82	Detroit Achievement Academy	7000 West Outer Drive	Detroit	48235
83	Detroit Country Day School	3003 West Maple Road	Bloomfield Hills	48301
84	Dickinson East Elementary	3386 Norwalk Street	Hamtramck	48212
85	Distinctive Schools	19360 Harper Avenue	Harper Woods	48225
86	Dodson Elementary	205 South Beck Road	Canton	48187
87	Dolsen Elementary	56775 Rice Street	New Hudson	48165
88	Dooley Little Learners	16170 Canberra St	Roseville	48066
89	Dort Elementary	16225 Dort Street	Roseville	48066
90	Drayton Ave CoOp Preschool		Ferndale	48220
91	Dryden Elementary	3835 N. Mill Road	Dryden	48428
92	Dryden Elementary	3835 Mill Road	Dryden	48428
93	Dublin Elementary	425 Farnsworth Rd	White Lake	48386
94	Duncan Elementary	14500 26 Mile Rd	Utica	48315
95	Dziedzic, Aneta		Warren	48091
96	Eagle Creek Academy	3739 Kern Road	Oakland	48363
97	Ebeling Elementary School	15970 Haverhill Dr	Macomb	48044
98	Edison Career Center	1650 Mapledale Street	Ferndale	48220
99	Edison Elementary			48065
100	Einstein Elementary	14001 Northend Ave	Oak Park	48237
101	Emerson Elementary		Detroit	48219
102	Emerson Elementary	32151 Danna Street	Fraser	48026
103	Endeavor Elementary	22505 26 Mile Rd	Ray	48096
104	Erving Elementary		Trenton	48183
105	Escuela Avencemos	8925 E Jefferson Ave Apt 4N	Detroit	48214
106	Evanoff, Stacy	7500 N Vernon Street	Dearborn Heights	48127
107	Faith Christian	34950 Little Mack Ave	Clinton Township	48035
108	Farmington Presbyterian Preschool	26165 Farmington Rd	Farmington	48334
109	Feezell, Presley			48161
110	Fenton Early Learning Center	860 North Leroy	Fenton	48430
111	Ferndale Upper Elementary	24220 Rosewood Street	Oak Park	48237
112	First Steps Preschool	400 East Grand River Ave.	Brighton	48116
113	Fischer Magnet Lower Academy	15510 East State Fair	Detroit	48205
114	Flinckinger Elementary		Utica	48317
115	Fordline Elementary		Southgate	48195
116	Forsythe Middle School	1655 Newport Road	Ann Arbor	48103
117	Francis Higgins Elementary	29901 24 Mile Rd	New Baltimore	48051
118	Franklin, Lauren		Warren	48088
119	Friends Preschool	1200 Atlantic Street	Milford	48380
120	Frontier International Academy		Warren	48093
121	Fuller, Alesia	6023 Beaufort Dr	Canton	48187
122	Gaffigan, Melissa			48360
123	Gallimore Elementary	8375 Sheldon Road	Canton	48187
124	Geer Park Elementary		Dearborn	48126
125	Gildenwoods Howell	3811 Grand Oaks Dr.	Howell	48843
126	Gildenwoods New Hudson		New Hudson	48165
127	Glacier Way Cooperative Preschool	900 S. 7th Street	Ann Arbor	48103
128	Glen Peters School	46650 Heydenreich Road	Macomb	48044
129	Go Like the Wind Montessori	8845 Main Street	Whitmore Lake	48189
130	Goy, Michelle		Fraser	48026
131	Grayson Elementary		Waterford	48329
132	Great Oaks Elementary	32900 24 Mile Road	New Baltimore	48047
133	Green House Montessori	3613 Green Brier Blvd	Ann Arbor	48105
134	Greenfield Union Elementary	420 West Seven Mile Rd.	Highland Park	48203
135	Grizzly Learning Camp	550 Perry Avenue	Ypsilanti	48197
136	Grosse Pointe Academy	171 Lakeshore Drive	Grosse Pointe	48236
137	Gudith Elementary	22700 Sibley Rd	Riverview	48193
138	Hamilton-Parsons Elementary	69875 Dequindre Rd	Leonard	48367
139	Hardy Elementary School	24650 Collingwood Drive	South Lyon	48178
140	Hartland Lake Elementary	687 Taylor Rd, Brighton, MI 48114	Brighton	48114
141	Hawkins Elementary	8900 Lee Road	Brighton	48116

142	Hazel Park United Oaks Elementary School	1001 E Harry Ave	Hazel Park	48030
143	Hedke Elementary			48183
144	Heikkila, Tiffany	67669 Chesapeake	Washington	48095
145	Heritage Elementary	219 Watkins Blvd	Highland	48357
146	herzog, suzanne	8201 Church rd	Imlay City	48444
147	Hevel Elementary	12700 29 Mile Road	Washington	48094
148	Hickory Woods Elementary	30655 Novi Road	Novi	48377
149	Highland Elementary			48357
150	Highpoint Virtual Academy			49668
151	Highview Elementary School	25225 Richardson St.	Dearborn Heights	48127
152	Hilton Elementary School	9600 Hilton Rd.	Brighton	48114
153	Hoder, Amy	54136 Verona Park Drive	Macomb	48042
154	Holbrook Elementary		Hamtramck	48212
155	Holly Elementary	801 East Maple St	Holly	48442
156	Holy Name Catholic School	680 Harmon Street	Birmingham	48009
157	Home Team Homeschool	11167 Cassidy Trail	Davisburg	48350
158	Homeschool		Belleville	48111
159	Hornung Elementary		Brighton	48116
160	Hornung Elementary	4680 Bauer Rd	Brighton	48116
161	Huron Elementary		Clinton Township	48038
162	Huron Elementary	15800 Terra Bella St.	Clinton Township	48038
163	Hutchings Elementary School	3503 Bigelow Rd.	Howell	48855
164	Immaculate Conception	7043 Church Rd	Ira	48023
165	Immaculate Conception School	29500 Westbrook Avenue	Warren	48092
166	Immanuel Lutheran	47120 Romeo Plank Rd	Macomb	48044
167	Indian Hills Elementary	8401 W 29 Mile Rd	Washington	48095
168	Indian Hills Elementary	8401 29 Mile Rd	Washington	48095
169	Inter-city Baptist School	4700 Allen Road	Allen Park	48101
170	Ivywood Classical Academy	14356 Genoa Ct.	Plymouth	48170
171	IXL Learning Center Howell	5424 East Grand River	Howell	48843
172	Jamie Griffin, Homeschool	463 Preston Cir	Dexter	48130
173	John R. King Academic and Performing Arts Academy	15850 Strathmoor St.	Detroit	48227
174	John R. King Academy - Kindergarten	15850 Strathmoor St	Detroit	48227
175	Johnson, Devin	26242 e Cherokee rd	Flatrock	48134
176	Kaiser Elementary	16700 Wildwood St.	Roseville	48066
177	Keith Elementary	2800 Keith Rd.	West Bloomfield	48324
178	Keller, Victoria		Hamtramck	48212
179	Kent Lake Elementary	30181 Kent Lake	South Lyon	48178
180	Kidsland Montessori	2970 Baker Road	Dexter	48130
181	Kindercare	13830 19 mile rd	Sterling Heights	48313
182	Kindercare Cornerstone Village	21775 22 Mile Road	Macomb	48044
183	Kindercare Lakeside	31810 19 Mile Road	Sterling Heights	48313
184	King Elementary	3800 Waldenwood Dr	Ann Arbor	48105
185	King High School	3200 E Lafayette	Detroit	48207
186	kment Elementary	20033 Washington St	Roseville	48066
187	Knudsen Elementary		Waterford	48327
188	Lake Shore Schools - S.A.C.C.		Macomb	48042
189	Lakeshore Public Schools	28850 Harper Ave.	Saint Clair Shores	48081
190	Lee science olympiad team	36040 Pound rd	Richmond	48062
191	Lefever, Cheryl			48044
192	Leigh, Sara		New Baltimore	48047
193	Leonard Elementary	4401 Tallman Drive	Troy	48085
194	Life Enrichment - Shelby	5225 22 Mile Road	Utica	48317
195	Life Enrichment Academy	31029 Comcast Dr	New Haven	48048
196	Lighthouse Connections Academy	4536 Stoney Acres Ln	Highland	48357
197	Little Friends of Whitmore Lake	10195 Nine Mile Rd.	Whitmore Lake	48189
198	Little Saints Christian School	12701 Highland	Hartland	48353
199	Little Turtle		Macomb	48044
200	Livingston Christian Schools	7669 Brigfhton Rd.	Brighton	48116
201	Lobbestael Elementary School	38495 Prentiss St	Harrison Township	48045
202	Loftis, Serina	46297 apple lane	Macomb	48044
203	Long, Jen		Flat Rock	48134
204	Lorber, Steve		Warren	48088
205	Lottie Schmidt El	33700 Hooker Rd	New Baltimore	48047
206	Lutz Vocational School		Clinton Township	48038
207	Macomb Community College	44575 Garfield Road	Clinton Township	48038
208	Macomb Parks and Recreation	20699 Macomb Street	Macomb	48042
209	Madison Academy	6170 Torrey Rd,	Flint	48507
210	Maple Tree Montessori	2944 South Old US Hwy 23	Brighton	48114
211	Marcus Garvey Academy	2301 Van Dyke	Detroit	48214
212	Masonic Heights Elementary	22100 Masonic Blvd	Saint Clair Shores 135	259 48082

213	McDonald Elementary	10151 Diversey St.	Dearborn	48126
214	McDonald, Kathy		Warren	48091
215	Memorial Elementary School		Riverview	48193
216	Mercey Education Project	1450 Howard St	Detroit	48216
217	Meridian Elementary	26700 Meridian Road	Grosse Ile	48138
218	Merritt Academy		New Haven	48048
219	Metro Detroit Homeschool Outings	620 MILFORD MEADOWS DR	Milford	48381
220	Michigan Adventurers Homeschool	2705 Griffith	Berkley	48072
221	Milford High School Adult Transition Program	2380 S Milford Rd	Highland	48357
222	Miller Elementary		New Boston	48164
223	Mohawk Elementary	48101 Romeo Plank Rd	Macomb	48044
224	Mohawk Elementary		Macomb	48044
225	Moms of South Lyon	11359 Scotch Court	South Lyon	48178
226	Monfort Elementary School	6700 Montgomery Drive	Utica	48316
227	Monteith Elementary	1275 Cook Rd	Grosse Pointe	48230
228	Montessori Academy of Canton	44390 Palmer	Canton	48188
229	Montessori Stepping Stones	174 Cass Avenue	Mount Clemens	48043
230	Moraine Elementary	46811 Eight Mile Road	Northville	48167
231	Morning Star Child Care	7394 Dexter-Ann Arbor Road	Dexter	48130
232	Mound Park Elementary	5356 Toepfer	Warren	48091
233	Muneer Academy	11200 E. Eleven Mile Road	Warren	48089
234	Munson, Melissa		Washington	48094
235	Mustard Seeds Preschool	1155 North Commerce Rd	Commerce Township	48382
236	Myers Elementary			48180
237	New Have Preschool		New Haven	48048
238	New Haven E.S.	57701 River Oaks Dr.	New Haven	48048
239	Nolan, Matt			48103
240	Northville Presbyterian Preschool	200 E. Main St	Northville	48167
241	Northwood Elementary School Royal Oak	926 W. 12 Mile Rd	Royal Oak	48073
242	Notre Dame Marist Academy	1425 Giddings Rd	Pontiac	48340
243	Nutty Scientists	206 Middle Dr	Ypsilanti	48197
244	Oak Valley Middle School	4200 White Oak Trail	Commerce Township	48382
245	Oakdale Academy	3200 Beacham Dr	Waterford	48329
246	Oakland Family Services	114 Orchard Lake Rd	Pontiac	48341
247	Oakland International Academy		Detroit	48211
248	Oakland University	50859 Russell Dr	Macomb	48044
249	Oakman Elementary	7545 Chase Rd.	Dearborn	48126
250	Oakside Prep Academy		Waterford	48328
251	Orchard Primary School: Almont	4664 Kidder Rd	Almont	48003
252	Our Lady of the Lakes	5495 Dixie Hwy	Waterford	48329
253	Oxbow Elementary		White Lake	48386
254	Palmer Park Prep Academy	3901 Margareta Ave	Detroit	48221
255	Parker Elementary School	22055 Quinn	Clinton Township	48035
256	Parsons Elementary School	14473 Middle Gibraltar Road	Gibraltar	48173
257	Pasteur Elementary	19811 Stoepel Street	Detroit	48221
258	Pattengill Elementary	3540 Morrison	Berkley	48072
259	Patterson Elementary	3231 Grange Hall Rd	Holly	48442
260	Peace Lutheran	6580 24 Mile Road	Utica	48316
261	Peanut Patch Preschool	313 E Northport St.	Walled Lake	48390
262	Peggy Walsh, St. Joseph Catholic School		Trenton	48183
263	Pine Knob Elementary	6020 Sashabaw Road	Clarkston	48346
264	Pioneer Girls/Victory Kids	53626 Fox Point Drive	New Baltimore	48047
265	Pleasant Lake Elementary	4900 Halsted Rd	West Bloomfield	48323
266	Plotinski, Kristine			48093
267	Plumbrook Elementary School	39660 Spaulding Dr	Sterling Heights	48313
268	Plymouth Scholars Charter Academy	48484 N Territorial Rd	Plymouth	48170
269	Plymouth-Canton Montessori	45245 Joy Rd	Canton	48187
270	Rainbow Elementary School	33749 Wurfel St	Clinton Township	48035
271	Ralph Waldo Emerson Elementary	32151 Danna St	Fraser	48026
272	Reach Charter Academy	25275 Chippendale Street	Roseville	48066
273	Renaissance High School	6558 Waldon Road	Clarkston	48346
274	River Rouge STEM Academy		River Rouge	48218
275	Riverside Academy West	6409 Schaefer Road	Dearborn	48126
276	Riverside West Academy	6409 Schaefer Rd.	Dearborn	48126
277	Roberto Clemente Learning Academy	1551 Beard St	Detroit	48209
278	Roberts Elementary	2400 Belle View	Utica	48316
279	Rogers Elementary	21601 Lanse Street	Saint Clair Shores	48081
280	Romeo Schools		Romeo	48065
281	Romeo Washington Bruce Parks & Recreation	361 Morton Street	Romeo	48065
282	Romulus Elementary			48174
283	Roosevelt Elementary School	302000 Lyndon	Livonia	48154

284	Rose Pioneer Elementary	7100 Milford Rd	Holly	48509
285	Rosebrook Child Development Center	7600 Nemco Way	Brighton	48116
286	Royal Oak High School		Royal Oak	48073
287	Rubba, Suzanne		Harrison Township	48045
288	Rudolf Steiner School	2775 Newport Road	Ann Arbor	48103
289	Saint Clair Shores Community Education	23340 Elmira Boulevard	Saint Clair Shores	48082
290	Salem Elementary	7806 Salem Rd	Salem	48175
291	Salina GSRP	2700 Ferney	Dearborn	48120
292	Saline Cooperative Preschool	6299 Ann Arbor-Saline Rd	Saline	48176
293	Salk Elementary		Clinton Township	48035
294	Salvation Army	1258 Biddle	Wyandotte	48192
295	Sampson Webber Academy	4700 Tireman Ave.	Detroit	48204
296	Sayre Elementary School	23000 Valerie St.	South Lyon	48178
297	scheiwe, wendy			48390
298	Schenevar, Karen		Flat Rock	48134
299	School, Zion Lutheran			48162
300	Schoolcraft in Waterford	6400 Macide Dr	Waterford	48329
301	Schorsch, Sandy		New Baltimore	48047
302	Schroeder Elementary	3541 Jack Dr.	Troy	48084
303	Schulze Elementary	10700 Santa Maria	Detroit	48221
304	Schwarzkoﬀ Elementary School Utica	8401 Constitution Blvd	Sterling Heights	48313
305	Sequoyah Elementary, Lily Karwacki			48042
306	Shajara Tayyiba School	7437 North Sheldon Road	Canton	48187
307	Shawnee Elementary	21555 Vesper Drive	Macomb	48044
308	Shepherd of the Lakes Lutheran School	2101 S Hacker Rd	Brighton	48114
309	Shibly, Amy			48042
310	Shrine Catholic Grade School	1621 Linwood Ave	Royal Oak	48067
311	Siersma Elementary School	3100 Donna Avenue	Warren	48091
312	Smith, Leanne		New Baltimore	48047
313	South Lyon Early Childhood Center	310 N Warren	South Lyon	48178
314	South River Elem.			48045
315	South River Elementary	27733 S. River Road	Harrison Township	48045
316	Southeast Michigan Forest School	6651 Devonshire Drive	Canton	48187
317	Southfield Christian School	28650 Lahser Rd	Southfield	48034
318	Southwest Elementary	915 Gay Street	Howell	48843
319	Spiritus Sanctus Academy	4101 East Joy Rd.	Ann Arbor	48105
320	St Germaine	28250 Rockwood	Saint Clair Shores	48081
321	St Joan of Arc School	22415 Overlake	Saint Clair Shores	48080
322	St John Lutheran Rochester		Rochester	48307
323	St Lawrence Parish	44429 Utica Rd	Utica	48317
324	St Peter Lutheran	17051 24 Mile Rd	Macomb	48042
325	St. Anne Catholic School	5920 Arden Ave	Warren	48092
326	St. Clare of Montefalco Catholic School	16231 Charlevoix	Grosse Pointe	48230
327	St. Fabian Catholic School	32200 W. 12 Mile Rd	Farmington	48334
328	St. Joan of Arc School	22415 Overlake Street	Saint Clair Shores	48080
329	St. John Lutheran		Rochester	48307
330	St. Lawrence Parish School	44429 Utica Rd	Utica	48317
331	St. Linus Catholic School	6466 N Evangeline	Dearborn Heights	48127
332	St. Mary Catholic School	2 Union Street	Mount Clemens	48043
333	St. Matthew Lutheran School	2040 S. Commerce Road	Walled Lake	48390
334	St. Michael Lutheran	3003 Hannan Rd	Wayne	48184
335	St. Michaels School	510 Front Street		48161
336	St. Patrick Catholic School	9040 Hutchins Rd	White Lake	48386
337	St. Peter's Lutheran School	23120 Gratiot Avenue	Eastpointe	48021
338	St. Pius Catholic School	14141 Pearl Street	Southgate	48195
339	St. Pius School	14141 pearl St	Southgate	48195
340	St. William Catholic School		Walled Lake	48390
341	Stapleton, Amy		Trenton	48183
342	Steenland Elementary	16335 Chestnut St	Roseville	48066
343	Stevenson Middle School		Westland	48186
344	Strohm, Alyssa			48043
345	Summit Academy North	18601 Middlebelt	Romulus	48174
346	Suszynski, Ariel		Washington	48095
347	Taft-Galloway Elementary		Wayne	48184
348	Terry, Scott		Commerce Township	48382
349	Thompson K-8 International Academy	16300 Lincoln Dr.	Southfield	48076
350	Thompson, Natalie	6949 Wilson Drive	Dexter	48130
351	Thornton Creek Elementary	46180 West Nine Mile Road	Novi	48374
352	Three Fires Elementary	4125 Crooked Lake Road	Howell	48843
353	Tomlinson Middle School	25912 Annapolis	Inkster	48141
354	Tot-Spot Brighton	850 Spencer Rd	Brighton	137/259 48116

355	Triangle Cooperative Preschool	1432 Washtenaw Ave	Ann Arbor	48104
356	Trinity Early Childhood	38900 Harper Avenue	Clinton Township	48036
357	Trinity Lutheran Church and School	45160 Van Dyke	Utica	48317
358	Troy Union Elementary		Troy	48085
359	Tutor Time - Commerce		Commerce Township	48382
360	University Liggit School		Grosse Pointe	48236
361	University Prep Academy		Detroit	48202
362	University Presbyterian Church	1385 South Adams Rd.	Rochester	48309
363	Upland Hills School		Oxford	48370
364	Upland Hills School	2575 Indian Lake Road	Oxford	43370
365	Utica Community Schools: Ebeling	15970 Haverhill Drive	Macomb	48044
366	Vandenberg Elementary	24901 Cathedral	Redford	48239
367	Voyager Elementary	1450 Byron	Howell	48843
368	Waggoner, Alicia	1372 Pingree Rd. Howell MI 48843	Howell	48843
369	Walled Lake Early Childhood Center	40839 13 Mile Rd	Novi	48377
370	Walled Lake Elementary	1055 West Maple Road	Walled Lake	48390
371	Walton Charter Academy		Pontiac	48340
372	Warren Woods Elementary	12900 Frazho	Warren	48089
373	Washington Elementary School	58230 Van Dyke	Washington	48094
374	Washington Elementary School	1440 Superior Blvd	Wyandotte	48192
375	Washtenaw Community College	4800 E. Huron River Drive	Ann Arbor	48105-4800
376	Waterford Montessori Academy		Waterford	48329
377	Wayfinders Homeschool		Taylor	48180
378	Wayne Elementary	10633 Courville St, Detroit, MI 48224	Detroit	48224
379	Wayne-Metro Harper Woods Ferry School	19258 Kelly Road	Harper Woods	48225
380	Wayne-Westland Community Schools English Learners	39932 Michigan Ave.	Canton	48188
381	Webber Elementary	3191 W. Clarkston Rd.	Lake Orion	48362
382	Webster Early Childhood Center	431 W Jarvis	Hazel Park	48030
383	West Bloomfield Preschool Academy	5080 Commerce Road	West Bloomfield	48324
384	West middle School, Sara Bochenek		Taylor	48180
385	West Shore Elementary	3076 Lahring Rd.	Fenton	48430
386	West Utica Elementary	5415 West Utica Rd	Utica	48317
387	Weston Preparatory Academy	22930 Chippewa St	Detroit	48219
388	Westwood Elementary	11999 Martin Rd.	Warren	48093
389	Whitmore Lake Elementary School	1077 Barker Road	Whitmore Lake	48189
390	Wild and Free Southeast Michigan	623 Fairbrook St	Northville	48167
391	Wiley Elementary	47240 Shelby Road	Utica	48317
392	Will L Lee Elementary School: Richmond	68399 S Forest Avenue	Richmond	48062
393	Willow Woods Elem.		Sterling Heights	48312
394	Wilson Middle School		Wyandotte	48192
395	Wixom Elementary	301 N. Wixom	Wixom	48393
396	World of Wonder Club Fenton Schools	404 West Ellen St.	Fenton	48430
397	Yergin, Mark	50889 Drakes Bay Dr.	Novi	48374
398	York, Amanda			48045
399	Ypsilanti Community Schools	235 Spencer Ln	Ypsilanti	48198

GRANTS

- **Get Out and Learn (G.O.A.L.)**

The G.O.A.L scholarship covers transportation for in-person field trips. All program fees are included in the scholarship in addition to the cost of transportation to and from a Metropark. Qualifying schools must have at least 50% of their students eligible to receive the federal free and reduced lunch program.

Get Out and Learn Scholarship	
Teachers applied	101
Teachers scheduled	68
Number of schools	52
Number of participants	5724

“Brenda Scott Pre-kindergarten classes enjoyed their field trip to the farm.” M. Dimitriou, Brenda Scott Academy, DPSCD

“The overall experience was great! The staff and students all had a wonderful time. I highly recommend it.” J. Detmer, Carleton, DPSCD

“We loved students having the opportunity to visit each of the barn areas and learn more about the animals in each area of the farm.” K. Ashbaugh, Kaiser Ele. Roseville Community Schools

“The weather was beautiful. The children were able to see different animals and learn about them...Everyone did a great job” C. Selva, Fisher Magnet Lower Academy, DPSCD

- **Four County Community Foundation**

Experiential Learning with Stony Creek

We have seen over 1100 students either on site or had an outreach interpreter visit their school for in-person program. The microscopes, purchased with 4CCF grant funds in the fall, have been a huge help to our spring pond programs. We also noticed more middle school (6th grade) students coming out this year for water quality programs that were revamped thanks to the purchase of additional microscopes.

Experiential Learning with Wolcott Mill

In total, we saw 901 students onsite for Farm Tours, Maple Sugaring, Michigan Settlers, and Greenhouse and Gardens. In addition, we were able to do 1 offsite Hydroponics program at Hevel Elementary for 35 students giving us a total number of students served as 936.

- **Impact 100 Oakland County: Seeding a Green Future**

The Impact 100 grant project *Seeding a Green Future* has been actively supporting and providing programming for the middle school students of Thompson K-8 Academy in Southfield. The Salmon in the Classroom project, funded by the grant, was successful and a tank full of young salmon were released into the Huron River Mid-May on a field trip to Huroc Park in Flatrock with water quality programming provided after the release by Metropark staff. Recent in-classroom programming has covered topics including the basics of gardening and

GRANTS

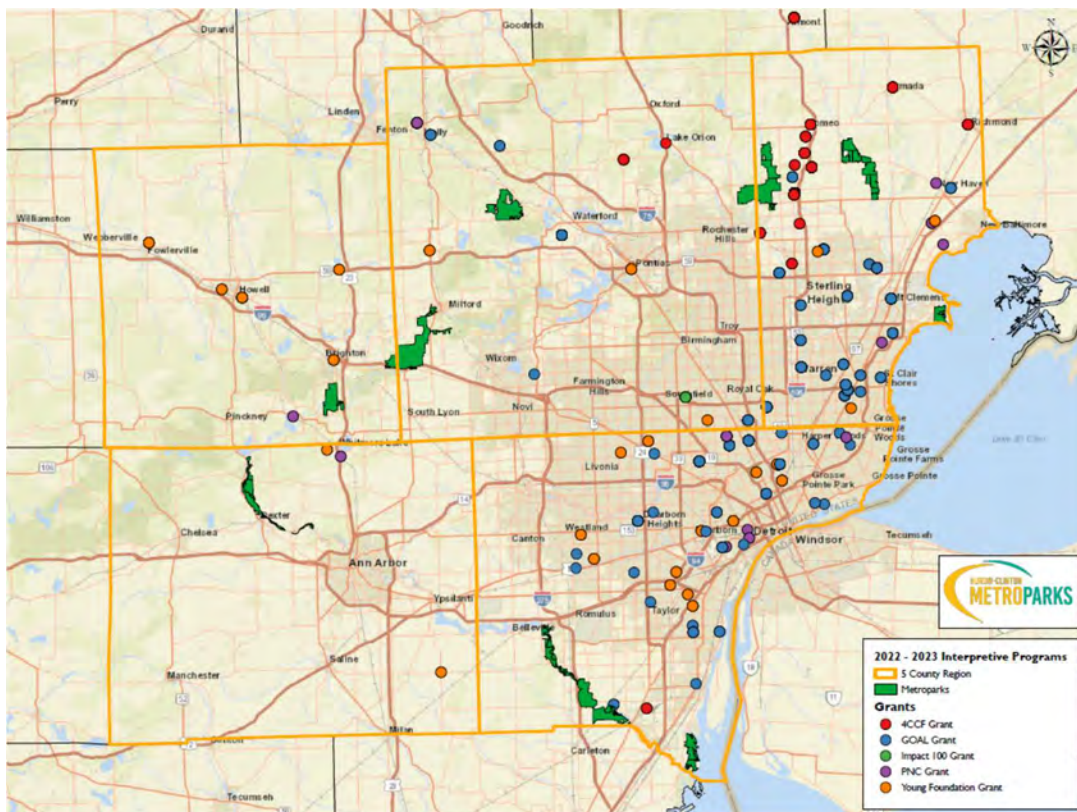
dendrochronology. With funding from the grant, the schools garden will be restored and planted May 24th as part of the school's Family STEM Night. Project field trips include trips to the Matthaei Botanical Gardens in Ann Arbor May 31st and June 1st for the 7th and 8th grade students.

- **PNC and Young Foundation: Growing Excitement for Science in Early Learners**

These grant funds allowed hands-on nature-themed programs for 56 classrooms from 32 schools—reaching a total of 1,063 students. This project used a variety of methods to teach young children about animals, where they live, and how their distinct traits allow them to function within their habitat. Students were encouraged to hold and touch many of the items, providing a tactile experience to reinforce learning about the animal's unique characteristics.

PNC: 32 schools were visited; 56 programs conducted; for a total of 1063 people. Per county these schools are broken out as follows: Livingston County - 7, Macomb County - 5, Oakland County - 1, Washtenaw County- 2, Wayne County - 17. There were 20 cities visited with Detroit receiving the most number of schools visited at 6 schools.

Young Foundation: 27 schools were visited; conducting 67 programs; for a total of 1275 people. Divided out among the 5 counties: Livingston - 6, Macomb - 3, Washtenaw - 2, Wayne - 14. There were 20 cities visited with Detroit receiving the most number of schools visited at 4 schools.



Map of Schools who participated because Grants and Scholarships were available.





HURON-CLINTON METROPOLITAN AUTHORITY

To: Board of Commissioners
 From: Mike Henkel Chief of Engineering Services
 Subject: Update Dam Studies
 Project Title: Dam Studies
 Location: Stony Creek, Kensington, Flat Rock; Macomb, Oakland and Wayne Counties
 Date: 8-2-2023

Action Requested: Receive and File

That the Board of Commissioners' receive and file this report and as presented by the engineering consultant GZA as recommended by Mike Henkel, Chief of Engineering Services and staff.

Background: Since their original construction; Flat Rock dam in 1924, upper and lower Stony Lake dams in 1961, and Kent Lake dam in 1946, there has been much development on the downstream side of the structures. While the Metroparks dams have been maintained in good order, in consideration of development, changing intense weather patterns, and the age of the structures it was out of an abundance of caution that staff sought to take an in depth look at the structures and facilitate the use of new technology to develop updated inundation modeling. At the August 12, 2021, Board of Commissioners meeting, GZA was awarded a contract to study two main categories of work in relation to the Metroparks dams. The first was to provide a physical evaluation of the existing dams which includes an in-depth engineering investigation of the dam components and structures. The second was to develop updated inundation maps while considering different possible modes of failure. The original estimated timeline to complete the work was targeted for 2 years, however due to the design of the stop logs, fabrication lead times, seasonal lake level requirements to complete inspections, and scheduling with outside agencies, this timeline will be extended until the project's completion.

