

AMENDED AGENDA
Huron-Clinton Metropolitan Authority
Board of Commission Meeting
August 13, 2015 – 10:30 a.m.
Lake St. Clair Metropark – Thomas Welsh Activity Center

1. Chairman's Statement
2. Public Participation
3. Minutes – July 9, 2015 Regular Meeting
4. Approval – August 13, 2015 Agenda

Consent Agenda

5. **Approval – August 13, 2015 Consent Agenda**
 - a. Financial Statements and Payment Register (Vouchers) – July 2015 (pg. 1)
 - b. Purchases
 1. Staff Vehicles, Administrative Office, Kensington and Lower Huron Metroparks (pg. 59)
 2. Road Salt, various locations (pg. 61)
 - c. Update – Purchases over \$10,000 (pg. 63)
 - d. Bids – Farm Center Parking Lot Redevelopment, Wolcott Mill Metropark (pg. 65)
 - e. Bids – Historic Center Restoration and Painting, Wolcott Mill Metropark (pg. 67)
 - f. Approval – Professional Services Agreement, Boat Launch Ramp Replacement, Kensington and Stony Creek Metroparks (pg. 69)
 - g. Bids – Environmental Center Exterior Staining, Indian Springs Metropark (pg. 89)

Regular Agenda

6. Legislative Report (pg. 91)
7. **Reports**
 - A. *Administrative Office*
 1. Approval – 2016 Fees and Charges (pg. 93)
 2. Approval – 457 Deferred Compensation Plan Provider Recommendation (pg. 115)
 3. Approval – Retiree Health Care Trust Valuation and Contribution/Pension Contribution (pg. 125)
 4. Approval – Benefit Enrollment Portal and Insurance Broker Change (pg. 127)
8. **Closed Session** – To consider a written legal opinion from outside counsel within the Attorney-Client privilege. *Section 8 (h) of the Michigan Open Meetings Act. M.C.L. 15.268 (h)*
9. **Other Business**
 1. Approval – 2015 Deer Management Report and Plan Update (pg. 149)
 2. Board Discussion – Partnership Opportunities
 3. Board Discussion – Committee for Land Acquisition/Divestiture
 4. Board Discussion – Volunteer Services Supervisor Position

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- 10. Staff Officer Update
- 11. Commissioner Comments
- 12. Motion to Adjourn

A combined *Pension Committee and Retiree Health Care Trust* meeting will take place **prior** to the Thursday, Aug. 13, 2015 Board meeting beginning at **9:00 a.m.** at Lake St. Clair Metropark at the Thomas Welsh Activity Center.

The next regular Board of Commissioners meeting will take place:
Thursday, Sept. 10, 2015 – 10:30 a.m.
Willow Metropark Food Bar



HURON-CLINTON METROPOLITAN AUTHORITY

To: Board of Commissioners
From: Rebecca Franchock, Controller
Subject: Financial Statements and Payment Register – July 2015
Date: Aug. 4, 2015

Action Requested: Motion to Approve

That the Board of Commissioners' approve the Financial Statements and Payment Register (Vouchers) for July 2015 as recommended by Controller Rebecca Franchock and staff.



HURON-CLINTON METROPOLITAN AUTHORITY **General Fund** **Changes in Fund Balance**

	Original 2015 Budget	Projected 12/31/2015	Favorable (Unfavorable) Variance	Actual 7/31/15
Revenues				
Property taxes	\$ 28,137,700	\$ 28,317,700	\$ 180,000	\$ 28,196,153
Park operations	16,670,700	16,897,750	227,050	11,429,124
Grants	648,000	858,000	210,000	69,322
Donations	330,000	230,000	(100,000)	56,198
Interest	100,000	150,000	50,000	40,795
Miscellaneous	150,000	650,000	500,000	648,064
Proceeds from sale of capital assets	25,000	190,000	165,000	187,670
Total revenues	46,061,400	47,293,450	1,232,050	40,627,326
Expenditures				
Undistributed Expenses	-	-	-	590,031
Capital improvements	9,820,800	9,248,391	572,409	1,857,661
Major maintenance	5,071,000	4,859,897	211,103	452,498
Park operations	30,238,400	31,452,125	(1,213,725)	16,733,354
Administrative office	8,476,600	6,942,831	1,533,769	3,360,342
Total expenditures	53,606,800	52,503,244	1,103,556	22,993,886
Net changes in fund balance	\$ (7,545,400)	\$ (5,209,794)	\$ 2,335,606	\$ 17,633,440
Fund balance, beginning of year	36,680,186	36,680,186		
Fund balance, end of year	\$ 29,134,786	\$ 31,470,392		



General Fund Balance Sheet

Through 07/31/15
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>CASH</i>				
Comerica Savings NI	999,550.81	999,832.32	(281.51)	(.03)
Comerica Bank/Park Acct (LSC)	51,183.59	3,577.13	47,606.46	1,330.86
PNC Bank (KMP)	77,859.70	30,416.55	47,443.15	155.98
PNC Bank (W/LH)	80,218.62	17,132.00	63,086.62	368.24
PNC Bank (HM/IS)	95,114.63	26,679.05	68,435.58	256.51
Huntington Banks Of Mich (SC)	55,938.57	19,941.72	35,996.85	180.51
Comerica Bank/Park Acct (LE)	31,467.63	9,765.09	21,702.54	222.25
Comerica Bank/Operating	3,551,104.37	1,433,135.15	2,117,969.22	147.79
Petty Cash	3,450.00	3,450.00	.00	.00
Change Funds	78,362.50	64,800.00	13,562.50	20.93
Imprest Funds-Beverage	23,000.00	35,000.00	(12,000.00)	(34.29)
Comerica Flexible Spending Account	34,038.16	25,277.48	8,760.68	34.66
Benefit Bank Flexible Spending Account-Debit	2,057.71	1,458.60	599.11	41.07
<i>CASH Totals</i>	\$5,083,346.29	\$2,670,465.09	\$2,412,881.20	90.35%
<i>INVESTMENTS</i>				
Talmer Bank CD	5,000,000.00	1,000,000.00	4,000,000.00	400.00
Flagstar Bank/C.D.	2,000,000.00	2,000,000.00	.00	.00
Michigan First Credit Union/C.D.	1,000,118.82	2,000,118.82	(1,000,000.00)	(50.00)
Public Service Credit Union	4,014,367.69	2,004,049.85	2,010,317.84	100.31
Huntington Banks/C.D.	2,000,000.00	2,000,000.00	.00	.00
The Private Bank/C.D.	4,000,000.00	3,506,411.92	493,588.08	14.08
1St State Bank/C.D.	1,000,000.00	2,000,000.00	(1,000,000.00)	(50.00)
Comerica-Business Money Market	14,048,015.07	20,778,020.28	(6,730,005.21)	(32.39)
U S TREASURY/AGENCIES	15,000,000.00	14,000,000.00	1,000,000.00	7.14
<i>INVESTMENTS Totals</i>	\$48,062,501.58	\$49,288,600.87	(\$1,226,099.29)	(2.49%)



General Fund Balance Sheet

Through 07/31/15
Summary Listing

TAXES RECEIVABLE - COUNTIES

Livingston County	1,804.91	15,174.96	(13,370.05)	(88.11)
Macomb County	40,728.65	6,747.21	33,981.44	503.64
Oakland County	(87,288.75)	(78,546.69)	(8,742.06)	(11.13)
Washtenaw County	(10,444.78)	156,122.11	(166,566.89)	(106.69)
Wayne County	1,188,654.45	682,115.20	506,539.25	74.26
	\$1,133,454.48	\$781,612.79	\$351,841.69	45.01%

TAXES RECEIVABLE - COUNTIES Totals

OTHER ASSETS

Accounts Receivable-Other	68,899.70	(8.59)	68,908.29	802,191.97
Due From Other Funds	44,030.49	2,156.67	41,873.82	1,941.60
Due From Grants	.00	154,482.41	(154,482.41)	(100.00)
Prepaid Expenditures	63,484.78	142.49	63,342.29	44,453.85
Self Insurance Retention Deposit	161,132.81	130,853.03	30,279.78	23.14
Warehouse Control	182,038.85	180,914.96	1,123.89	.62

OTHER ASSETS Totals

ASSETS Totals	\$519,586.63	\$468,540.97	\$51,045.66	10.89%
ASSETS Totals	\$54,798,888.98	\$53,209,219.72	\$1,589,669.26	2.99%
ASSETS TOTALS	\$54,798,888.98	\$53,209,219.72	\$1,589,669.26	2.99%

LIABILITIES AND FUND EQUITY

LIABILITIES

CURRENT LIABILITIES

Deferred Operating Revenue	93,613.94	85,615.69	7,998.25	9.34
Vouchers Payable	(179,268.49)	180.00	(179,448.49)	(99,693.61)
Deposits Payable	770.00	780.00	(10.00)	(1.28)
Acc Payroll/Benefits Pay	492,656.05	(176.92)	492,832.97	278,562.61
Due To	4,363.55	(597.76)	4,961.31	829.98
Social Security Tax Pay	.00	74.75	(74.75)	(100.00)
Union Dues Payable	1,475.70	1,584.00	(108.30)	(6.84)
Deferred Compensation Payable	10,566.81	10,162.02	404.79	3.98
HMCP Foundation	260.00	50.00	210.00	420.00
State Sales Tax Payable	27,464.54	.00	27,464.54	+++
Deferred Revenue	173,529.94	.00	173,529.94	+++
Flexible Spending Account-Dep Care W/H	14,212.43	6,861.26	7,351.17	107.14



General Fund Balance Sheet

Through 07/31/15
Summary Listing

Flexible Spending Account-Health W/H	2,235.51	226.89	2,008.62	885.28
Emp DC Pension Contribution Payable	210.06	133.41	76.65	57.45
Seas DC ICMA Pens Plan	5,662.53	7,949.67	(2,287.14)	(28.77)
Voluntary Dependent Life	10,723.68	8,485.98	2,237.70	26.37
<i>CURRENT LIABILITIES Totals</i>	\$658,476.25	\$121,328.99	\$537,147.26	442.72%
<i>LIABILITIES Totals</i>	\$658,476.25	\$121,328.99	\$537,147.26	442.72%
LIABILITIES TOTALS	\$658,476.25	\$121,328.99	\$537,147.26	442.72%
FUND EQUITY				
<i>FUND BALANCE</i>				
<i>NONSPENDABLE FUND BALANCE</i>				
Inventory	198,264.00	.00	198,264.00	+++
Prepaid	300,515.00	.00	300,515.00	+++
	\$498,779.00	\$0.00	\$498,779.00	+++
<i>NONSPENDABLE FUND BALANCE Totals</i>				
<i>ASSIGNED FUND BALANCE</i>				
Compensated Balances	3,827,206.00	3,645,928.00	181,278.00	4.97
Retiree Health Care Annual Required Contribution	3,500,000.00	.00	3,500,000.00	+++
Pension Contribution	3,200,000.00	.00	3,200,000.00	+++
Technology Upgrade	622,900.00	622,900.00	.00	.00
Lake St Clair Marina Grant Reserve	185,994.67	138,856.15	47,138.52	33.95
	\$11,336,100.67	\$4,407,684.15	\$6,928,416.52	157.19%
<i>ASSIGNED FUND BALANCE Totals</i>				
<i>COMMITTED FUND BALANCE</i>				
Land	5,403,900.00	5,403,900.00	.00	.00
Legal Claims	503,120.58	500,835.52	2,285.06	.46
Capital Projects	3,307,140.00	6,692,780.00	(3,385,640.00)	(50.59)
Reserve For Restricted Funds	580,711.00	.00	580,711.00	+++
	\$9,794,871.58	\$12,597,515.52	(\$2,802,643.94)	(22.25%)
<i>COMMITTED FUND BALANCE Totals</i>				
<i>UNASSIGNED FUND BALANCE</i>				
Reserve Future Contingent.	15,050,435.05	18,889,335.42	(3,838,900.37)	(20.32)
	\$15,050,435.05	\$18,889,335.42	(\$3,838,900.37)	(20.32%)
<i>UNASSIGNED FUND BALANCE Totals</i>				
<i>FUND BALANCE Totals</i>	\$36,680,186.30	\$35,894,535.09	\$785,651.21	2.19%
FUND EQUITY TOTALS Prior to Current Year	\$36,680,186.30	\$35,894,535.09	\$785,651.21	2.19%
Prior Year Fund Equity	.00			



General Fund Balance Sheet

Through 07/31/15
Summary Listing

Fund Revenues	(40,627,326.02)				
Fund Expenses	23,167,099.59				
	FUND EQUITY TOTALS				
		\$54,140,412.73	\$35,894,535.09	\$18,245,877.64	50.83%
	LIABILITIES AND FUND EQUITY				
		\$54,798,888.98	\$36,015,864.08	\$18,783,024.90	52.15%
Fund 10 - General Fund	Totals	\$0.00	\$17,193,355.64	(\$17,193,355.64)	(100.00%)
Fund Type	General Fund	\$0.00	\$17,193,355.64	(\$17,193,355.64)	(100.00%)
Fund Category	Governmental Funds	\$0.00	\$17,193,355.64	(\$17,193,355.64)	(100.00%)
	Grand Totals	\$0.00	\$17,193,355.64	(\$17,193,355.64)	(100.00%)



Revenue Budget Performance Report

Fiscal Year to Date 07/31/15

Include Rollup Account and Rollup to Account

Account	Account Description	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% used/ Rec'd	Prior Year YTD
Fund 10 - General Fund								
Function 8 - Operations								
REVENUE								
<i>Revenue</i>								
4300	Revenue-Self Operated	16,677,800.00	3,766,754.12	.00	11,332,676.09	5,345,123.91	68	10,970,964.07
4301	Revenue-Concessionaire	186,300.00	44,546.33	.00	86,742.76	99,557.24	47	.00
4302	Non-taxable Food/Sundry sales	.00	9,705.00	.00	9,705.00	(9,705.00)	++	.00
<i>Revenue Totals</i>		\$16,864,100.00	\$3,821,005.45	\$0.00	\$11,429,123.85	\$5,434,976.15	68%	\$10,970,964.07
REVENUE TOTALS		\$16,864,100.00	\$3,821,005.45	\$0.00	\$11,429,123.85	\$5,434,976.15	68%	\$10,970,964.07
Function 8 - Operations Totals								
Function 8 - Operations								
REVENUE								
<i>Revenue</i>								
4200	Property Tax-Current	28,225,521.63	3,598.25	.00	28,224,824.23	697.40	100	27,850,032.70
4210	Property Tax Prior	197,472.23	(227,922.48)	.00	(28,671.46)	226,143.69	-15	(45,091.31)
4300	Revenue-Self Operated	480,000.00	601,370.13	.00	688,224.37	(208,224.37)	143	83,849.72
4301	Revenue-Concessionaire	.00	6,000.00	.00	6,037.50	(6,037.50)	++	.00
4400	Grant Revenue	648,000.00	35,227.89	.00	79,321.89	568,678.11	12	30,635.41
4500	Interest Income	100,000.00	(613.24)	.00	40,795.40	59,204.60	41	54,052.74
5000	Sale of Capital Assets	185,000.00	452.00	.00	187,670.24	(2,670.24)	101	.00
<i>Revenue Totals</i>		\$29,835,993.86	\$418,112.55	\$0.00	\$29,198,202.17	\$637,791.69	98%	\$27,973,479.26
REVENUE TOTALS		\$29,835,993.86	\$418,112.55	\$0.00	\$29,198,202.17	\$637,791.69	98%	\$27,973,479.26
Function 9 - Administration Totals								
Function 9 - Administration								
REVENUE								
<i>Revenue</i>								
Function 9 - Administration Totals		\$29,835,993.86	\$418,112.55	\$0.00	\$29,198,202.17	\$637,791.69	98%	\$27,973,479.26
Fund 10 - General Fund Totals		\$46,700,093.86	\$4,239,118.00	\$0.00	\$40,627,326.02	\$6,072,767.84		\$38,944,443.33
Grand Totals		\$46,700,093.86	\$4,239,118.00	\$0.00	\$40,627,326.02	\$6,072,767.84		\$38,944,443.33



Revenue Budget by Organization Report

Through 07/31/15
Prior Fiscal Year Activity Included
Summary Listing

Organization		Amended	Current Month	YTD	YTD	Budget - YTD	% used/	Prior Year YTD
Fund 10 - General Fund		Budget	Transactions	Encumbrance	Transactions	Transactions	Rec'd	
REVENUE								
Function 8 - Operations								
Location 100 - Administrative Office								
Activity	380 - Outside Lease /Rent	133,400.00	7,082.16	.00	98,212.47	35,187.53	74	94,006.67
Activity	590 - Tolling	40,000.00	678.00	.00	46,264.00	(6,264.00)	116	38,359.00
Activity	710 - Administrative	100.00	.00	.00	.00	100.00	0	.00
Activity	89 - In Kind Advertising Rev	.00	.00	.00	.00	.00	+++	.00
Activity	990 - General	.00	.00	.00	.00	.00	+++	.00
Location 100 - Administrative Office		\$173,500.00	\$7,760.16	\$0.00	\$144,476.47	\$29,023.53	83%	\$132,365.67
Location 102 - Lake St. Clair								
Activity	30 - Locker Rentals	.00	.00	.00	.00	.00	+++	4,254.45
Activity	51 - Food Service	.00	.00	.00	.00	.00	+++	12,352.54
Activity	53 - Bathhouse /Pool	.00	.00	.00	.00	.00	+++	113,628.83
Activity	531 - Pool	176,200.00	108,719.60	.00	144,253.12	31,946.88	82	.00
Activity	538 - Beach	.00	4,282.53	.00	4,925.30	(4,925.30)	+++	.00
Activity	540 - Dockage/Boat Storage	110,000.00	26,786.66	.00	65,066.67	44,933.33	59	51,552.68
Activity	590 - Tolling	1,224,000.00	280,377.66	.00	893,171.66	330,828.34	73	891,767.38
Activity	60 - Sundries	.00	.00	.00	.00	.00	+++	2,119.53
Activity	630 - Activity Center Rental	56,500.00	6,713.93	.00	32,944.85	23,555.15	58	10,750.00
Activity	640 - Shelter Reservations	70,000.00	7,350.00	.00	56,485.00	13,515.00	81	52,345.00
Activity	655 - Par 3 /Foot Golf	75,700.00	15,543.59	.00	34,417.96	41,282.04	45	31,222.21
Activity	660 - Adventure Golf	35,000.00	10,355.80	.00	21,024.80	13,975.20	60	22,262.32
Activity	670 - Trackless Train	12,000.00	3,618.70	.00	6,462.75	5,537.25	54	5,137.55
Activity	700 - Special Events	40,000.00	3,200.00	.00	4,690.00	35,310.00	12	6,765.00
Activity	880 - Interpretive Center /Mill	22,000.00	2,873.75	.00	20,658.75	1,341.25	94	16,352.00
Activity	990 - General	27,900.00	(470.35)	.00	3,918.05	23,981.95	14	1,226.68
Activity	991 - Joint Government Maint	182,600.00	.00	.00	190,764.48	(8,164.48)	104	.00
Location 102 - Lake St. Clair Totals		\$2,031,900.00	\$469,351.87	\$0.00	\$1,478,783.39	\$553,116.61	73%	\$1,221,736.17
Location 104 - Kensington								
Activity	37 - Interpretive Program	.00	.00	.00	.00	.00	+++	62,591.62



Revenue Budget by Organization Report

Through 07/31/15
Prior Fiscal Year Activity Included
Summary Listing

Organization	Activity	Amended Budget		Current Month		YTD		YTD		Budget - YTD		% used/ Rec'd	Prior Year YTD
		Budget		Transactions	Encumbrance	Transactions		Transactions		Transactions			
	Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++	49,372.64
	Activity	231,800.00	117,323.00	117,323.00	.00	163,677.00	.00	163,677.00	68,123.00	71	131,907.84		
	Activity	10,000.00	1,047.49	(350.00)	.00	1,314.17	.00	8,525.00	37,875.00	13	12,275.00		
	Activity	46,400.00	84,119.00	14,904.50	.00	24,134.50	.00	24,134.50	82,823.02	63	142,505.92		
	Activity	225,000.00	11,600.00	1,247.80	.00	6,535.09	.00	6,535.09	(5,235.09)	503	.00		
	Activity	48,300.00	1,724,000.00	1,450.00	.00	3,450.00	.00	3,450.00	(3,450.00)	+++	.00		
	Activity	.00	.00	.00	.00	.00	.00	.00	.00	+++	10,824.90		
	Activity	1,300.00	91,200.00	10,650.00	.00	83,425.00	.00	83,425.00	7,775.00	91	75,545.00		
	Activity	903,300.00	169,837.17	11,615.42	.00	508,474.16	.00	508,474.16	394,825.84	56	381,392.39		
	Activity	76,650.00	11,615.42	1,630.00	.00	56,274.79	.00	56,274.79	20,375.21	73	43,238.46		
	Activity	11,600.00	2,745.06	2,745.06	.00	19,841.82	.00	19,841.82	11,408.18	63	.00		
	Activity	31,250.00	24,534.47	1,637.50	.00	13,453.25	.00	13,453.25	6,546.75	67	.00		
	Activity	157,800.00	3,302.84	3,302.84	.00	12,552.93	.00	12,552.93	12,947.07	49	11,581.62		
	Activity	20,000.00	3,400.00	.00	.00	.00	.00	.00	3,400.00	0	.00		
	Activity	25,500.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
	Activity	3,400.00	\$3,619,100.00	\$770,884.25	\$0.00	\$2,578,577.46	\$1,040,522.54	\$1,040,522.54	71%	\$2,359,464.65			
Location 104 - Kensington Totals													
Location 106 - Lower Huron / Will / Oakwoods													
	Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++	129,973.69
	Activity	136,900.00	50,948.28	423,485.41	.00	68,390.52	.00	68,390.52	68,509.48	50	46,138.96		
	Activity	890,100.00	2,216.59	2,216.59	.00	4,258.40	.00	4,258.40	325,807.60	63	485,036.83		
	Activity	6,000.00	.00	.00	.00	.00	.00	.00	1,741.60	71	3,817.50		
	Activity	.00	.00	.00	.00	.00	.00	.00	.00	+++	39,683.25		
	Activity	.00	.00	.00	.00	.00	.00	.00	.00	+++	2,772.00		
	Activity	845,000.00	222,678.00	222,678.00	.00	579,199.00	.00	579,199.00	265,801.00	69	608,332.59		



Revenue Budget by Organization Report

Through 07/31/15
Prior Fiscal Year Activity Included
Summary Listing

Organization		Amended Budget	Current Month		YTD	YTD Transactions	Budget - YTD		% used/ Rec'd	Prior Year YTD
			Transactions	Encumbrance			Transactions	Encumbrance		
Location 106 - Lower Hudson Mills/Dexter/Delhi	Activity	60 - Sundries	.00	.00	.00	.00	.00	.00	+++	11,024.75
	Activity	610 - Family Camping	12,000.00	3,293.28	.00	13,037.55	(1,037.55)	109	6,640.00	
	Activity	615 - Group Camping	.00	34.72	.00	1,525.78	(1,525.78)	+++	.00	
	Activity	640 - Shelter Reservations	78,000.00	6,750.00	.00	46,375.00	31,625.00	59	48,300.00	
	Activity	650 - Golf Course	553,100.00	120,174.83	.00	341,089.56	212,010.44	62	300,178.50	
	Activity	655 - Par 3/Foot Golf	48,000.00	8,161.19	.00	19,956.50	28,043.50	42	20,083.50	
	Activity	700 - Special Events	.00	2,116.77	.00	6,518.65	(6,518.65)	+++	.00	
	Activity	880 - Interpretive Center /Mill	25,200.00	1,217.83	.00	10,551.45	14,648.55	42	10,146.00	
	Activity	990 - General	7,000.00	487.56	.00	(381.84)	7,381.84	-5	3,894.03	
				\$2,601,300.00	\$841,564.46	\$0.00	\$1,654,812.97	\$946,487.03	64%	\$1,716,021.60
Location 108 - Hudson Mills/Dexter/Delhi	Activity	51 - Food Service	.00	.00	.00	.00	.00	+++	32,137.86	
	Activity	537 - Ripslide	25,000.00	12,498.43	.00	21,281.68	3,718.32	85	39.50	
	Activity	550 - Boat Rental	27,800.00	1,819.05	.00	3,077.70	24,722.30	11	7,057.50	
	Activity	57 - Resale-Alcoholic	.00	.00	.00	.00	.00	+++	12,564.00	
	Activity	580 - Cross Country Skiing	8,500.00	.00	.00	6,410.00	2,090.00	75	12,576.00	
	Activity	590 - Tolling	474,000.00	66,490.00	.00	307,717.00	166,283.00	65	340,232.32	
	Activity	60 - Sundries	.00	.00	.00	.00	.00	+++	5,185.00	
	Activity	615 - Group Camping	3,500.00	418.20	.00	2,350.35	1,149.65	67	.00	
	Activity	62 - Games /Equipment Rental	.00	.00	.00	.00	.00	+++	.00	
	Activity	635 - Mobile Stage	2,000.00	.00	.00	.00	2,000.00	0	.00	
Location 108 - Hudson Mills/Dexter/Delhi	Activity	640 - Shelter Reservations	25,000.00	1,625.00	.00	16,850.00	8,150.00	67	18,425.00	
	Activity	650 - Golf Course	362,000.00	77,694.94	.00	231,544.29	130,455.71	64	187,151.51	
	Activity	660 - Adventure Golf	32,300.00	4,643.34	.00	29,662.65	2,637.35	92	21,464.00	
	Activity	700 - Special Events	1,500.00	5,117.00	.00	8,201.00	(6,701.00)	547	3,100.00	
	Activity	880 - Interpretive Center /Mill	18,300.00	638.00	.00	11,296.14	7,003.86	62	9,530.40	
	Activity	990 - General	25,700.00	9,537.56	.00	22,007.93	3,692.07	86	9,001.72	
				\$1,005,600.00	\$180,481.52	\$0.00	\$660,398.74	\$345,201.26	66%	\$658,464.81
	Location 109 - Stony Creek									
		Activity	51 - Food Service	.00	.00	.00	.00	.00	+++	64,370.51

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Revenue Budget by Organization Report