At each of the dam locations a computer model was developed using computer imaging, topography, and downstream characteristics. It is important to note that the mapping is based on a model and its associated assumptions. As such, the resulting map it is an estimate of what the potential outcome could be and is not a definitive conclusion. The geographical maps of the modeling work at each of the locations has been substantially completed. However, additional modeling at Stony Creek is necessary due to the projected water depth at the limits of the model. These results will be used to update the Metroparks emergency action plans (EAP's) and to facilitate discussions with state, local, and county agencies in relation to their hazard mitigation and response planning. Now that the computer models are built, future updates to maps can be more easily achieved in response to our changing climate, updated rainfall data, and other potential events. This can be accomplished by changing the input design parameters and rerunning the model. Other work also completed includes the review of historical structural information, review of the Metroparks current emergency action plans, the development of bidding documents for the procurement of stops logs, and a visual site inspection at each location. Ongoing work includes design discussions with the manufacturer for the fabrication of stop logs. Stop logs are structural beam members designed to hold back flow and maintain water elevation which are necessary to facilitate the internal inspections and do any future maintenance work. Upcoming work will include discussions with outside agencies, internal dam component inspections, extended modeling for Stony, and a final report with recommendations.

Dam Requirements

Regulated dams are inspected at frequency that is based on the hazard classification. High hazard dams are required to have inspections every 3 years, significant hazard dams every 4 years, and low hazard dams every 5 years. The result of those inspection assigns a condition rating based on the inspection as satisfactory, fair, poor, unsatisfactory, or not rated. The last inspections conducted for the dams at Stony Creek (2020), Kent Lake (2019) were given a satisfactory assessment and Flat Rock (2020) fair.

The Metroparks owns and operates 4 regulated dams. Dams are classified as regulated if they are over 6 feet in height and impound more than 5 acres during design flood.

Dam Hazard Classifications:

High Hazard

Dams assigned the high hazard potential classification are those where failure or mis-operation will probably cause loss of human life.

Significant Hazard

Dams assigned the significant hazard potential classification are those dams where failure or mis-operation results in no probable loss of human life but can cause economic loss, environmental damage, disruption of lifeline facilities, or can impact other concerns. Significant hazard potential classification dams are often located in predominantly rural or agricultural areas but could be in areas with population and significant infrastructure.

Low Hazard

Dams assigned the low hazard potential classification are those where failure or misoperation results in no probable loss of human life and low economic and/or environmental losses. Losses are principally limited to the owner's property.

Condition Assessment Ratings

Satisfactory

- No existing or potential dam safety deficiencies are recognized. Acceptable performance is expected under all loading conditions.

Fair

- No existing dam safety deficiencies are recognized for normal loading conditions. Rare or extreme hydrologic and/or seismic events may result in a dam safety deficiency.

Poor

- A dam safety deficiency is recognized for loading conditions that may realistically occur.
- Remedial action or further investigations and studies are necessary to determine risk.

Unsatisfactory

- A dam safety deficiency is recognized that requires immediate or emergency remedial action for problem resolution.

Not rated

- The dam has not been inspected, is not under State jurisdiction, or the dam has not been inspected, is not under State jurisdiction, or has been inspected but, for whatever reason, has not been rated.

Metropark Dam Details

Upper Stony Lake Dam

The Upper Stony Lake Dam was constructed in 1961 to create a recreational lake. The dam is owned by HCMA and located in Stony Creek Metropark. It consists of a 1,550-foot long earthen embankment and a 56-foot wide concrete overflow spillway. The embankment has an approximate crest width of 42 feet and approximate upstream and downstream slopes of 3 horizontal to 1 vertical (3H:1V). Impoundment levels are controlled by the 56-foot wide fixed crest principal spillway. Drawdown of the impoundment is achieved via two 24-inch drawdown gates located in each spillway abutment. The dam has a structural height of 24 feet, a hydraulic height of 19.1 feet, and maintains 6.6 feet of head with 8 feet of freeboard, creating a 90-acre impoundment under normal flow conditions.



Upper Stony Lake Dam

Lower Stony Lake Dam

The Lower Stony Lake Dam was constructed in 1961 to create a recreational lake. The dam is owned by HCMA and located in Stony Creek Metropark. The dam consists of a 3,500-foot long earthen embankment and a 60-foot wide gated principal spillway. The embankment has an approximate crest width of 42 feet and approximate upstream and downstream slopes of 3 horizontal to 1 vertical (3H:1V). Impoundment levels are controlled by a 60-foot wide drum gate located within the principal spillway structure. Drawdown below the drum gate sill elevation is achieved via two 30-inch diameter drawdown gates located in concrete spillway abutments. The dam has a structural height of 32 feet, a hydraulic height of 30.1 feet, and maintains 26 feet of head with 4 feet of freeboard, creating a 590-acre impoundment under normal flow conditions.



Lower Stony Lake Dam

Flat Rock Dam

The current Flat Rock Dam was constructed in 1924 by Henry Ford to generate hydroelectric power. The dam consists of a 492-foot wide concrete spillway with an abandoned lock system immediately to the right of the spillway. The abandoned locks now serve to control flow to a fish ladder constructed downstream of the head gates. The former powerhouse structure is located approximately 250 feet right of the spillway. The former powerhouse building now houses Flat Rock Metal, Incorporated, a local metal manufacturing plant. The dam has a structural height of 16.5 feet, a hydraulic height of 15.9 feet, and maintains 9 feet of head with 4.5 feet of freeboard, creating a 188-acre impoundment under normal flow conditions. The dam is flanked by very short earthen abutments at each end.



Flat Rock Dam

Kent Lake Dam

The Kent Lake Dam was originally constructed in 1946. The dam is owned by HCMA and is located in Island Lake State Recreation Area. The dam consists of 102-foot long right and 102-foot long left earthen embankments, and a 90-foot wide principal spillway structure. The earthen embankments have approximate crest widths of 20 feet, upstream slopes of 3.0 horizontal to 1 vertical (3H:1V), and downstream slopes of 2H:1V. The principal spillway consists of a 90-foot wide concrete overflow section with a 48-inch diameter, gated, reinforced concrete pipe (RCP) drawdown structure located within the right abutment. Lake levels are maintained via a 90-foot wide drum gate located along the principal spillway overflow section. The drum gate is controlled via a valve house located at the right end of the overflow section. The dam has a structural height of 20 feet and a hydraulic height of 17.7 feet. It maintains approximately 13 feet of head, creating a 1,050-acre impoundment under normal flow conditions.



Kent Lake Dam



**HURON-CLINTON METROPOLITAN
AUTHORITY**

To: Board of Commissioners
From: Amy McMillan, Director
Project Title: Approval – 2023 Board of Commissioners Retreat
Date: August 3rd, 2023

Action Requested: Motion to Approve

That the Board of Commissioners approve the GSO Solutions proposal for the 2023 Board Retreat.

Background: The Board retreat will be held on October 31, 2023 facilitated by GSO Solutions. The Board of Commissioners retreat will be focused on the strategic plan. In preparations of the retreat, GSO will conduct individual interviews with each Board of Commissioner member and department Chiefs.



PROPOSAL FOR HURON-CLINTON METROPARKS 2023 BOARD RETREAT

Background

The Huron-Clinton Metroparks has requested a proposal for its first board retreat following the adoption and launch of the new strategic plan. This is also the first retreat with Commissioner Parker presiding as chair. Retreats are meant to give the board additional time and space to engage each other on progress against goals, input from staff, current landscape of risks and opportunities, as well as the organization’s long-term strategy.

Scope of Work

A breakdown of costs for major project milestones is below. The work has three phases beginning with pre-meeting activities, a facilitated workshop with the board and select Metroparks staff, and a post-workshop summary. The work will start by August 1, 2023 and finish no later than November 30th, 2023. The retreat is scheduled for October 31, 2023.

Deliverable	Description	Pricing
Pre-meeting activities*	<ul style="list-style-type: none"> Seven commissioner interviews based on approved interview guide Up to 12 department director interviews based on approved interview guide Agenda development Session exercises and corresponding materials 	\$9,800
One-day retreat* Design based on input from board, executive director, and department heads	<ul style="list-style-type: none"> Set-up Facilitation of session Tear down 	\$4,000
Post-session summary	Summary report of meeting outcomes, recommendations, and next steps	\$950
TOTAL:		\$14,750

*Price does not include direct expenses for location, catering, or meeting materials

Starter Agenda

The retreat agenda will be informed by commissioner interviews, department director interviews, and stakeholder feedback. This starter agenda is an outline and serves as a template for the final agenda. The final agenda will be approved prior to developing workshop materials.

Huron Clinton Metroparks Board Retreat Objectives:

- A. Gather and discuss input from department heads on current strategy
- B. Dive deep on how programming and operations is supporting the board's goals and objectives
- C. Collect feedback from board on highlights, course corrections, and counsel for consideration going forward

Pre-meeting Activities – Shaping the Agenda

- Develop board of commissioners interview guide and execute seven (7) one-on-one interviews
- Develop department directors interview guide and execute no more than twelve (12) one-on-one interviews
- Work with Amy and Micaela to approve interview guides, retreat agenda and outcomes, as well as meeting logistics and materials; additional input on agenda development will come the Board of Commissioners Programming Subcommittee.

Reconnecting – People and Plan

- Going Deeper: an opportunity for board members to learn more about each other's motivation for public service and how their lived experiences are shaping their approach
 - Profile of each board member
 - Proud moments since serving on the board
 - How their service has evolved
 - Thoughts on their legacy today and tomorrow
- Strategic Plan Review
 - Review organizational mission, vision, and values
 - Review strategic plan's vision, goals, and objectives
 - Review strategic plan timeline and milestones

Progress Reflection

- Strategic Plan Storytime: review examples that show how the organization's engagement has changed since adopting the strategic plan
 - Programming – how have our services changed
 - Revenue – how have our finances changed
 - Accountability – how do we hold ourselves accountable to the board's expectations
 - Perception – how are residents responding to our efforts
- Department Director Roundup: review themes from department director interviews
 - What projects bring you the most joy; what projects are the most impactful; what must be done to ensure the future has more projects like these?
 - How have your priorities changed since the strategic plan's adoption?
 - What would help you accelerate your work on those priorities; any barriers need to be removed?
- Board of Commissioners Discuss: review themes from commissioner interviews
 - Opportunities and threats – based on your current view of the world, what opportunities and threats exist for the Metroparks?

Looking Forward

- Up for Discussion: topics and themes for the board to deliberate and provide counsel on as staff continue their progress executing the strategic plan
 - Topics and themes provided in the commission interviews
 - Topics and themes illuminated from the day's activities

About GSO

GSO Solutions (GSO) is a mission-driven agency that partners with public, private, and nonprofit organizations to grow their impact through novel service and ownership strategies. Our mission is to build trust funds between working-class communities, the institutions that serve them, and their future prosperity. Our services help institutions and communities articulate shared growth goals, align local policy and programming to advance those goals, and utilize methods that increase stakeholders' sense of trust and belonging during the process. We know these methods are working when all parties can identify tangible and emotional ownership in the work as well as its future growth.

GSO exists to help organizations and communities maximize their potential for growth in service of their residents and populations of interest. In return, residents have an opportunity to become invested as partners and shareholders. With the right support and a smart strategy, the grassroots and their institutions can better problem solve for today's issues and invest in a future they both want. These relationships are defined by co-created and co-managed assets like neighborhood improvement authorities, land banks and trusts, advisory boards, wealth and capital generating models including loan-loss reserves, and grassroots programming to address specific community challenges.

Focusing on assets helps everyone practice the listening, learning, communication, accountability, planning, and community building necessary to sustain a relevant and high-impact community institution.

Facilitation Team



Selma Tucker is an entrepreneur with the heart of a public servant. Selma spent 15 years helping mission-driven organizations in every sector of Michigan's economy grow before founding GSO Solutions, a community wealth consulting firm. Combining a unique mix of skills in storytelling, public policy development, strategy, facilitation, and capacity building—Selma helps Michigan's institutions grow through better service and novel ownership models. No matter the task, Selma is leveraging the power of private sector entrepreneurialism to generate solutions that reimagine the impact public service can have on the lives of residents.

Selma holds a BA in public administration, with a concentration in economic development and a second major in political science, and an MPA, specializing in public management, both from Grand Valley State University.



Darlene O'Neal is a community builder and artist with decades of experience in public management. For 33 years, Darlene served West Michigan and the state in a range of capacities at the City of Grand Rapids. As a professional clerk, Darlene has a deep understanding of how municipal and public systems work. She uses her talents to make democracy and civic engagement more accessible, accountable, and effective for residents and stakeholders. Following her retirement as Clerk for the City of Grand Rapids in 2018, Darlene can be found consulting for neighborhood associations, faith institutions, and municipalities all across the state.

Her passion projects extend to increasing community involvement in the performing arts, especially dancing and singing. She's also a mentor and teacher for young public service professionals.

Darlene holds a BS in business management with minors in communication and political science from Davenport College (now Davenport University) as well as an MPA from Grand Valley State University.

Helping Communities Find Solutions

Moment Strategies

- GSO and Moment Strategies have a strategic partnership, sharing resources and collaborating on projects that have public relations and grassroots, community development objectives. Current projects include:
 - The Henry Ford – a public relations and community engagement project focused on connecting Mandela: The Official Exhibition to grassroots organizations with values in alignment with Nelson Mandela's work. The goal is to deepen relationships with these organizations to spur engagement and attendance around this exhibit and future programming with them in mind.
 - Huron-Clinton Metroparks – a public relations and community partnership project designed to help the Metroparks make progress on the organization's strategic goals and objectives. This work includes developing strategic partnerships that can support expanded programming and fund development, crisis communication, and executive positioning to open doors to new opportunities.

Operation Refuge

- Operation Refuge is a community building nonprofit based in Inkster, MI. The nonprofit provides cutting-edge, high-impact services in STEAM (science, technology, engineering, arts, and math), up-skilling, and client choice emergency food assistance for young people and their families.
- This growth strategy and strategic positioning project will garner additional investment from philanthropy and the legislature to support capacity building in internal operations and scalable services in similar communities.

City of Buchanan

- Buchanan is a rural, working-class town in Southwest Michigan with a population of approximately 5,000. The city is in the process of implementing an award-winning

master plan that calls for place-making, pedestrian-oriented design, family friendliness, and inclusive economic development.

- This strategic partnership and community wealth building project is designed to bring in resources for a growth strategy, neighborhood tax capture, and catalytic, riverfront infrastructure project. The goal of this work is to create a long-term, co-managed community investment vehicle in support of residents' longevity and community growth goals in housing, health and well-being, economic security, access to natural resources, arts and culture, and lifelong learning.

Payment Terms

1. This is a fixed-price agreement for the services detailed in the scope of work section at a cost of \$14,750.
2. Twenty percent, \$2,950, is due at the time of agreement execution with remaining balance, \$11,800, due upon completion of the project.
3. The quoted price does not include direct expenses for location, catering, or meeting materials.
4. Additional services beyond the stated scope of work are available at a cost of \$200/hr or separate proposal with its own scope of work and corresponding budget.



Letter of Agreement

I have read the attached proposal for the Huron-Clinton Metroparks (HCMA) submitted by GSO Solutions LLC (GSO) on July 19, 2023. I agree that Huron-Clinton Metroparks will pay \$14,750 for the products and services described in that document; this amount shall be payable as based on the payment terms in that document. The project will begin on receipt of this signed agreement. This price shall remain in effect for 60 days.

This agreement may be amended only by written permission from both parties and becomes effective upon their authorized signatures.

The HCMA owns the final product and supportive work, but The HCMA may not release to the public excerpted or modified portions of the final product without the approval of GSO. When GSO assures interviewees of confidentiality and/or anonymity, GSO will not attribute comments, opinions, or perceptions to specific individuals.

Services and/or products not included in this agreement shall be provided by GSO to the HCMA on a time-and-materials basis.

Please sign and return one copy to GSO Solutions LLC at 614 Windsor Terrace SE, Grand Rapids MI, 49503 or stucker@gsosolutions.com. Please retain one copy for your files.

	Huron-Clinton Metroparks		GSO Solutions, LLC
	_____		_____
By:	_____	By:	_____
	(Signature)		(Signature)
Printed Name:	_____	Printed Name:	Selma Tucker
	_____		_____
Title:	_____	Title: Principal	_____
Date:	_____	Date: July/19/2023	_____

Huron-Clinton Metroparks
Climate Action Plan

Final DRAFT for Board review
July 2023

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Table of Contents

LAND ACKNOWLEDGEMENT	4
ACKNOWLEDGEMENTS	4
EXECUTIVE SUMMARY	5
INTRODUCTION	9
The Issue	9
The Role of Parks.....	11
The Role of the Metroparks in Southeast Michigan	12
What We’re Doing and Why	13
Envisioning the Future of the Metroparks.....	13
CREATING THE CLIMATE ACTION PLAN	15
CONSIDERATIONS	17
Diversity, Equity, and Inclusion (DEI)	17
Financial	18
WHAT WE PLAN TO DO.....	19
How the Climate Actions are Organized	19
Goal 1. Education and Engagement.....	21
Goal 2. Preservation and Conservation of Natural Resources.....	25
Goal 3. Water Quality	33
Goal 4. Transportation	41
Goal 5. Waste Management, Recycling, and Composting	46
MONITORING AND REVISING.....	48
How You Can Be Engaged	49
CLOSING	49
RESOURCES	50
APPENDIX A.....	53
APPENDIX B.....	55
APPENDIX C.....	56
APPENDIX D.....	57
APPENDIX E	58

LAND ACKNOWLEDGEMENT

The Metroparks acknowledge that our parks are located on the ancestral, traditional, and contemporary lands of the Fox, Kickapoo, Ojibwa, Potawatomi, Sac, and Wyandot Nations.

We acknowledge the sovereignty of Michigan's Indigenous nations and the historic communities that have inhabited this land, both present and those who were forcibly displaced from their original territories.

We would like to express our gratitude and appreciation to the Indigenous peoples who have lived on and cared for this land from time immemorial, and who continue to be an integral part of this place.

We embrace the environmental stewardship practices rooted in the traditions of the Indigenous nations, recognizing their importance in fulfilling the mission of the Metroparks.

ACKNOWLEDGEMENTS

Metroparks will insert acknowledgements for the Climate Action Plan here post Board review

EXECUTIVE SUMMARY

This Climate Action Plan ('CAP') is the Huron-Clinton Metroparks' formal plan for explicitly focusing on climate impacts the Metroparks have and how we will work toward a climate-positive future.

CALLOUT BOX: *Climate action¹: Efforts taken to combat climate change and its impacts. These efforts involve reducing greenhouse gas emissions (climate mitigation) and/or taking action to prepare for and adjust to both the current effects of climate change and the predicted impacts in the future (climate adaptation).*

CALLOUT BOX: *Climate change²: Long-term shifts in temperatures and weather patterns. Such shifts can be natural, due to changes in the sun's activity or large volcanic eruptions. However, scientific evidence points to rapid changes happening due to human influence, such as burning of fossil fuels and the release of greenhouse gasses into the atmosphere.*

Climate action is central to fulfilling our mission of bringing the benefits of parks and recreation to all the people of southeast Michigan for all their lives. We live in a time of climatic uncertainty, with changes to our resources, both globally and locally, and how we interact with them. To maintain the benefits of the Metroparks during climate change long-term, for people and for the integrity of the ecosystems our parks protect, we must adapt our organization's practices. This CAP provides a roadmap of goals, objectives, actions, and metrics of success for specific adaptations over the next five years (2023-2028).

Metroparks will insert a brief statement on the specific vision for the CAP here post Board review

This plan builds on many efforts and voices. In considering all the potential climate actions, we focused this plan on those that were feasible and appropriate, representing different levels of challenge, different themes within Metroparks management, and different timelines for achievement. Working as a collaborative team representing multiple Metroparks departments, leadership, and research assistance from Michigan State University – Department of Community Sustainability, we engaged in 18 months of work sessions and community input to:

- Understand the content and approaches in other climate plans across southeast Michigan and from park systems nationwide;
- Gather perspectives from southeast Michigan residents and Metroparks Board of Commissioners, staff, visitors, and partnering organizations; and
- Refine possible areas for climate action in this initial plan into a concise set of final goals and actions.

We examined current climate action plans from across the region and other park systems similar to the Metroparks, to see how climate actions have (and have not) been framed and start to examine the roles that we might fill. From initial findings here on main themes, we then sought input from Metroparks visitors, Metroparks staff, partnering organizations, and residents from across the region. Through focus groups and region-wide surveys, we gathered input on the benefits visitors and residents receive from and would like preserved in the Metroparks, climate changes they have noticed and are concerned about in the region and the Metroparks, and (for staff) specifically where they would like to see and engage with Metroparks' actions.

From these work sessions and data collections, we prioritized five goals for this plan:

- **Education and Engagement.** Increase and embed climate action education across all areas of the Metroparks through sharing of knowledge, engaging with others, collaborating with partners, and forming connections with stakeholders, to make real world difference across the Metroparks and throughout our region.
- **Preservation and Conservation of Natural Resources.** Protect and enhance natural resources to ensure longevity of important ecosystems in a changing climate, to preserve these resources for the benefit of future generations.
- **Water Quality.** Enhance built and natural stormwater infrastructure in preparation for increasingly intense storms, and promote the protection of water quality.
- **Transportation.** Reduce carbon emissions associated with transportation vehicle miles traveled and provide equitable transportation options to and within the Metroparks to help mitigate the impacts of climate change.
- **Waste Management, Recycling, and Composting.** Decrease the amount of waste going to landfills by increasing efforts internally and with the public to refuse, reduce, reuse, repurpose, and recycle materials.

In total, these five goals contain 24 objectives and 130 specific actions. We will accomplish 89 of these actions over the timeline of this CAP (near-term), and make progress on the other 41 actions (long-term). This CAP acknowledges the financial landscape of the Metroparks and of climate-related work. Each goal contains rationale for its selection (including relevant data points) and associated diversity, equity, and inclusion (DEI) considerations. Near-term actions, which will be accomplished over the next five years, are accompanied by metrics of success to evaluate achievement and ensure accountability.

This CAP is a “living document,” meaning that adjustments are expected and encouraged as the work progresses and we learn how to refine our efforts in future plan versions. This plan is meant to be flexible and amenable to the uncertainty of climate change in the years to come. We will monitor progress on these actions and toward these goals with continuous tracking, re-evaluation, and updates. Progress on Metroparks staffs’ overall climate-positive awareness, engagement, and behaviors will be assessed as well. Financial metrics and considerations will be tracked annually and considered in action updates. In 2027, a progress report and evaluation will be compiled to inform the direction of the 2028 Climate Action Plan, and to identify any changes or needed shifts in major areas of focus. The CAP will be updated every five years (e.g., 2028, 2033, 2038), aligning with planning standards set by the National Recreation and Park Association’s Commission for Accreditation of Park and Recreation Agencies (CAPRA).

This document is structured to lead a reader through the reasoning behind creating a CAP, the climate actions the Metroparks will take, and additional resources. Specifically, the content sections address: context, vision, methods, goals and actions, updates, involvement, and resources and supplemental information.

Climate Action Plan Goals and Objectives At-A-Glance

<p>Goal 1. Education and Engagement: Increase and embed climate action education across all areas of the Metroparks through sharing of knowledge, engaging with others, collaborating with partners, and forming connections with stakeholders, to make real world difference across the Metroparks and throughout our region.</p>	
Objective 1.	Beginning in 2024, provide annual education to all Metroparks staff on issues of climate resilience, climate equity, stewardship, and adaptation.
Objective 2.	Beginning in 2024, provide collective engagement tools among every department within the Metroparks on issues of climate resilience, climate equity, stewardship, and adaptation on an annual basis.
Objective 3.	Integrate concepts of climate change into existing and new programs at the Metroparks and throughout our region.
Objective 4.	By 2028, host an Interpretive Regional Climate Action Conference, encouraging Interpreters and educators from across the region to attend and present on climate-related programming that they conduct. This would introduce staff to potentially new, innovative ways of presenting climate programming.
<p>Goal 2. Preservation and Conservation of Natural Resources: Protect and enhance natural resources to ensure longevity of important ecosystems in a changing climate, to preserve these resources for the benefit of future generations.</p>	
Objective 5.	Protect important natural resources elements, including threatened and endangered species, and preserve biodiversity of ecosystems facing the pressures of climate change.
Objective 6.	Integrate our land management best practices to align with the changing climate and adapt habitat management strategies and plans for on-the-ground work consistent with best management practices
Objective 7.	Enhance, expand, and restore natural areas and strengthen the ability of ecosystems to combat pressures of climate change.
Objective 8.	Protect existing and acquire additional undeveloped lands as a resource to buffer ecosystems and infrastructure from the pressures of surrounding land use and effects of climate change. Consider divestment of undesired parcels and reinvestment in acquisition of critical parcels
Objective 9.	Build strategies into all “existing and future” plans to incorporate climate adaptation resilience.
Objective 10.	Increase capacity for carbon storage in natural areas and pursue projects for the intentional storage of carbon

Goal 3. Water Quality: Enhance built and natural stormwater infrastructure in preparation for increasingly intense storms, and promote the protection of water quality.	
Objective 11.	Beginning in 2024, provide annual education opportunities to staff on issues of stormwater management and water conservation.
Objective 12.	Adopt innovative strategies to capture and manage stormwater in preparation for more severe storms and educate the public about these efforts.
Objective 13.	Become a prominent stormwater management partner in the region.
Objective 14.	Adopt a practice of strategic water usage that minimizes stress on and protects regional water resources.
Objective 15.	Monitor and protect quality of water resources adjacent to and in close proximity of the Metroparks from pollution, erosion, contamination, and other detrimental effects exacerbated (i.e., accelerated or increased) by climate change..
Objective 16.	Partner with regional organizations, including government agencies, watershed councils, non-profits, and corporate and philanthropic organizations to identify alignment and advance mutual goals of water quality protection in a changing climate.
Objective 17.	Advocate for the protection of water resources.
Goal 4. Transportation: Reduce carbon emissions associated with transportation vehicle miles traveled and provide equitable transportation options to and within the Metroparks to help mitigate the impacts of climate change.	
Objective 18.	Identify and evaluate efforts to reduce the vehicle miles traveled by Metroparks staff and reduce current levels of carbon emissions emitted.
Objective 19.	Explore the viability of using an EV fleet and developing EV charging infrastructure by 2033.
Objective 20.	Increase connectivity within our parks.
Objective 21.	Increase access to the Metroparks by centering environmental justice through every transit investment.
Objective 22.	Create internal EV transit system within the Metroparks that have the highest vehicle counts.
Objective 23.	Explore the viability of micro-mobility modes of transportation within Metroparks.
Goal 5. Waste Management, Recycling, and Composting: Decrease the amount of waste going to landfills by increasing efforts internally and with the public to refuse, reduce, reuse, repurpose, and recycle materials.	
Objective 24.	Increase waste diversion rates internally, including vendors, through reducing, reusing, and recycling.

INTRODUCTION

The Issue

Weather refers to the atmospheric conditions that we experience day to day². Weather changes quickly over the short term, including changes in temperature, precipitation, wind, humidity, and cloud cover.

Climate refers to weather patterns over long periods of time². While the weather changes hour by hour, climate changes are not so easily noticed and happen over time spans of 30 or 40 years.

Climate change is the set of long-term changes in the Earth's climate, which happens globally, regionally, and locally. Climate change is a natural phenomenon, and scientific evidence has pointed to climate variability throughout Earth's history. Despite this natural process, climate change is now happening at a faster pace³. This is largely due to human activities including the burning of **fossil fuels** and the release of concentrated **greenhouse gas** emissions.

The **greenhouse effect** is a natural phenomenon in Earth's atmosphere that makes our planet habitable. The atmosphere traps a portion of the heat that is reflected or released from the Earth's surface to keep the planet at a temperature to sustain human life⁴. **Greenhouse gasses** are the collection of gasses in the atmosphere that make this phenomenon possible and include water vapor (H₂O), carbon dioxide (CO₂), methane (CH₄), and nitrous oxide (N₂O). Since the start of the Industrial Revolution (mid-1800s), the burning of **fossil fuels (e.g., coal, oil, natural gas)** has rapidly increased the amount of greenhouse gasses being emitted and the heat that is being trapped in the atmosphere⁴.

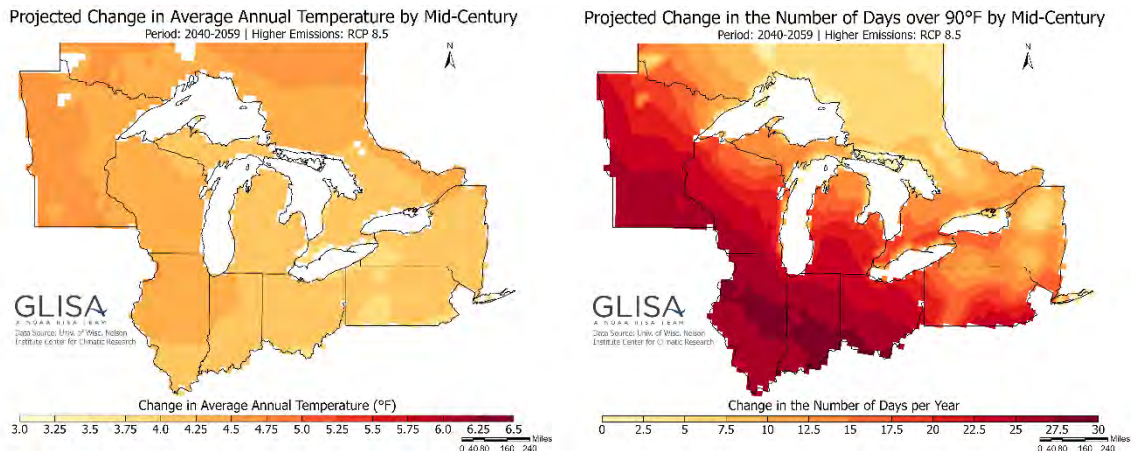
CALLOUT BOX: *Greenhouse gasses⁴: Gasses that trap heat in the atmosphere. These collections of gasses create the greenhouse effect, which is the phenomenon that ensures Earth is habitable. There are four main greenhouse gasses (GHGs): water vapor (H₂O), carbon dioxide (CO₂), methane (CH₄), and nitrous oxide (N₂O). Greenhouse gasses are naturally occurring, and essential to life on the planet, though due to human activity the levels of greenhouse gasses in the atmosphere are drastically increasing. This increase is causing rapid warming (**global warming**) of Earth, creating dangerous and severe impacts.*

Over the last 150 years, the global average temperature has risen about 2°F, and the 10 warmest years ever recorded have occurred in the last two decades³. These rising temperatures impact more than the air and surface temperature. They also influence precipitation patterns impacting growing seasons, habitats, and much more. A warmer atmosphere means a more energetic atmosphere, creating stronger, larger, and more unpredictable storm systems (e.g., winter storms, hurricanes, derechos, tornadoes).

What These Changes Mean

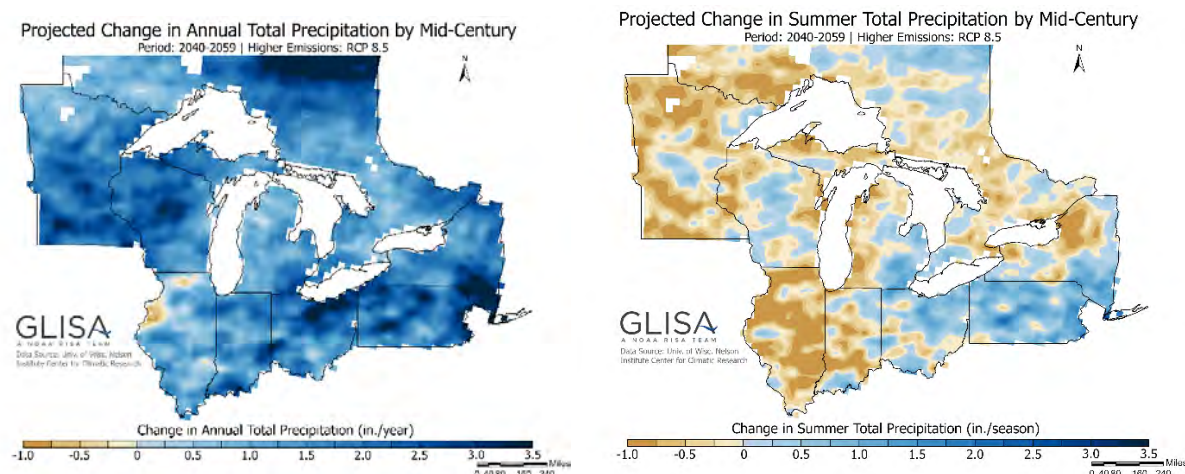
These climate changes are creating varied impacts globally, including sea level rise, less access to freshwater, agricultural concerns, increasing public health concerns, and increasing temperatures. In Michigan, specifically southeast Michigan, we are seeing increasing temperatures and changes in precipitation events. Overall, the average annual temperatures across the state have risen 3°F since

1900⁵. The number of days over 90°F (**extreme heat events**) is also increasing drastically. In southeast Michigan, the Great Lakes Integrated Sciences and Assessments (GLISA) projects that by 2050, the region will be seeing an estimated 20 more days with temperatures reaching over 90 °F⁵.



Regional maps on projected changes to average annual temperatures (left) and days above 90°F (right), produced by the Great Lakes Integrated Sciences and Assessments (glisa.umich.edu) using data from the University of Wisconsin Nelson Institute Center for Climatic Research⁵.

The state is also experiencing increases in **heavy precipitation events**. According to GLISA, these events have risen by 14% since 1951⁵. **Heavy precipitation events** are defined by days that received precipitation (rain, snow, sleet, etc.) of 2-inches or more⁵. These are expected to become more frequent, causing threats for increased flooding, **stormwater management** concerns, and public health issues.



Regional maps on projected changes to annual precipitation (left) and summer-specific precipitation (right), produced by the Great Lakes Integrated Sciences and Assessments (glisa.umich.edu) using data from the University of Wisconsin Nelson Institute Center for Climatic Research⁵.

In metro-Detroit, flooding has become a major issue and concern for residents across the region. Community members face sewer back-ups into basements and backyards, and stormwater overflows through neighborhood streets and infrastructure^{6,7}. This change in rain patterns alongside temperature increases also creates potential concerns for the agricultural industry, a prominent one across Michigan.

These combined climate changes could potentially alter growing seasons, the types of crops able to be sustained, and pest and disease management issues⁸.

Habitat and water quality is at risk too, due to these changes. With changing temperatures, **invasive, non-native species** are able to thrive and overcome native species. Some of these species are more drought resistant or do not die off in the winter months, due to the lack of snow cover or freezing temperatures⁹. Water quality is also impacted, allowing for algae and aquatic weeds to thrive in increasing temperatures, while fluctuating water levels create infrastructure and habitat concerns.

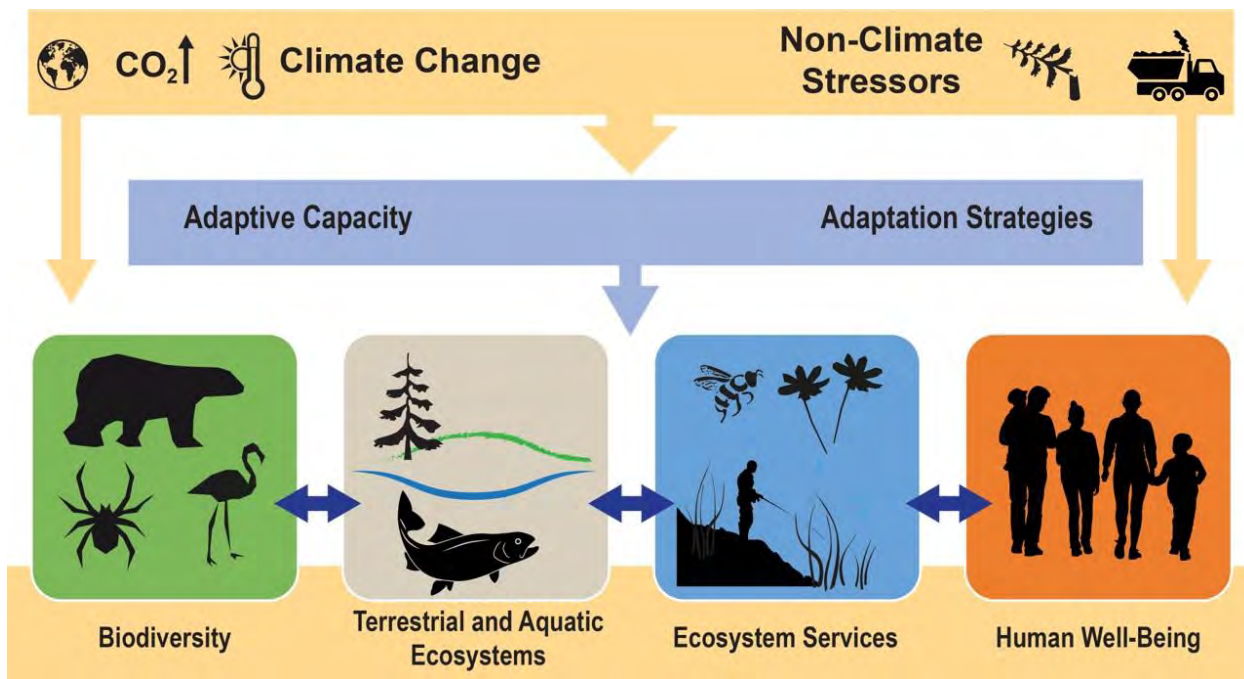
CALLOUT BOX: *Invasive species¹⁰: An organism that is not indigenous or native to a particular area. Invasive species can cause economic and environmental harm to the new area.*

The Role of Parks

Parks and green spaces play an essential role in mitigating the effects of climate change¹¹. Tree canopy and water bodies offer important resources for **carbon sequestration**, or the absorption of CO₂ from the atmosphere^{12,13}. These natural resources also create cool zones in urban areas, mitigating impacts from the **urban heat island effect**¹⁴. Parks, especially in urban areas or densely populated regions, are essential for conserving sensitive species' populations and functioning as resources that help manage the effects of climate change.

Parks are also facing climate change impacts and have an important role to play in mitigating these impacts. With changing temperatures and climate patterns, increasing visitor use and different types of recreation are being recorded^{15,16}. In urban spaces, parks can provide a sense of relief in everyday life from increasing temperatures and can filter pollutants and particulates in the air¹⁷. As traditional seasons shift, so will the recreation seasons. This can result in longer periods of time visitors will be able to recreate outdoors and changes in recreation activities¹. For example, the conditions for traditional summer activities (e.g., bicycling, picnicking, swimming, ball sports) may be available earlier in the spring and later in the fall than they have been previously, while the conditions for traditional winter activities (e.g., ice skating, cross-country skiing, sledding) may be available for only a portion of what it had been previously. Participation in water activities in rivers, lakes, pools, and splash pads is expected to increase, as seasonal shifts lengthen the amount of time that water is accessible and hotter days and nights make such access more desirable. These changes in park recreation have implications such as considering changes in seasonal staffing, resource protection, managing conflict and crowding, and maintaining accessibility.

Beyond recreation, parks provide many other benefits. The above examples showcase some of these benefits and how they are at risk with climate change. Other benefits of parks include their roles in conserving vital functions of the environment (e.g., the carbon cycle), regulating disturbances (e.g., buffers to manage flooding), providing goods and products (e.g., firewood, maple syrup), and in serving as a place to create and enhance our connections with the environment and each other. These benefits are collectively called ecosystem services¹⁸. The Ecosystem Services framework provides checkpoints for ensuring that benefits are considered, maintained, and enhanced in decision-making when managing places like parks and/or when responding to a threat like climate change. For more information on the Ecosystem Services framework and its applicability to this CAP, see Appendix A.



Relationships among the environment, people, climate change, and other stressors. These relationships are present generally and in the Metroparks. Figure publicly available from U.S. Global Change Research Program, 2018¹⁹.

The Role of the Metroparks in Southeast Michigan

Southeast Michigan is home to almost half of the entire state’s population, as well as the US’s tenth largest metro area, Detroit²⁰. The Huron-Clinton Metroparks, located strategically around this major metro center, provide 25,000 acres of green space to over 7 million visitors annually. As a regional park system, a vast array of recreational opportunities exist within their borders, including nature trails, picnic areas, educational programming, swimming and boating, winter recreation, and biking or mountain biking. Established in 1940, the Metroparks are beloved and have been an impactful place for generations of Michiganders²¹.

The Metroparks are of increasing importance as the effects of climate change worsen in the region. With an increasing number of extreme heat events, the Metroparks can provide relief to residents, whether through the 14 miles of access to Great Lake shoreline, 3,634 acres of inland lakes, or the multiple pools and splash pads. The valuable green space and trees provide shade and natural cooling microclimates, providing relief to the region that is otherwise heavily developed. The Metroparks act as natural filters and can assist with the stormwater management issues with which the region is struggling. With the high number of green spaces and their acreage, the parks naturally absorb precipitation to reduce runoff and inland flooding. These important roles played by the Metroparks create not just ecological benefits, but community-wide mental and public health benefits as well.

What We're Doing and Why

Metroparks will insert the finalized vision statement here post Board review. Draft visuals below will also be properly formatted.

The Metroparks continues to aim toward more complementary and inclusive planning efforts. The work presented in this plan builds on work already underway. In the near-term, multiple planning projects will complement and support one another in accomplishing goals and necessary action steps for the preservation and enhancement of the Metroparks.

Metroparks Plan / Initiative	Published Date
Mowing Plan	August 2018
Sustainability at the Metroparks	November 2018
Park Access Plan	July 2020
Deer Herd and Ecosystem Management Plan 2022-2026	December 2021
2023-2027 Community Recreation Plan	January 2023
Diversity, Equity, and Inclusion Plan 2023-2026	April 2023
Strategic Plan 2023-2026	December 2022
<i>In Development:</i>	<i>Projected Completion:</i>
Comprehensive Stormwater Management Plan	Spring 2024

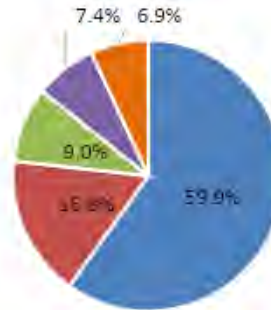
Envisioning the Future of the Metroparks

The vision for this CAP aligns with how Metroparks visitors, partnering organizations, staff, and residents of the counties we serve also envision a climate-positive future of the Metroparks. As a part of the CAP planning process, these stakeholders were encouraged to participate in focus groups and a survey (see “Creating the Climate Action Plan” and Appendix D). This provided an opportunity for them to provide input, express concerns, and share their values about the Metroparks. Two areas of questioning in particular – what they treasure most within the Metroparks and what they envision for the future of the Metroparks – helped to guide the overall vision for this CAP.

- *What are the most treasured experiences in the Metroparks?* The most common responses were opportunities to recreate or enjoy leisure time activities. These included activities such as walking, biking, kayaking/canoeing, and swimming. Beyond recreation, a wealth of responses illustrated Metroparks connections. These inform us of benefits to maintain.
- *What is envisioned as the future of the Metroparks?* Participants shared their visions for the Metroparks of 2073, and what they would like to see preserved. Visitors have been recreating in the Metroparks for generations. One of the top desired visions is that future generations will also be able to enjoy the parks to their fullest extent. This CAP steers toward that aim. We embrace these visions for the future of the Metroparks and situate this CAP as progress toward these broader goals.

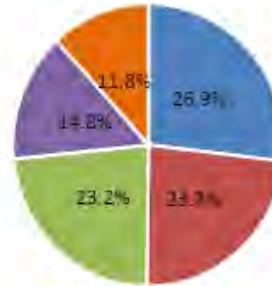
**Focus Group Top 5
Treasured Experiences**

- Recreation / Leisure Time
- Building / Strengthening Social Relationships
- Appreciation of Beauty
- Education
- Sense of Place



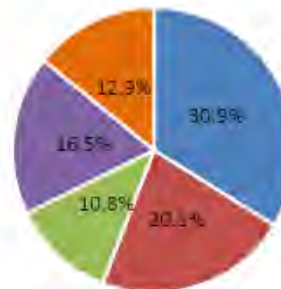
**Visitor Survey Top 5
Treasured Experiences**

- Recreation / Leisure Time
- Physical / Mental Benefits
- Appreciation of beauty
- Satisfying Knowledge that the Metroparks are Protected
- Conservation for Future Generations



**Focus Group Top 5
50 Year Visions**

- Recreation / Leisure Time
- Education
- Miscellaneous
- Satisfying Knowledge that the Metroparks are Protected
- Building / Strengthening Social Relationships



**Visitor Survey Top 5
50 Year Visions**

- Conservation for Future Generations
- Recreation / Leisure Time
- Physical / Mental Health Benefits
- Satisfying Knowledge that the Metroparks are Protected
- Appreciation of Beauty



Comments from focus group participants further elaborated on these visions, such as:

- “[I like the idea of]...parks as a garden. A place where kids can find species not necessarily in their own backyards, and realize the importance of taking care of the garden and responsibility.”
- “[I would continue to]...enjoy family activities while still being able to include nature trails and centers. [We can] continue to learn about plants and animals native to the area, as well as weather and climate.”
- “[Even though] things are going to change, [I] hope the Metroparks will continue to expand while offering the same opportunities...”
- “[I want to] still experience everything! [I would like] to still enjoy the things we enjoy today.”

CREATING THE CLIMATE ACTION PLAN

This CAP represents a collaborative effort between the Huron-Clinton Metroparks and Michigan State University (the “CAP Team”). The content of this plan was informed by the needs and capacities of the Metroparks and framed with a community-engaged research approach^{16,22,23}. A team was assembled representing leadership in the different departments of the Metroparks (20 personnel) and researchers in Michigan State University’s Department of Community Sustainability (a faculty member and a graduate student). Within this, a core team of six department heads lead the conversations between the researchers and other Metroparks staff. This team was periodically assisted by additional Metroparks staff, a facilitation consultant, and Michigan State University graduate and undergraduate research assistants.

Together, we collaboratively created and implemented an 18-month series of work sessions to:

- Understand the content and approaches in other climate plans across southeast Michigan and from park systems nationwide;
- Gather perspectives from southeast Michigan residents and Metroparks Board of Commissioners, staff, partnering organizations, and visitors; and
- Refine possible areas for climate action in this initial plan into a concise set of final goals and actions.

Throughout this work, we refer to “southeast Michigan” as our general region. Southeast Michigan is typically understood as the region encompassing Genesee, Lapeer, Lenawee, Livingston, Macomb, Monroe, Oakland, Saint Clair, Washtenaw, and Wayne counties. Within this general region, we explicitly included voices from those within the counties where one or more of our 13 parks are located: Livingston, Macomb, Oakland, Washtenaw, and Wayne counties. Because of this, our descriptions of southeast Michigan mainly relate to our service area of these five counties in particular.

Climate Plans Literature Review

To understand how the Metroparks’ CAP might support existing climate actions, and complement these existing climate actions with park-specific ones, we examined 35 publicly available climate plans. These were from cities across southeast Michigan, similar park systems nationwide, and National Park Service units. Each plan contained localized framing, goals, and actions that helped the CAP Team identify common CAP components. A full list of plans reviewed can be found in Appendix B. We analyzed the content of these plans’ climate actions, synthesizing main themes to provide information about others’ current climate actions for the Metroparks’ inspiration. This highlighted 43 common themes.

We discussed these 43 themes within the CAP Team and then engaged in an internal collaborative process of making sense of them for the Metroparks’ particular resources and concerns. Concurrently, we conducted a staff survey, in which 108 staff lent perspectives on what the Metroparks’ internal and regional responsibilities are regarding climate change. From these efforts, a final list of 16 themes was created and defined (see Appendix C), representing key areas for climate action consideration. We then reexamined the climate plans, grouping the climate actions under these 16 themes as appropriate, to

provide examples and inspiration for climate action. Though a primary theme was identified for each action, other secondary themes were often present, indicating the interrelationships among them.

“Water” provides a specific example of how this review informed the CAP. Water resources and related climate actions were discussed in the majority of climate plans generally as a public utility, and perhaps not detailed to the extent that might be expected in such a water-defined geography such as southeast Michigan¹¹. This allowed the CAP Team to focus explicitly on addressing a need for “water quality” climate action that encompassed multiple water ecosystem benefits and capitalized on the strengths of the Metroparks as a park system in this region.

Incorporating Multiple Audiences’ Perspectives

After this literature review, the CAP Team gathered perspectives from multiple interested audiences about climate change impacts and desired Metroparks actions. Appendix D provides further details on those research efforts – summaries, methods, and results. In brief, we held focus groups (online and in-person) with Metroparks visitors, staff, and partnering organizations (fall 2022); conducted online surveys for Metroparks visitors, Metroparks staff, and southeast Michigan residents (winter 2022/2023); and engaged in listening sessions with Metroparks Board of Commissioners members (fall 2022). As a CAP Team, we co-defined all approaches and content to maximize scientific structure and planning utility.

The 18 focus groups (2-2.5 hours each) engaged 203 participants in total: 118 community members (110 visitors and 8 partnering organizations) and 85 staff. All community members received a 2023 Metroparks pass in appreciation of their attendance. Sessions began with an interpretive program by Metroparks staff about climate change in the Metroparks. This provided additional value to participants for attending and eased them into the climate-focused sessions with place-based storytelling about climate change, providing a segue for participants to start considering the details of their own experiences. Questions in each session then asked about these details, focusing on personal, treasured experiences in the Metroparks and climate-related changes participants 1) have observed and 2) are concerned about in the region and specifically in the Metroparks. A final, “visioning” question concluded the sessions: visitors were asked what they would like to see preserved, maintained, and/or enhanced in the Metroparks in 50 years; partnering organizations were asked what climate actions they were currently taking or plan to take and how the Metroparks might assist them with these actions; and staff were asked what climate-related actions they would be enthused to take a personal role in at the Metroparks.

The survey effort yielded 4,220 responses: 2,385 via invitations sent to the Metroparks’ email list; 1,684 via a purchased panel of residents within the Metroparks’ five counties (Livingston, Macomb, Oakland, Washtenaw, and Wayne), including a Detroit-specific quota; and 151 via email requests to Metroparks employees for participation. The purchased panel of residents had certain considerations placed on it to ensure a representative sample of southeast Michiganders were surveyed. These included race, income, and gender. The community survey questions asked about recreation use, demographics, ecosystem services, place attachments, and – following the themes reported in the focus groups – climate-related changes participants 1) have observed and 2) are concerned about in the region and specifically in the Metroparks. Place attachment questions related to the emotional bonds that visitors hold with the Metroparks or recreational opportunities within them. Questions were generally close-ended (e.g.,

checkboxes, response scales). The staff survey did not include the recreation use questions and added open-ended questions on climate-related actions they would both support and personally engage with in their work with the Metroparks.

Optional one-on-one listening sessions were held with members of the Board of Commissioners. Three Commissioners participated in independent conversations with the members of the CAP Team about climate action planning, the role of the Metroparks regarding climate action and responsibilities to the people and places of southeast Michigan, desirable goals and actions, and external sources of information and guidance.

Following the collections in the fall and winter of 2022 – 2023, these extensive data sets were discussed and refined. This included ensuring research protocols and good practices were closely followed for qualitative and quantitative data analysis and reporting. In workshops in winter 2022/2023, the CAP Team further refined the data presentations to a useful format for meaning-making and prioritization to define actions and goals.

Creating Goals, Objectives, and Actions

Based on the 16 themes, the results from the data collections from multiple audiences, and CAP Team conversations and workshops, we determined a set of five goals in spring 2023. This process involved examining which themes might be overarching priorities for this plan, and which other themes could be acknowledged through specific objectives/actions within these goals. Once determined, the CAP Team worked with specific resources (data points, inspiration from other plans, etc.) relevant to each goal. Metroparks staff, led by members of the CAP Team, worked internally as goal-specific project teams to list and define objectives, actions, timelines, and metrics of success within each goal. The CAP Team provided check-ins and guidance to the drafting of these details, as everyone worked toward a suite of actions that accomplished distinct yet interrelated goals, incorporated a variety of levels of challenge for the Metroparks, and considered a breadth of ecosystem services.

CONSIDERATIONS

Diversity, Equity, and Inclusion (DEI)

Diversity, Equity, and Inclusion (DEI) is vital to the Metroparks. Our Board of Commissioners considers it a priority and it is deeply embedded in our guiding documents such as our mission, vision, and core values. Consequently, it is the responsibility of every Metroparks employee to uphold these principles.

In relation to the CAP, we acknowledge that climate change disproportionately affects under-resourced and historically marginalized communities. We believe that we have a role to play in mitigating these impacts. In this plan, we focus on the following areas:

Impact Management: As a park system, we recognize the importance of undertaking certain processes to benefit park ecosystems. However, some activities may have direct and indirect effects on the communities we serve. Therefore, the Metroparks is committed to carefully considering these impacts and exploring alternatives whenever possible before engaging in such activities.

Communication: Communication helps bridge the gap between scientific research and public understanding. Climate science can be complex and technical, but by translating scientific findings into accessible language, we can empower individuals to make informed decisions and support evidence-based climate policies and practices. The Metroparks is committed to providing climate information that is factual, relevant, and accessible.

Education: Internal and external education are vital components of this CAP. Educating staff about environmental sustainability and educating the public about the necessary steps and actions needed to achieve climate resilience are critical to the success of this plan. We are committed to providing educational content that not only focuses on climate-related topics but also highlights our strategies for and dedication to justice, equity, and mitigating community-based impacts.

By emphasizing impact management, communication, and education, we will address the challenges posed by climate change and ensure that our efforts are inclusive and equitable for the communities we serve. Together, we can accelerate progress toward a more just, equitable, sustainable, and resilient future for the Metroparks.

Financial

The financial impacts of the Metroparks' climate actions are being considered across the suite of efforts, as well as for individual actions. However, significant financial considerations and detailing are needed both in this initial stage and over the five years of climate action outlined in this plan. We recognize this and will act on four main areas of financial planning to support the work of this plan in an intentional manner. These efforts will be led by the Finance Department.

First, we aim to build the capacity of the Finance department to support the CAP goals. This will include seeking training on financing climate actions and educating Metroparks staff on the connections between climate action innovation and financing.

Second, we will create a financial plan for the CAP, in winter 2023/2024. This will be based on a detailed review of the goals and actions and the estimated costs of implementing them. Doing so may highlight groups of actions within each timeline that can be supported together. These types of considerations will be communicated to the CAP Team, Metroparks governance, and staff as appropriate, for adjustments and prioritizations in implementing the actions. Budgeting efforts will be identified in support of this financial plan, such as reserving allotted amounts for climate goals, evaluating capital and major maintenance impacts resulting from this plan, and evaluating the savings/additional costs regarding climate actions to determine the net costs. Within this financial plan, we recognize the ongoing impacts of climate change and will try to account for these. For example, longer summers and shorter winters will change the needs and operating dates of facilities. We will consider the impact that changing seasons have on operations when budgeting staff and material expenses and operating revenues each year.

Third, we will explore alternate sources of funding for our climate actions. At this initial stage of exploration, examples of those sources might be revenue bonds and/or grants. It also includes evaluating the potential for subsidizing climate actions with funding from revenue-generating projects.

We will consider in what ways the Metroparks might pursue alternate sources of income to offset tolling losses with increased public transportation. We will also assess investments and financial institutions for climate-related risks and take steps to mitigate those risks.

Fourth, we will revise the Metroparks' purchasing policy. This will include updates to incorporate our climate goals, partnerships in support of these, and incentives for companies with a climate-smart practice. When purchasing, we will consider and promote climate-friendly options, taking into consideration climate impacts, waste generated, and per unit costs. For example, we will encourage buying in bulk, buying low packaging options, and buying green options.

As the work of the CAP progresses and these financial steps are taken and evaluated, we will look toward longer-term goals. For example, buildings are a large source of expense at the Metroparks, and further thought needs to be given on how and when we replace or improve buildings in climate-responsive and proactive ways. This includes discussion on and plans for historic buildings, the climate tradeoffs between preservation and restoration of these structures, and when we opt for targeted and intentional preservation versus full restoration of structures (e.g., The Mill). Because climate work with buildings is a large and complex inquiry, it exemplifies the type of ongoing conversation we will be having as an organization in addition to the known actions listed in this CAP. Our aim is to consider what would be needed for a set of goals and actions for buildings and then prioritize areas for action now and in the next version of the CAP.

WHAT WE PLAN TO DO

This CAP contains a suite of goals, objectives, and actions. Each goal may be read as an independent effort. Yet, this CAP is structured to recognize the relationships among efforts and work toward the vision of a climate-responsive park system. This plan builds on many actions and initiatives already present in the Metroparks. Appendix E contains a list of all current actions, plans, and initiatives that contribute to climate action as related to the following five goals. Below are some of the overarching elements across the goals, followed by the goals, objectives, and actions themselves.

How the Climate Actions are Organized

The climate goals and their associated objectives and actions are detailed in a common format. The CAP Team determined checkpoints within and across the goals, as described below.

Each goal relates to a primary theme, which is named in the goal and described beneath it as a statement about desired conditions. Though each goal has a distinct focus and justification based on the need for this focus, each also ties into other climate-related themes. These connections illustrate how, collectively, the five goals cover all 16 themes of the Metroparks' climate work. Though the prioritization effort is never easy, the current five goals efficiently integrate many themes.

DEI considerations for each goal are also described. Broadly, these considerations regard impact management, communication, and education. Specifically, they relate to 11 key areas: accessibility, affordability, awareness and education, community engagement, cultural relevance, environmental

justice and advocacy, equity, inclusivity, partnerships and collaboration, safety, and traditional knowledge and indigenous perspectives.

The five goals each then have an “About” section. This details the definitions used for the goal and the relevance and importance of the goal to the Metroparks’ work and broader concerns (e.g., environmental protections, access for all). Each goal also includes compelling points from the data collections, which were used to consider what to prioritize for this plan. Together, this suite of information provides more context for why these goals and their objectives and actions were chosen for inclusion.

At the more specific “objective” level, the relevance of each objective for inclusion in this plan is provided and the actions related to each objective are listed. Each goal contains 1-7 objectives, and each objective contains 1-11 actions.

This plan contains 130 actions we will undertake to address climate change. Actions are specific tasks or activities that need to be completed to achieve the objective, goal, and ultimately, climate adaptation and mitigation progress. Our actions listed are ones that can be tracked and evaluated, have a deadline for completion, and list responsible parties as appropriate to complete or lead progress on the action.

Actions are grouped by timeline (near or long-term) and represent a range of time commitments. Near-term actions (89 actions) are slated to be accomplished within the five-year planning period. Actions indicated as long-term (41 actions) will be *started* within the next five years, and the first to be revisited and finalized in the following five-year period (2028-2033).

Near-term actions are accompanied by metrics of success. Metrics of success provide clarity on when we will know that an action has had progress or has been attained. Metrics of success have been drafted with our best knowledge from within the Metroparks and in considering similar goals in others’ climate plans. They represent a range of levels of challenge, as we have crafted this plan in both ambitious and accomplishable terms.

Goal 1. Education and Engagement

Increase and embed climate action education across all areas of the Metroparks through sharing of knowledge, engaging with others, collaborating with partners, and forming connections with stakeholders, to make real world difference across the Metroparks and throughout our region.

Themes Integrated

Partnerships, Education

DEI Considerations

- **Accessibility:** Providing inclusive materials, considering physical ability, and offering alternative formats for individuals with different needs.
- **Inclusivity:** Featuring diverse voices and perspectives in educational materials, incorporating stories and experiences from different cultures, and promoting a sense of belonging for all visitors.
- **Equity:** Addressing, through climate education, the unequal impacts of climate change on different communities. This involves acknowledging and addressing systematic inequalities, such as socioeconomic disparities and environmental injustice.
- **Cultural Relevance:** Tailoring climate education to the local context and cultural backgrounds of park visitors to enhance engagement and understanding.
- **Community Engagement:** Involving community members in the planning and development of educational programs, seeking input and feedback, and fostering partnerships to ensure that the education provided aligns with the needs and aspirations of the community.

CALLOUT BOX: *Stakeholder¹: An individual, organization, or group of people who would participate in, be affected by, benefit from, or be burdened by a system, process, or decision.*

About Goal 1. Education and Engagement

Education is the process of training and developing knowledge, skill, mind, and character, through formal and informal learning; teaching; and/or training. **Engagement** is the interaction and collaboration between the Metroparks and all parts of the wider community (local, regional, national, and global) for the collectively beneficial exchange of knowledge and resources in a context of partnership and reciprocity.

It is also important to model the kind of change we want others to embrace and develop an emotional connection with the environment that will eventually lead staff and visitors alike to action. This can be accomplished by connecting staff, facilities, visitors, and participants to environmental education with a climate action focus. Additionally, as we form collaborative partnerships with regional organizations, the Metroparks can help to provide environmental education to southeast Michigan stakeholders with emphasis on equity zone districts.

Education and engagement were fundamental themes within the data collections supporting this CAP's creation. For example, in imagining the future of the Metroparks and what is important to preserve, strengthen, or develop, 29.5% of focus group responses pertained to education and engagement. On average, survey respondents "agreed" to "strongly agreed" that it is important to maintain/enhance

opportunities for learning about the Metroparks and their environmental processes. Beyond these explicit themes, many other responses were built on education and engagement, such as facilitating connections to these settings. Quotes exemplifying facilitation of climate education and engagement in the Metroparks include:

- “[Having opportunities] to enjoy family activities while still being able to access nature trails and centers, and to continue to learn about plants and animals native to the area, as well as weather and climate.”
- “We really enjoy the programs that teach the kids about nature, and the issues it’s facing, but it also leaves them without knowing much of WHAT to do about it. Having more programs centered around the kids getting together to figure out what they can do, groups to write to organizations, setting up clean up groups, etc. I think the parks are a perfect place to have that be where they can meet up to do that.”