Through 07/31/15
Prior Fiscal Year Activity Included
Summary Listing

Organization	Activity	Amended Budget		Current Month		YTD		YTD		Budget - YTD		% used/ Rec'd	Prior Year YTD
		Budget	.00	Transactions	.00	Encumbrance	.00	Transactions	.00	Transactions	.00		
	53 - Bathroom/Pool	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++	68,751.00
	537 - Ripslide	120,000.00		60,347.00				86,755.00		33,245.00		72	.00
	538 - Beach	49,400.00		23,225.52				30,718.11		18,681.89		62	20,578.49
	540 - Dockage/Boat Storage	38,000.00		898.50				26,223.50		11,776.50		69	27,185.00
	550 - Boat Rental	146,900.00		61,244.34				110,848.46		36,051.54		75	94,917.03
	57 - Resale-Alcoholic	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++	48,248.75
	580 - Cross Country Skiing	12,900.00		2,665.00				14,248.47		(1,348.47)		110	20,335.00
	590 - Tolling	1,826,000.00		306,083.00				1,323,385.00		502,615.00		72	1,391,787.07
	60 - Sundries	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++	13,469.56
	610 - Family Camping	28,000.00		5,286.72				20,293.97		7,706.03		72	9,460.00
	630 - Activity Center Rental	53,400.00		9,323.86				25,920.80		27,479.20		49	17,900.00
	635 - Mobile Stage	.00	.00	2,400.00				7,500.00		(7,500.00)		+++	.00
	640 - Shelter Reservations	80,000.00		7,000.00				60,000.00		20,000.00		75	61,170.00
	650 - Golf Course	1,004,700.00		175,076.85				523,874.78		480,825.22		52	472,678.35
	660 - Adventure Golf	68,300.00		9,840.64				43,738.18		24,561.82		64	29,768.99
	700 - Special Events	13,000.00		712.00				16,167.00		(3,167.00)		124	7,725.00
	880 - Interpretive Center / Mill	27,000.00		4,003.09				18,718.87		8,281.13		69	15,661.96
	990 - General	7,500.00		135.26				3,212.93		4,287.07		43	7,935.00
	991 - Joint Government Maint	18,300.00		.00				18,260.00		40.00		100	.00
Location 109 - Stony Creek Totals		\$3,493,400.00		\$668,241.78		\$0.00		\$2,329,865.07		\$1,163,534.93		67%	\$2,371,941.71
Location 112 - Lake Erie													
	51 - Food Service	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++	66,924.04
	531 - Pool	255,700.00		133,517.14				180,931.28		74,768.72		71	141,905.76
	540 - Dockage/Boat Storage	180,200.00		35,252.89				108,280.76		71,919.24		60	117,063.00
	57 - Resale-Alcoholic	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++	41,121.50
	590 - Tolling	479,000.00		95,607.00				358,825.00		120,175.00		75	367,017.65
	60 - Sundries	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++	7,940.40
	62 - Games/Equipment Rental	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++	.00
	640 - Shelter Reservations	17,500.00		2,500.00				13,400.00		4,100.00		77	12,850.00
	650 - Golf Course	575,100.00		123,682.51				373,430.41		201,669.59		65	305,531.65



Revenue Budget by Organization Report

Through 07/31/15
Prior Fiscal Year Activity Included
Summary Listing

Organization		Amended Budget	Current Month Transactions	YTD Encumbrance	YTD Transactions	Budget - YTD Transactions	% used/ Rec'd	Prior Year YTD
Activity	700 - Special Events	900.00	1,450.00	.00	2,267.00	(1,367.00)	252	.00
	880 - Interpretive Center / Mill	9,500.00	654.80	.00	8,244.59	1,255.41	87	5,097.00
	990 - General	8,700.00	214.26	.00	300.36	8,399.64	3	2,521.85
Location 112 - Lake Erie Totals		\$1,526,600.00	\$392,878.60	\$0.00	\$1,045,679.40	\$480,920.60	68%	\$1,067,972.85
Location 113 - Wolcott								
Activity	37 - Interpretive Program	.00	.00	.00	.00	.00	+++	40,535.71
Activity	590 - Tolling	4,000.00	90.00	.00	1,289.00	2,711.00	32	3,120.00
Activity	60 - Sundries	.00	.00	.00	.00	.00	+++	9,181.25
Activity	615 - Group Camping	.00	220.00	.00	4,957.00	(4,957.00)	+++	.00
Activity	630 - Activity Center Rental	15,000.00	800.00	.00	12,850.00	2,150.00	86	10,725.00
Activity	640 - Shelter Reservations	8,000.00	600.00	.00	4,400.00	3,600.00	55	(50.00)
Activity	650 - Golf Course	350,700.00	61,097.27	.00	184,210.45	166,489.55	53	180,077.36
Activity	700 - Special Events	600.00	800.00	.00	3,707.00	(3,107.00)	618	268.00
Activity	880 - Interpretive Center / Mill	27,800.00	70,901.91	.00	81,416.24	(53,616.24)	293	.00
Activity	881 - Farm Learning Center	144,600.00	4,325.40	.00	68,744.89	75,855.11	48	34,732.82
Activity	990 - General	7,000.00	.00	.00	216.00	6,784.00	3	11,420.00
Location 113 - Wolcott Totals		\$557,700.00	\$138,834.58	\$0.00	\$361,790.58	\$195,909.42	65%	\$290,010.14
Location 115 - Indian Springs								
Activity	51 - Food Service	.00	.00	.00	.00	.00	+++	58,358.85
Activity	535 - Sprayzone	.00	.00	.00	.00	.00	+++	.00
Activity	57 - Resale-Alcoholic	.00	.00	.00	.00	.00	+++	27,619.07
Activity	590 - Tolling	230,000.00	38,704.00	.00	184,034.00	45,966.00	80	182,442.65
Activity	60 - Sundries	.00	.00	.00	.00	.00	+++	5,697.25
Activity	630 - Activity Center Rental	70,000.00	9,424.00	.00	39,902.00	30,098.00	57	37,050.00
Activity	640 - Shelter Reservations	8,900.00	900.00	.00	6,475.00	2,425.00	73	8,225.00
Activity	650 - Golf Course	677,100.00	141,731.97	.00	407,042.89	270,057.11	60	345,162.40
Activity	700 - Special Events	.00	.00	.00	.00	.00	+++	.00
Activity	880 - Interpretive Center / Mill	.00	.00	.00	49.18	(49.18)	+++	.00
Activity	883 - Environmental Disc Ctr	90,700.00	12,390.86	.00	44,302.29	46,397.71	49	24,944.80
Activity	990 - General	.00	76.77	.00	324.01	(324.01)	+++	.00



Revenue Budget by Organization Report

Through 07/31/15
Prior Fiscal Year Activity Included
Summary Listing

Organization		Amended		Current Month		YTD		YTD		Budget - YTD		Rec'd	Prior Year YTD
		Budget		Transactions	Encumbrance	Transactions	Encumbrance	Transactions	Encumbrance	Transactions	Encumbrance		
Location	115 - Indian Springs	Totals	\$1,076,700.00	\$203,227.60	\$0.00	\$682,129.37	\$0.00	\$394,570.63	\$0.00	63%	\$689,500.02		
Location	116 - Huron Meadows												
Activity	51 - Food Service		.00	.00	.00	.00	.00	.00	.00	+++	30,281.38		
Activity	550 - Boat Rental		.00	.00	.00	.00	.00	.00	.00	+++	3,815.00		
Activity	57 - Resale-Alcoholic		.00	.00	.00	.00	.00	.00	.00	+++	17,106.50		
Activity	580 - Cross Country Skiing		25,300.00	.00	.00	24,699.86	.00	600.14	.00	98	22,581.43		
Activity	590 - Tolling		76,000.00	2,554.00	.00	44,168.00	.00	31,832.00	.00	58	42,270.00		
Activity	60 - Sundries		.00	.00	.00	.00	.00	.00	.00	+++	4,058.00		
Activity	640 - Shelter Reservations		3,800.00	200.00	.00	4,400.00	.00	(600.00)	.00	116	2,800.00		
Activity	650 - Golf Course		673,000.00	145,026.63	.00	419,342.54	.00	253,657.46	.00	62	340,574.14		
Activity	700 - Special Events		.00	.00	.00	.00	.00	.00	.00	+++	.00		
Activity	990 - General		200.00	.00	.00	.00	.00	200.00	.00	0	.00		
Location	116 - Huron Meadows	Totals	\$778,300.00	\$147,780.63	\$0.00	\$492,610.40	\$0.00	\$285,689.60	\$0.00	63%	\$463,486.45		
Function	8 - Operations	Totals	\$16,864,100.00	\$3,821,005.45	\$0.00	\$11,429,123.85	\$0.00	\$5,434,976.15	\$0.00	68%	\$10,970,964.07		
Function	9 - Administration												
Location	100 - Administrative Office												
Activity	380 - Outside Lease/Rent		.00	.00	.00	.00	.00	.00	.00	+++	.00		
Activity	700 - Special Events		120,000.00	800.00	.00	24,250.00	.00	95,750.00	.00	20	.00		
Activity	990 - General		29,715,993.86	417,312.55	.00	29,173,952.17	.00	542,041.69	.00	98	27,973,479.26		
Location	100 - Administrative Office		\$29,835,993.86	\$418,112.55	\$0.00	\$29,198,202.17	\$0.00	\$637,791.69	\$0.00	98%	\$27,973,479.26		
Function	9 - Administration	Totals	\$29,835,993.86	\$418,112.55	\$0.00	\$29,198,202.17	\$0.00	\$637,791.69	\$0.00	98%	\$27,973,479.26		
REVENUE TOTALS			\$46,700,093.86	\$4,239,118.00	\$0.00	\$40,627,326.02	\$0.00	\$6,072,767.84	\$0.00	87%	\$38,944,443.33		
Fund	10 - General Fund	Totals	\$46,700,093.86	\$4,239,118.00	\$0.00	\$40,627,326.02	\$0.00	\$6,072,767.84	\$0.00		\$38,944,443.33		
Grand Totals			\$46,700,093.86	\$4,239,118.00	\$0.00	\$40,627,326.02	\$0.00	\$6,072,767.84	\$0.00		\$38,944,443.33		



Expense Budget Performance Report

Fiscal Year to Date 07/31/15

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 1 - Undistributed Expense								
EXPENSE								
<i>Undistributed Expenses</i>								
0000	Central Warehouse Stock							
0000.101	Central Warehouse Stock	.00	.00	956.18	1,816.01	(2,772.19)	+++	(2,194.50)
0000.102	Lake St Clair Whse Stock	.00	1,899.90	.00	1,581.63	(1,581.63)	+++	(3,656.72)
0000.108	Hudson Mills Whse Stock	.00	.00	122.16	147.79	(269.95)	+++	(400.91)
0000.109	Stony Creek Warehouse Stk	.00	903.20	.00	(330.42)	330.42	+++	(4,371.45)
0000.110	Willow Warehouse Stock	.00	313.88	.00	6,350.28	(6,350.28)	+++	(3,957.05)
0000.202	Lake St Clair Unif Stock	.00	.00	.00	2,301.70	(2,301.70)	+++	.00
0000.204	Kensington Uniform Stock	.00	.00	.00	(1,483.86)	1,483.86	+++	(310.00)
0000.206	Lower Huron Unif Stock	.00	.00	.00	3,468.05	(3,468.05)	+++	(2,138.05)
0000.209	Stony Creek Unif	.00	.00	.00	8,152.60	(8,152.60)	+++	758.85
0000.212	Lake Erie Uniform Stock	.00	.00	.00	865.50	(865.50)	+++	1,375.20
0000 - Central Warehouse Stock Totals								
		\$0.00	\$3,116.98	\$1,078.34	\$22,869.28	(\$23,947.62)	+++	(\$14,894.63)
7110	Undistributed 9013	.00	110,210.76	.00	921,267.97	(921,267.97)	+++	(264,855.04)
7120	Undistributed 4080 9023	.00	(339.18)	.00	(1,584.75)	1,584.75	+++	(156.99)
7210	Undistributed 9014	.00	(737,335.38)	.00	(361,587.38)	361,587.38	+++	(2,003,727.57)
7220	Undistributed 4080 9024	.00	(1,157.18)	.00	6,567.09	(6,567.09)	+++	11,515.90
7230	Undistributed Prov 9024	.00	(19,456.60)	.00	3,647.77	(3,647.77)	+++	(5,286.90)
7240	Undistributed Seas 9024	.00	(3,812.49)	.00	(1,149.40)	1,149.40	+++	3,014.83
<i>Undistributed Expenses Totals</i>								
		\$0.00	(\$648,773.09)	\$1,078.34	\$590,030.58	(\$591,108.92)	+++	(\$2,274,390.40)
EXPENSE TOTALS								
		\$0.00	(\$648,773.09)	\$1,078.34	\$590,030.58	(\$591,108.92)	+++	(\$2,274,390.40)
Function 1 - Undistributed Expense Totals								
		\$0.00	(\$648,773.09)	\$1,078.34	\$590,030.58	(\$591,108.92)	+++	(\$2,274,390.40)
Function 5 - Capital								
EXPENSE								
<i>Personnel Services</i>								
9010	Full Time Wages	552,800.00	24,325.30	.00	236,695.80	316,104.20	43	373,220.51
9013	FT Benefits Pd to Emps	.00	988.50	.00	8,092.50	(8,092.50)	+++	.00