Objective 1: Beginning in 2024, provide annual education to all Metroparks staff on issues of climate resilience, climate equity, stewardship, and adaptation.

Importance/Relevance

To understand climate action, we must be educated about it. We must recognize how climate is impacting the lands entrusted to us and consider solutions that will ensure these lands will be accessible to southeast Michigan for generations to come. The Metroparks is committed to ensuring our staff has access to the most current and innovative information available. We will dedicate the resources necessary to ensure our staff remain on the cutting edge of climate resilience, and thus climate action.

Near-term Actions

- Action 1.1: Identify trainers for staff training.
- Action 1.2: Offer in-house training in collaboration with partners, opportunities to attend webinars or other local conferences, and access to climate education resources for the purpose of expanding knowledge to incorporate into daily work.
- Action 1.3: Hold workshops for staff and speaker series to educate why climate smart practices are implemented.

Metrics of Success

- Four educational workshops (speaker series) will be provided about climate initiatives, conducted by industry leaders, and aimed to increase the knowledge of Metroparks staff, regardless of job classification.
- Metroparks staff will participate in at least one workshop/webinar/continuing education seminar with a climate initiative focus that pertains to their department. Training will be selected by departmental lead or designated committees.
- By 2025, two Learning Management System trainings will be identified and implemented.

Objective 2: Beginning in 2024, provide collective engagement tools among every department within the Metroparks on issues of climate resilience, climate equity, stewardship, and adaptation on an annual basis.

Importance/Relevance

Collective engagement fosters participation. It enables the exchange of ideas, knowledge, and expertise between different stakeholders. By centering this engagement strategy, we can harness the collective wisdom and creativity necessary to develop innovative solutions for mitigating and adapting to climate change.

Near-term Actions

- Action 2.1: Create storytelling pieces around why the Metroparks have adopted a CAP, to be shared on all communication channels. Example engagement tools include public events for underrepresented communities, blogs, surveys, story maps, and social media and traditional communication strategies. These will incorporate stories/engagements from the public and be developed by every department.
- Action 2.2: Collaborate with other departments, partners, and the community to create an annual story collection about topics including but not limited to: Ozone Action Days, prescribed burns, burning tree debris, environmental justice, mental health and wellness, composting/food waste, recycling, Leave No Trace campaigns, and reducing energy and fuel consumption.

Metrics of Success

- Collaboratively create a monthly engagement, combined annually as a story collection (12 stories).
- Provide four educational workshops or speaker series about climate initiatives, conducted by industry leaders, and aimed to increase the knowledge of all Metroparks staff and visitors.

Objective 3: Integrate concepts of climate change into existing and new programs at the Metroparks and throughout our region.

Importance/Relevance

This focuses on projects relating to topics of the changing climate and outdoor world around us; how they tie to standards, and how to use student engagement with the natural world to build learning across the content areas. These will incorporate climate justice issues/disproportionate social impacts of environmental issues and interactive elements (e.g., discovery, kinesthetic learning methods). These projects may contribute to increasing pro-environmental attitudes over time.

Near-term Actions

- Action 3.1: Increase Green School participants across the five-county region by 10% by 2028.
- Action 3.2: Increase teacher training opportunities by 10% by 2028, by offering accredited continuing professional development to improve teachers' personal understanding and ability to incorporate current data and science of our changing climate and its impacts into classroom instruction.
- Action 3.3: Collaboratively develop new programs by 2025, that allow students to research climate change effects (e.g., green-up/green-down, water quality, invasive species).
- Action 3.4: Beginning in 2024, address climate action in exhibits and programs.
- Action 3.5: Beginning in 2024, create an images-based community science project.

- Action 3.6: Beginning in 2024, staff will consider climate action best practices when planning and implementing programming.

CALLOUT BOX: Exhibits and programs will examine complex, hidden, non-linear relationships. Non-linear relationship examples include ecology, which focuses on understanding the distribution and abundance of life on Earth and is a complex, nonlinear science. If environmental education is linear (e.g., teaching that recycling one beer bottle will save “x” gallons of water), people will not have the foundation to think about linkages or nonlinear relationships.

Metrics of Success

- Number of Green School participants increased by 10%.
- Number of teacher education programming offered by 10%, and feedback received from participants.
- Internal audit conducted of interpretive programs and displays for climate relevant messaging.
- Conducted 50% programs annually as part of the center repertoire of public offerings.
- Climate change messaging incorporated in new interpretive exhibits as the feature of the exhibit or as a supplement to the core message.
- Photo station installed and activated, for visitors to take images within the parks over time.

Objective 4: By 2028, host an Interpretive Regional Climate Action Conference, encouraging Interpreters and educators from across the region to attend and present on climate-related programming that they conduct. This would introduce staff to potentially new, innovative ways of presenting climate programming.

Importance/Relevance

Increase educational opportunities for staff that could, in turn, be used to educate the public, while emerging as a leader in the region on climate change-related programming. Potential partners include National Association for Interpretation, Association of Nature Center Administrators, regional nature centers, and local colleges and universities. Hosting a regional climate action conference can be a powerful way for the Metroparks to enhance its climate actions. Such activities have the potential to bring together stakeholders from various sectors, including government, businesses, academia, and non-profit organizations, to exchange knowledge, share best practices, and collaborate on climate initiatives.

Near-term Actions

- Action 4.1: Work with partnering organizations to host a Climate Action Conference for formal and informal educators by 2028.

Metrics of Success

- Executed partner agreements that include the date(s), time, specific location of the conference, and the roles and contribution of each partner.
- Host climate action conference by 2028.
- Conference evaluation conducted.

Long-term Actions

- Action 4.2: Expand/ramp up Climate Action Conference based on feedback from previous conference to increase effectiveness and ensure learning-outcomes are up to date.

Goal 2. Preservation and Conservation of Natural Resources

Protect and enhance natural resources to ensure longevity of important ecosystems in a changing climate, to preserve these resources for the benefit of future generations.

Themes Integrated

Sustainable land use, Transportation, Partnerships, Internal governance (policy), Biodiversity, Education, Equipment, Recreation, Natural resources, Parks and green spaces, Public health and safety

DEI Considerations

- **Environmental Justice and Advocacy:** Recognizing that marginalized communities often bear a disproportionate burden of environmental degradation and prioritizing the equitable distribution of benefits and mitigation of environmental harms.
- **Traditional Knowledge and Indigenous Perspectives:** Acknowledging, respecting, and incorporating Indigenous perspectives and practices to enhance the effectiveness of preservation and conservation efforts.

About Goal 2. Preservation and Conservation of Natural Resources

Natural resources are resources present in nature, including soil, vegetation, wildlife, and natural waters and wetlands. **Preservation** focuses on maintaining the park's original state, protecting ecosystems, habitats, and historical features. This ensures that future generations can enjoy the park's unique beauty and learn from its historical significance. **Conservation** emphasizes sustainable use and management of park resources, balancing human activities with the park's long-term health. This includes responsible tourism, wildlife management, and promoting environmentally-friendly practices.

Preservation and conservation are essential for parks to maintain their natural beauty and protect them for future generations. By valuing and caring for our parks, we ensure their long-term existence and the benefits they bring to people and the environment. Here are a few reasons why preservation and conservation are important for parks:

- **Biodiversity Protection:** Parks contain diverse plant and animal species. Preservation and conservation safeguard these ecosystems, protecting endangered species and maintaining a balanced environment.
- **Ecological Balance:** Preserving and conserving parks maintains ecological balance and prevents the loss of habitats, allowing plants and animals to thrive.
- **Cultural and Historical Significance:** Parks hold cultural and historical value with archeological sites and landmarks. Preservation efforts protect these features, connecting us with our past and heritage.
- **Recreation and Education:** Parks offer outdoor recreation and educational experiences. Preserving and conserving these areas allows us to continue activities like hiking and camping while learning about nature and conservation.
- **Climate Change Mitigation:** Parks act as carbon sinks and preserve habitats that store carbon, helping mitigate climate change. Protecting and conserving parks contributes to global efforts against climate change.

Preservation and conservation of natural resources emerged repeatedly as both a climate-related concern and an area of unique Metroparks climate action contribution. Across the public data

collections, the presence and integrity of natural resources was stressed as a highlight of the Metroparks and where actions could be taken that have outsized positive impact across the region. Common themes in the focus groups related to noticing and being concerned about the impacts of climate change on:

- plants (e.g., more non-native or invasive species, changes in plant species compositions, shifting growing seasons, increased dead and downed trees);
- wildlife (e.g., changes in bird species presence and migratory patterns, changes in wildlife behavior, increases in human-wildlife conflict, more disease prevalence); and
- pest species, particularly mosquitoes, ticks, and invasive aquatic species.

Together, these resources were a top climate concern regionally (33.7% of focus group responses; 25.0% of survey responses) and in the Metroparks (30.8% of focus group responses; 29.7% of survey responses). Staff responses were similar to those of visitors and community members.

Importantly, preservation and conservation of natural resources was repeatedly mentioned in what visitors and community members would like maintained in the Metroparks in the future. These mentions centered specifics such as clean air and water, biodiversity, green space conservation, and sound natural resources management. They were also prioritized for maintaining / enhancing, second only to outdoor leisure and beauty (which rely in part on preservation and conservation of natural resources). Specific, highly valued cultural connections (averaging a response between “agree” to “strongly agree”) included knowing that these resources are protected and conserved for future generations and promoting habitat connectivity. The relationships among these resources and with others in the environment were repeatedly emphasized in the long-term vision of opportunities the Metroparks should provide. This is illustrated through expressions shared such as:

- “Tick situation controlled responsibly so we can hike and swim. A lot to hope for with maintaining what we have now!”
- “Parks have more focus on a diverse natural community – prairies, savannahs, etc. – diversity in the broad sense. We need diverse natural communities to withstand the issues climate change presents.”
- “I’d like to see connectedness throughout the parks, with a focus on the habitat and wildlife in the interconnectedness between parks.”
- “I really like the idea of no-mow zones.”

Partnering organizations also emphasized ways in which they would appreciate the Metroparks’ collaboration on conservation and preservation of natural resources across the region. In particular, they saw benefit in Metroparks climate actions that would align or co-create natural resource programs regionally, protect additional lands to increase the extent of intact ecosystems, increase native vegetation (especially near water bodies), and reduce mowing.

Objective 5: Protect important natural resources elements, including threatened and endangered species, and preserve biodiversity of ecosystems facing the pressures of climate change.

Importance/Relevance

Protection of ecosystems and the biodiversity they contain is core to the Metroparks mission of providing the benefits of parks and recreation to the people of southeast Michigan. Protecting natural resources and biodiversity within parks benefits current park visitors and future generations, safeguards rare and endangered species, and provides people with opportunities to experience nature that can inspire conservation ethics. As such, maintaining the ecological integrity of the Metroparks through resource stewardship and protection should remain a top priority for park managers and the public alike.

Near-term Actions

- Action 5.1: Identify important habitats and determine which ecosystem types are most threatened by climate change. Habitats will be identified and ranked by 2028.
- Action 5.2: Create a formal review process for the Natural Resources Department to assess the impact of trails and development on natural areas with multi-departmental review, to be implemented on new developments, repair work, etc., by 2028.
- Action 5.3: Identify specific tree species that are vulnerable to a changing climate and select suitable replacements (for all new plantings) that will preserve ecosystem integrity under changing conditions. These trees should be used in all landscaping, project design, and restoration efforts by 2028.

Metrics for Success

- A ranked list of important habitats, vulnerable to climate threat by 2028.
- Formal review process for trail development established by 2028.
- All landscaping, project design, and restoration efforts are utilizing suitable tree species by 2028.

Long-term Actions

- Action 5.4: Create an “eyes-in-the-field” type app or program, to document presence of endangered species, by crowdsourcing data collection and helping educate staff and the public. This would include a portal for invasive species identification and reporting, similar to the Midwest Invasive Species Information Network. Target pilot app or program for internal use and testing by 2028, and release for public use by 2033.
- Action 5.5: Develop habitat or species management plan for critical threatened and endangered species identified within the Metroparks, with a section devoted to climate change pressures and strategies to mitigate them by 2028. We will begin to address species of special concern by 2033. Each plan will be reviewed and approved by the Board of Commissioners. Actions will be identified and integrated into relevant park master plans, and budgeted on a prioritized annual basis.

Objective 6: Integrate our land management best practices to align with the changing climate and adapt habitat management strategies and plans for on-the-ground work consistent with best management practices.

Importance/Relevance

As the climate changes, practices for the maintenance of Metroparks natural resources must change too. These practices must be evaluated and updated, to ensure that our resource management is sustainable in the long term. Habitat management in parks aims to preserve and enhance the natural habitats that support biodiversity, wildlife populations, and ecosystem functions. Parks provide refuge for nature, but still require active management practices (e.g., controlled burns, removal of invasive species, replanting of native species) to maintain healthy habitats and resist threats, ensuring that future generations can experience and value natural areas. Through sound habitat management, parks can fulfill their mission of conserving ecosystems and the wildlife that depend on them.

Near-term Actions

- Action 6.1: Identify staff training needs associated with this objective.
- Action 6.2: Create and enact an Early Detection and Rapid Response (EDRR) survey protocol, to detect and respond to emerging invasive species threats, specific to each Metropark by 2028.
- Action 6.3: Develop and implement a framework for assessing and reviewing fieldwork, monitoring ecosystems, and identifying the need to adjust practices based on climate changes by 2028.
- Action 6.4: Seek training opportunities for Metroparks staff to learn about climate change and how it affects their fieldwork. Training will include suitable native species selection for landscaped areas.
- Action 6.5: Use community partnerships and volunteer workdays to educate the public on changing best management practices and share lessons learned.
- Action 6.6: Develop a policy of mowing reduction on Ozone Action Days, to include as an update to the established mowing plan. This policy should identify and suggest the mowing of select critical areas, as needed, on Ozone Action Days, forgo regular mowing during these days, and communicate to the public why mowing may be reduced in certain areas.

CALLOUT BOX: *Early Detection and Rapid Response (EDRR): A coordinated set of actions to find and eradicate potential invasive species in a specific location before they spread and cause harm.*

Metrics of Success

- EDRR survey protocol specific to each Metropark created.
- Framework for assessing fieldwork and adjusting practices based on climate threats developed.
- Identified staff will attend three climate-related training sessions by 2028.
- Host volunteer days specific to educating the public on the reasons for changing best management practices for ecosystem management in a changing climate.
- Policy regarding mowing on Ozone Action Days created and implemented.
- Development of a communication strategy with the Marketing Department to communicate park actions (or non-actions) to the public.

Long-term Actions

- Action 6.7: Evaluate potential changes in equipment, reduction of 2-cycle engines, and guidance on more restrictive emission standards (e.g., California's).

- Action 6.8: Identify ways to address these changes in purchasing policy and vendor offers.
- Action 6.9: Seek grant funding to assist in this conversion.

Objective 7: Enhance, expand, and restore natural areas and strengthen the ability of ecosystems to combat pressures of climate change.

Importance/Relevance

In a changing climate, certain ecosystems may face greater pressures and require additional support to thrive. The Metroparks must review important habitats and identify habitats that have the highest priority for protection, or can be enhanced to improve climate resiliency. Enhancing, expanding, and restoring natural areas within parks provides a wide range of benefits that improve the environment, health, and quality of life for residents. As urban areas continue to grow, it is important for communities to prioritize protecting and improving natural areas within local parks, to ensure future generations can enjoy and benefit from access to nature. With careful planning, design, and stewardship, natural areas can thrive within parks and offer lasting value for the community for years to come.

Near-term Actions

- Action 7.1: Improve forest health and increase tree canopy cover to create healthy habitat, improve air filtration, and increase carbon storage in the Metroparks.
- Action 7.2: Review known sensitive habitats, and identify the habitats with the most potential for improvement. Update ranking system and prioritize three management units per district for targeted restoration by 2028.
- Action 7.3: Enhance selected no-mow zones with pollinator-friendly grassland and savanna species.

Metrics of Success

- Expanded softened shoreline along inland lakes by 5% by 2028, up to 90% total natural shoreline makeup.
- Met a 10% increase in natural shoreline cover through restoration of great lakes shoreline by 2028, and 20% by 2033.
- Converted 100 acres of no-mow area to pollinator-friendly grassland and savanna habitats by 2028, and 200 acres by 2033.
- Updated habitat ranking system, with three management units per district prioritized for targeted restoration by 2028.

Long-term Actions

- Action 7.4: Restoration efforts ongoing to target 2033.

Objective 8: Protect existing and acquire additional undeveloped lands as a resource to buffer ecosystems and infrastructure from the pressures of surrounding land use and effects of climate change. Consider divestment of undesired parcels and reinvestment in acquisition of critical parcels.

Importance/Relevance

The Metroparks have an existing property acquisition and divestment policy. This policy should be updated to review acquisition and divestment of properties through a lens of climate resilience. The Metroparks are in the position to acquire properties for the purpose of buffering ecosystems and infrastructure and mitigating pressures of surrounding land use in a changing climate. The acquisition of property through purchase, donation, or other means is critical for establishing and maintaining parks that meet communities' needs. By securing the land and space that parks require, agencies can then develop recreational and conservation amenities that improve quality of life for residents long-term.

Near-term Actions

- Action 8.1: Review the current land acquisition/divestment policy (conducted by the Natural Resources Department leadership), and update if needed.
- Action 8.2: Identify adjacent land managers and coordinate conservation of buffer ecosystems across boundaries, to be included in all ecosystem management plans by 2028.
- Action 8.3: Acquire an additional 1000 acres, preferring in contiguous parcels, by 2028, for the specific purpose of maintaining as undeveloped land.
- Action 8.4: Identify areas totaling 200 acres within currently developed lands that can be converted back to undeveloped areas by 2028.
- Action 8.5: Identify properties within Metroparks' ownership that are underutilized and good candidates for divestment, according to established acquisition and divestment strategy plan.
- Action 8.6: Prioritize climate resiliency of parcel acquisition.

Metrics of Success

- Review conducted of the current land acquisition/divestment policy, with policy recommendation for Board of Commissioners consideration (if needed).
- List developed of adjacent land managers and conservation of buffer ecosystems.
- 1000 acres of land acquired for preservation by 2028.
- 200 acres of land converted from developed to undeveloped by 2028.
- Acres of mowed turf decreased.

Long-term Actions

- Action 8.7: Decrease regularly mowed areas within the Metroparks by 5% by 2033.
- Action 8.8: Implement a cover crop planting policy, field rotation, and no till farming; seek equipment needed and training for staff; and identify best management practices for staff and conditions for leased land.
- Action 8.9: Identify potential locations for solar, wind, and other green energy generation installations.
- Action 8.10: Implement conversion of developed land back to undeveloped.

Objective 9: Build strategies into all “existing and future” plans to incorporate climate adaptation resilience.

Importance/Relevance

The Metroparks has a variety of standing plans and strategies that need to include climate adaptation and resilience as they are updated. Climate adaptation is crucial for parks to ensure they remain resilient and continue providing their many benefits to communities. As climate change brings higher temperatures, sea level rise, and more extreme weather events, parks face threats like habitat loss, invasive species, and infrastructure damage. The strategies may vary by park and threat, but the overarching goal is the same: to ensure parks can continue fulfilling their vital roles for people and nature in a warming world.

Near-term Actions

- Action 9.1: Develop a policy with standards for selecting vegetation or trees for planting, selecting native species that are hardy or resilient to climate pressures by 2024.
- Action 9.2: Advocate for local climate monitoring efforts, to incorporate future climate models and projections into climate resilience planning beginning in 2023. Examples of climate monitoring data sources to be used include FEMA’s Hazard Mitigation Plan, the EPA, USGS, and the State Senate.
- Action 9.3: Create regional partnerships to define mutual goals for integrating climate resilience plans and identifying funding sources by 2025.

Metrics of Success

- Development of policy with standards for selecting vegetation or trees for planting and presented to the Board of Commissioners for consideration.
- If adopted by the Board of Commissioners, policy implemented on all internal and contracted projects by 2028.
- All lands leased by the Metroparks will hold lessee to internal standards according to the CAP by 2028.
- Development of a database of regional partners and mutual goals for integrating climate resiliency plans and funding strategies.

Long-term Actions

- Action 9.4: Incorporate climate resilience and impact analysis into infrastructure development and maintenance planning.
- Action 9.5: Review all current natural resources plans and incorporate specific strategies to combat climate change.

Objective 10: Increase capacity for carbon storage in natural areas and pursue projects for the intentional storage of carbon.

Importance/Relevance

Natural areas generally provide capacity for carbon storage, but some ecosystems provide a higher capacity to store carbon. The Metroparks should identify low potential storage or fallow lands and enhance capacity for carbon storage through intentional projects, or increasing passive capacity. Vegetation (trees, shrubs, and grasses) in parks and green spaces serves as a low-cost, natural solution

to help mitigate the impacts of excess carbon dioxide in urban environments. With proper care and management, parks can continue to provide important carbon benefits for cities for many years.

Near-term Actions

- Action 10.1: Identify a consultant and/or partner to assess the level of carbon currently stored in the Metroparks.
- Action 10.2: Develop policy governing composting practices in internal operations by 2028.
- Action 10.3: Identify the education necessary to support innovative carbon storage solutions.
- Action 10.4: Partner to plant 10,000 native trees across the Metroparks' five-county area by 2028 (2,000 bare root saplings per year).
- Action 10.5: Incorporate fuel assessment and carbon release into planning related to prescribed fire and burning of tree debris. Provide education and rationale internally and broadly to Metropark visitors on these practices.

Metrics of Success

- Create and finalize a report on current carbon levels stored in the Metroparks.
- Completed employee training(s) on carbon storage issues and strategies within the Metroparks.
- Composting policy created by 2028.
- 10,000 trees planted.
- Prescribed fire and burning plans updated by 2028.

Long-term Actions

- Action 10.6: Engage in carbon offsetting, provide sink for vehicles or other emissions.
- Action 10.7: Protect, expand, and improve tree canopy coverage.
- Action 10.8: Evaluate forestry management practices to selectively develop and harvest stands of timber for carbon storage initiative funding.
- Action 10.9: Address procurement policies, local sources, food operations, and materials, in an effort to reduce transportation carbon costs and footprints.
- Action 10.10: Evaluate opportunity to purchase, or provide, Regional Carbon Banking or Credits.

CALLOUT BOX: *Carbon footprint²: The total amount of greenhouse gasses that are emitted into the atmosphere each year by a person, family, building, organization, or company.*

Goal 3. Water Quality

Enhance built and natural stormwater infrastructure in preparation for increasingly intense storms, and promote the protection of water quality.

Themes Integrated

Stormwater management, Natural resources, Education, Partnerships, Water conservation, Facilities/amenities/infrastructure, Internal governance

DEI Considerations

- **Accessibility:** Requires that access to clean water in parks is equitable, meaning it should be available to all individuals, regardless of their race, ethnicity, socioeconomic status, or ability. This includes drinking water and water features such as beaches, splash pads, and pools.
- **Awareness and Education:** Efforts should include educational initiatives that raise awareness about the importance of water quality and its impact on public health. These programs should be designed in ways that are inclusive and culturally sensitive, taking into account the diverse backgrounds and languages spoken within our service region.
- **Community Engagement:** Actively engaging with the community to understand their specific water quality concerns and needs. By learning from the communities most impacted, we can better understand the specific challenges and support efforts to develop solutions that meet the needs in our service region.
- **Environmental Justice and Advocacy:** Advocating against environmental injustices that disproportionately affect under-resourced communities. This includes disparities in water quality, such as contaminated water sources or inadequate infrastructure, that may exist in marginalized neighborhoods.
- **Partnerships and Collaboration:** Advocacy efforts are strengthened through partnerships with community organizations, local government agencies, and environmental advocacy groups. Collaborative approaches can help address water quality issues in parks and communities through collective advocacy for multiple perspectives and expertise to be considered in decision-making.

About Goal 3. Water Quality

Stormwater management refers to efforts to capture, filter, and store rainwater through a combination of natural and constructed elements. This management ensures protection of water quality by mitigating pollution runoff, absorbing storm events, and facilitating the local water cycle.

There are many approaches to stormwater management, which include both gray (built) and green (natural) infrastructure used in cities and/or parks. **Gray stormwater infrastructure** refers to human-constructed systems that help to collect and channel stormwater to prevent flooding and erosion²⁴. Examples include storm drains, retention ponds, and underground storage tanks. **Green stormwater infrastructure** mimics or uses natural landscape features to absorb rainfall and slow the rate and amount of stormwater runoff⁶. Examples include wetlands, bioswales, and rain gardens. These techniques also act as natural filtration systems to lakes and streams, absorbing chemicals or unwanted materials out of the water before it reaches our waterways.

Together, these built and natural stormwater infrastructure components provide a comprehensive approach to managing stormwater. By capturing and controlling stormwater, they help mitigate the impacts of intensifying storms and protect the park and surrounding areas from effects such as flooding, erosion, and other damage. This also helps to protect the health of neighboring water resources. Michigan benefits from an abundance of healthy water resources for drinking, irrigation, recreation, etc. The Metroparks are situated along the Huron and Clinton Rivers and are responsible for 14 miles of Great Lakes shoreline and 3,634 acres of inland lakes. Protecting the water resources of southeast Michigan is one of our essential responsibilities, and with a changing climate this is becoming increasingly dire. By enhancing our stormwater infrastructure systems and water quality, we are ensuring the overall sustainability and resilience of the park ecosystem.

During the data collections supporting the creation of this CAP, water quality was a priority for visitors, regional residents, partnering organizations, and Metroparks staff alike. For example, many have observed “more intense rain when it happens” and its impacts in southeast Michigan. Issues with stormwater/flooding and water quality (and associated recreation) were prominent too. These were repeatedly discussed in relationship to issues with stormwater management and related infrastructure. They also centered the negative impacts poor water quality has on the environment and recreation opportunities (e.g., algal blooms, beach closures, flooded and inaccessible trails). Water quality and stormwater management issues were listed as a top climate concern – regionally and in the Metroparks. In the focus groups, 29.1% of the top concerns regionally and 24.0% of the top concerns in the Metroparks were related to water quality and stormwater management. Survey respondents answered similarly, with 25.6% noting water quality or stormwater management issues as a top concern regionally and 24.2% noting either as a top concern of theirs in the Metroparks.

CALLOUT BOX: *Algal blooms²⁵: Sudden spurts of algal growth, which can affect water quality adversely and indicate potentially hazardous changes in local water chemistry.*

CALLOUT BOX: *Erosion²⁵: The wearing away of the land surface by wind or water. Erosion occurs naturally from weather or runoff but is often intensified by humans’ land-clearing practices.*

CALLOUT BOX: *Filtering stormwater: The process of passing stormwater through natural or built green infrastructure. Filtering captures, temporarily stores, and treats stormwater through this process before the water moves into a storm drainage system or the environment.*

CALLOUT BOX: *Green infrastructure⁶: A technique to help control and manage stormwater. These practices filter and absorb stormwater, and assist in mitigating flooding and other damages. Examples of green infrastructure are rain gardens, green roofs, permeable pavement, and bioswales. This is contrary to gray infrastructure, which is the more traditional built environment made of surfaces that increase runoff and do not allow water to be absorbed into the ground, but rather channel it away²⁴. Examples of gray infrastructure include storm drains and ditches.*

CALLOUT BOX: *Irrigation²⁵: Applying water or wastewater to land areas to supply the water and nutrient needs of plants.*

Objective 11: Beginning in 2024, provide annual education opportunities to staff on issues of stormwater management and water conservation.

Importance/Relevance

Education on stormwater management and water conservation is crucial for park staff. Understanding stormwater management is essential to prevent flooding and erosion within the parks. By learning about effective drainage systems, Metroparks staff can implement measures to capture and divert stormwater runoff, reducing the risk of damage to park infrastructure and habitats.

Education on water conservation helps Metroparks staff make informed decisions about water usage. By understanding the importance of water conservation, staff can implement strategies such as using efficient irrigation systems, reducing water waste, and promoting water-saving practices among visitors. This helps to protect the environment and also contributes to cost savings and sustainability. Having knowledge about stormwater management and water conservation allows Metroparks staff to act as advocates and educators for visitors. By sharing information and raising awareness about these topics, staff can encourage visitors to adopt responsible water usage practices and contribute to the overall conservation efforts in the parks and beyond.

Near-term Actions

- Action 11.1: Develop methods of communication with and for Metroparks staff related to stormwater management and water conservation.
- Action 11.2: Offer staff in-house training, opportunities to attend webinars or other local conferences, and access to water quality resources for the purpose of expanding knowledge to incorporate into daily work.

Metrics of Success

- Four educational experiences provided by Natural Resources Department for staff across the Metroparks, in coordination with education goals/objectives about climate initiatives, conducted by industry leaders, and aimed to increase the knowledge of Metroparks staff, regardless of job classification.
- Metroparks staff have participated in at least one workshop/webinar/continuing education seminar with a climate initiative focus that pertains to their department. Training will be selected by departmental lead or designated committees.
- Staff can demonstrate learning by incorporating it into their work responsibilities (i.e., transfer of knowledge).
- By 2025, two Learning Management System trainings will be identified and scheduled for staff participation.

Long-term Actions

- Action 11.3: Demonstration projects for long-term living labs.

Objective 12: Adopt innovative strategies to capture and manage stormwater in preparation for more severe storms and educate the public about these efforts.

Importance/Relevance

The Metroparks should utilize innovative strategies to stay on the leading edge of stormwater management. This may include piloting emerging strategies, evaluating efficacy, and reporting results to the public so that they may be replicated outside the Metroparks.

Adopting innovative strategies to capture and manage stormwater is crucial in preparation for more severe storms. As our climate continues to change, the frequency and intensity of storms are predicted to increase. By implementing innovative stormwater management techniques, we can minimize the adverse impacts of these storms on our communities and the environment.

One of the primary reasons for adopting these strategies is to prevent flooding and reduce the risk of property damage. Severe storms often result in excessive rainfall, which can overwhelm traditional stormwater systems and lead to flooding. By capturing and managing stormwater effectively, we can reduce the burden on existing infrastructure and mitigate the risk of floods.

In addition to flood prevention, innovative stormwater management strategies can help protect water quality. During storms, rainwater picks up pollutants such as oil, chemicals, and debris as it flows over surfaces and into traditional storm drains. This polluted stormwater is then discharged into local water bodies, causing harm to aquatic ecosystems. By implementing innovative techniques, such as green infrastructure and permeable surfaces, we can filter stormwater before it enters natural waterways, improving water quality and protecting the environment.