Expense Budget Performance Report

Fiscal Year to Date 07/31/15

Include Rollup Account and Rollup to Account

Account	Account Description	Amended		Current Month		YTD		YTD		Budget - YTD		Rec'd	%	Prior Year YTD
		Budget		Transactions		Encumbrances		Transactions		Transactions				
9014	FT Benefits Pd for Emps	.00		15,350.50		.00		103,567.20		(103,567.20)		+++	63%	.00
<i>Personnel Services Totals</i>														
		\$552,800.00		\$40,664.30		\$0.00		\$348,355.50		\$204,444.50				\$373,220.51
<i>Contractual Services</i>														
9110	Operating Supplies	2,000.00		1,151.83		.00		2,739.10		(739.10)		137		.00
9130	Tools/Equipment	1,474,640.00		100,393.96		218,854.90		919,133.38		336,651.72		77		779,707.34
9410	Professional Services	189,700.00		5,843.00		64,792.00		58,701.87		66,206.13		65		.00
9420	Outside Services	2,530,900.00		195,859.51		1,521,366.90		528,730.86		480,802.24		81		2,337,477.50
9990	Unallocated Budget	5,741,300.00		.00		.00		.00		5,741,300.00		0		45,000.00
<i>Contractual Services Totals</i>														
		\$9,938,540.00		\$303,248.30		\$1,805,013.80		\$1,509,305.21		\$6,624,220.99		33%		\$3,162,184.84
EXPENSE TOTALS														
		\$10,491,340.00		\$343,912.60		\$1,805,013.80		\$1,857,660.71		\$6,828,665.49		35%		\$3,535,405.35
Function 5 - Capital														
		\$10,491,340.00		\$343,912.60		\$1,805,013.80		\$1,857,660.71		\$6,828,665.49		35%		\$3,535,405.35
Function 7 - Major Maintenance														
EXPENSE														
<i>Personnel Services</i>														
9010	Full Time Wages	226,800.00		15,594.24		.00		172,310.58		54,489.42		76		60,831.59
9013	FT Benefits Pd to Emps	.00		631.50		.00		1,911.00		(1,911.00)		+++		.00
9014	FT Benefits Pd for Emps	.00		8,578.10		.00		24,438.40		(24,438.40)		+++		.00
<i>Personnel Services Totals</i>														
		\$226,800.00		\$24,803.84		\$0.00		\$198,659.98		\$28,140.02		88%		\$60,831.59
<i>Contractual Services</i>														
9110	Operating Supplies	.00		.00		.00		98.08		(98.08)		+++		.00
9120	Maintenance Supplies	.00		.00		.00		240.97		(240.97)		+++		.00
9410	Professional Services	24,000.00		.00		14,900.00		.00		9,100.00		62		.00
9420	Outside Services	721,127.00		79,937.22		343,206.96		253,498.63		124,421.41		83		435,738.07
9990	Unallocated Budget	4,420,173.00		.00		.00		.00		4,420,173.00		0		.00
<i>Contractual Services Totals</i>														
		\$5,165,300.00		\$79,937.22		\$358,106.96		\$253,837.68		\$4,553,355.36		12%		\$435,738.07
EXPENSE TOTALS														
		\$5,392,100.00		\$104,741.06		\$358,106.96		\$452,497.66		\$4,581,495.38		15%		\$496,569.66
Function 7 - Major Maintenance														
		\$5,392,100.00		\$104,741.06		\$358,106.96		\$452,497.66		\$4,581,495.38		15%		\$496,569.66
Function 8 - Operations														
EXPENSE														
<i>Undistributed Expenses</i>														



Expense Budget Performance Report

Fiscal Year to Date 07/31/15
Include Rollup Account and Rollup to Account

Account	Account Description	Amended Budget	Current Month Transactions	Encumbrances	YTD Transactions	YTD Budget - YTD Transactions	Rec'd	%	Prior Year YTD
7120	Undistributed 4080 9023	.00	159.56	.00	159.56	(159.56)	+++		.00
<i>Undistributed Expenses Totals</i>									
		\$0.00	\$159.56	\$0.00	\$159.56	(\$159.56)	+++		\$0.00
<i>Personnel Services</i>									
9010	Full Time Wages	9,065,592.00	946,069.64	.00	5,048,665.11	4,016,926.89	56		5,046,342.91
9011	Full Time Overtime	147,878.00	78,669.18	.00	166,943.19	(19,065.19)	113		122,071.88
9013	FT Benefits Pd to Emps	462,389.00	59,480.98	.00	299,494.05	162,894.95	65		329,934.56
9014	FT Benefits Pd for Emps	5,942,441.00	721,259.22	.00	3,495,064.37	2,447,376.63	59		3,577,594.84
9020	Part Time Wages	6,226,469.00	1,214,701.80	.00	3,152,240.03	3,074,228.97	51		3,055,151.54
9021	Part Time Overtime	57,845.00	33,002.02	.00	46,858.76	10,986.24	81		46,925.94
9023	PT Benefits Pd to Emps	60.00	345.78	.00	1,708.19	(1,648.19)	2847		.00
9024	PT Benefits Pd for Emps	366,413.00	85,713.74	.00	243,275.55	123,137.45	66		.00
9090	Payments to Retirees	.00	10,000.00	.00	10,000.00	(10,000.00)	+++		.00
<i>Personnel Services Totals</i>		\$22,269,087.00	\$3,149,242.36	\$0.00	\$12,464,249.25	\$9,804,837.75	56%		\$12,178,021.67
<i>Contractual Services</i>									
9110	Operating Supplies	678,311.00	28,668.00	11,644.24	285,566.57	381,100.19	44		415,707.47
9120	Maintenance Supplies	943,257.00	26,192.43	7,200.00	460,148.63	475,908.37	50		622,289.76
9130	Tools/Equipment	584,251.00	47,289.70	31,125.75	478,687.76	74,437.49	87		203,130.42
9140	Chemicals	439,708.00	24,446.45	7,276.64	224,664.38	207,766.98	53		256,113.76
9150	Equipment Fuel	784,269.00	89,485.99	.00	262,730.60	521,538.40	34		441,902.83
9160	Uniforms	83,692.00	11,605.61	.00	40,065.88	43,626.12	48		47,454.88
9170	Resale Merchandise	468,450.00	79,813.69	.00	332,420.13	136,029.87	71		306,569.64
9410	Professional Services	591,365.00	122,057.91	7,842.57	281,993.37	301,529.06	49		528,533.74
9420	Outside Services	756,922.00	138,212.21	31,648.20	588,593.35	136,680.45	82		106,585.77
9430	Insurances	547,954.00	129,667.19	.00	417,104.50	130,849.50	76		629,671.25
9440	Utilities	1,672,400.00	213,986.62	.00	814,351.74	858,048.26	49		821,352.61
9450	Rents/Leases	72,957.00	5,885.32	.00	25,992.82	46,964.18	36		55,331.52
9460	Postage/Shipping	87,158.00	683.58	.00	3,978.96	83,179.04	5		180,261.11
9499	Miscellaneous	190,848.00	.00	.00	.00	190,848.00	0		1,941.73
9510	Memberships	14,484.00	425.00	.00	9,235.69	5,248.31	64		6,669.18
9520	Employee Development	87,975.00	4,639.78	.00	33,616.88	54,358.12	38		38,388.39



Expense Budget Performance Report

Fiscal Year to Date 07/31/15
Include Rollup Account and Rollup to Account

Account	Account Description	Amended Budget	Current Month Transactions	Encumbrances	YTD Transactions	YTD Budget - YTD Transactions	Rec'd	%	Prior Year YTD
9910	Over/Under	.00	213.76	.00	9,793.78	(9,793.78)	+++		.00
<i>Contractual Services Totals</i>									
		\$8,004,001.00	\$923,273.24	\$96,737.40	\$4,268,945.04	\$3,638,318.56	55%		\$4,661,904.06
EXPENSE TOTALS									
		\$30,273,088.00	\$4,072,675.16	\$96,737.40	\$16,733,353.85	\$13,442,996.75	56%		\$16,839,925.73
Function 8 - Operations									
		\$30,273,088.00	\$4,072,675.16	\$96,737.40	\$16,733,353.85	\$13,442,996.75	56%		\$16,839,925.73
Function 9 - Administration									
EXPENSE									
<i>Personnel Services</i>									
9010	Full Time Wages	3,020,099.00	188,714.16	.00	1,516,988.37	1,503,110.63	50		1,638,294.99
9011	Full Time Overtime	4,836.00	(1,014.90)	.00	5,273.54	(437.54)	109		3,616.38
9013	FT Benefits Pd to Emps	122,777.00	7,752.25	.00	59,725.50	63,051.50	49		53,091.98
9014	FT Benefits Pd for Emps	3,263,884.00	134,316.42	.00	750,052.09	2,513,831.91	23		556,166.63
9020	Part Time Wages	392,174.00	24,315.99	.00	137,470.22	254,703.78	35		72,988.79
9021	Part Time Overtime	.00	.00	.00	.00	.00	+++		156.53
9024	PT Benefits Pd for Emps	11,126.00	2,377.55	.00	9,017.96	2,108.04	81		.00
9090	Payments to Retirees	.00	(5,460.00)	.00	.00	.00	+++		.00
<i>Personnel Services Totals</i>									
		\$6,814,896.00	\$351,001.47	\$0.00	\$2,478,527.68	\$4,336,368.32	36%		\$2,324,315.30
<i>Contractual Services</i>									
9110	Operating Supplies	467,087.00	25,180.29	17,632.79	164,040.16	285,414.05	39		18,470.55
9120	Maintenance Supplies	31,334.00	121.60	.00	9,041.27	22,292.73	29		22,343.03
9130	Tools/Equipment	73,819.00	2,873.47	2,946.20	53,661.29	17,211.51	77		61,335.85
9140	Chemicals	8,300.00	.00	.00	234.94	8,065.06	3		2,894.68
9150	Equipment Fuel	35,600.00	1,988.21	.00	9,562.88	26,037.12	27		1,424.31
9160	Uniforms	3,100.00	44.72	.00	823.48	2,276.52	27		1,101.15
9410	Professional Services	762,884.00	99,255.24	64,773.80	356,050.77	342,059.43	55		342,411.57
9420	Outside Services	144,300.00	6,708.39	22,490.00	67,442.47	54,367.53	62		226,786.64
9430	Insurances	127,636.00	29,024.56	.00	96,869.93	30,766.07	76		13,774.34
9440	Utilities	101,045.00	5,045.41	.00	45,102.36	55,942.64	45		17,839.87
9450	Rents/Leases	32,320.00	3,500.00	.00	25,475.00	6,845.00	79		1,623.01
9460	Postage/Shipping	15,150.00	3,462.56	.00	11,042.46	4,107.54	73		30,922.54
9499	Miscellaneous	14,675.00	.00	.00	5,757.72	8,917.28	39		957.06



Expense Budget Performance Report

Fiscal Year to Date 07/31/15
Include Rollup Account and Rollup to Account

Account	Account Description	Amended		Current Month		YTD		YTD		Budget - YTD		%
		Budget	Transactions	Encumbrances	Transactions	Transactions	Transactions	Transactions	Transactions	Transactions	Rec'd	
9510	Memberships	16,190.00	1,291.04	.00	6,840.07	9,349.93	42	5,778.84				
9520	Employee Development	136,160.00	2,476.72	.00	29,869.65	106,290.35	22	81,598.61				
<i>Contractual Services Totals</i>		\$1,969,600.00	\$180,972.21	\$107,842.79	\$881,814.45	\$979,942.76	50%	\$829,262.05				
EXPENSE TOTALS		\$8,784,496.00	\$531,973.68	\$107,842.79	\$3,360,342.13	\$5,316,311.08	39%	\$3,153,577.35				
Function 9 - Administration Totals		\$8,784,496.00	\$531,973.68	\$107,842.79	\$3,360,342.13	\$5,316,311.08	39%	\$3,153,577.35				
Fund 10 - General Fund Totals		\$54,941,024.00	\$4,404,529.41	\$2,368,779.29	\$22,993,884.93	\$29,578,359.78		\$21,751,087.69				
Grand Totals		\$54,941,024.00	\$4,404,529.41	\$2,368,779.29	\$22,993,884.93	\$29,578,359.78		\$21,751,087.69				



Expense Budget by Organization Report

Through 07/31/15
Prior Fiscal Year Activity Included
Summary Listing

Organization		Amended	Current Month	YTD	YTD	Budget - YTD	% used/	Prior Year YTD
Fund 10 - General Fund		Budget	Transactions	Encumbrances	Transactions	Transactions	Rec'd	
EXPENSE								
Function 1 - Undistributed Expense								
Location	200 - Undistributed Expenses							
Activity	990 - General	.00	(651,890.07)	.00	567,161.30	(567,161.30)	+++	(2,259,495.77)
Location	200 - Undistributed Expenses	\$0.00	(\$651,890.07)	\$0.00	\$567,161.30	(\$567,161.30)	+++	(\$2,259,495.77)
Function 76 - Inventory								
Activity	22 - Warehouse Stock	.00	3,116.98	1,078.34	9,565.29	(10,643.63)	+++	(14,580.63)
Activity	24 - Uniform Stock	.00	.00	.00	13,303.99	(13,303.99)	+++	(314.00)
Location	76 - Inventory Totals	\$0.00	\$3,116.98	\$1,078.34	\$22,869.28	(\$23,947.62)	+++	(\$14,894.63)
Function	1 - Undistributed Expense Totals	\$0.00	(\$648,773.09)	\$1,078.34	\$590,030.58	(\$591,108.92)	+++	(\$2,274,390.40)
Function 5 - Capital								
Location 100 - Administrative Office								
Activity	100 - Director/Deputy Dir	8,700.00	.00	.00	.00	8,700.00	0	.00
Activity	180 - Natural Resources	115,000.00	.00	.00	108,993.00	6,007.00	95	.00
Activity	192 - Engineering	54,800.00	(56.00)	19,118.00	38,230.68	(2,548.68)	105	.00
Activity	710 - Administrative	62,000.00	.00	13,799.00	13,799.00	34,402.00	45	.00
Activity	990 - General	256,400.00	.00	67,400.00	(67,400.00)	256,400.00	0	428,072.95
Location	100 - Administrative Office	\$496,900.00	(\$56.00)	\$100,317.00	\$93,622.68	\$302,960.32	39%	\$428,072.95
Location 102 - Lake St. Clair								
Activity	190 - Planning	.00	1,274.74	.00	12,154.17	(12,154.17)	+++	.00
Activity	192 - Engineering	170,700.00	10,265.99	46,630.00	52,351.76	71,718.24	58	59,021.34
Activity	531 - Pool	27,100.00	9,097.00	4,250.00	30,475.50	(7,625.50)	128	39,467.15
Activity	630 - Activity Center Rental	31,000.00	30,324.00	30,324.00	30,324.00	(29,648.00)	196	.00
Activity	730 - Police	7,800.00	.00	.00	.00	7,800.00	0	.00
Activity	990 - General	3,123,900.00	54,122.48	75,199.00	384,028.69	2,664,672.31	15	172,225.71
Location	102 - Lake St. Clair Totals	\$3,360,500.00	\$105,084.21	\$156,403.00	\$509,334.12	\$2,694,762.88	20%	\$270,714.20
Location 104 - Kensington								
Activity	190 - Planning	.00	719.21	.00	4,324.10	(4,324.10)	+++	.00
Activity	192 - Engineering	171,100.00	1,619.60	3,990.00	39,245.38	127,864.62	25	73,495.23



Expense Budget by Organization Report

Through 07/31/15
Prior Fiscal Year Activity Included
Summary Listing

Organization	Amended Budget	Current Month		YTD		YTD		Budget - YTD		Rec'd	% used/ % used/	Prior Year YTD
		Transactions	Encumbrances	Transactions	Encumbrances	Transactions	Encumbrances	Transactions	Encumbrances			
Activity	535 - Sprayzone	.00	.00	.00	.00	.00	.00	.00	.00	+++		509.68
Activity	538 - Beach	62,100.00	.00	.00	.00	.00	.00	62,100.00	.00	0		1,425,589.01
Activity	650 - Golf Course	36,000.00	(25.20)	44,920.00	.00	30,188.87	.00	(39,108.87)	.00	209		.00
Activity	660 - Adventure Golf	.00	.00	.00	.00	.00	.00	.00	.00	+++		9,879.61
Activity	710 - Administrative	1,200.00	.00	.00	.00	.00	.00	1,200.00	.00	0		.00
Activity	730 - Police	41,400.00	.00	.00	.00	36,945.41	.00	4,454.59	.00	89		.00
Activity	880 - Interpretive Center / Mill	.00	.00	.00	.00	1,622.00	.00	(1,622.00)	.00	+++		77,914.33
Activity	881 - Farm Learning Center	6,000.00	.00	3,050.00	.00	3,300.00	.00	(350.00)	.00	106		.00
Activity	990 - General	1,267,072.00	64,079.08	376,359.00	.00	110,858.92	.00	779,854.08	.00	38		154,845.24
Location	104 - Kensington Totals	\$1,584,872.00	\$66,392.69	\$428,319.00	\$226,484.68	\$930,068.32				41%		\$1,742,233.10
Location	106 - Lower Huron / Will / Oakwoods											
Activity	190 - Planning	.00	1,029.89	.00	.00	6,822.73	.00	(6,822.73)	.00	+++		.00
Activity	192 - Engineering	109,400.00	2,789.25	38,560.38	.00	46,319.24	.00	24,520.38	.00	78		48,267.72
Activity	610 - Family Camping	31,200.00	.00	.00	.00	33,606.73	.00	(2,406.73)	.00	108		.00
Activity	650 - Golf Course	13,700.00	.00	.00	.00	5,349.00	.00	8,351.00	.00	39		.00
Activity	730 - Police	64,400.00	.00	.00	.00	58,638.00	.00	5,762.00	.00	91		.00
Activity	990 - General	349,128.00	21,021.00	.00	.00	47,149.00	.00	301,979.00	.00	14		74,804.59
Location	106 - Lower Totals	\$567,828.00	\$24,840.14	\$38,560.38	\$197,884.70	\$331,382.92				42%		\$123,072.31
Location	108 - Hudson Mills / Dexter / Delhi											
Activity	190 - Planning	.00	559.87	.00	.00	2,863.24	.00	(2,863.24)	.00	+++		.00
Activity	192 - Engineering	32,300.00	255.90	(760.00)	.00	2,919.01	.00	30,140.99	.00	7		13,153.45
Activity	650 - Golf Course	12,500.00	.00	.00	.00	5,349.00	.00	7,151.00	.00	43		1,200.00
Activity	730 - Police	35,400.00	.00	.00	.00	29,319.00	.00	6,081.00	.00	83		.00
Activity	990 - General	294,400.00	238.40	.00	.00	84,813.62	.00	209,586.38	.00	29		48,124.95
Location	108 - Hudson Totals	\$374,600.00	\$1,054.17	(\$760.00)	\$125,263.87	\$250,096.13				33%		\$62,478.40
Location	109 - Stony Creek											
Activity	190 - Planning	.00	2,857.45	.00	.00	9,992.13	.00	(9,992.13)	.00	+++		.00
Activity	192 - Engineering	122,700.00	4,119.70	40,509.75	.00	44,706.54	.00	37,483.71	.00	69		27,237.93
Activity	540 - Dockage / Boat Storage	.00	.00	.00	.00	.00	.00	.00	.00	+++		.00
Activity	550 - Boat Rental	242,500.00	.00	.00	.00	12,410.23	.00	230,089.77	.00	5		.00



Expense Budget by Organization Report

Through 07/31/15
Prior Fiscal Year Activity Included
Summary Listing

Organization	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% used/ Rec'd	Prior Year YTD
Activity 630 - Activity Center Rental	16,500.00	.00	.00	16,403.51	96.49	99	.00
Activity 650 - Golf Course	39,500.00	941.62	.00	6,763.69	32,736.31	17	.00
Activity 660 - Adventure Golf	42,400.00	(35.00)	12,387.00	2,451.74	27,561.26	35	.00
Activity 730 - Police	85,700.00	.00	.00	87,562.00	(1,862.00)	102	.00
Activity 990 - General	1,527,300.00	118,140.40	837,823.20	389,384.40	300,092.40	80	19,884.04
Location 109 - Stony Creek Totals	\$2,076,600.00	\$126,024.17	\$890,719.95	\$569,674.24	\$616,205.81	70%	\$47,121.97
Location 112 - Lake Erie							
Activity 190 - Planning	.00	266.27	.00	2,454.22	(2,454.22)	+++	.00
Activity 192 - Engineering	41,200.00	856.22	9,000.00	5,202.02	26,997.98	34	39,391.21
Activity 650 - Golf Course	12,500.00	.00	.00	5,349.00	7,151.00	43	.00
Activity 730 - Police	29,000.00	.00	.00	29,319.00	(319.00)	101	.00
Activity 990 - General	367,000.00	.00	.00	8,496.00	358,504.00	2	97,763.25
Location 112 - Lake Erie Totals	\$449,700.00	\$1,122.49	\$9,000.00	\$50,820.24	\$389,879.76	13%	\$137,154.46
Location 113 - Wolcott							
Activity 190 - Planning	.00	271.07	.00	3,856.61	(3,856.61)	+++	.00
Activity 192 - Engineering	8,100.00	4,922.28	.00	35,998.92	(27,898.92)	444	9,084.10
Activity 650 - Golf Course	12,500.00	.00	2,975.00	5,349.00	4,176.00	67	.00
Activity 880 - Interpretive Center / Mill	.00	(28.00)	.00	1,976.24	(1,976.24)	+++	.00
Activity 881 - Farm Learning Center	10,000.00	.00	.00	9,999.99	.01	100	.00
Activity 990 - General	864,100.00	.00	.00	31,751.00	832,349.00	4	210,296.96
Location 113 - Wolcott Totals	\$894,700.00	\$5,165.35	\$2,975.00	\$88,931.76	\$802,793.24	10%	\$219,381.06
Location 115 - Indian Springs							
Activity 190 - Planning	.00	1,226.57	.00	2,980.11	(2,980.11)	+++	.00
Activity 192 - Engineering	73,500.00	7,350.54	10,067.00	24,669.08	38,763.92	47	35,290.88
Activity 590 - Tolling	160,000.00	2,025.21	.00	8,509.49	151,490.51	5	.00
Activity 650 - Golf Course	3,700.00	(5,253.10)	.00	2,722.45	977.55	74	.00
Activity 730 - Police	7,000.00	.00	.00	395.00	6,605.00	6	.00
Activity 883 - Environmental Disc Ctr	21,100.00	.00	19,088.00	.00	2,012.00	90	.00
Activity 990 - General	377,040.00	7,752.57	40,303.55	181,766.56	154,969.89	59	83,573.43
Location 115 - Indian Springs Totals	\$642,340.00	\$13,101.79	\$69,458.55	\$221,042.69	\$351,838.76	45%	\$118,864.31



Expense Budget by Organization Report

Through 07/31/15
Prior Fiscal Year Activity Included
Summary Listing

Organization	Amended Budget	Current Month		YTD		YTD		Budget - YTD	% used/
		Transactions	Encumbrances	Transactions	Encumbrances	Transactions	Encumbrances		
Location 116 - Huron Meadows									
Activity 190 - Planning	.00	268.67	.00	2,395.77	(2,395.77)	+++	.00		.00
Activity 192 - Engineering	8,100.00	649.82	.00	9,165.32	(1,065.32)	113	8,191.50		
Activity 650 - Golf Course	5,500.00	.00	.00	5,349.00	151.00	97	.00		.00
Activity 990 - General	29,700.00	257.10	110,020.92	(69,093.70)	(11,227.22)	138	378,121.09		
Location 116 - Huron Meadows Totals	\$43,300.00	\$1,175.59	\$110,020.92	(\$52,183.61)	(\$14,537.31)	134%	\$386,312.59		
Function 5 - Capital	\$10,491,340.00	\$343,904.60	\$1,805,013.80	\$2,030,875.37	\$6,655,450.83	37%	\$3,535,405.35		
Function 7 - Major Maintenance									
Location 100 - Administrative Office									
Activity 192 - Engineering	183,000.00	378.40	14,900.00	1,616.87	166,483.13	9	52,307.72		
Activity 990 - General	.00	.00	.00	.00	.00	+++	.00		.00
Location 100 - Administrative Office	\$183,000.00	\$378.40	\$14,900.00	\$1,616.87	\$166,483.13	9%	\$52,307.72		
Location 102 - Lake St. Clair									
Activity 180 - Natural Resources	15,000.00	.00	.00	7,477.17	7,522.83	50	.00		.00
Activity 192 - Engineering	.00	(15.40)	.00	1,315.92	(1,315.92)	+++	.00		.00
Activity 531 - Pool	.00	.00	.00	.00	.00	+++	.00		.00
Activity 540 - Dockage/Boat Storage	54,800.00	.00	.00	42,900.00	11,900.00	78	353.82		
Activity 630 - Activity Center Rental	.00	.00	.00	.00	.00	+++	.00		.00
Activity 655 - Par 3/Foot Golf	.00	.00	.00	.00	.00	+++	.00		.00
Activity 880 - Interpretive Center/Mill	.00	.00	.00	.00	.00	+++	.00		.00
Activity 990 - General	824,100.00	(22.40)	.00	(22.40)	824,122.40	0	54,733.09		
Location 102 - Lake St. Clair Totals	\$893,900.00	(\$37.80)	\$0.00	\$51,670.69	\$842,229.31	6%	\$55,086.91		
Location 104 - Kensington									
Activity 192 - Engineering	.00	1,632.97	.00	6,836.73	(6,836.73)	+++	.00		.00
Activity 532 - Waterpark	16,800.00	.00	.00	.00	16,800.00	0	.00		.00
Activity 535 - Sprayzone	.00	.00	4,940.46	16,379.53	(21,319.99)	+++	14,216.00		
Activity 538 - Beach	.00	.00	.00	.00	.00	+++	19,149.63		
Activity 540 - Dockage/Boat Storage	.00	.00	.00	.00	.00	+++	35,160.45		
Activity 590 - Tolling	13,000.00	(19.60)	.00	2,181.64	10,818.36	17	.00		.00
Activity 640 - Shelter Reservations	.00	.00	.00	.00	.00	+++	.00		.00

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Organization	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% used/ Rec'd	Prior Year YTD
Activity 650 - Golf Course	.00	.00	.00	.00	.00	+++	.00
Activity 880 - Interpretive Center/Mill	.00	.00	.00	.00	.00	+++	4,953.48
Activity 990 - General	849,200.00	9,112.50	10,127.00	9,112.50	829,960.50	2	18,862.84
Location 104 - Kensington Totals	\$879,000.00	\$10,725.87	\$15,067.46	\$34,510.40	\$829,422.14	6%	\$92,342.40
Location 106 - Lower Huron/Will/Oakwoods							
Activity 192 - Engineering	.00	(51.10)	.00	4,288.45	(4,288.45)	+++	.00
Activity 531 - Pool	36,700.00	425.47	.00	21,386.99	15,313.01	58	35,164.68
Activity 532 - Waterpark	.00	.00	20,182.00	21,322.00	(41,504.00)	+++	10,338.00
Activity 550 - Boat Rental	.00	.00	.00	.00	.00	+++	.00
Activity 650 - Golf Course	.00	.00	.00	.00	.00	+++	.00
Activity 880 - Interpretive Center/Mill	48,000.00	.00	.00	240.97	47,759.03	1	.00
Activity 990 - General	1,349,100.00	10,955.42	39,460.00	205,802.40	1,103,837.60	18	99,333.96
Location 106 - Lower Hudson Mills/Dexter/Delhi	\$1,433,800.00	\$11,329.79	\$59,642.00	\$253,040.81	\$1,121,117.19	22%	\$144,836.64
Location 108 - Hudson Mills/Dexter/Delhi							
Activity 192 - Engineering	.00	(9.80)	.00	728.52	(728.52)	+++	.00
Activity 590 - Tolling	.00	.00	.00	.00	.00	+++	.00
Activity 650 - Golf Course	.00	.00	.00	.00	.00	+++	.00
Activity 990 - General	150,000.00	3,571.76	17,810.00	3,806.84	128,383.16	14	.00
Location 108 - Hudson Stony Creek	\$150,000.00	\$3,561.96	\$17,810.00	\$4,535.36	\$127,654.64	15%	\$0.00
Location 109 - Stony Creek							
Activity 192 - Engineering	.00	89.57	.00	2,410.96	(2,410.96)	+++	.00
Activity 538 - Beach	.00	.00	.00	.00	.00	+++	.00
Activity 650 - Golf Course	.00	.00	.00	.00	.00	+++	.00
Activity 990 - General	674,500.00	17,866.62	96,992.00	20,049.96	557,458.04	17	58.97
Location 109 - Stony Creek Totals	\$674,500.00	\$17,956.19	\$96,992.00	\$22,460.92	\$555,047.08	18%	\$58.97
Location 112 - Lake Erie							
Activity 192 - Engineering	.00	(18.90)	.00	1,771.69	(1,771.69)	+++	.00
Activity 531 - Pool	.00	.00	.00	.00	.00	+++	.00
Activity 540 - Dockage/Boat Storage	.00	.00	.00	.00	.00	+++	.00
Activity 650 - Golf Course	.00	.00	.00	.00	.00	+++	.00