Educating the public about these efforts is equally important. By raising awareness about the need for stormwater management and the benefits of innovative strategies, we can foster a sense of responsibility and encourage individuals to take action. Public education can help promote behaviors such as reducing runoff, conserving water, and adopting sustainable landscaping practices. When the public is informed and actively involved, the collective impact of stormwater management efforts is amplified, leading to more resilient communities and ecosystems.

Near-term Actions

- Action 12.1: Identify internal education needs related to stormwater management, including financial considerations.
- Action 12.2: Work with partners and/or consultants to identify options and determine the viability of each.
- Action 12.3: Based on the findings, develop a pilot project utilizing innovative strategies (e.g., green roof, permeable pavement, bioswales, increase culverts).
- Action 12.4: Create a list of 5-10 projects where innovative strategies might be employed, including financial analysis.
- Action 12.5: Present pilot project to the Board of Commissioners.

Metrics of Success

- Provision of stormwater management education to all Metropark staff.
- Connected with partners and/or consultants to assist in the identification of suitable options.
- Development of a list of innovative stormwater management strategies.

- Strategy list presented to and approved by the Board of Commissioners.
- Development of stormwater management pilot project and assessment of efficacy.

Long-term Actions

- Action 12.6: Plan an additional five projects with potential to innovate and provide information to the public.
- Action 12.7: Result of pilot projects communicated to public and partner agencies.

Objective 13: Become a prominent stormwater management partner in the region.

Importance/Relevance

The Metroparks must be a leader in stormwater management in the region, being a large landowner and manager of green and blue space in southeast Michigan, and with much of it located along the corridor of two major rivers and Great Lake shoreline. By partnering with similar organizations, the Metroparks can lead the adoption of innovative strategies to manage stormwater in a changing climate across the region.

Near-term Actions

- Action 13.1: Identify important stormwater corridors, documenting and providing staff with locations, jurisdictions, and responsibilities by 2028. This documentation includes description of the opportunities, challenges, and possible solutions.
- Action 13.2: Actively research and identify innovative global and regional strategies for stormwater treatment methods, and adapt to the Metroparks system. These strategies should be incorporated into all stormwater partnerships.
- Action 13.3: Share at least 20 articles or blog posts with the public related to stormwater climate action by 2028.

Metrics of Success

- An internal document created that identifies stormwater corridors and related responsibilities.
- Regional standard policy created for engineering standards.
- Stormwater management partnerships created, joined, or facilitated.

Long-term Actions

- Action 13.4: Identify existing local and regional stormwater partnerships and how the Metroparks can collaborate. Identify stormwater management gaps in the region and partnerships that need to be created to address these gaps in stormwater leadership.
- Action 13.5: Create an internal policy establishing a regional Metroparks standard for stormwater management, adhering to or exceeding individual county engineering standards.
- Action 13.6: Develop plans or recommendations for maintenance of stormwater corridors by 2033, implementing them (e.g., resolving conflicts and reroutes) after 2033.

Objective 14: Adopt a practice of strategic water usage that minimizes stress on and protects regional water resources.

Importance/Relevance

Southeast Michigan and the Metroparks benefit from an abundance of healthy water resources, which will be under increased pressure as the climate changes. Many communities in southeast Michigan rely on underground aquifers for drinking water, but a shift to reliance on surface water (e.g., lakes, rivers, streams) may occur as the climate changes. The protection of these resources from overuse and pollution will ensure that these services remain available for communities.

Near-term Actions

- Action 14.1: Determine the current level of water use in the Metroparks, including golf courses, water features, buildings, etc.
- Action 14.2: Identify innovative strategies and the financial viability to reduce water usage.
- Action 14.3: Create an inventory of water usage (the draw of water on natural or municipal water resources) within facilities, buildings, bathrooms, splash pads, pools, etc., and install sub-meters to monitor and actively manage water usage rates by 2028.
- Action 14.4: Collect water off of buildings and store rainwater to irrigate landscaped areas.
- Action 14.5: Establish targets for water use reduction.
- Action 14.6: Reduce irrigation of landscapes, implementing resilient plantings and identifying areas to reduce turf.
- Action 14.7: Evaluate potential for irrigation with gray water using cisterns, rain barrels, and other local stormwater storage elements.
- Action 14.8: Install timer and motion sensor faucets, waterless or low volume urinals and toilets, dual flush valves (low versus full volume flush), and other water use reduction equipment on all new facilities by 2028.

CALLOUT BOX: *Gray water²⁴: Untreated wastewater that has not come into contact with toilet waste. Graywater includes wastewater from bathtubs, showers, bathroom wash basins, clothes washing machines, laundry tubs, or an equivalent discharge.*

Metrics of Success

- Created and measured inventory of metered water usage.
- Development of water use reduction strategies, each including a financial analysis.
- Implementation of pilot projects to collect rainwater runoff from buildings to be reused onsite;
- Installation of water saving equipment in new facilities.
- Policies created to address water usage.

Long-term Actions

- Action 14.9. Dedicate staff and resources to maintain water utility installations and hardware. Evaluate potential for retrofit on existing facilities by 2033.
- Action 14.10: Evaluate splash pads and other aquatic facilities' ability to capture, filter, and reuse water in operation. In new facilities or infrastructure, show preference on design of systems with reuse of water.
- Action 14.11: Develop 1) a policy to use compressed air to blow grass clippings off mowing equipment and golf carts and 2) best management practices of washing equipment off into turf areas, where water can infiltrate rather than being conveyed into storm or municipal sewer.

CALLOUT BOX: *Retrofit²⁶: To furnish something (e.g., computer, airplane, building) with new or modified parts or equipment not available or considered necessary at the time of manufacture.*

Objective 15: Monitor and protect quality of water resources adjacent to and in close proximity of the Metroparks from pollution, erosion, contamination, and other detrimental effects exacerbated (i.e., accelerated or increased) by climate change.

Importance/Relevance

A changing climate is expected to exert additional stress on local water resources as temperatures climb, seasons become more variable, and weather events become more extreme. It will be essential for the Metroparks to monitor these resources to identify emerging concerns and provide climate resilient solutions.

Near-term Actions

- Action 15.1: Actively monitor and treat algal blooms, identify trends, and establish survey protocol and areas at Kent and Stony Lakes by 2028.
- Action 15.2: Identify and evaluate potential training for staff to have certification for soil erosion and sedimentation control authority over Metroparks projects to ease administration of stormwater improvement projects.
- Action 15.3: Identify and design stormwater green infrastructure that will capture or filter an additional 10 million gallons annually by 2028.
- Action 15.4: Create public education pieces surrounding nutrient pollution (e.g., *Escherichia coli* or *E. coli*), related closures and reasons for closures, and methods the Metroparks are pursuing to reduce nutrient loads and keep lakes open.

CALLOUT BOX: *Nutrient pollution²⁵: Contamination of water resources by excessive inputs of nutrients. In surface waters, excess algal production is a major concern.*

Metrics of Success

- Community monitoring plan for algal blooms created.
- Benchmark current stormwater capture using the EPA National Stormwater Calculator.
- Increase the gallons of stormwater treated or captured annually, including increased storage based on pre and post-construction capacity on stormwater projects.
- Published blog and/or social media posts educating about nutrient pollution and the Metroparks' efforts to reduce it.
- Based on analysis, installed and/or retrofitted stormwater infrastructure to best manage stormwater within the Metroparks.

Long-term Actions

- Action 15.5: Address critically eroded shoreline areas identified in the Stormwater Management Plan, restoring 30% of these areas by 2028, and 60% of these areas by 2033.
- Action 15.6: Create a stormwater plan element that identifies and prioritizes facilities and proposes to capture 100% of rainfall of a two-year, 24-hour storm event in all developed areas of the parks. Target 10 projects within this element to be installed by 2033.

Objective 16: Partner with regional organizations, including government agencies, watershed councils, non-profits, and corporate and philanthropic organizations to identify alignment and advance mutual goals of water quality protection in a changing climate.

Importance/Relevance

As a regional organization invested in protection of water quality, the Metroparks must identify or create pathways to partner with outside groups to further mutual goals and provide input where possible.

Near-term Actions

- Action 16.1: Identify regional organizations who share mutual goals of water quality protection and establish meaningful partnerships centered on water quality in each of our service counties.
- Action 16.2: Participate in professional groups, to meet potential partners and collaborate on water quality issues.
- Action 16.3: Identify funding opportunities that support partnerships around water quality.
- Action 16.4: Seek to be included or represented in boards pertaining to matters of water quality.

Metrics of Success

- Form a minimum of one partnership per county in the Metroparks service region.
- Identified and pursued funding opportunities to enhance partnerships.

Long-term Actions

- Action 16.5: Create a Strategic Partnership Matrix that identifies high, medium, and low priority partners in this work. Then create the plan to engage and nurture those partnerships.
- Action 16.6: Engage with the Metroparks' lobbying firm to connect with existing and potential partnerships.

Objective 17: Advocate for the protection of water resources.

Importance/Relevance

As a large landowner and important stakeholder in regional water quality, the Metroparks should thoughtfully advocate for changes in legislation, funding resources, and other concerns.

Near-term Actions

- Action 17.1: Annually engage the Metroparks Caucus with a statement or letter on the Metroparks' priorities on protection of water resources.
- Action 17.2: Engage with the lobbying firm to pursue action on specific water quality concerns.

Metrics of Success

- Annual Metroparks Caucus letter issued.
- Lobbying firm actions taken.

Long-term Actions

- Action 17.3: Seek Board of Commissioners resolutions that support goals pertaining to water quality protection, formalizing Metroparks support for internal and external water quality initiatives.

Goal 4. Transportation

Reduce carbon emissions associated with transportation vehicle miles traveled and provide equitable transportation options to and within the Metroparks to help mitigate the impacts of climate change.

Themes Integrated

Transportation, Recreation, Economic development, Facilities/amenities/infrastructure, Partnerships, Public health and safety

DEI Considerations

- **Accessibility:** Parks are often located outside urban areas, and transportation provides a means for people to reach them easily. By having reliable transportation options, such as roads, public transit, or bike paths, parks become more accessible to all individuals, regardless of their location or physical abilities. Additionally, parks should provide transportation options that are accessible to individuals with differing levels of ability. This includes wheelchair accessible vehicles, ramps, and lifts and ensuring that pathways and routes are designed to accommodate a variety of mobility needs whenever and wherever possible.
- **Affordability:** Transportation options within the Metroparks should be affordable for visitors.
- **Inclusivity:** Transportation services within the Metroparks should be designed considering the diverse needs of visitors. Providing multilingual information and signage and training staff to be culturally sensitive and inclusive can help create a welcoming environment.
- **Safety:** Safety is a fundamental consideration in transportation within parks. This includes well-maintained vehicles, clear signage, and proper training for staff.
- **Partnerships and Collaboration:** Efforts can be strengthened through partnerships with community organizations, local government agencies, and environmental advocacy groups. Collaborative approaches can help address transportation issues in parks, ensuring that multiple perspectives and expertise are considered.

About Goal 4. Transportation

Transportation is the movement of goods and persons from place to place and the various means by which such movement is accomplished. By eliminating reliance on fuel consuming vehicles and providing alternative transportation options, the Metroparks can reduce carbon emissions. By forging collaborative partnerships with regional transportation providers, the Metroparks can help to provide equitable access for all.

In the data collections and discussions supporting the creation of this CAP, transportation emerged as an important focus. Two-thirds (67.1%) of the community survey respondents use a personal vehicle to access the Metroparks. Considerable attention was given to developing capacity for electric vehicle (EV) charging stations, given this primary mode of access with a personal vehicle, as well as developing strategies for more public forms of access to the parks and considering incentives for more climate-friendly modes of transportation by visitors and staff. Related sentiments by community members expressed the desire for EV charging stations, such as “We should be able to drive there, hike, play, swim while our cars charge, and thus impact the climate less and hopefully prevent furthering some of the major issues.” Staff in particular highlighted issues with work travel within the organization and their commutes. Two main areas of staff suggestions emerged in the focus groups and on the survey:

converting the Metroparks' fleet to EV and extending possibilities for remote work and/or virtual meeting attendance across park offices.

Partnering organizations discussed related areas as desirable for Metroparks collaboration. In particular, partners expressed that their goals and the Metroparks' could be co-promoted with Metroparks climate actions broadening trail network access, encouraging non-motorized transportation connectivity, and establishing an EV charging station network. These desired places for action were represented in quotes such as:

- "Outside of a few main locations, you really must drive to get into the parks. I think there's opportunity in some areas for local trails that are more connected into those communities."
- "When you look at the statistics, around 60% of the population is interested but concerned about riding bikes and non-motorized vehicles on our streets. If the infrastructure is there and maintained, I think there's an opportunity to promote and facilitate not having to drive to the park."

Objective 18: Identify and evaluate efforts to reduce the vehicle miles traveled by Metroparks staff and reduce current levels of carbon emissions emitted.

Importance/Relevance

The Metroparks should use the nexus between transportation and park planning to mitigate its share of carbon emissions. The influence of transportation actions can be mitigated with tools and strategies for travel to and within the Metroparks with vehicle miles traveled effect by internal combustion engine vehicles and mowers.

Near-term Actions

- Action 18.1: Establish the current carbon emissions baseline and provide recommendations on ways to reduce it.
- Action 18.2: Advocate, promote, and incentivize alternatives to autocentric development patterns through close coordination between state, county, and local governments.
- Action 18.3: Calculate emissions reductions made by creating new no-mow areas.

Metrics of Success

- Complete carbon emissions assessment and share results with staff and public.
- Set carbon emissions reduction metrics based on assessment data.
- Decrease carbon emissions based on the established benchmarks.

Long-term Actions

- Action 18.4: Revise parking requirements, including reduction of parking and consideration of options for reducing reliance on single-occupancy vehicles and switching to climate-friendly travel options.
- Action 18.5: Support and participate in state, regional, and local infrastructure planning with a unified approach to planning for transportation investments.

Objective 19: Explore the viability of using an EV fleet and developing EV charging infrastructure by 2033.

Importance/Relevance

Reducing dependency on internal combustion engines and building a system of energy efficient modes of transportation and the infrastructure to support it will reduce carbon emissions.

Near-term Actions

- Action 19.1: Pilot program with two EVs with EV infrastructure and collect usage data.
- Action 19.2: Conduct an analysis to understand barriers to moving to electric, unexpected costs or savings, and expected carbon emission reductions.
- Action 19.3: Replace internal combustion engine equipment such as mowers and golf carts with electric options as equipment ages out.
- Action 19.4: Provide EV charging infrastructure for public use.

Metrics of Success

- Initial EV usage data collected.
- Completed EV infrastructure analysis.
- All internal combustion engine equipment have been replaced with electric options as equipment ages out.
- EV charging infrastructure in place for public use in at least one location per district by 2028.

Long-term Actions

- Action 19.5: Act on the findings of the pilot program, such as installing EV infrastructure for the public in all parks by 2033.
- Action 19.6: After evaluation of pilot program, transition Metroparks fleet (police, maintenance, operations, and administrative vehicles) to EV.

Objective 20: Increase connectivity within our parks.

Importance/Relevance

Providing supportive infrastructure, such as trails, for visitors and staff to move between and within the Metroparks, which will reduce the carbon emission footprint within the park.

Near-term Actions

- Action 20.1: Based on a trail gap study, identify connectivity options between disconnected Metroparks by 2024.
- Action 20.2: Identify partners to address trail gaps by 2024.

Metrics for Success

- Development of a non-motorized infrastructure funding strategy by 2025.
- Development of a trail connectivity plan that includes partners' input by 2024.

Long-term Actions

- Action 20.3: Complete at least one trail gap identified by 2033.
- Action 20.4: Continue to expand the length of trail networks (hike-bike, nature, and rustic trails) to increase ability for non-motorized movement within Metroparks.

- Action 20.5: Complete all trail gaps identified by 2050, and all Metroparks are connected via non-motorized trails.

Objective 21: Increase access to the Metroparks by centering environmental justice through every transit investment.

Importance/Relevance

Provide the opportunity for under-resourced communities and households that are transit-dependent to enjoy the Metroparks. Access to parks and green spaces should be a right available to everyone, regardless of income, ability, or neighborhood. Parks improve the mental, physical, and social health of community members when access is increased. Additionally, increasing access is an investment in the future of our parks, as it helps to increase the number of potential stewards who will care for these natural spaces.

Near-term Actions

- Action 21.1: Partner with existing public transit agencies to develop efficient and equitable transportation to the Metroparks by 2026.
- Action 21.2: Identify locations to support public transit, including strategically placed destination/origin points by 2028.
- Action 21.3: Explore viability for public transit discounts to and from the Metroparks, including a financial impact analysis by 2028.

Metrics of Success

- Establishment of Public Transportation Service partnerships or Circulator or Commuter service in all three park districts by 2030.
- 100% of equity population zip codes within the Metroparks' five counties have access to transit service within a 10-minute walk to visiting Metroparks by 2030.
- Transit incentive programs provided for discounts, targeting equity population park visitors by 25% by 2030.

CALLOUT BOX: *Equity Population²⁷: High concentrations of various vulnerable groups in the region based on socioeconomic indicators of residences representing older adults, minority, transit dependent households, youth, and persons in poverty.*

Objective 22: Create an internal EV transit system within the Metroparks that have the highest vehicle counts.

Importance/Relevance

Providing the opportunity for visitors to move throughout the Metroparks with zero emissions is important to promote climate-positive travel options, including emerging technologies as part of transit system design. Examples include autonomous vehicles and micro-mobility options.

Near-term Actions

- Action 22.1: Partner with existing public transit agencies to develop alternative vehicle transit opportunities for visitors to travel within the Metroparks by 2028.
- Action 22.2: Pilot circulator services at Kensington and Stony Creek Metroparks by 2028.

Metrics of Success

- Establishment of Public Transportation Service partnerships with EV transit.
- Pilot project implemented and completed.
- Infrastructure (bus stops, charging stations, and staff) available to support an internal EV transit system.

Objective 23: Explore the viability of micro-mobility modes of transportation within Metroparks.

Importance/Relevance

Micro-mobility modes like bikes and e-scooters can be helpful additions to park transportation systems, including first/last mile travel options that do not require automobiles, such as walking, bicycles, scooters, and other micro-mobility options. They provide convenient, low-impact options for visitors to travel to and within parks.

CALLOUT BOX: *Micro-mobility²⁸: Transportation using small, low-speed vehicles such as bicycles or scooters, especially electric ones.*

Near-term Actions

- Action 23.1: Conduct an assessment on the viability of micro-mobility options, including a financial analysis, including our own bike-rental facilities by 2025.
- Action 23.2: Identify other areas in the Metroparks where it could be feasible to expand our bike-rentals by 2025.
- Action 23.3: Where the Metroparks do not have bike-rental facilities, if viable, partner with e-scooters, e-bikes, and other micro-mobility vendors to provide access for a more affordable mode of transportation within the Metroparks.

Metrics for Success

- Expanded bike-rental facilities (Metroparks owned or through vendors) throughout the Metroparks by 2028.
- 10% increase in micro-mobility rentals by 2028.

Goal 5. Waste Management, Recycling, and Composting

Decrease the amount of waste going to landfills by increasing efforts internally and with the public to refuse, reduce, reuse, repurpose, and recycle materials.

About Goal 5. Waste Management and Recycling

Waste management is the strategy an organization uses to dispose, reduce, reuse, and prevent waste. Recycling is the action or process of converting waste into reusable material. Waste management and recycling are crucial for maintaining clean and sustainable parks for visitor enjoyment. Parks generate large amounts of waste from visitors and daily operations. Improper waste management can negatively impact the environment, wildlife, and visitor experiences. Waste also contributes to global greenhouse gas emissions. Landfills release methane, the greenhouse gas that traps the most heat in the atmosphere²⁹. Recycling properly, or composting food and yard waste, can help to limit the amount of trash that is sent to a landfill. This ultimately lowers our carbon footprint and total greenhouse gas emissions.

The efforts of the CAP Team identified waste management as a critical goal to the Metroparks. This internal goal to the Metroparks' organization was not a theme within visitor or community responses, given their focus on regional and experiential elements of climate change and the parks. However, it was a repeated mention within the Metroparks staff focus groups, and on the staff survey where respondents were asked to list climate-related actions that they would like to see implemented and be enthused to support. Major themes of these responses were about recycling program improvements and easier-to-understand instructions, greater knowledge about waste streams and areas of action within these (e.g., paper use, single use plastics), and implementation of a composting program. These proposed actions were considered for the CAP.

CALLOUT BOX: *Composting³⁰: A natural process to recycle organic matter, such as food scraps, leaves, or yard waste, into fertilizer that can be used in soils and gardens.*

DEI Consideration

- **Awareness and Education:** Raising awareness and providing education about proper waste disposal and recycling practices. This includes providing information in multiple languages, using culturally appropriate communication methods, and considering the specific needs and preferences of diverse communities.

Objective 24: Increase waste diversion rates internally, including vendors, through reducing, reusing, and recycling.

Importance/Relevance

Reducing and reusing are the most important steps to scale back our carbon footprint as it relates to waste management. The Metroparks must create a baseline of waste rates to show progress. Actions start from understanding the baseline, reducing, reusing, and lastly, recycling.

Near-term Actions

- Action 24.1: Determine current levels of waste as a baseline by year-end 2024, and provide options for reduction with potential financial impacts.

- Action 24.2: Educate and/or share resources with staff on waste management strategies and solicit suggestions to get input across levels and departments by 2025.
- Action 24.3: Reduce dependency on single use products:
 - a. Increase the number of water bottle filling stations in the Metroparks by 20% by 2028. Ensure that staff have reasonable access to filling stations to avoid plastic water bottle usage (e.g., filling station needed at Kensington boat rental) by 2028.
 - b. Reduce the purchasing of paper by 10% annually through 2028.
 - c. Adopt a plan for recycling of batteries for the Metroparks fleet of EVs, equipment, etc., by 2028.
- Action 24.4: Encourage staff to identify areas where material can be reused and work with the Metroparks' farm centers to identify best management practices and opportunities to better manage waste by 2025.
- Action 24.5: Create new recycling opportunities to reduce waste by adding recycling for aluminum by 2028.
- Action 24.6: Update purchasing policies to improve the sustainability of purchased products:
 - a. When purchasing giveaway items, consider our options. Look for items that are low waste, recycled, recyclable, or reusable such as reusable straws, made from recycled plastic, carbon neutral deliveries, etc.
 - b. By 2025, 90% of paper products purchased should be recycled paper, and/or carbon-friendly paper products.
 - c. Aligned with the purchasing policy, encourage the use of sustainable construction materials and divert 100% of demolition waste from landfills.
 - d. Revisit the Metroparks' green food packaging efforts through the Purchasing Department and update for compostable food packaging and bulk purchasing.

Metrics of Success

- Completed assessment and benchmarking of current waste and recycling.
- Vendors encouraged to use more sustainable products by sharing purchasing power, with the goal of reducing waste going to a landfill by 20% by 2028.
- Increased recycling rates. Use baselines from the 2020-2023 recycling program, with a goal of increasing recycling rates 10% every year from 2024-2028.
- Have attend or provided recycling resources/bins to at least five outreach events with our community partners by 2028 (e.g., events at Detroit Riverfront Conservancy, Detroit Zoological Society, and Detroit Parks & Recreation).
- Staff from at least two departments have attended recycling or sustainability-related conferences annually.
- Staff from at least two departments have contributed to at least five blog posts related to waste management and recycling by 2028.
- Contamination rates in recycling have been reduced by at least 10% annually.
- Landfill waste has been reduced by 20% by 2028. This is the ultimate metric of success to show the above actions are working.

Long-term Actions

- Action 24.7: Create at least one regulated composting facility in each district, to ensure composting opportunities are an asset for park operations.
- Action 24.8: Add compost bins for capturing food waste by concession areas by 2030.

MONITORING AND REVISING

This CAP is a “living document,” meaning that adjustments are expected and encouraged as the work progresses and we learn how to refine our efforts in future plan versions. For example, actions seen now as easily accomplishable may require more concentrated efforts than anticipated. Others seen now as large challenges may prove otherwise and thus free up capacity for a new metric of success or further work on other actions. Because this plan is wide-reaching across the breadth of the Metroparks and the benefits they provide, we may also learn along the way that actions and goals have more connections and impacts to each other than originally thought. This may mean that priorities are adjusted to account for these synergies, or ripple effects, among efforts. Finally, within the five year timeline of this plan until the next version, changes may occur within the Metroparks or impacting the Metroparks and the region and residents they serve. We write this plan in the spirit of flexibility to our dynamic world and knowledge about climate change.

This plan’s actions cumulatively amount to changes in Metroparks culture that should be monitored over time³¹. We will explicitly reflect on the CAP’s impacts and points of acceptance and friction to learn from and advance a climate-positive culture. We will reflect at least annually and at the end of this CAP’s timeline about how our actions have affected the Metroparks’ staff overall climate-positive awareness, engagement, and behavior and connections between these areas and other efforts³². One way we will do so is to administer an annual employee survey on climate awareness, engagement, attitudes, and behaviors. These surveys will help identify areas of climate progress and concern, assisting us in nurturing a “living” CAP and assessing broader cultural changes within the Metroparks.

The CAP will be updated every five years (e.g., 2028, 2033, 2038), aligning with planning standards set by the National Recreation and Park Association’s Commission for Accreditation of Park and Recreation Agencies (CAPRA). Similarly to other Metroparks plans, this CAP will be continually tracked, re-evaluated, and updated in the coming years. Financial metrics and considerations will be tracked annually and considered in action updates.

This is the first version of these actions, objectives, and goals and will be re-evaluated in five years. From 2023-2028, we, as an organization and park system, will work toward accomplishing our goals through a set metrics of success. This implementation strategy is important in staying accountable and confident in the success and impact of our climate goals. In 2027, a progress report and evaluation will be compiled to inform the direction of the 2028 Climate Action Plan, and to identify any changes in major areas of focus.

This has been a departments-wide, parks-wide effort, and responsibility for accomplishing goals is integrated throughout our organization. Department heads will lead the implementation of many of these actions, while capacity-building early in the timeline will encourage all staff members to understand how this plan impacts them, and how they can assist in the implementation of appropriate actions.

How You Can Be Engaged

If you would like to be further engaged in the work and progress of this CAP, here are a few ideas:

- Join our email list and follow us on social media to stay updated with our progress;
- Volunteer on activities announced in relation to climate goals; and/or
- Attend Metroparks programming to learn about specific efforts in the parks, and how you can adapt/bring them into your daily life.

CLOSING

This plan serves as a “living” document to guide us as we move into an uncertain future. This set of goals, objectives, and actions will allow us to take meaningful action to combat the effects of climate change that 4.8 million Michiganders are experiencing across southeast Michigan. Collectively, we are experiencing flooding, heat waves, wind events, changes in snowfall, and other climatic shifts throughout our state that we have not seen before. This document sets forth how we will assist and strengthen existing climate action throughout the region with Metroparks-specific work.

The Metroparks protect and conserve over 25,000 acres of green space that act as essential buffers to mitigate many of the climate effects being experienced. This plan helps ensure that we continue to offer these refuges and work toward more expansive protections of our valuable resources. Currently, residents are able to visit any Metropark to escape the heat, breathe clean air, or experience wellbeing and solitude. With this plan, we hope to expand and maintain opportunities, access, and experiences for our visitors - present and future. We are committed to Michiganders and our state. The Metroparks are not alone in taking this action, as we add our efforts to those by the City of Detroit, City of Ann Arbor, University of Michigan, and State of Michigan, among others, in setting crucial goals to alleviate and mitigate the effects of climate change. Collectively, we aim to protect and enhance our livelihoods in the face of climate uncertainties and associated effects.

As the effects of climate change evolve, so too will this plan and our responses within it. This CAP acts as a first step to ensure the Metroparks stay responsive and attentive to southeast Michigan and our visitors’ needs. The Metroparks have been beloved for generations, and this plan aims to ensure that we continue to be a safe, healthy space for our community and the resources we steward.

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APPENDIX A

Park Benefits - the Ecosystems Services Framework

The Ecosystem Services framework is an established way of thinking about how an ecosystem, or the community of living things and their environment, benefits people¹⁸. We used this framework for checkpoints about what types of benefits are highlighted in this CAP and how the Metroparks might specifically highlight the role and continuity of parks' benefits through its climate actions. Throughout this effort, the Ecosystem Services framework provided a structure to the engagements and analyses. There are four main types of these benefits:

- **Provisioning services** are products provided to people (e.g., food, water, timber).
- **Regulating services** are benefits provided by adjusting and balancing different parts of the environment (e.g., flood control, climate regulation, pollination).
- **Cultural services** are the intangible and non-material benefits provided to people (e.g., recreation, spiritual enrichment, aesthetics/beauty, learning).
- **Supporting services** are the benefits provided that allow all the other environmental interactions and services to function (e.g., nutrient cycling, soil formation).

These services are interrelated, and interdependent. Climate change alters ecosystem services, and ultimately impacts the benefits people receive from their local and regional environments. The Ecosystem Services framework assists climate action adaptation and mitigation planning by providing guidance for planning teams to think about action across multiple areas of the environment, rather than concentrating action solely in a few parts. Using the Ecosystem Services framework throughout the Metroparks' CAP creation process resulted in a well-rounded approach to climate action in Michigan.

While all ecosystem services were represented across the five goals and 24 objectives, some were more impactful to certain ecosystem services, while others captured a wider range of the four services. The following figure illustrates the relationships between the 24 objectives and the ecosystem services to which they are related. In total, 15 objectives are working toward maintaining / enhancing cultural services, 14 objectives toward regulating services, six toward supporting services, and three toward provisioning services. The attention to all four ecosystem services shows a thoughtful and intentional approach toward the Metroparks' CAP that will continue on into future versions and adaptations.



The four ecosystem services (triangles) and their relationships (arrows) as defined by the Millennium Ecosystem Assessment. Metroparks CAP objectives and examples are detailed for each. In parks, provisioning is generally less represented and supporting examples are fewer but broader in scope. Figure adapted from Tilton et al. (2021)³³.

APPENDIX B

Full List of the 35 Climate Action Plans Included in the Literature Review

Southeast Michigan / Nearby (10 plans)	Park Systems (11 plans)	National Park Service (14 plans)
Michigan MI Healthy Climate Plan	Forest Preserves of Cook County Sustainability & Climate Resilience Plan	Boston Harbor Islands National Recreation Area
Ann Arbor Living Carbon Neutrality Plan	Minneapolis Recreation Board Ecological Systems Plan	Channel Islands National Park
Detroit Climate Action Plan (2017)	NYC Parks Sustainable Parks Plan	Chesapeake & Ohio Canal National Historical Park
Detroit Sustainability Agenda (2019)	Park District of Oak Park Sustainability Plan	Cuyahoga Valley National Park
Northville Sustainability Plan	Pennsylvania DCNR Climate Change Adaptation and Mitigation Plan	Delaware Water Gap National Recreation Area
Royal Oak Sustainability and Climate Action Plan	Schaumburg Park District Green Light Sustainability Plan	Fire Island National Seashore Gateway National Recreation Area
University of Michigan Planet Blue Campus	Tacoma Metro Parks Green Light Sustainability Plan	George Washington Memorial Parkway
Ypsilanti Climate Action Plan	Three Rivers Park District Sustainability Plan	Golden Gate National Recreation Area
Toledo Go Green, Sustainability Plan	Urbana Park District CARES Plan	Harpers Ferry National Historical Park
Windsor Corporate Climate Action Plan	Washington State Parks Adaptation Plan	Lake Mead National Recreation Area
	Westerville Park District Sustainability Plan	National Capital East Pictured Rocks National Lakeshore
		Rock Creek Park

APPENDIX C

The 16 Initial Climate Action Plan Themes

These themes were sourced by examining the topics in other climate plans' actions and grouping and defining them in ways meaningful to the Metroparks and the context of this CAP in particular. All 16 themes are in this CAP – five as goals and 11 as supports/connections within those goals.

- **Biodiversity:** The variety of life including animals, plants, fungi, and microorganisms in our natural world or particular habitat or ecosystem.
- **Economic Development:** Creating the conditions and activities for the improved quality of life in our surrounding communities. This includes individuals and businesses in support of their innovation, skills, and investments.
- **Education:** The process of training and developing the knowledge, skill, mind, character, etc., especially by formal and informal schooling; teaching; training.
- **Equipment:** Tangible items such as tools, machines, clothing, etc. that are needed to complete a particular job or activity.
- **Facilities/Amenities/Infrastructure:** *Facility:* Something that is built, installed, or established to serve a particular purpose. *Amenity:* Something that helps to provide comfort, convenience, or enjoyment. *Infrastructure:* Related to the critical physical structures that support park operations and visitor experiences.
- **Internal Governance:** The Metroparks' formal set of structures, communication lines, procedures, and rules.
- **Natural Resources:** Resources present in nature, including soil, vegetation, wildlife, and natural waters and wetlands.
- **Parks and Green Spaces:** *Parks:* Areas of land, either naturally or semi-naturally established for the enjoyment of visitors rest and recreation. *Green spaces:* Intentional areas of land partly or completely covered with grass, trees, shrubs, or other vegetation with the purpose of improving air quality, reduction of noise, or enhancing biodiversity.
- **Partnerships:** Coordinated and collaborative efforts between Metroparks and external agencies.
- **Public Health and Safety:** *Public health:* Provide, protect, and improve the conditions for safe access in our community. *Safety:* The condition of being protected from or unlikely to cause danger, risk, or injury.
- **Recreation:** Any activity that refreshes, satisfies, and brings enjoyment to people, in which they engage on a voluntary basis during leisure (non-work / non-obligated) time.
- **Stormwater Management:** The effort to reduce water runoff and assistance in precipitation events and water quality.
- **Sustainable Land Use:** Best management practices toward stewardship of land, water, biodiversity, and other environmental resources for current and future use.
- **Transportation:** The movement of goods and persons from place to place and the various means by which such movement is accomplished.
- **Waste Management and Recycling:** *Waste management:* the strategy an organization uses to dispose, reduce, reuse, and prevent waste. *Recycling:* The action or process of converting waste into reusable material.
- **Water Conservation:** The preservation, control, and development of water resources, both surface and groundwater, and prevention of pollution.

APPENDIX D

Summaries of Data Collected in Support of This Plan's Development

Summaries of the focus group and survey data gathered in support of this plan are linked on Google Drive, as well as summary notes from the individual listening sessions with Board of Commissioners' members. Descriptions of the five documents are as follows:

- Document 1 – Research overview and description of methods
- Document 2 – Brief overview of key findings, referencing major themes and data tables
- Document 3 – Results from listening sessions with Board of Commissioners' members
- Document 4 – Results from the focus groups, organized into six sections:
 - Section 1 – All attendee characteristics
 - Section 2 – Community responses overall and by Metroparks District
 - Section 3 – Metroparks staff responses
 - Section 4 – Community and staff response comparisons for key questions
 - Section 5 – Partner responses
 - Section 6 – Full data and illustrative quotes
- Document 5 – Results from the surveys, organized into three sections:
 - Section 7 – Community responses overall and by visitor status
 - Section 8 – Community responses by county of residence
 - Section 9 – Metroparks staff responses

Link:

<https://drive.google.com/drive/folders/1iDhzuAIVwVffUDfeIP1wMnxERJCC76a4>

APPENDIX E

Current Metroparks Actions Supporting Each Climate Action Plan Goal

Goal 1. Education and Engagement

- Climate-related school and summer camp programming
- Education on Shoreline Restoration Project
- Educational programming on stormwater topics
- Interpretive Center Master Plans
- Kids' cottage demonstration "green" building
- Monarch wayfinding garden
- Participation in the Environmental Stewardship Program Pollinator gardens
- School and outreach programming
- Sustainability messaging in newsletter/social media
- Teacher workshops
- Wild Wednesdays and Water quality blog
- Virtual programming

Goal 2. Preservation and Conservation of Natural Resources

- Adhere to regulatory requirements and best practices for construction in floodplains
- Beach restoration, native plantings, *E. coli* study
- Best management practices with Engineering, Planning, and Natural Resources
- Big Bend Restoration
- Biodiversity Enhancement via Plugs and Seeds
- Biological research/deer herd & ecosystem management
- Buffer zones around the wetlands and creeks to help filter contaminants
- Cherry Island trail improvements
- Conversion of annual grass maze to perennial wildflower and switchgrass prairie
- Deer Herd and Ecosystem Management Program/Plan
- Green food packaging and products
- Invasive species removal
- Kids cottage demonstrating "green" building
- Livestock management practices
- Managing everyday waste streams of trash, metal, tires, wood, concrete, etc.
- Managing hazardous waste in the parks and ensure proper disposal
- Memorial tree program
- Michigan Agricultural Environmental Assurances Program reverification
- Monarch wayfinding gardens
- Mowing reduction program
- Native plants in ornamental building plantings
- NOAA Feasibility Dam Removal Study
- Participation in the Environmental Stewardship Program
- Pet waste stations
- Pilot project SEMCOG EV Infrastructure Grant

- Pollinator gardens
- Pond water temperature monitoring
- Prescribed Fire
- Proper chemical and fertilizer selections as well as reduced usage where applicable
- Proper storage of equipment and materials in the parks to avoid contamination
- Rinse/load pads for spray equipment
- Savanna Ecosystem restoration
- Seasonal closures of lower use areas to reduce plowing and salting
- Shoreline softening
- Sustainable sugar bush management plan
- Utilizing Integrated Pest Management for monitoring and action thresholds
- Vegetation surveys
- Wellhead protection

Goal 3. Water Quality

- Adhere to regulatory requirements and best practices for construction in floodplains
- Adhere to current regulatory requirements and best management practices for stormwater
- Beach restoration, native plantings, *E. coli* study
- Being mindful of salt usage in parks
- Big Bend restoration
- Buffer zones around the wetlands and creeks to help filter contaminants
- Educational programming on stormwater topics
- GLRI Nonpoint source run-off
- Incorporating stormwater best management practices into designs
- Management of irrigation systems and water usage
- NOAA Feasibility Dam Removal Study
- Parking lot bioswales
- Pond water temperature monitoring
- Proper storage of equipment and materials in the parks to avoid contamination
- Proper chemical and fertilizer selections and reduced usage where applicable
- Rain barrels
- Replace hot water heaters with on demand heaters
- Seasonal closures of lower use areas to reduce plowing and salting
- Shoreline softening
- Well designed and well places equipment wash stations
- Wellhead protection

Goal 4. Transportation

- Bike repair centers (amenities to promote biking)
- Conducting meetings via Teams/Zoom
- Consolidating trips to parks
- MDOT recycled asphalt products standards
- Percentage of recycled pavement material in asphalt mixes for roadway and hike-bike trails
- Pilot transit initiative with SMART
- Pilot project E-Fleet DTE program
- Pilot project SEMCOG EV Infrastructure Grant
- Reduced idling of park equipment and vehicles
- Regional non-motorized connections
- Transit access (LSC/SMART)
- Transitioning from fuel to electric golf carts at Huron Meadows (Indian Springs 2023/2024)
- Working remote when possible

Goal 5. Waste Management, Recycling, and Composting

- Animal waste composter
- Coordinate efforts with peers and local agencies
- Ecolab for chemical distribution; reducing plastic bottles and large non-recyclable drums
- Green food packaging and products
- Livestock management program
- Managing everyday waste streams of trash, metal, tires, wood, concrete, etc.
- Managing hazardous waste in the parks and ensure proper disposal
- MDOT recycle asphalt products standards
- Percentage of recycled pavement material in asphalt mixes for roadway and hike-bike trails
- Recycling program for waste oil and oil filters
- Recycle toner and used ink cartridges
- Recycle bins for plastic bottles
- Recycling program for lightbulbs, electronics, aerosol cans, paint cans
- Recycling program for all batteries
- Replace hot water heaters with on demand heaters
- Rinse/load pads for spray equipment
- Use trash bags that are made with the highest amount of recycled plastic
- Used tires sent to recycling plant

Huron-Clinton Metroparks Authority

Dam Inspections and Inundation Mapping Update

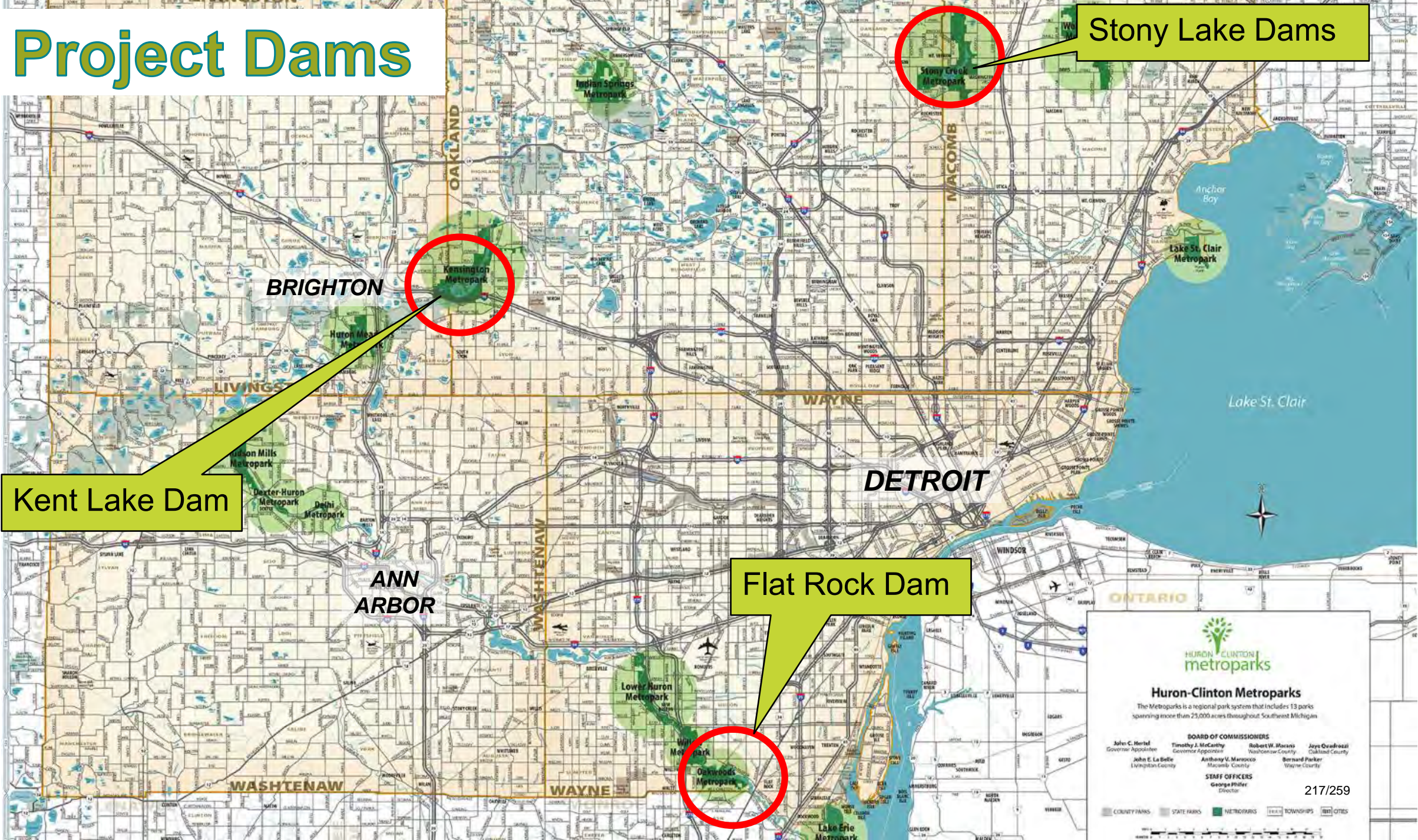


GZA Michigan, Inc.
August 10, 2023

David M. Leone PE
Walter Kosinski PE



Project Dams



Stony Lake Dams

Kent Lake Dam

Flat Rock Dam

Huron-Clinton Metroparks

The Metroparks is a regional park system that includes 13 parks spanning more than 23,000 acres throughout Southwest Michigan.

BOARD OF COMMISSIONERS

John C. Hertel Governor Appointee	Timothy J. McCarthy Governor Appointee	Robert W. Abrams Washtenaw County	Jaye Quadraal Oakland County
John E. La Belle Livingston County	Anthony V. Marocco Macomb County	Bernard Parker Wayne County	

STAFF OFFICERS

George Pfifer
Director

217/259

LEGEND: COUNTY PARKS, STATE PARKS, METROPARKS, TOWNSHIPS, CITIES

Project Dams



Stony Lake Dams

Upper Stony Lake Dam

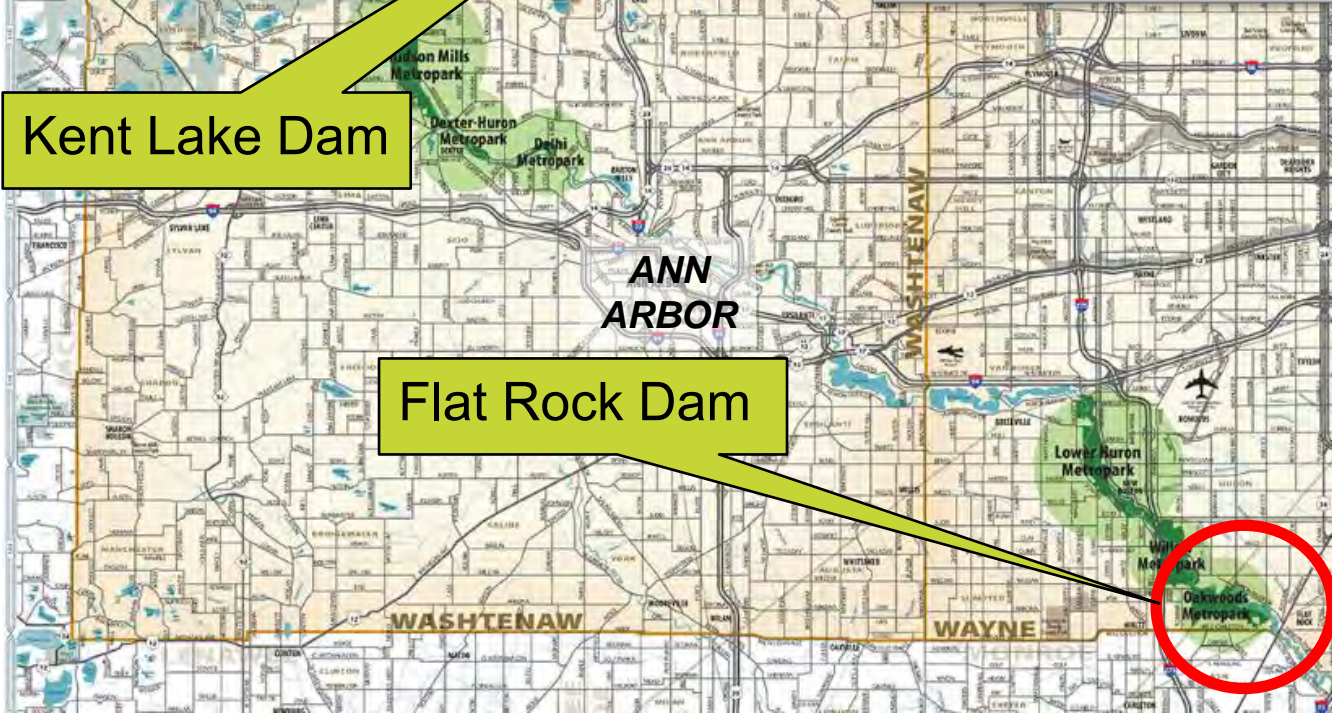


Lower Stony Lake Dam

Project Dams



Kent Lake Dam



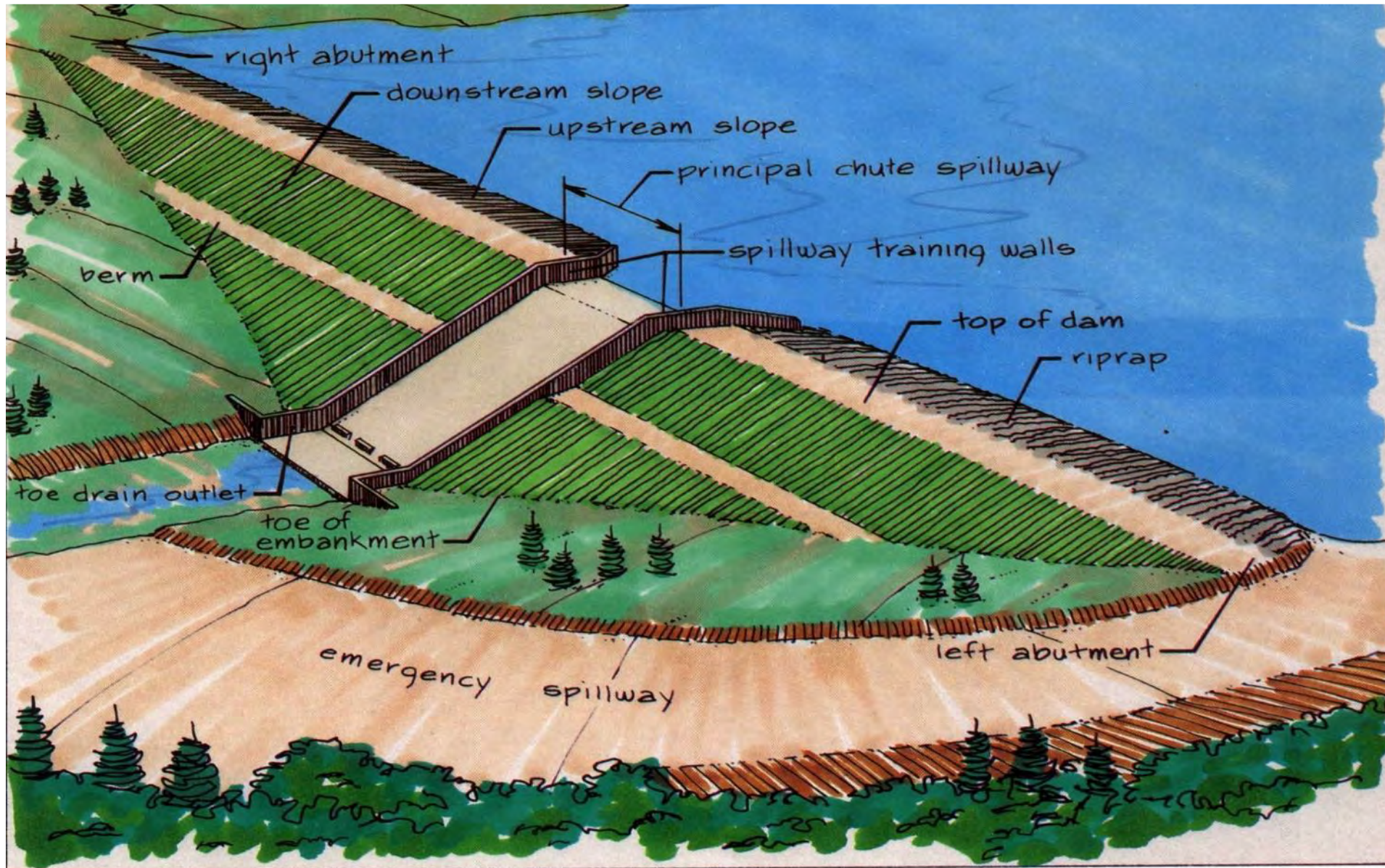
Kent Lake Dam

Flat Rock Dam



Flat Rock Dam

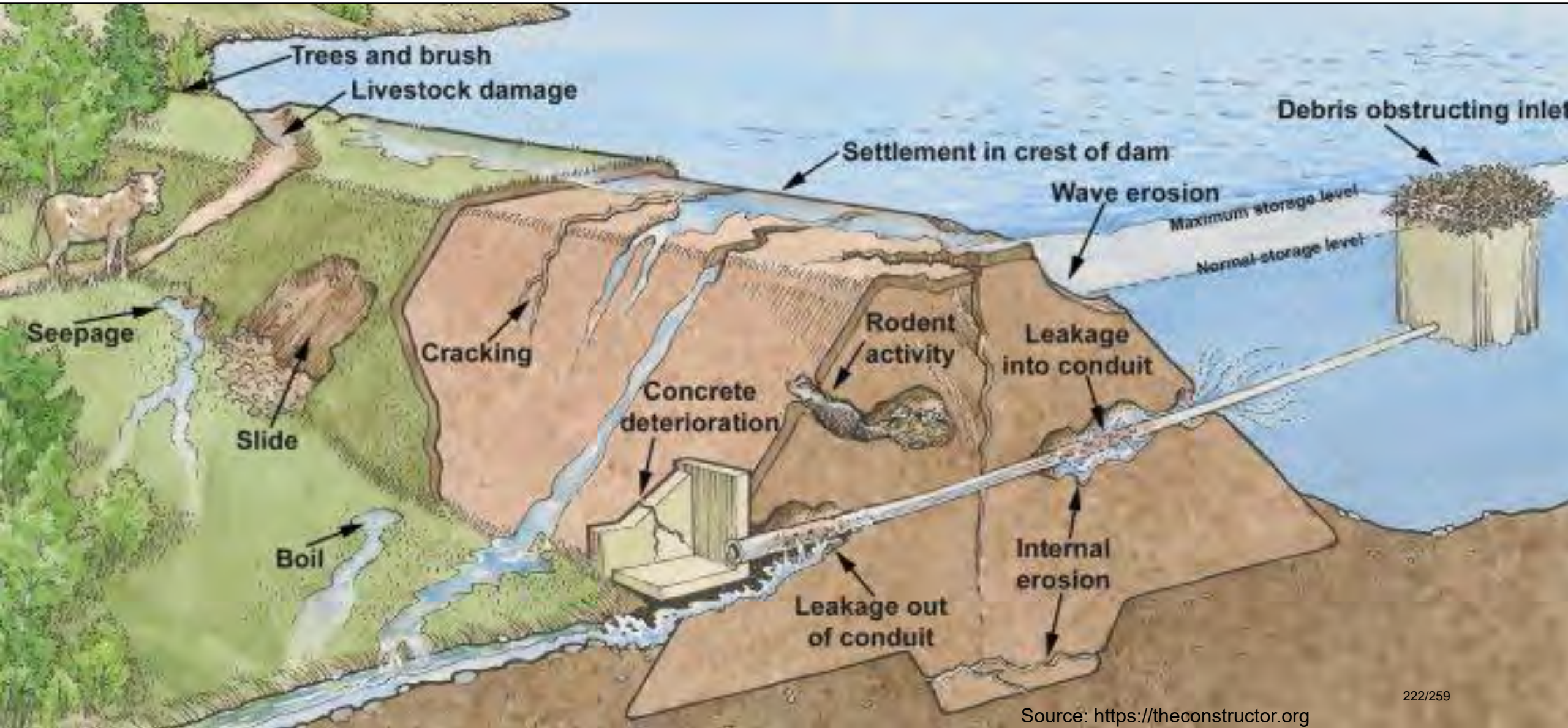
Dam Jargon



Inundation Mapping Overview

- Each dam failure mode is simulated in a US Army Corps of Engineers computer program (HEC-RAS)
- Inundation maps are part of the dam's Emergency Action Plan
- Failure modes often lumped together in two broad categories:
 - Wet Weather Scenario – Hydrologic failure (coincident flood occurring, e.g., “200-year” flood or “100-year” flood)
 - Fair Weather (Sunny Day) Scenario – Reservoir at normal pool elevation and typical downstream flows
- Inundation maps can depict separate failure scenarios or one composite area if inundation extents are similar

Potential Dam Failure Mechanisms



Hypothetical Dam Failure Modes

- For dam failure inundation mapping of the Metroparks Dams:

Dam Name	Internal Erosion or Piping	Spillway Sliding or Overturning	Drum Gate Failure	Drawdown Gate Failure
Upper Stony Lake Dam	YES	YES	Not applicable	YES
Lower Stony Lake Dam	YES	YES	YES	YES
Kent Lake Dam	YES	YES	YES	YES
Flat Rock Dam	Not applicable due to limited embankment	YES	Not applicable	YES

Review of Inundation Maps

Winkler Mill Road	
Distance Downstream of Breached Dam (miles)	1.2
Leading Edge Arrival Time (hr:min)	00:15
Peak Flood Arrival Time (hr:min)	00:55
Maximum Water Level (ft)	780.8
Incremental Rise in Water Level (ft)	18.0
Maximum Flow (cfs)	31,000

WINKLER POND DAM (MI00277)
PEAK FLOW THROUGH BREACH: 31,000 CFS

LOWER STONY LAKE DAM (MI00685)
PEAK FLOW THROUGH BREACH: 33,900 CFS

Information window at select locations

Inundation area

LOWER STONY CREEK LAKE

LEGEND

- Matchline
- Flow Direction
- Municipal Boundary
- Hospitals
- Schools
- Buildings
- Inundation Area for Sunny Day Embankment Failure

- NOTES:**
1. THE INUNDATION AREA SHOWN IS APPROXIMATE AND SHOULD BE USED AS A GUIDELINE FOR ESTABLISHING EVACUATION ZONES.
 2. ACTUAL INUNDATION AREA WILL DEPEND ON ACTUAL FAILURE CONDITIONS AND MAY DIFFER FROM THIS MAP.
 3. INUNDATION AREA WAS CALCULATED BY SIMULATING DAM FAILURES WITH THE HEC-RAS 5.2.0 COMPUTER SOFTWARE.
 4. INUNDATION AREA REFLECTS PIPING FAILURE OF THE DAM'S EARTHEN SECTION, OCCURRING WHEN THE RESERVOIR IS AT THE SUMMER NORMAL POOL ELEVATION (801.5 FT, NAVD83) AND THE DOWNSTREAM RIVER HAS NORMAL BASEFLOWS.
 5. THE INUNDATION AREA REFLECTS DOMINO FAILURE OF WINKLER POND DAM.
 6. THE INUNDATION AREAS SHOWN ON THIS MAP REFLECT EVENTS OF AN EXTREMELY REMOTE NATURE. THESE RESULTS ARE NOT IN ANY WAY INTENDED TO REFLECT UPON THE INTEGRITY OF LOWER STONY LAKE DAM.
 7. AERIAL PHOTO IS FROM NATIONAL AGRICULTURE IMAGERY PROGRAM (NAIP) IMAGERY COLLECTED IN 2020.
 8. HOSPITAL LOCATIONS FROM SEMCOG (AUG, 2022)
 9. BUILDING FOOTPRINTS FROM SEMCOG (APR, 2022)
 10. SCHOOLS LOCATIONS FROM DTMB (SEPT, 2022). SCHOOLS INCLUDE PRE-K THROUGH HIGH SCHOOL.

**LOWER STONY LAKE DAM (MI00685)
INUNDATION MAP FOR PIPING FAILURE OF THE MAIN EMBANKMENT DURING SUNNY DAY
OAKLAND TOWNSHIP AND WASHINGTON TOWNSHIP, MICHIGAN**

PAGE 1 OF 2

Prepared For:
HURON-CLINTON METROPOLITAN AUTHORITY
13000 High Ridge Drive
Brighton, MI 48114

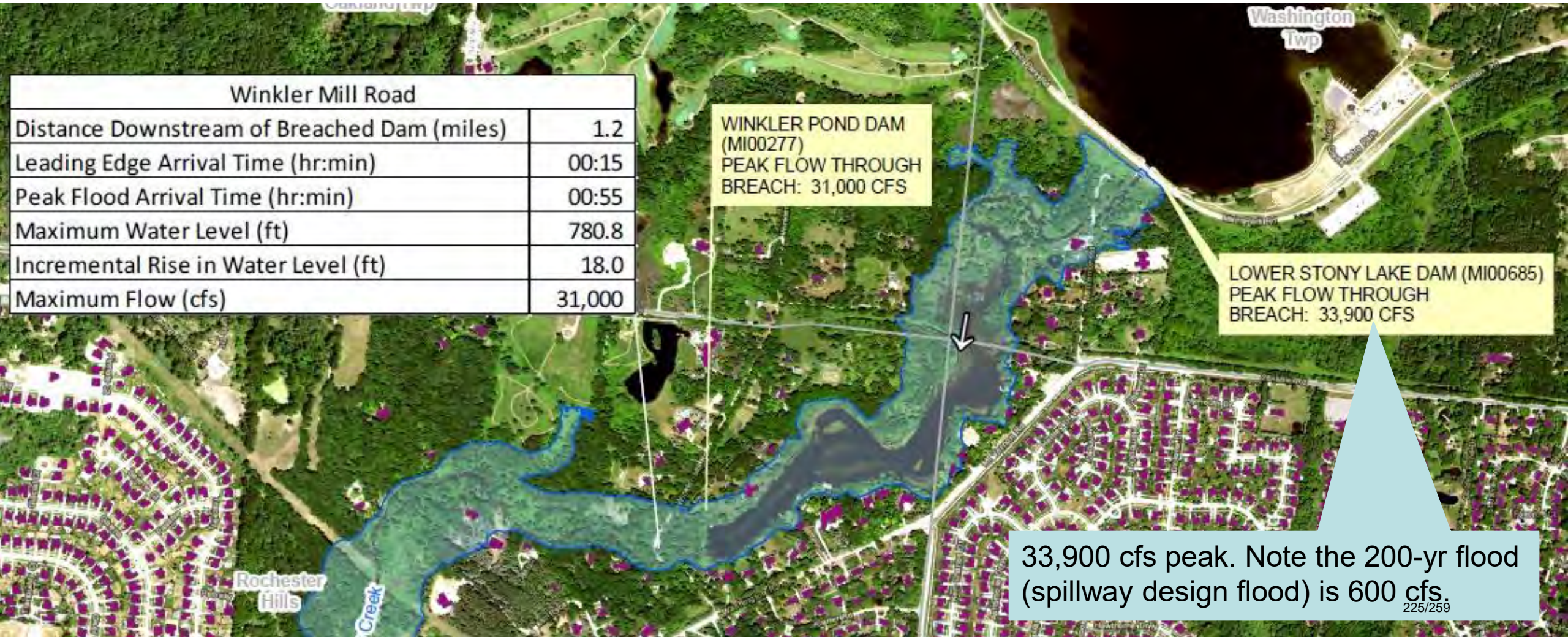
Prepared By:
GZA GeoEnvironmental, Inc.