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Organization	Amended		Current Month		YTD		YTD		Budget - YTD		% used/	
	Budget		Transactions		Encumbrances		Transactions		Transactions		Rec'd	Prior Year YTD
Activity 990 - General	313,000.00		.00		.00		.00		313,000.00		0	117,808.54
Location 112 - Lake Erie Totals	\$313,000.00		(\$18.90)		\$0.00		\$1,771.69		\$311,228.31		1%	\$117,808.54
Location 113 - Wolcott												
Activity 192 - Engineering	.00		7,726.91		.00		23,976.21		(23,976.21)		+++	.00
Activity 650 - Golf Course	.00		.00		.00		.00		.00		+++	.00
Activity 880 - Interpretive Center / Mill	100,300.00		3,266.68		10,230.00		3,739.75		86,330.25		14	.00
Activity 881 - Farm Learning Center	.00		.00		.00		.00		.00		+++	.00
Activity 990 - General	83,700.00		35,591.41		.00		35,591.41		48,108.59		43	4,250.00
Location 113 - Wolcott Totals	\$184,000.00		\$46,585.00		\$10,230.00		\$63,307.37		\$110,462.63		40%	\$4,250.00
Location 115 - Indian Springs												
Activity 192 - Engineering	.00		2,235.19		.00		3,063.05		(3,063.05)		+++	.00
Activity 650 - Golf Course	20,800.00		.00		19,720.00		2,005.92		(925.92)		104	28,143.48
Activity 883 - Environmental Disc Ctr	40,900.00		.00		.00		.00		40,900.00		0	.00
Activity 990 - General	376,200.00		11,926.69		.00		12,780.37		363,419.63		3	1,735.00
Location 115 - Indian Springs Totals	\$437,900.00		\$14,161.88		\$19,720.00		\$17,849.34		\$400,330.66		9%	\$29,878.48
Location 116 - Huron Meadows												
Activity 192 - Engineering	.00		100.77		.00		1,558.91		(1,558.91)		+++	.00
Activity 650 - Golf Course	.00		.00		.00		.00		.00		+++	.00
Activity 990 - General	243,000.00		(2.10)		123,745.50		175.30		119,079.20		51	.00
Location 116 - Huron Meadows Totals	\$243,000.00		\$98.67		\$123,745.50		\$1,734.21		\$117,520.29		52%	\$0.00
Function 7 - Major Maintenance Totals	\$5,392,100.00		\$104,741.06		\$358,106.96		\$452,497.66		\$4,581,495.38		15%	\$496,569.66
Function 8 - Operations												
Location 100 - Administrative Office												
Activity 180 - Natural Resources	.00		(18.20)		.00		52.44		(52.44)		+++	.00
Activity 380 - Outside Lease / Rent	21,000.00		(162.38)		.00		9,477.11		11,522.89		45	7,664.29
Activity 590 - Tolling	1,300.00		.00		1,242.33		.00		57.67		96	.00
Activity 710 - Administrative	.00		.00		.00		.00		.00		+++	142.08
Activity 730 - Police	.00		.00		.00		.00		.00		+++	.00
Activity 990 - General	.00		.00		.00		.00		.00		+++	.00
Location 100 - Administrative Office Totals	\$22,300.00		(\$180.58)		\$1,242.33		\$9,529.55		\$11,528.12		48%	\$7,806.37



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Organization	Location	Amended		Current Month		YTD		YTD		Budget - YTD		Rec'd	% used/ Prior Year YTD
		Budget	Transactions	Transactions	Encumbrances	Transactions	Transactions	Transactions	Transactions	Transactions	Transactions		
	102 - Lake St. Clair												
	Activity	6,900.00	.00	.00	.00	.00	.00	.00	6,900.00	0	.00	0	.00
	180 - Natural Resources	.00	.00	.00	.00	.00	.00	.00	.00	+++	9,273.10	+++	9,273.10
	51 - Food Service	.00	.00	.00	.00	.00	.00	.00	.00	+++	164,744.67	+++	164,744.67
	53 - Bathroom/Pool	254,966.00	50,312.90	2,418.50	127,191.02	125,356.48	51	.00	125,356.48	51	.00	51	.00
	531 - Pool	8,231.00	849.42	.00	2,317.40	5,913.60	28	.00	5,913.60	28	.00	28	.00
	535 - Sprayzone	14,710.00	1,944.47	.00	6,135.36	8,574.64	42	.00	8,574.64	42	.00	42	.00
	538 - Beach	69,991.00	11,113.63	.00	30,017.45	39,973.55	43	.00	39,973.55	43	.00	43	.00
	540 - Dockage/Boat Storage	.00	.00	.00	.00	.00	+++	.00	.00	+++	30,030.75	+++	30,030.75
	550 - Boat Rental	100.00	.00	.00	.00	.00	89	.00	11.00	89	220.50	89	220.50
	580 - Cross Country Skiing	54,300.00	7,402.31	1,823.32	26,710.67	25,766.01	53	.00	25,766.01	53	27,322.61	53	27,322.61
	590 - Tolling	.00	.00	.00	.00	.00	+++	.00	.00	+++	3,056.22	+++	3,056.22
	60 - Sundries	62,158.00	1,973.38	.00	.00	9,928.92	84	.00	9,928.92	84	26,902.98	84	26,902.98
	630 - Activity Center Rental	700.00	939.69	.00	.00	(239.69)	134	.00	(239.69)	134	88.89	134	88.89
	640 - Shelter Reservations	.00	(761.22)	.00	.00	(4,306.86)	+++	.00	4,306.86	+++	.00	+++	.00
	650 - Golf Course	152,115.00	14,275.04	.00	.00	71,555.74	47	.00	80,559.26	47	40,712.74	47	40,712.74
	655 - Par 3/Foot Golf	19,177.00	2,748.91	.00	.00	7,103.24	37	.00	12,073.76	37	8,646.51	37	8,646.51
	660 - Adventure Golf	18,410.00	3,227.78	.00	.00	9,268.00	50	.00	9,142.00	50	8,803.03	50	8,803.03
	670 - Trackless Train	33,950.00	26,695.00	.00	.00	36,453.18	107	.00	(2,503.18)	107	113.00	107	113.00
	700 - Special Events	663,168.00	79,285.76	536.00	381,686.59	280,945.41	58	.00	280,945.41	58	359,705.62	58	359,705.62
	710 - Administrative	631,447.00	76,503.90	.00	.00	307,502.45	49	.00	323,944.55	49	314,659.07	49	314,659.07
	730 - Police	.00	.00	.00	.00	.00	+++	.00	.00	+++	324,814.12	+++	324,814.12
	74 - Building Maintenance	.00	.00	.00	.00	.00	+++	.00	.00	+++	15,699.10	+++	15,699.10
	75 - Road/Pk Lot/Trail Maint	.00	.00	.00	.00	.00	+++	.00	.00	+++	14,150.18	+++	14,150.18
	76 - Tree Maintenance	.00	(570.92)	.00	.00	(570.92)	+++	.00	570.92	+++	248,928.78	+++	248,928.78
	80 - Grounds Maintenance	.00	.00	.00	.00	.00	+++	.00	.00	+++	34,951.09	+++	34,951.09
	85 - Summer Activities	.00	.00	.00	.00	.00	+++	.00	.00	+++	781.43	+++	781.43
	86 - Winter Activities	500.00	(4.02)	.00	.00	374.91	75	.00	125.09	75	6,099.47	75	6,099.47
	870 - Wildlife Management	295,070.00	24,555.91	536.00	164,974.66	129,559.34	56	.00	129,559.34	56	158,382.40	56	158,382.40
	880 - Interpretive Center / Mill	.00	2,258.52	.00	.00	(2,274.00)	+++	.00	(2,274.00)	+++	.00	+++	.00
	940 - Heart Lab-LSC												



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		Transactions	Encumbrances	Transactions	Encumbrances	Transactions	Encumbrances	Transactions	Encumbrances		
Activity 95 - Equipment Maintenance	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++	136,833.18
Activity 990 - General	1,378,770.00	185,755.48	9,264.00	756,463.64	613,042.36	56	.00				.00
Activity 991 - Joint Government Maint	95,785.00	4,129.13	.00	12,899.52	82,885.48	13					14,984.58
Location 102 - Lake St. Clair Totals	\$3,760,448.00	\$492,635.07	\$14,577.82	\$1,991,307.82	\$1,754,562.36	53%					\$1,949,904.02
Location 104 - Kensington											
Activity 180 - Natural Resources	.00	(140.70)	.00	9,865.29	(9,865.29)	+++					.00
Activity 192 - Engineering	.00	(42.00)	.00	3,839.69	(3,839.69)	+++					.00
Activity 51 - Food Service	.00	.00	.00	.00	.00	+++					54,725.60
Activity 532 - Waterpark	.00	.00	.00	.00	.00	+++					.00
Activity 535 - Sprayzone	160,964.00	34,615.50	1,952.00	73,876.38	85,135.62	47					97,911.02
Activity 538 - Beach	48,393.00	21,440.21	.00	43,686.83	4,706.17	90					.00
Activity 540 - Dockage/Boat Storage	5,855.00	358.57	.00	863.24	4,991.76	15					3,577.19
Activity 550 - Boat Rental	75,081.00	31,512.02	1,394.24	73,037.16	649.60	99					58,888.79
Activity 560 - Excursion Boat	30,405.00	9,231.59	.00	16,687.74	13,717.26	55					18,952.23
Activity 57 - Resale-Alcoholic	.00	.00	.00	.00	.00	+++					14,723.92
Activity 580 - Cross Country Skiing	27,379.00	386.74	.00	23,442.03	3,936.97	86					20,762.18
Activity 590 - Tolling	136,500.00	28,316.40	9,684.59	91,393.59	35,421.82	74					77,133.43
Activity 60 - Sundries	.00	.00	.00	.00	.00	+++					11,674.86
Activity 635 - Mobile Stage	1,800.00	307.85	.00	1,627.94	172.06	90					.00
Activity 650 - Golf Course	634,124.00	113,450.17	.00	397,015.69	237,108.31	63					318,422.74
Activity 660 - Adventure Golf	28,200.00	5,283.08	.00	12,839.72	15,360.28	46					13,280.97
Activity 700 - Special Events	125,532.00	31,884.18	.00	32,958.46	92,573.54	26					.00
Activity 710 - Administrative	801,955.00	94,031.49	215.00	436,039.46	365,700.54	54					508,821.43
Activity 730 - Police	888,971.00	134,294.05	.00	545,528.03	343,442.97	61					548,354.29
Activity 74 - Building Maintenance	.00	.00	.00	.00	.00	+++					285,799.86
Activity 75 - Road/Pk Lot/Trail Maint	.00	.00	.00	.00	.00	+++					121,035.21
Activity 76 - Tree Maintenance	.00	.00	.00	.00	.00	+++					50,786.14
Activity 80 - Grounds Maintenance	.00	.00	.00	.00	.00	+++					328,797.96
Activity 85 - Summer Activities	.00	.00	.00	.00	.00	+++					87,772.34
Activity 86 - Winter Activities	.00	.00	.00	.00	.00	+++					23,254.06