19500 Victor Parkway Suite 300
Livonia, MI 48152
Phone: (734) 462-0207 Fax: (734) 464-6042
224/250

Proj. Mgr.: JC
Designed by: RSG
Reviewed by: DM/LCS
Operator: RSG

Dwg. Date: 11/7/2022
Job No.: 07.0064200.00

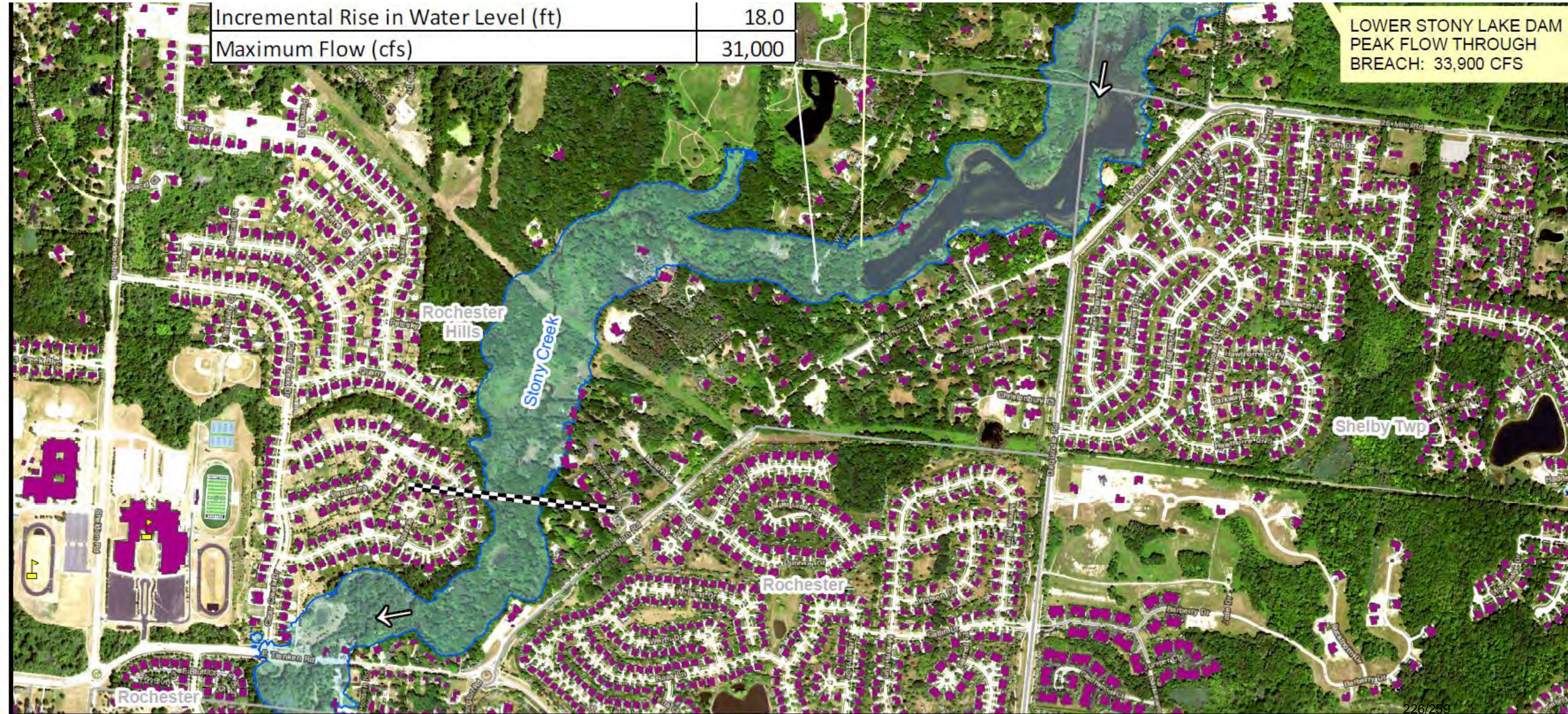
Review of Inundation Maps



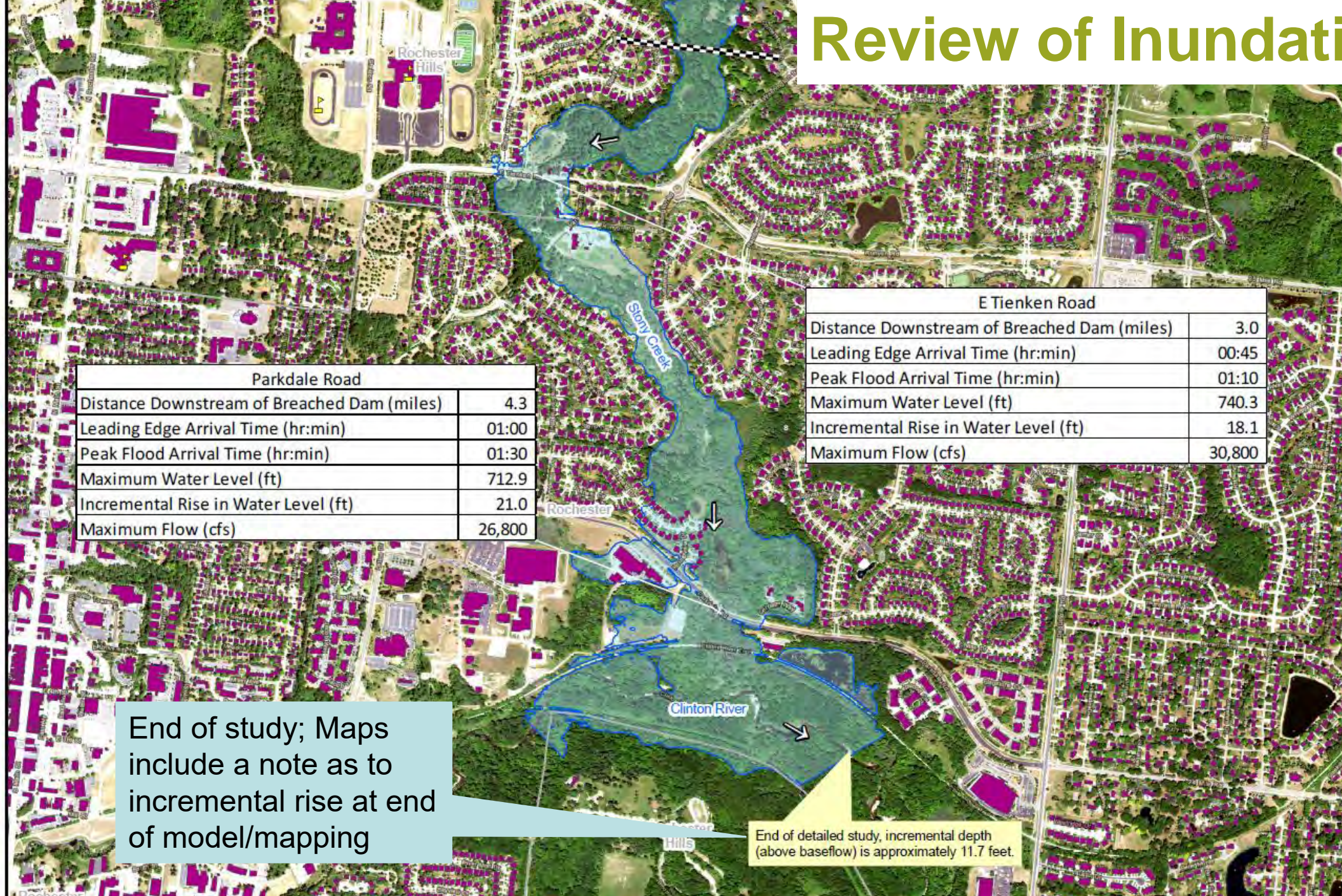
Review of Inundation Maps

Incremental Rise in Water Level (ft)	18.0
Maximum Flow (cfs)	31,000

LOWER STONY LAKE DAM
PEAK FLOW THROUGH
BREACH: 33,900 CFS



Review of Inundation Maps



Parkdale Road	
Distance Downstream of Breached Dam (miles)	4.3
Leading Edge Arrival Time (hr:min)	01:00
Peak Flood Arrival Time (hr:min)	01:30
Maximum Water Level (ft)	712.9
Incremental Rise in Water Level (ft)	21.0
Maximum Flow (cfs)	26,800

E Tienken Road	
Distance Downstream of Breached Dam (miles)	3.0
Leading Edge Arrival Time (hr:min)	00:45
Peak Flood Arrival Time (hr:min)	01:10
Maximum Water Level (ft)	740.3
Incremental Rise in Water Level (ft)	18.1
Maximum Flow (cfs)	30,800

- Flow Direction
- Municipal Boundary
- Hospitals
- Schools
- Buildings
- Inundation Area for Sunny Day Embankment Failure

- NOTES:
1. THE INUNDATION AREA SHOWN IS APPROXIMATE AND SHOULD BE USED AS A GUIDELINE FOR ESTABLISHING EVACUATION ZONES.
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 6. THE INUNDATION AREAS SHOWN ON THIS MAP REFLECT EVENTS OF AN EXTREMELY REMOTE NATURE. THESE RESULTS ARE NOT IN ANY WAY INTENDED TO REFLECT UPON THE INTEGRITY OF LOWER STONY LAKE DAM.
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LOWER STONY LAKE DAM (MI00685)
INUNDATION MAP FOR PIPING FAILURE OF THE MAIN EMBANKMENT DURING SUNNY DAY
 OAKLAND TOWNSHIP AND WASHINGTON TOWNSHIP, MICHIGAN

PAGE 2 OF 2

Prepared For:
HURON-CLINTON METROPOLITAN AUTHORITY
 13000 High Ridge Drive
 Brighton, MI 48114

Prepared By:
GZA GeoEnvironmental, Inc.
 19500 Victor Parkway
 Livonia, MI 48152
 Phone: (734) 462-0207 Fax: (734) 464-6042

Proj. Mgr.: JC Dwg. Date: 11/8/2022
 Designed By: RSD

End of study; Maps include a note as to incremental rise at end of model/mapping

End of detailed study, incremental depth (above baseflow) is approximately 11.7 feet.

Questions?





HURON-CLINTON METROPOLITAN AUTHORITY

To: Board of Commissioners
From: Sanjay Khunger, Chief of Information & Technology
Subject: BMC Track-It! Upgrade
Date: August 3, 2023

Action Requested: Motion to approve

That the Board of Commissioners approve the upgrade of BMC Track-It! for a total amount of \$31,597.64 as recommended by Chief of IT, Sanjay Khunger, and IT staff.

Fiscal Impact: Funds will come from the Board approved 2023 IT Department budget. In addition to significant new functionality, this purchase will result in an annual savings of \$2,418 starting 2024.

Background: The proposed purchase will enable the consolidation of IT service and systems management suite from a fragmented set of three products to a single integrated product while enhancing the ability of the IT team to better manage the computers, mobile devices and other IT endpoints.

Process: BMC Track-It! was selected for continuity of service as it is the incumbent IT help desk and asset management tool. As one of the leaders in this space, BMC Track-It! will satisfy current requirements within the budget.

IT REQUEST

Sanjay Khunger

July 2023



A KEY FOCUS IS TO ENHANCE AND BETTER UTILIZE IT SYSTEM MANAGEMENT TOOLS

To address:

- Risk exposure due to infrastructure vulnerabilities
 - 38% of vulnerabilities in our environment are due to missing Windows security updates, missing patches, inconsistent program versions, and aged hardware.
- Frequent point-of-sale device downtime
 - 15% of all our tickets are for slow or "down" PCs.
 - 50% of our PCs are over 5 years old that lead to frequent downtime resulting in revenue loss
- Improve IT Operations efficiency
 - Frequent system failures result in technician time spent on troubleshooting and fixing.
 - Lack of an accurate view of hardware and software assets results in an inability to plan and optimize IT spend.

We need to improve IT Asset Tracking and System Management

- Perform daily non-intrusive audit scan of all computer hardware and audit the hardware and software configuration
- Ensure compliance with standard configurations with
 - Automatic patch deployment
 - Automatic software updates
- Plan hardware upgrades for hardware that is at or near end of life
- Reallocate underutilized resources

CURRENT IT TOOLS HAVE LIMITED CAPABILITIES FOR SYSTEM MANAGEMENT

Feature	Current Tool	Capability Level
Service desk ticketing	BMC Track-It!	Good
Asset management	BMC Track-It!	Good
Patch management	Microsoft SCCM	Limited
Image deployment	Microsoft SCCM	Limited
Software deployment	Microsoft SCCM	Limited
Remote access	Team Viewer	Good

*Needs
upgrade or
replacement*

OPTIONS TO UPGRADE OR REPLACE IT SYSTEM MANAGEMENT TOOL

Features	Current State	Option 1	Option 2 (Recommended)	Option 3
Service desk ticketing	BMC Track-It!	BMC Track-It!	BMC Track-It!	ManageEngine
Asset management				
Patch management	Microsoft SCCM (limited functionality)	Microsoft Intune		
Computer Deployment				
Software deployment				
Remote access	Team Viewer	Team Viewer	TeamViewer	
Pros		<ul style="list-style-type: none"> Keep current product suite structure. Includes Mobile Device Management feature that can be enabled in the future. 	<ul style="list-style-type: none"> One product suite for all ITSM features. Better vendor support. Lower year over year cost. 	<ul style="list-style-type: none"> Lowest 3-year cost
Cons	SCCM only manages Windows PCs and Microsoft applications.	Highest year over year and 3-year cost.	Potential lock-in with one vendor	<ul style="list-style-type: none"> Time and effort to switch from current to new product Solid solution but not a leader in this space (per Gartner) Does not include the Compliance feature
Cost				
2023 one-time		\$0	\$31,598	\$0
Yearly	\$8,130	\$38,200	\$5,712	\$7,540
Total 3-year cost	\$24,390	\$114,600	\$43,022	\$22,620



RECOMMEND PURCHASING SYSTEM MANAGEMENT MODULES OF BMC TRACK-IT!

Table 1.1: Perpetual License Product Table:

Territory: USA

Products (Serial Number)	Support Plan	Term	Licensed Capacity		Fees			
			Unit of Measure	Number of Units	Unit Cost (in USD)	Support Unit Cost (in USD)	Per Product License Fee (in USD)	Per Product Support Fee (in USD)
Client Management - Compliance for Track-It!	BMC Continuous Support	31-AUG-2023 to 12-MAR-2024	per node	600	USD 10.02	USD 1.07	USD 6,012.00	USD 639.09
Client Management - Deployment for Track-It!	BMC Continuous Support	31-AUG-2023 to 12-MAR-2024	per node	600	USD 15.03	USD 1.60	USD 9,018.00	USD 958.62
Client Management - Inventory for Track-It! (BCM1254876)	BMC Continuous Support	31-AUG-2023 to 12-MAR-2024	per node	200	USD 9.52	USD 1.01	USD 1,903.80	USD 202.38
Client Management - Master Server for Track-It! (BCM1254876)	BMC Continuous Support	31-AUG-2023 to 12-MAR-2024	per instance	1	USD 806.11	USD 85.69	USD 806.11	USD 85.69
Client Management - Patch for Track-It! (BCM1254876)	BMC Continuous Support	31-AUG-2023 to 12-MAR-2024	per node	600	USD 10.02	USD 1.07	USD 6,012.00	USD 639.09
Client Management - Remote for Track-It! (BCM1254876)	BMC Continuous Support	31-AUG-2023 to 12-MAR-2024	per instance	600	USD 8.02	USD 0.85	USD 4,809.60	USD 511.27

Perpetual License Fee (in USD): 28,561.51

Total Support Fee (in USD): 3,036.13

Total Perpetual License and Support Fees exclusive of applicable taxes (in USD): 31,597.64





To: Board of Commissioners
From: Shedreka Miller, Chief of Finance
Subject: July Financial Review
Date: August 3, 2023

Action Requested: Motion to Receive and File

That the Board of Commissioners' receive and file July 2023 Financial Review as recommended by Chief of Finance, Shedreka Miller and staff.



HURON-CLINTON METROPARKS JULY FINANCIAL RECAP

August 2023

Administrative Office
13000 High Ridge Drive
Brighton, MI 48814



[METROPARKS.COM](https://www.metroparks.com)



TABLE OF CONTENTS

Executive Summary	4
Administrative Revenue	5
Park Operating Revenue	6
Expenditures	11

EXECUTIVE SUMMARY

JULY 2023 FINANCIAL RESULTS

For the month of July 2023, operating revenue of \$4.5 million increased \$13,400 or 0.3% and vehicle entries declined 3% in comparison to 2022. The year-to-date park operating revenue of \$16.8 million is \$189,268 higher compared to 2022 and \$2.0 million higher compared to the 5-year average. No significant changes to administrative revenue took place during July.

Tolling increased for daily sales and decreased for annual sales in comparison to 2022. July daily permit sales are 1% higher than 2022. July annual permit sales are 9.1% lower than 2022. Year-to-date tolling revenue is \$433,541 or 5% lower than 2022 figures.



Tolling and golf are the largest contributors to operating park revenue in July 2023. Combined, tolling and golf made up 73% of park operating revenue. Tolling and golf each generated \$1.6 million. All other park operating activities produced over \$1.2 million.

Overall, year-to-date general fund expenditures are up \$5.7 million or 16.7% compared to 2022.

In summary, the Metroparks continue to be well positioned financially. Revenues remain strong, are higher than the 5-year average, and expenditures remain within planned budgets.

ADMINISTRATIVE REVENUE

Metroparks administrative revenue consists of all revenue sources that are not generated directly by park operations. Tax revenue accounts for the majority and is the single largest source of revenue for the Metroparks.

At the end of July, total tax revenue recognized by the Metroparks increased from 2022 by \$1.9 million. State reimbursements for lost personal property tax revenue is budgeted at \$639,000. These funds have not yet been received but are expected.

Interest rates have risen significantly compared to last year. As of July 2023, year-to-date interest income of \$351,194 is \$336,547 higher than 2022 figures.

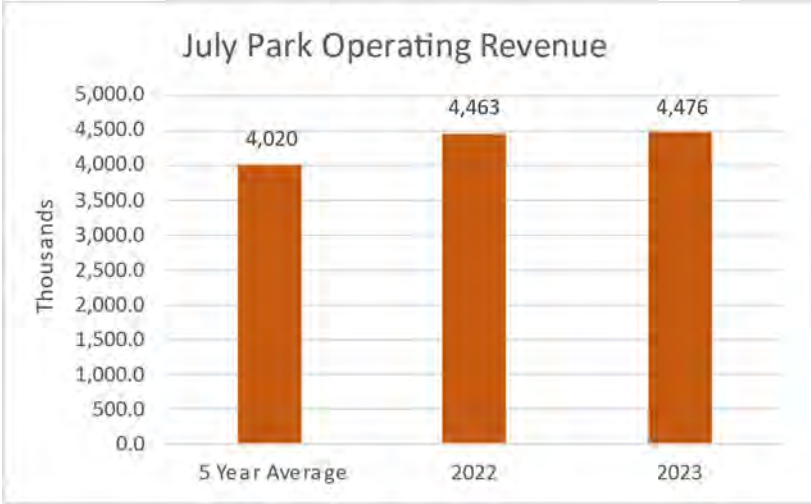
The annual auction of surplus equipment and materials is planned for this fall and expected to again use the on-line platform. We fully expect to hit budget target for both the sale of capital assets and the miscellaneous revenue associated with this event.



PARK OPERATING REVENUE

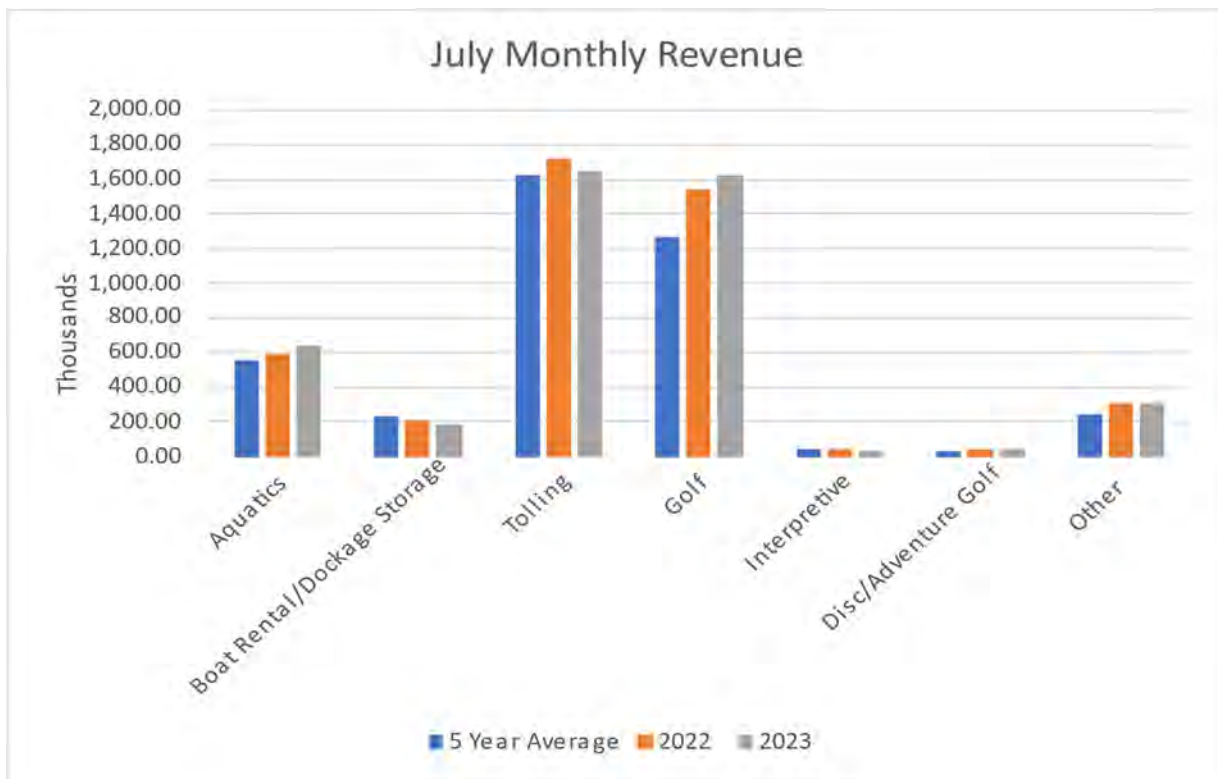
BY ACTIVITY

The parks generated \$4.5 million in revenue during July 2023 compared to \$4.5 million in 2022. The 5-year average for operating revenue is \$4.0 million. This is the highest revenue earned for the month of July within the past five years.



Breaking down park operating revenue by the activity, the most significant source of revenue is tolling. The \$1.6 million generated was lower than 2022 by \$76,648 or 4% and higher by the 5-year average by \$18,823 or 1%.

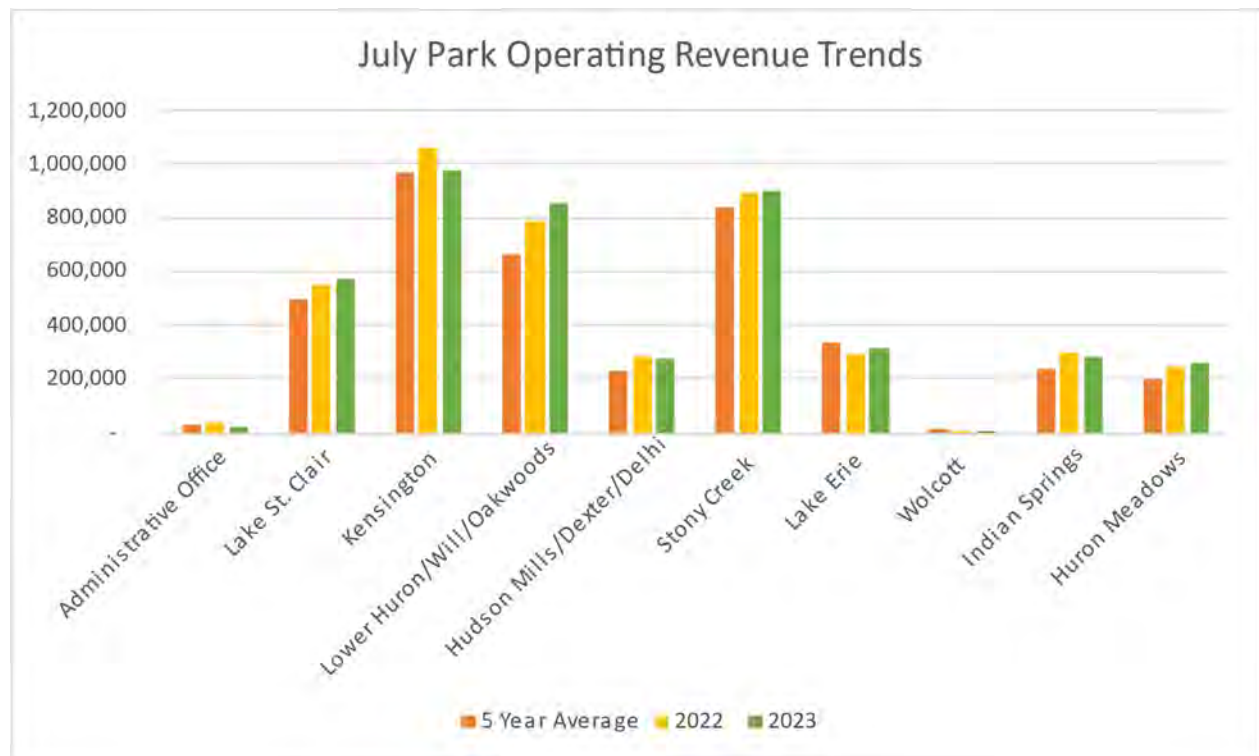
Golf and aquatics were the second and third largest sources of operating revenue for the month. Golf revenue of \$1.6 million was higher than 2022 and the 5-year average by \$74,427 or 5% and \$348,994 or 27%. Other revenue was higher than 2022 and the 5-year average by \$735 or 0.2% and \$56,449 or 23%.



BY LOCATION

July 2023 operating revenue in total increased compared to July 2022 by \$13,400 or 0.3% and increased compared to the 5-year average by \$456,503 or 11.4%. Kensington, Stony Creek, and Lower Huron/Will/Oakwoods generated the most revenue for July 2023. July operating revenue for Kensington, Stony Creek, and Lower Huron/Will/Oakwoods was \$979,512, \$900,829, and \$852,893.

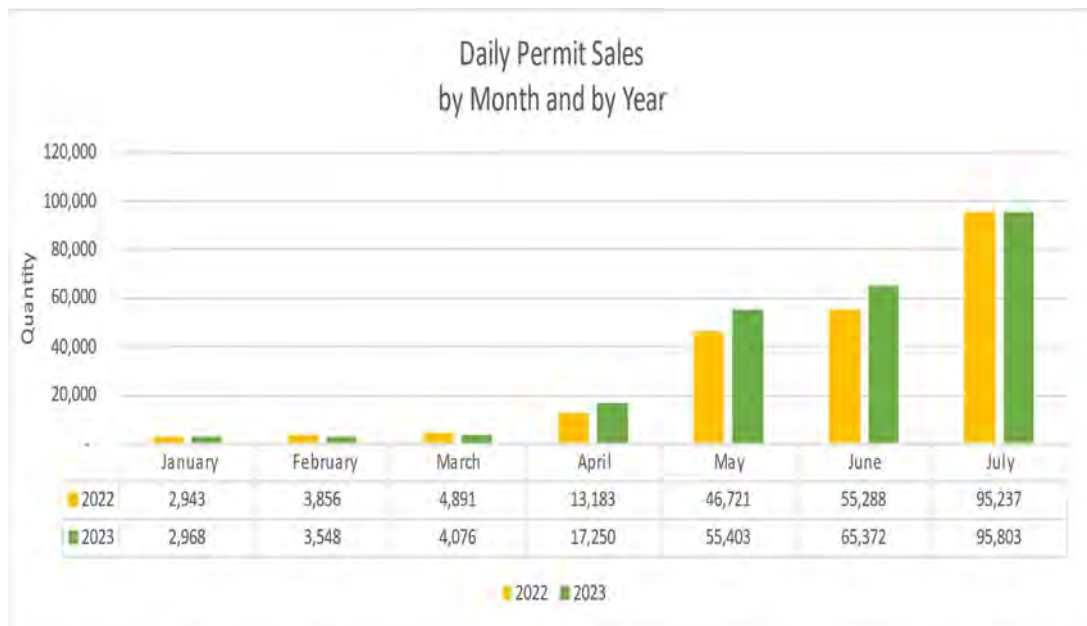
In the chart below, the variance between 2023 and 2022 figures range between an increase of \$63,840 and a decrease of \$77,914. The variance between 2023 and the 5-year average ranges between an increase of \$185,585 and a decrease of \$20,879. The changes are reflected in the chart below:



The following charts graphically represent the trends and shifts in annual and daily permit sales. Year-to-date annual permit sales for 2023 are down 6.9% from 2022. Annual permit sales for July 2023 declined 9.1% compared to 2022.



Daily permit sales in July increased 1% compared to 2022.



Considering year-to-date operating revenue, the \$16.8 million generated is \$189,268 higher than 2022 and \$2.0 million higher than the 5-year average.

The pie charts below reflect the revenue earned at the end of July compared to the budgeted revenue not yet earned.



At the end of July 2023, we have generated 71.8% of budgeted operating revenue earned. We were around 71.2% for 2022 and 71.0% for the 5-year average.

EXPENDITURES

ADMINISTRATIVE OFFICE

Overall, year-to-date Administrative Office expenditures are ahead of 2022 by \$4.2 million or 75%. \$4.0 million of this increase is related to the naming rights of Ralph Wilson Park.

MAJOR MAINTENANCE AND CAPITAL

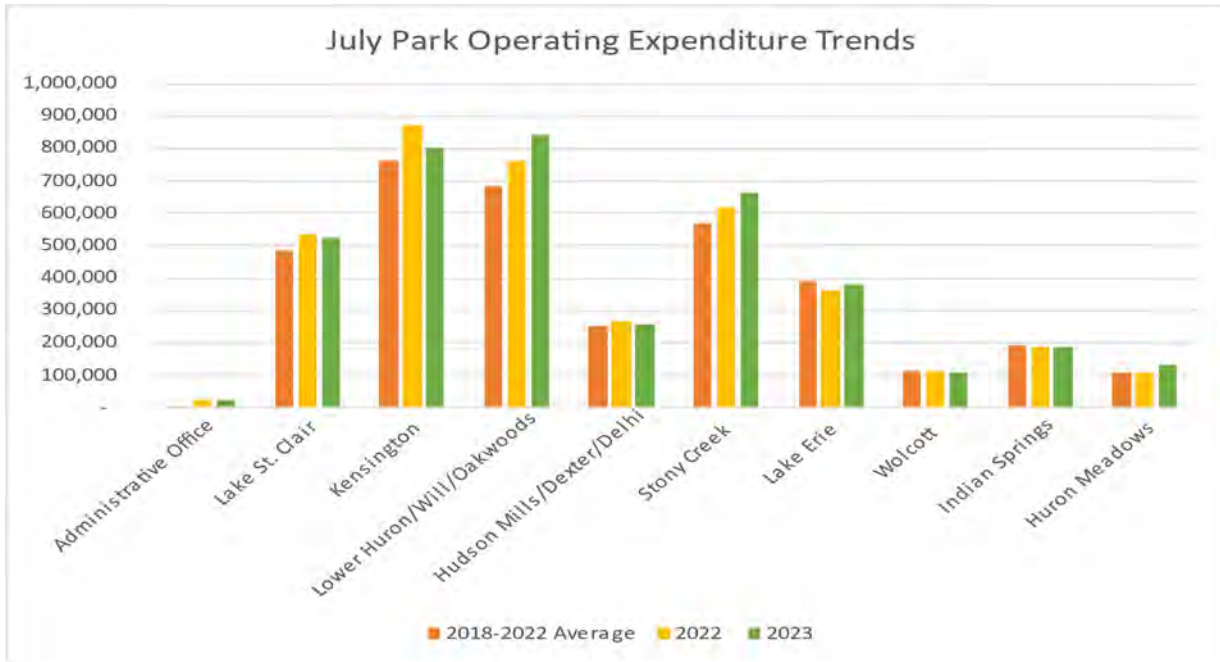
Approximately 91% percent of planned capital equipment and land acquisition purchases have been either paid for or encumbered. Payments during the month of July totaled \$70,896 or 1.6% of the budget.

As of the end of July, 41% of major maintenance projects have been either received or contracted for. July payments for major maintenance totaled \$573,052 or 11.3% of the annual major maintenance budget.

PARK OPERATIONS

Overall, year-to-date park operating expenditures are \$884,048 or 4.0% higher than the 2022 year-to-date level. Approximately \$293,701 or 33% of this variance is related to wages/benefits.

Looking at individual parks for the month of July, the variance in operating expenditures between 2023 and 2022 ranges between an increase of \$83,251 and a decrease of \$66,861.



At the end of July, we have used 52.1% of the annual budget, the amount was 51.6% for 2022 and 51.8 for the 5-year average.





To: Board of Commissioners
From: Janet Briles, Interim Chief of Planning and Development
Subject: Approval/Resolution- Stony Creek Metropark, Reflection Trail Accessibility Renovation
Date: August 10, 2023

Action Requested: Motion to Approve

That the Board of Commissioners approve a resolution authorizing staff to execute the forthcoming Project Agreement for the Land and Water Conservation Fund (LWCF) Grant for the Stony Creek Metropark – Reflection Trail Accessibility Renovation as recommended by Interim Chief of Planning and Development Janet Briles and staff.

Fiscal Impact: This is a reimbursement grant. The total cost of the project is estimated at \$1,000,000 dollars, of which, the Metroparks will be responsible for \$500,000 in cash outlay, to match the \$500,000 award for the LWCF grant.

Background: In March 2022, the Board authorized staff to apply for a LWCF grant to renovate Stony Creek Metropark's Reflection Trail. The project was recommended for award in December 2022 and staff has received notice from staff at the Department of Natural Resources (DNR) that the Project Agreement was ready for approval in July 2023.

The project comprises of new asphalt pathways to improve circulation, aggregate universally accessible (UA) trails, benches, boardwalk, native tree plantings, native prairie plantings, LED lighting, an overlook, ADA paved parking spaces, pedestrian bridges, and utilities as necessary for universal access at the Nature Center.

In order to move forward with accepting the grant funding, the Metroparks is required to submit the executed Project Agreement, Resolution, Boundary Map, and Property Description to the DNR. The project is anticipated for completion by June 2026.

Attachment: Board Resolution



To: Board of Commissioners
From: Janet Briles, Interim Chief of Planning and Development
Subject: Approval/Resolution- Delhi Metropark, Canoe and Kayak Launch Renovation
Date: August 10, 2023

Action Requested: Motion to Approve

That the Board of Commissioners approve a resolution authorizing staff to execute the forthcoming Project Agreement for the Michigan Natural Resources Trust Fund (MNRTF) Grant for the Delhi Metropark – Canoe and Kayak Launch Renovation as recommended by Interim Chief of Planning and Development Janet Briles and staff.

Fiscal Impact: This is a reimbursement grant. The total cost of the project is estimated at \$621,600 dollars, of which, the Metroparks will be responsible for \$302,600 in cash outlay, and \$19,000 in in-kind staff time for engineering to match the \$300,000 award for the MNRTF grant.

Background: In March 2022, the Board authorized staff to apply for a MNRTF grant to renovate Delhi Metropark's Canoe and Kayak Launch. The project was recommended for award in December 2022 and staff has received notice from staff at the Department of Natural Resources (DNR) that the Project Agreement was ready for approval in August 2023.

The project comprises of new asphalt pathways to improve circulation, ADA livery building improvements, benches, a bike rack, canoe/kayak launch, crushed stone parking lot, electronic sliding gate, entrance drive, landscaping, paved ADA parking spaces, a pet waste station, picnic tables, a vault/pit toilet, and water spigot reconfiguration.

In order to move forward with accepting the grant funding, the Metroparks is required to submit the executed Project Agreement, Resolution, Boundary Map, and Property Description to the DNR. The project is anticipated for completion by August 2025.

Attachment: Board Resolution

HURON-CLINTON METROPARKS MONTHLY STATISTICS

July, 2023

PARK	MONTHLY VEHICLE ENTRIES				MONTHLY TOLL REVENUE			
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St Clair	78,189	86,049	82,514	-5%	\$ 336,465	\$ 371,226	\$ 359,388	-6%
Wolcott Mill	4,362	5,446	4,370	0%	\$ 3,792	\$ 3,799	\$ 3,899	-3%
Stony Creek	93,394	98,139	105,650	-12%	\$ 384,435	\$ 405,939	\$ 412,495	-7%
Indian Springs	13,974	14,541	13,887	1%	\$ 46,255	\$ 47,909	\$ 46,083	0%
Kensington	120,352	114,136	122,419	-2%	\$ 427,329	\$ 504,366	\$ 493,700	-13%
Huron Meadows	14,081	13,455	13,734	3%	\$ 1,304	\$ 2,384	\$ 1,571	-17%
Hudson Mills	28,190	32,690	35,027	-20%	\$ 77,591	\$ 100,568	\$ 97,712	-21%
Lower Huron/Willow/Oakwoods	73,343	74,018	68,547	7%	\$ 251,442	\$ 248,484	\$ 181,542	39%
Lake Erie	28,098	28,609	29,315	-4%	\$ 67,487	\$ 68,961	\$ 66,553	1%
Monthly TOTALS	453,983	467,083	475,463	-5%	\$ 1,596,100	\$ 1,753,636	\$ 1,662,944	-4%

PARK	Y-T-D VEHICLE ENTRIES				Y-T-D TOLL REVENUE			
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St Clair	295,319	298,860	324,052	-9%	\$ 1,460,427	\$ 1,608,587	\$ 1,582,685	-8%
Wolcott Mill	27,931	29,501	22,935	22%	\$ 29,583	\$ 29,806	\$ 20,302	46%
Stony Creek	407,096	365,949	435,306	-6%	\$ 1,876,632	\$ 1,960,054	\$ 2,220,116	-15%
Indian Springs	57,459	58,445	62,864	-9%	\$ 261,655	\$ 272,855	\$ 281,423	-7%
Kensington	495,009	478,332	539,025	-8%	\$ 2,155,459	\$ 2,276,787	\$ 2,402,239	-10%
Huron Meadows	62,100	65,213	67,974	-9%	\$ 38,844	\$ 56,668	\$ 45,181	-14%
Hudson Mills	135,815	140,639	158,926	-15%	\$ 366,141	\$ 442,048	\$ 466,484	-22%
Lower Huron/Willow/Oakwoods	335,383	331,191	348,250	-4%	\$ 759,163	\$ 756,250	\$ 695,492	9%
Lake Erie	128,809	131,277	140,264	-8%	\$ 428,749	\$ 442,346	\$ 481,297	-11%
Monthly TOTALS	1,944,921	1,899,407	2,099,596	-7%	\$ 7,376,653	\$ 7,845,401	\$ 8,195,218	-10%

PARK	MONTHLY PARK REVENUE				Y-T-D PARK REVENUE			
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St Clair	\$ 511,196	\$ 536,149	\$ 486,611	5%	\$ 2,107,693	\$ 2,268,569	\$ 2,097,144	249/259 1%

HURON-CLINTON METROPARKS MONTHLY STATISTICS

July, 2023

Wolcott Mill	\$ 5,196	\$ 6,403	\$ 8,566	-39%	\$ 66,661	\$ 77,216	\$ 72,783	-8%
Stony Creek	\$ 878,397	\$ 893,041	\$ 891,939	-2%	\$ 3,568,571	\$ 3,504,032	\$ 3,642,516	-2%
Indian Springs	\$ 289,182	\$ 292,200	\$ 260,260	11%	\$ 1,120,474	\$ 1,085,815	\$ 963,251	16%
Kensington	\$ 971,060	\$ 1,106,074	\$ 1,052,400	-8%	\$ 3,893,511	\$ 4,005,166	\$ 3,902,341	0%
Huron Meadows	\$ 259,036	\$ 243,783	\$ 223,771	16%	\$ 929,993	\$ 850,495	\$ 735,462	26%
Hudson Mills	\$ 271,386	\$ 285,231	\$ 266,544	2%	\$ 1,010,604	\$ 1,013,545	\$ 968,890	4%
Lower Huron/Willow/Oakwoods	\$ 852,752	\$ 788,977	\$ 544,209	57%	\$ 2,054,896	\$ 1,830,755	\$ 1,492,516	38%
Lake Erie	\$ 316,722	\$ 311,503	\$ 299,197	6%	\$ 1,264,531	\$ 1,190,534	\$ 1,172,239	8%
Y-T-D TOTALS	\$ 4,354,927	\$ 4,463,363	\$ 4,033,497	8%	\$ 16,016,935	\$ 15,826,127	\$ 15,047,143	6%

District	Y-T-D Vehicle Entries by Management Unit				Y-T-D Total Revenue by Management Unit			
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Eastern	730,346	694,310	782,293	-7%	5,742,926	5,849,817	5,812,444	-1%
Western	750,383	742,629	828,789	-9%	6,954,582	6,955,021	6,569,944	6%
Southern	464,192	462,468	488,514	-5%	3,319,427	3,021,289	2,664,755	25%

HURON-CLINTON METROPARKS MONTHLY STATISTICS

July, 2023

GOLF THIS MONTH	MONTHLY ROUNDS				MONTHLY REVENUE			
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Stony Creek	7,721	7,448	7,210	7%	\$ 270,585	\$ 268,694	\$ 249,713	8%
Indian Springs	6,933	7,216	6,383	9%	\$ 239,213	\$ 235,981	\$ 201,813	19%
Kensington	7,662	7,545	7,279	5%	\$ 260,651	\$ 256,644	\$ 239,785	9%
Huron Meadows	7,574	7,173	6,625	14%	\$ 256,532	\$ 239,499	\$ 220,566	16%
Hudson Mills	6,263	5,812	5,563	13%	\$ 174,031	\$ 160,776	\$ 147,006	18%
Willow	6,292	6,191	5,583	13%	\$ 201,457	\$ 162,497	\$ 160,699	25%
Lake Erie	6,491	6,974	6,439	1%	\$ 203,742	\$ 201,942	\$ 186,496	9%
Total Regulation	48,936	48,359	45,082	9%	\$ 1,606,211	\$ 1,526,033	\$ 1,406,079	14%
LSC Par 3	1,725	1,360	1,348	28%	\$ 12,890	\$ 11,496	\$ 10,853	19%
LSC Foot Golf	78	189	190	-59%	\$ 598	\$ 1,474	\$ 1,499	-60%
Total Golf	50,739	49,908	46,620	9%	\$ 1,619,699	\$ 1,539,003	\$ 1,418,432	14%

GOLF Y-T-D	GOLF ROUNDS Y-T-D				GOLF REVENUE Y-T-D			
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Stony Creek	25,616	22,688	21,252	21%	\$ 909,850	\$ 806,309	\$ 726,175	25%
Indian Springs	22,111	22,079	19,172	15%	\$ 808,006	\$ 721,811	\$ 607,208	33%
Kensington	25,234	23,915	22,612	12%	\$ 873,529	\$ 807,948	\$ 732,664	19%
Huron Meadows	25,035	21,986	19,466	29%	\$ 854,474	\$ 724,567	\$ 637,624	34%
Hudson Mills	20,488	18,053	16,600	23%	\$ 561,850	\$ 485,849	\$ 430,251	31%
Willow	20,172	17,249	16,359	23%	\$ 652,580	\$ 479,675	\$ 475,003	37%
Lake Erie	21,702	20,184	18,664	16%	\$ 676,981	\$ 590,510	\$ 537,759	26%
Total Regulation	160,358	146,154	134,124	20%	\$ 5,337,270	\$ 4,616,670	\$ 4,146,684	29%
LSC Par 3	4,131	3,356	3,819	8%	\$ 27,400	\$ 30,516	\$ 33,045	-17%
LSC Foot Golf	219	330	384	-43%	\$ 1,369	\$ 2,967	\$ 3,118	-56%
Total Golf	164,708	149,840	138,327	19%	\$ 5,366,039	\$ 4,650,153	\$ 4,182,847	28%

AQUATICS THIS MONTH	PATRONS THIS MONTH				MONTHLY REVENUE			
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St. Clair	19,044	20,338	14,922	28%	\$ 98,334	\$ 102,263	\$ 71,919	37%
Stony Creek Rip Slide	8,228	9,149	6,631	24%	\$ 45,912	\$ 52,124	\$ 37,297	251/25923%

HURON-CLINTON METROPARKS MONTHLY STATISTICS

July, 2023

KMP Splash	15,182	16,712	18,728	-19%	\$ 104,298	\$ 111,693	\$ 110,871	-6%
Lower Huron	27,287	26,498	13,108	108%	\$ 337,022	\$ 287,224	\$ 138,444	143%
Willow	3,574	7,842	6,790	-47%	\$ 34,982	\$ 35,832	\$ 30,097	16%
Lake Erie	0	0	0	-	\$ -	\$ -	\$ -	-
TOTALS	73,315	80,539	60,179	22%	\$ 620,549	\$ 589,136	\$ 388,629	60%
AQUATICS Y-T-D	PATRONS Y-T-D				REVENUE Y-T-D			
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St. Clair	36,736	41,995	25,903	42%	\$ 188,561	\$ 210,109	\$ 123,183	53%
Stony Creek Rip Slide	13,858	16,043	11,715	18%	\$ 80,116	\$ 92,254	\$ 65,503	22%
KMP Splash	26,882	30,240	29,142	-8%	\$ 187,984	\$ 201,475	\$ 165,055	14%
Lower Huron	35,073	32,229	15,096	132%	\$ 419,186	\$ 338,261	\$ 156,232	168%
Willow	11,215	17,267	11,620	-3%	\$ 75,629	\$ 80,843	\$ 52,647	44%
Lake Erie	0	0	0	-	\$ -	\$ -	\$ 25	-
TOTALS	123,764	137,774	93,476	32%	\$ 951,476	\$ 922,942	\$ 562,644	69%

HURON-CLINTON METROPARKS MONTHLY STATISTICS

July, 2023

PARK	Seasonal Activities this Month				Monthly Revenue			
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St. Clair								
Welsh Center	7	7	4	91%	\$ 7,100	\$ 8,900	\$ 5,300	34%
Shelters	45	58	54	-16%	\$ 10,710	\$ 19,640	\$ 14,567	-26%
Boat Launches	1,245	658	1,465	-15%	\$ -	\$ -	\$ -	-
Marina	844	890	524	61%	\$ 4,779	\$ 5,665	\$ 5,192	-8%
Mini-Golf	3,200	3,170	2,764	16%	\$ 15,285	\$ 14,792	\$ 12,696	20%
Wolcott								
Activity Center	0	0	0	-	\$ -	\$ -	\$ 167	-
Stony Creek								
Disc Golf Daily	1,409	2,225	2,363	-40%	\$ 4,933	\$ 7,569	\$ 8,028	-39%
Disc Golf Annual	4	2	4	9%	\$ 240	\$ 120	\$ 220	9%
Total Disc Golf	1,413	2,227	2,366	-40%	\$ 5,173	\$ 7,689	\$ 8,248	-37%
Shelters	56	52	59	-5%	\$ 13,890	\$ 11,706	\$ 13,191	5%
Boat Rental	1,934	60,709	25,602	-92%	\$ 45,727	\$ 58,468	\$ 75,704	-40%
Boat Launches	53	47	121	-56%	\$ -	\$ -	\$ -	-
Indian Springs								
Shelters	13	14	13	-3%	\$ 1,275	\$ 1,275	\$ 1,283	-1%
Event Room	0	3	4	-	\$ 2,400	\$ 6,200	\$ 10,667	-78%
Kensington								
Disc Golf Daily	3,705	3,995	3,999	-7%	\$ 13,324	\$ 14,845	\$ 14,025	-5%
Disc Golf Annual	2	10	7	-70%	\$ 120	\$ 600	\$ 387	-69%
Total Disc Golf	3,707	4,005	4,006	-7%	\$ 13,444	\$ 15,445	\$ 14,411	-7%
Shelters	58	63	79	-26%	\$ 13,363	\$ 13,138	\$ 16,134	-17%
Boat Rental	3,751	4,621	5,971	-37%	\$ 65,853	\$ 80,571	\$ 90,071	-27%
Huron Meadows								
Shelters	6	10	10	-38%	\$ 1,200	\$ 1,900	\$ 1,633	-27%
Hudson Mills								
Disc Golf Daily	1,454	779	1,170	24%	\$ 4,362	\$ 2,337	\$ 3,511	24%
Disc Golf Annual	4	2	4	9%	\$ 240	\$ 120	\$ 220	253/259 9%

HURON-CLINTON METROPARKS MONTHLY STATISTICS

July, 2023

Total Disc Golf	1,458	781	1,174	24%	\$ 4,602	\$ 2,457	\$ 3,731	23%
Shelters	22	18	17	29%	\$ 2,100	\$ 3,500	\$ 2,967	-29%
Canoe Rental	0	4,493	4,171	-	\$ -	\$ 17,123	\$ 13,969	-
Lower Huron / Willow / Oakwoods								
Disc Golf Daily	105	205	207	-49%	\$ 315	\$ 615	\$ 622	-49%
Disc Golf Annual	0	0	0	-	\$ -	\$ -	\$ -	-
Total Disc Golf	105	205	207	-49%	\$ 315	\$ 615	\$ 622	-49%
Shelters	66	48	73	-10%	\$ 11,825	\$ 9,025	\$ 10,333	14%
Lake Erie								
Shelters	14	9	14	-2%	\$ 2,400	\$ 1,800	\$ 2,767	-13%
Boat Launches	2,637	2,187	2,386	11%	\$ -	\$ -	\$ -	-
Marina	0	0	0	-	\$ 42,390	\$ 38,058	\$ 42,978	-1%

HURON-CLINTON METROPARKS MONTHLY STATISTICS

July, 2023

PARK	Seasonal Activities Y-T-D				Seasonal Revenue Y-T-D			
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St. Clair								
Welsh Center	28	23	20	38%	\$ 31,700	\$ 52,000	\$ 38,800	-18%
Shelters	318	342	322	-1%	\$ 83,820	\$ 88,506	\$ 73,576	14%
Boat Launches	3,616	2,047	4,531	-20%	\$ -	\$ -	\$ -	-
Marina	1,539	1,775	1,178	31%	\$ 14,834	\$ 14,961	\$ 12,824	16%
Mini-Golf	4,741	6,723	5,248	-10%	\$ 33,813	\$ 31,349	\$ 23,643	43%
Wolcott								
Activity Center	0	5	11	-	\$ (250)	\$ 4,380	\$ 5,868	-104%
Stony Creek								
Disc Golf Daily	4,770	8,163	9,477	-50%	\$ 16,265	\$ 27,480	\$ 31,824	-49%
Disc Annual	108	121	94	14%	\$ 6,460	\$ 7,106	\$ 5,535	17%
Total Disc Golf	4,878	8,284	9,572	-49%	\$ 22,725	\$ 34,586	\$ 37,359	-39%
Shelters	398	424	390	2%	\$ 91,140	\$ 95,200	\$ 87,590	4%
Boat Rental	4,614	67,299	33,865	-86%	\$ 98,189	\$ 127,161	\$ 161,421	-39%
Boat Launches	375	349	479	-22%	\$ -	\$ -	\$ -	-
Indian Springs								
Shelters	72	88	68	5%	\$ 8,525	\$ 12,000	\$ 8,942	-5%
Event Room	12	25	23	-47%	\$ 34,300	\$ 70,250	\$ 56,283	-39%
Kensington								
Disc Golf Daily	13,412	14,002	16,923	-21%	\$ 44,802	\$ 47,444	\$ 58,476	-23%
Disc Annual	256	235	251	2%	\$ 14,960	\$ 13,860	\$ 14,733	2%
Total Disc Golf	13,668	14,237	17,174	-20%	\$ 59,762	\$ 61,304	\$ 73,209	-18%
Shelters	417	399	425	-2%	\$ 92,025	\$ 87,900	\$ 90,868	1%
Boat Rental	8,102	8,987	10,958	-26%	\$ 145,447	\$ 156,775	\$ 160,736	-10%
Huron Meadows								
Shelters	32	45	41	-22%	\$ 5,600	\$ 8,600	\$ 7,200	-22%
Hudson Mills								
Disc Golf Daily	4,283	4,201	5,224	-18%	\$ 12,849	\$ 12,603	\$ 15,673	-18%
Disc Annual	140	114	123	14%	\$ 8,360	\$ 6,640	\$ 7,187	255/259 16%

HURON-CLINTON METROPARKS MONTHLY STATISTICS

July, 2023

Total Disc Golf	4,423	4,315	5,347	-17%	\$ 21,209	\$ 19,243	\$ 22,860	-7%
Shelters	112	153	110	2%	\$ 18,100	\$ 27,300	\$ 19,283	-6%
Canoe Rental	0	7,723	7,249	-	\$ -	\$ 17,123	\$ 15,395	-
Lower Huron / Willow / Oakwoods								
Disc Golf Daily	644	632	937	-31%	\$ 1,545	\$ 2,196	\$ 2,914	-47%
Disc Annual	15	10	8	80%	\$ 860	\$ 540	\$ 460	87%
Total Disc Golf	659	642	946	-30%	\$ 2,405	\$ 2,736	\$ 3,374	-29%
Shelters	352	301	288	22%	\$ 77,600	\$ 71,825	\$ 58,625	32%
Lake Erie								
Shelters	50	43	54	-7%	\$ 10,350	\$ 8,700	\$ 11,333	-9%
Boat Launches	12,835	10,051	10,478	22%	\$ -	\$ -	\$ -	-
Marina	0	0	0	-	\$ 146,282	\$ 143,595	\$ 143,255	2%

HURON-CLINTON METROPARKS MONTHLY STATISTICS

July, 2023

INTERPRETIVE FACILITIES								
PARK	Monthly Patrons Served				YTD Patrons Served			
	(total program participants and non-program visitors)				(total program participants and non-program visitors)			
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St Clair	20,149	23,703	20,646	-2%	100,779	89,350	94,674	6%
Wolcott Mill	3,681	1,088	3,264	13%	21,639	9,761	20,992	3%
Wolcott Farm	5,642	5,138	5,337	6%	34,027	27,602	29,976	14%
Stony Creek	17,032	17,102	20,261	-16%	97,414	95,736	107,281	-9%
Eastern Mobile Center	1,782	6,138	2,700	-34%	9,396	13,343	8,209	14%
Indian Springs	5,764	7,059	5,245	10%	30,584	31,164	29,545	4%
Kens NC	29,699	24,343	28,118	6%	192,618	190,765	205,685	-6%
Kens Farm	25,992	27,963	27,514	-6%	140,100	154,989	154,454	-9%
Western Mobile Center	539	352	468	15%	6,289	5,888	4,869	29%
Hudson Mills	3,621	3,573	3,622	0%	25,638	24,717	23,858	7%
Oakwoods	934	15,151	10,128	-91%	79,355	85,592	83,563	-5%
Lake Erie	617	16,263	11,548	-95%	84,736	96,904	98,977	-14%
Southern Mobile Center	3,952	3,579	2,727	45%	12,547	11,579	9,149	37%
Totals	119,404	151,452	141,576	-16%	835,122	837,390	871,232	-4%

PARK	Monthly Revenue				YTD Revenue			
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St Clair	\$ 3,797	\$ 1,200	\$ 1,308	190%	\$ 30,625	\$ 2,916	\$ 9,330	228%
Wolcott Mill	\$ -	\$ 20	\$ 173	-	\$ 1,828	\$ 3,464	\$ 2,755	-34%
Wolcott Farm	\$ 243	\$ 1,249	\$ 985	-75%	\$ 16,820	\$ 4,373	\$ 20,650	-19%
Wagon Rides	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Livestock/Produce	\$ 1,324	\$ 3,569	\$ 2,886	-54%	\$ 19,258	\$ 25,261	\$ 25,836	-25%
FARM TOTAL	\$ 1,567	\$ 4,818	\$ 3,871	-60%	\$ 36,078	\$ 29,634	\$ 46,485	-22%
Stony Creek	\$ 322	\$ 715	\$ 751	-57%	\$ 9,924	\$ 3,465	\$ 7,050	41%
Eastern Mobile Center	\$ 1,788	\$ 1,075	\$ 633	182%	\$ 10,657	\$ 1,075	\$ 4,184	155%
Indian Springs	\$ 40	\$ 407	\$ 357	-89%	\$ 7,972	\$ 3,588	\$ 8,466	257/259 -6%

HURON-CLINTON METROPARKS MONTHLY STATISTICS

July, 2023

Kens NC	\$ 325	\$ 2,185	\$ 1,801	-82%	\$ 27,552	\$ 7,093	\$ 11,648	137%
Kens Farm	\$ 998	\$ 4,417	\$ 3,202	-69%	\$ 40,101	\$ 25,090	\$ 27,414	46%
Wagon Rides	\$ 691	\$ 1,743	\$ 929	-26%	\$ 7,980	\$ 2,096	\$ 5,076	57%
Livestock/Produce	\$ -	\$ 940	\$ 569	-	\$ 9	\$ 940	\$ 1,597	-99%
FARM TOTAL	\$ 1,689	\$ 7,100	\$ 4,700	-64%	\$ 48,090	\$ 28,126	\$ 34,088	41%
Western Mobile Center	\$ 1,925	\$ 1,824	\$ 1,183	63%	\$ 8,818	\$ 1,824	\$ 6,843	29%
Hudson Mills	\$ 1,000	\$ 235	\$ 229	337%	\$ 17,378	\$ 7,200	\$ 6,321	175%
Oakwoods	\$ 455	\$ 422	\$ 442	3%	\$ 4,325	\$ 2,884	\$ 6,623	-35%
Lake Erie	\$ 703	\$ 467	\$ 458	53%	\$ 6,615	\$ 2,343	\$ 3,402	94%
Southern Mobile Center	\$ -	\$ -	\$ 392	-	\$ 7,388	\$ -	\$ 4,873	52%
Totals	\$ 13,610	\$ 20,468	\$ 16,297	-16%	\$ 217,249	\$ 93,613	\$ 152,068	43%

HURON-CLINTON METROPARKS MONTHLY STATISTICS

July, 2023

BREAKDOWN OF ATTENDANCE	ON-SITE Programs and Attendance				OFF-SITE Programs and Attendance			
	CURRENT YEAR		PREVIOUS YEAR		CURRENT YEAR		PREVIOUS YEAR	
	Programs	Attendance	Programs	Attendance	Programs	Attendance	Programs	Attendance
Lake St Clair	18	621	18	334	3	51	2	2,050
Wolcott Mill	-	-	1	30	-	-	-	-
Wolcott Farm	15	416	18	528	4	885	1	32
Stony Creek	44	532	42	602	-	-	-	-
Eastern Mobile Center					9	1,559	16	6,053
Indian Springs	6	70	10	234	-	-	-	-
Kens NC	28	434	26	532	-	-	4	84
Kens Farm	79	321	108	801	-	-	-	-
Western Mobile Center					20	539	12	352
Hudson Mills	4	90	4	54	2	31	1	19
Oakwoods	10	252	16	181	6	682	3	45
Lake Erie	12	187	21	190	5	430	6	301
Southern Mobile Center					41	3,952	54	3,579
Totals	216	2,923	264	3,486	90	8,129	99	12,515

BREAKDOWN OF ATTENDANCE	OTHER VISITORS (Non-programs)	
	Current	Previous
Lake St Clair	19,477	21,319
Wolcott Mill	3,681	1,058
Wolcott Farm	4,341	4,578
Stony Creek	16,500	16,500
Indian Springs	5,694	6,825
Kens NC	29,265	23,727
Kens Farm	25,671	27,162
Hudson Mills	3,500	3,500
Oakwoods	-	14,925
Lake Erie	-	15,772
Totals	108,129	135,366

"ON-SITE" - Statistics includes both programs offered to the public and programs offered to school and scout groups.

"OFF-SITE" - Statistics includes outreach programs at schools, special events such as local fairs, or outdoor related trade shows.

"OTHER VISITORS" - Represents patrons to interpretive centers who visit to view exhibits, walk trails, and generally just enjoy the outdoors.