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Activity 870 - Wildlife Management	6,662.00	391.13	.00	10,518.01	(3,856.01)	158	9,370.51
Activity 880 - Interpretive Center / Mill	441,483.00	46,849.17	.00	235,050.90	206,432.10	53	251,645.49
Activity 881 - Farm Learning Center	699,819.00	87,311.52	3,616.00	388,146.47	308,056.53	56	353,416.09
Activity 882 - Mobile Learning Center	146,412.00	15,440.83	.00	85,581.77	60,830.23	58	112,731.16
Activity 95 - Equipment Maintenance	.00	.00	.00	.00	.00	+++	225,464.96
Activity 990 - General	1,766,546.00	255,334.82	5,076.00	1,119,923.79	641,546.21	64	.00
Activity 991 - Joint Government Maint	2,800.00	288.96	.00	935.38	1,864.62	33	1,089.57
Location 104 - Kensington Totals		\$910,545.58	\$21,937.83	\$3,602,857.57	\$2,404,085.60	60%	\$3,598,392.00
Location 106 - Lower Huron / Will / Oakwoods							
Activity 180 - Natural Resources	.00	.00	.00	2,760.26	(2,760.26)	+++	.00
Activity 192 - Engineering	.00	(1.40)	.00	288.07	(288.07)	+++	.00
Activity 51 - Food Service	.00	.00	.00	.00	.00	+++	137,443.39
Activity 531 - Pool	199,992.00	96,847.30	2,084.45	173,456.68	24,450.87	88	93,687.93
Activity 532 - Waterpark	736,416.00	182,966.89	4,232.25	365,832.77	366,350.98	50	364,002.58
Activity 550 - Boat Rental	17,100.00	2,077.08	.00	5,324.85	11,775.15	31	11,334.27
Activity 57 - Resale-Alcoholic	.00	.00	.00	.00	.00	+++	16,033.06
Activity 580 - Cross Country Skiing	.00	.00	.00	89.00	(89.00)	+++	2,491.82
Activity 590 - Tolling	142,300.00	42,795.93	1,123.42	90,479.33	50,697.25	64	79,700.89
Activity 60 - Sundries	.00	.00	.00	.00	.00	+++	9,114.34
Activity 610 - Family Camping	1,800.00	386.07	.00	955.55	844.45	53	673.71
Activity 615 - Group Camping	200.00	.00	.00	178.00	22.00	89	.00
Activity 650 - Golf Course	620,948.00	67,884.29	6,502.40	364,663.85	249,781.75	60	216,163.80
Activity 655 - Par 3 / Foot Golf	103,817.00	12,924.78	.00	33,858.28	69,958.72	33	33,777.28
Activity 700 - Special Events	15,602.00	12,140.45	.00	12,595.47	3,006.53	81	.00
Activity 710 - Administrative	750,716.00	84,568.95	.00	387,551.95	363,164.05	52	471,645.70
Activity 730 - Police	830,660.00	102,205.79	.00	437,420.79	393,239.21	53	414,549.96
Activity 74 - Building Maintenance	.00	.00	.00	.00	.00	+++	241,886.13
Activity 75 - Road / Pk Lot / Trail Maint	.00	.00	.00	.00	.00	+++	49,490.69
Activity 76 - Tree Maintenance	95,000.00	.00	.00	.00	95,000.00	0	12,194.60
Activity 80 - Grounds Maintenance	.00	(278.96)	.00	(278.96)	278.96	+++	461,711.91



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Organization	Amended Budget	Current Month		YTD		YTD		Budget - YTD		Rec'd	% used/ % used/	Prior Year YTD
		Transactions	Encumbrances	Transactions	Encumbrances	Transactions	Encumbrances	Transactions	Encumbrances			
Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++		19,748.67
Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++		5,348.66
Activity	11,700.00	1,443.13	.00	14,765.56	.00	14,765.56	.00	(3,065.56)	.00	126		6,380.57
Activity	520,446.00	57,716.83	.00	279,994.04	.00	279,994.04	.00	240,451.96	.00	54		178,993.76
Activity	.00	(3,589.00)	.00	(3,589.00)	.00	(3,589.00)	.00	3,589.00	.00	+++		259,165.15
Activity	1,832,822.00	208,603.73	3,160.00	1,020,126.01	3,160.00	1,020,126.01	3,160.00	809,535.99	.00	56		.00
Location	\$5,879,519.00	\$868,691.86	\$17,102.52	\$3,186,472.50	\$17,102.52	\$3,186,472.50	\$17,102.52	\$2,675,943.98	.00	54%		\$3,085,538.87
Location	106 - Lower											
Location	108 - Hudson Mills/Dexter/Delhi											
Activity	.00	(12.60)	.00	4,849.77	.00	4,849.77	.00	(4,849.77)	.00	+++		.00
Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++		42,891.41
Activity	42,065.00	10,499.42	.00	28,850.84	.00	28,850.84	.00	13,214.16	.00	69		.00
Activity	4,355.00	.00	3,552.60	604.45	.00	604.45	.00	197.95	.00	95		320.81
Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++		6,330.75
Activity	6,054.00	195.45	.00	4,198.51	.00	4,198.51	.00	1,855.49	.00	69		5,330.41
Activity	42,861.00	9,047.39	824.73	23,038.49	.00	23,038.49	.00	18,997.78	.00	56		25,585.41
Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++		6,056.40
Activity	189.00	.00	.00	189.00	.00	189.00	.00	.00	.00	100		.00
Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++		.00
Activity	1,461.00	365.11	.00	1,095.33	.00	1,095.33	.00	365.67	.00	75		.00
Activity	403,853.00	60,714.67	.00	214,674.53	.00	214,674.53	.00	189,178.47	.00	53		236,418.91
Activity	.00	.00	.00	.01	.00	.01	.00	(.01)	.00	+++		.00
Activity	6,200.00	2,370.00	.00	5,476.03	.00	5,476.03	.00	723.97	.00	88		3,941.76
Activity	22,868.00	19,461.25	.00	22,687.23	.00	22,687.23	.00	180.77	.00	99		.00
Activity	560,403.00	65,702.71	.00	320,077.39	.00	320,077.39	.00	240,325.61	.00	57		314,985.98
Activity	516,330.00	60,101.84	.00	224,393.19	.00	224,393.19	.00	291,936.81	.00	43		229,773.05
Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++		73,131.82
Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++		39,061.44
Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++		73,442.03
Activity	.00	.00	625.00	.00	.00	.00	.00	(625.00)	.00	+++		224,363.87
Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++		27,405.55



Expense Budget by Organization Report

Through 07/31/15
Prior Fiscal Year Activity Included
Summary Listing

Organization	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% used/ Rec'd	Prior Year YTD
Activity 870 - Wildlife Management	5,500.00	(44.47)	.00	5,649.85	(149.85)	103	3,257.50
Activity 880 - Interpretive Center / Mill	121,823.00	14,408.51	.00	72,260.17	49,562.83	59	70,554.18
Activity 881 - Farm Learning Center	.00	.00	.00	201.00	(201.00)	+++	.00
Activity 95 - Equipment Maintenance	.00	.00	.00	.00	.00	+++	96,577.43
Activity 990 - General	784,334.00	96,061.55	8,590.80	459,411.88	316,331.32	60	.00
Location 108 - Hudson	\$2,518,296.00	\$338,870.83	\$13,593.13	\$1,387,657.67	\$1,117,045.20	56%	\$1,479,428.71
Location 109 - Stony Creek							
Activity 180 - Natural Resources	11,800.00	(43.40)	.00	6,450.54	5,349.46	55	.00
Activity 51 - Food Service	.00	.00	.00	.00	.00	+++	51,174.10
Activity 53 - Bathroom/Pool	.00	.00	.00	.00	.00	+++	59,791.14
Activity 537 - Ripslide	35,800.00	4,652.55	.00	14,126.87	21,673.13	39	.00
Activity 538 - Beach	100,537.00	17,112.94	.00	58,837.78	41,699.22	59	.00
Activity 540 - Dockage/Boat Storage	9,600.00	1,569.64	.00	6,843.86	2,756.14	71	1,779.83
Activity 550 - Boat Rental	53,600.00	9,897.35	.00	29,691.09	23,908.91	55	27,365.23
Activity 57 - Resale-Alcoholic	.00	.00	.00	.00	.00	+++	13,635.67
Activity 580 - Cross Country Skiing	15,250.00	486.53	.00	7,385.44	7,864.56	48	16,671.40
Activity 590 - Tolling	58,950.00	7,964.52	2,153.21	31,379.26	25,417.53	57	28,733.23
Activity 60 - Sundries	.00	.00	.00	.00	.00	+++	12,761.45
Activity 610 - Family Camping	19,350.00	1,572.34	.00	4,915.12	14,434.88	25	2,236.34
Activity 630 - Activity Center Rental	15,200.00	206.25	.00	6,470.16	8,729.84	43	3,294.76
Activity 635 - Mobile Stage	4,700.00	1,207.25	.00	2,621.58	2,078.42	56	.00
Activity 650 - Golf Course	709,474.00	68,004.33	7,276.64	343,727.19	358,470.17	49	231,199.00
Activity 660 - Adventure Golf	22,000.00	2,271.74	.00	9,754.20	12,245.80	44	8,183.08
Activity 700 - Special Events	33,000.00	18,019.00	.00	21,187.55	11,812.45	64	390.00
Activity 710 - Administrative	655,164.00	58,356.13	3,185.89	325,705.95	326,272.16	50	344,342.27
Activity 730 - Police	660,556.00	96,301.20	.00	364,708.95	295,847.05	55	358,360.03
Activity 74 - Building Maintenance	.00	.00	.00	.00	.00	+++	260,973.46
Activity 75 - Road/Pk Lot/Trail Maint	.00	.00	.00	.00	.00	+++	92,745.39
Activity 76 - Tree Maintenance	.00	.00	.00	.00	.00	+++	56,988.50
Activity 80 - Grounds Maintenance	.00	.00	.00	.00	.00	+++	291,005.23



Expense Budget by Organization Report

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Prior Fiscal Year Activity Included
Summary Listing

Organization	Amended Budget	Current Month		YTD		YTD		Budget - YTD		Rec'd	% used/ % used/	Prior Year YTD
		Transactions	Encumbrances	Transactions	Encumbrances	Transactions	Encumbrances	Transactions	Encumbrances			
Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++		80,415.89
Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++		.00
Activity	6,500.00	4.42	.00	1,807.77	.00	4,692.23	.00	4,692.23	.00	28		4,849.62
Activity	282,312.00	22,265.43	536.00	129,818.35	.00	151,957.65	.00	151,957.65	.00	46		119,530.11
Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++		171,388.67
Activity	1,497,304.00	126,548.34	3,160.00	786,949.29	.00	707,194.71	.00	707,194.71	.00	53		.00
Activity	6,200.00	465.02	.00	5,894.37	.00	305.63	.00	305.63	.00	95		586.40
Location 109 - Stony Creek Totals		\$436,861.58	\$16,311.74	\$2,158,275.32	\$2,022,709.94	52%		\$2,238,400.80				
Location 112 - Lake Erie												
Activity	37,500.00	(2.80)	.00	754.06	.00	36,745.94	.00	36,745.94	.00	2		.00
Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++		.00
Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++		75,132.82
Activity	461,276.00	123,070.56	2,418.50	256,638.22	.00	202,219.28	.00	202,219.28	.00	56		229,346.69
Activity	.00	(54.38)	.00	.00	.00	.00	.00	.00	.00	+++		.00
Activity	84,670.00	9,886.27	.00	35,515.26	.00	49,154.74	.00	49,154.74	.00	42		50,147.75
Activity	.00	(1,000.00)	.00	(1,000.00)	.00	1,000.00	.00	1,000.00	.00	+++		19,031.70
Activity	100.00	.00	.00	89.00	.00	11.00	.00	11.00	.00	89		.00
Activity	53,200.00	8,864.69	873.77	23,618.79	.00	28,707.44	.00	28,707.44	.00	46		27,458.23
Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++		12,617.98
Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++		.00
Activity	639,991.00	87,749.32	.00	380,815.40	.00	259,175.60	.00	259,175.60	.00	60		232,119.40
Activity	18,600.00	15,472.26	.00	17,242.28	.00	1,357.72	.00	1,357.72	.00	93		.00
Activity	596,777.00	67,886.18	4,663.80	316,609.31	.00	275,503.89	.00	275,503.89	.00	54		374,253.07
Activity	515,165.00	90,942.57	.00	310,058.41	.00	205,106.59	.00	205,106.59	.00	60		277,273.83
Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++		94,290.57
Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++		11,315.46
Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++		3,468.67
Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++		269,922.80
Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++		10,860.06
Activity	11,350.00	2,141.22	.00	13,068.94	.00	(1,718.94)	.00	(1,718.94)	.00	115		2,354.95



Expense Budget by Organization Report

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Organization		Amended		Current Month		YTD		YTD		Budget - YTD		Rec'd	% used/	Prior Year YTD
		Budget		Transactions	Encumbrances	Transactions	Encumbrances	Transactions	Encumbrances	Transactions	Encumbrances			
Activity	880 - Interpretive Center/Mill	95,666.00		6,582.13		.00		58,555.25		37,110.75		61		170,650.72
Activity	95 - Equipment Maintenance	.00		.00		.00		.00		.00		+++		139,469.88
Activity	990 - General	839,915.00		102,721.86		1,580.00		479,123.28		359,211.72		57		.00
Location 112 - Lake Erie Totals		\$3,354,210.00		\$514,259.88		\$9,536.07		\$1,891,088.20		\$1,453,585.73		57%		\$1,999,714.58
Location 113 - Wolcott														
Activity	180 - Natural Resources	6,200.00		.00		.00		.00		6,200.00		0		.00
Activity	192 - Engineering	.00		.00		.00		.00		.00		+++		.00
Activity	590 - Tolling	500.00		.00		.00		.00		500.00		0		.00
Activity	60 - Sundries	.00		.00		.00		(80.00)		80.00		+++		7,018.98
Activity	615 - Group Camping	3,615.00		397.50		.00		1,955.39		1,659.61		54		.00
Activity	630 - Activity Center Rental	24,112.00		1,636.63		.00		8,251.57		15,860.43		34		10,084.14
Activity	650 - Golf Course	358,686.00		40,645.88		925.13		187,697.61		170,063.26		53		196,151.90
Activity	700 - Special Events	.00		.00		.00		.00		.00		+++		.00
Activity	710 - Administrative	173,372.00		13,880.88		731.20		82,913.82		89,726.98		48		87,317.90
Activity	730 - Police	24,224.00		1,932.85		.00		24,346.04		(122.04)		101		21,851.97
Activity	74 - Building Maintenance	.00		.00		.00		.00		.00		+++		21,552.37
Activity	75 - Road/Pk Lot/Trail Maint	.00		.00		.00		.00		.00		+++		16,540.94
Activity	76 - Tree Maintenance	.00		.00		.00		.00		.00		+++		7,168.64
Activity	80 - Grounds Maintenance	.00		.00		.00		.00		.00		+++		48,567.38
Activity	870 - Wildlife Management	400.00		(3.50)		.00		255.35		144.65		64		.00
Activity	880 - Interpretive Center/Mill	239,755.00		15,085.60		.00		118,045.94		121,709.06		49		112,104.09
Activity	881 - Farm Learning Center	529,227.00		38,582.64		.00		288,970.35		240,256.65		55		274,441.44
Activity	95 - Equipment Maintenance	.00		.00		.00		.00		.00		+++		28,778.80
Activity	990 - General	216,182.00		13,340.62		316.00		82,520.18		133,345.82		38		.00
Location 113 - Wolcott Totals		\$1,576,273.00		\$125,499.10		\$1,972.33		\$794,876.25		\$779,424.42		51%		\$831,578.55
Location 115 - Indian Springs														
Activity	180 - Natural Resources	.00		(16.80)		.00		1,186.36		(1,186.36)		+++		.00
Activity	192 - Engineering	.00		(2.80)		.00		82.80		(82.80)		+++		.00
Activity	51 - Food Service	.00		.00		.00		.00		.00		+++		39,855.58
Activity	535 - Sprayzone	29,913.00		3,123.77		.00		12,749.68		17,163.32		43		16,139.42

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Expense Budget by Organization Report

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Prior Fiscal Year Activity Included
Summary Listing

Organization	Activity	Amended		Current Month		YTD		YTD		Budget - YTD		% used/	
		Budget		Transactions		Encumbrances		Transactions		Transactions		Rec'd	Prior Year YTD
	Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++	11,404.73
	57 - Resale-Alcoholic												
	Activity	15,891.00		235.90		.00		3,513.01		12,377.99		22	5,883.35
	580 - Cross Country Skiing												
	Activity	23,200.00		5,155.76		463.63		12,402.71		10,333.66		55	11,904.61
	590 - Tolling												
	Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++	5,957.61
	60 - Sundries												
	630 - Activity Center Rental												
	Activity	20,619.00		8,881.44		.00		15,121.69		5,497.31		73	16,455.38
	650 - Golf Course												
	Activity	617,042.00		101,217.92		.00		375,025.95		242,016.05		61	249,615.67
	700 - Special Events												
	Activity	125.00		.00	.00	.00	.00	125.22		(.22)		100	.00
	710 - Administrative												
	Activity	213,854.00		25,509.90		.00		112,463.04		101,390.96		53	131,405.00
	730 - Police												
	Activity	183,985.00		27,051.63		.00		95,954.53		88,030.47		52	101,414.05
	74 - Building Maintenance												
	Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++	11,225.69
	75 - Road/Pk Lot/Trail Maint												
	Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++	50,033.27
	76 - Tree Maintenance												
	Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++	8,055.88
	80 - Grounds Maintenance												
	Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++	93,821.52
	85 - Summer Activities												
	Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++	1,302.60
	870 - Wildlife Management												
	Activity	8,146.00		.00	.00	.00	.00	600.00		7,546.00		7	2,831.41
	880 - Interpretive Center/Mill												
	Activity	3,800.00		324.81		.00		4,237.94		(437.94)		112	.00
	883 - Environmental Disc Ctr												
	Activity	485,651.00		47,603.30		.00		265,738.51		219,912.49		55	289,728.54
	95 - Equipment Maintenance												
	Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++	65,832.46
	990 - General												
	Activity	388,683.00		31,387.28		.00		191,561.95		197,121.05		49	.00
Location 115 - Indian Springs Totals		\$1,990,909.00		\$250,472.11		\$463.63		\$1,090,763.39		\$899,681.98		55%	\$1,112,866.77
Location 116 - Huron Meadows													
	Activity	.00	.00	(42.00)		.00		1,242.00		(1,242.00)		+++	.00
	180 - Natural Resources												
	Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++	32,014.34
	51 - Food Service												
	Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++	1,955.96
	550 - Boat Rental												
	Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++	7,301.76
	57 - Resale-Alcoholic												
	Activity	96,264.00		3,795.00		.00		55,957.65		40,306.35		58	37,512.73
	580 - Cross Country Skiing												
	Activity	1,800.00		.35	.00	.00	.00	113.50		1,686.50		6	82.97
	590 - Tolling												
	Activity	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	+++	4,774.55
	60 - Sundries												
	Activity	476,597.00		77,540.58		.00		324,042.40		152,554.60		68	232,110.57
	650 - Golf Course												
	Activity	.00	.00	.00	.00	.00	.00	125.23		(125.23)		+++	.00
	700 - Special Events												



Expense Budget by Organization Report

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Summary Listing

Organization	Amended		Current Month		YTD		YTD		Budget - YTD		Rec'd	% used/ Prior Year YTD
	Budget	Transactions	Encumbrances	YTD	Transactions	YTD	Transactions	YTD				
Activity	71,764.00	7,690.10	.00		37,661.01	34,102.99	52	45,951.37				
Activity	26,166.00	13,966.56	.00		66,364.87	(40,198.87)	254	36,284.65				
Activity	.00	.00	.00		.00	.00	+++	10,565.10				
Activity	.00	.00	.00		.00	.00	+++	17,380.88				
Activity	.00	.00	.00		.00	.00	+++	1,662.69				
Activity	.00	.00	.00		.00	.00	+++	72,038.42				
Activity	.00	.00	.00		.00	.00	+++	288.90				
Activity	600.00	.00	.00		500.00	100.00	83	420.00				
Activity	.00	.00	.00		.00	.00	+++	35,950.17				
Activity	271,764.00	32,069.14	.00		134,518.92	137,245.08	49	.00				
Location	\$944,955.00	\$135,019.73	\$0.00		\$620,525.58	\$324,429.42	66%	\$536,295.06				
Function 8 - Operations Totals												
Location	\$30,273,088.00	\$4,072,675.16	\$96,737.40		\$16,733,353.85	\$13,442,996.75	56%	\$16,839,925.73				
Function 9 - Administration												
Location												
Activity	944,149.00	21,028.37	.00		406,262.88	537,886.12	43	478,667.40				
Activity	890,700.00	102,181.40	1,036.00		464,405.43	425,258.57	52	497,310.95				
Activity	447,200.00	33,345.99	.00		211,377.39	235,822.61	47	276,328.70				
Activity	816,280.00	88,057.26	15,115.20		368,618.70	432,546.10	47	333,440.65				
Activity	763,569.00	53,955.39	4,114.20		404,349.18	355,105.62	53	305,816.95				
Activity	153,300.00	12,079.21	.00		78,485.07	74,814.93	51	98,451.51				
Activity	251,100.00	15,113.57	.00		96,301.85	154,798.15	38	1,194.53				
Activity	664,630.00	42,989.12	.00		278,830.45	385,799.55	42	114,777.25				
Activity	336,100.00	15,474.06	.00		117,702.96	218,397.04	35	.00				
Activity	903,166.00	59,997.66	43,907.59		433,302.13	425,956.28	53	683,489.44				
Activity	.00	.00	.00		.00	.00	+++	.00				
Activity	107,800.00	449.50	.00		18,892.38	88,907.62	18	.00				
Activity	2,062,789.00	54,641.94	43,669.80		250,023.99	1,769,095.21	14	191,423.08				
Activity	316,531.00	27,544.33	.00		162,631.14	153,899.86	51	163,791.42				
Activity	127,182.00	10,894.86	.00		70,906.12	56,275.88	56	75.00				
Activity	.00	(5,778.98)	.00		(1,747.54)	1,747.54	+++	8,810.47				

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Organization	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% used/ Rec'd	Prior Year YTD
Location 100 - Administrative Office	\$8,784,496.00	\$531,973.68	\$107,842.79	\$3,360,342.13	\$5,316,311.08	39%	\$3,153,577.35
Location 104 - Kensington							
Activity 192 - Engineering	.00	.00	.00	.00	.00	+++	.00
Location 104 - Kensington Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++	\$0.00
Location 106 - Lower Huron/Will/Oakwoods							
Activity 192 - Engineering	.00	.00	.00	.00	.00	+++	.00
Location 106 - Lower	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++	\$0.00
Location 113 - Wolcott							
Activity 192 - Engineering	.00	.00	.00	.00	.00	+++	.00
Location 113 - Wolcott Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++	\$0.00
Location 115 - Indian Springs							
Activity 192 - Engineering	.00	.00	.00	.00	.00	+++	.00
Location 115 - Indian Springs Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++	\$0.00
Function 9 - Administration	\$8,784,496.00	\$531,973.68	\$107,842.79	\$3,360,342.13	\$5,316,311.08	39%	\$3,153,577.35
EXPENSE TOTALS	\$54,941,024.00	\$4,404,521.41	\$2,368,779.29	\$23,167,099.59	\$29,405,145.12	46%	\$21,751,087.69
Fund 10 - General Fund Totals	\$54,941,024.00	\$4,404,521.41	\$2,368,779.29	\$23,167,099.59	\$29,405,145.12		\$21,751,087.69
Grand Totals	\$54,941,024.00	\$4,404,521.41	\$2,368,779.29	\$23,167,099.59	\$29,405,145.12		\$21,751,087.69



General Fund Balance Sheet

Through 07/31/15
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	3,479,671.44	3,665,125.88	(185,454.44)	(5.06)
U S TREASURY/AGENCIES	1,001,319.44	1,000,000.00	1,319.44	.13
<i>INVESTMENTS Totals</i>	<i>\$4,480,990.88</i>	<i>\$4,665,125.88</i>	<i>(\$184,135.00)</i>	<i>(3.95%)</i>
<i>OTHER ASSETS</i>				
Accounts Receivable-Other	.00	122.50	(122.50)	(100.00)
Due From Other Funds	(26,055.79)	(597.76)	(25,458.03)	(4,258.90)
Unrealized Est Income	380,700.82	138,470.59	242,230.23	174.93
<i>OTHER ASSETS Totals</i>	<i>\$354,645.03</i>	<i>\$137,995.33</i>	<i>\$216,649.70</i>	<i>157.00%</i>
<i>ASSETS Totals</i>	<i>\$4,835,635.91</i>	<i>\$4,803,121.21</i>	<i>\$32,514.70</i>	<i>0.68%</i>
ASSETS TOTALS	\$4,835,635.91	\$4,803,121.21	\$32,514.70	0.68%
LIABILITIES AND FUND EQUITY				
<i>LIABILITIES</i>				
<i>LIABILITIES</i>				
<i>CURRENT LIABILITIES</i>				
Due To	44,030.49	2,156.67	41,873.82	1,941.60
Contract Retainage Payabl	(.01)	.00	(.01)	++
<i>CURRENT LIABILITIES Totals</i>	<i>\$44,030.48</i>	<i>\$2,156.67</i>	<i>\$41,873.81</i>	<i>1,941.60%</i>
<i>LIABILITIES Totals</i>	<i>\$44,030.48</i>	<i>\$2,156.67</i>	<i>\$41,873.81</i>	<i>1,941.60%</i>
LIABILITIES TOTALS	\$44,030.48	\$2,156.67	\$41,873.81	1,941.60%
FUND EQUITY				
<i>FUND BALANCE</i>				
<i>UNASSIGNED FUND BALANCE</i>				
Reserve Future Contingen.	4,862,143.16	4,943,246.54	(81,103.38)	(1.64)
<i>UNASSIGNED FUND BALANCE Totals</i>	<i>\$4,862,143.16</i>	<i>\$4,943,246.54</i>	<i>(\$81,103.38)</i>	<i>(1.64%)</i>



General Fund Balance Sheet

Through 07/31/15
Summary Listing

Classification	Current YTD Balance	Prior Year YTD Total	Net Change	Change %
<i>FUND BALANCE Totals</i>	\$4,862,143.16	\$4,943,246.54	(\$81,103.38)	(1.64%)
FUND EQUITY TOTALS Prior to Current Year Changes	\$4,862,143.16	\$4,943,246.54	(\$81,103.38)	(1.64%)
Prior Year Fund Equity Adjustment	.00			
Fund Revenues	(21,512.93)			
Fund Expenses	92,050.66			
FUND EQUITY TOTALS	\$4,791,605.43	\$4,943,246.54	(\$151,641.11)	(3.07%)
LIABILITIES AND FUND EQUITY	\$4,835,635.91	\$4,945,403.21	(\$109,767.30)	(2.22%)
Fund 20 - Supplemental Maj Mnt Fund Totals	\$0.00	(\$142,282.00)	\$142,282.00	100.00%
Fund Type Special Revenue Funds Totals	\$0.00	(\$142,282.00)	\$142,282.00	100.00%
Fund Category Governmental Funds Totals	\$0.00	(\$142,282.00)	\$142,282.00	100.00%
Grand Totals	\$0.00	(\$142,282.00)	\$142,282.00	100.00%



Revenue Budget Performance Report

Fiscal Year to Date 07/31/15

Include Rollup Account and Rollup to Account

Account	Account Description	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% used/	Prior Year YTD
Fund 20 - Supplemental Maj Mnt Fund								
Function 8 - Operations								
REVENUE								
Revenue								
4100	Oil/Gas Revenues	.00	11,652.13	.00	15,026.05	(15,026.05)	+++	108,276.76
Revenue Totals		\$0.00	\$11,652.13	\$0.00	\$15,026.05	(\$15,026.05)	+++	\$108,276.76
REVENUE TOTALS		\$0.00	\$11,652.13	\$0.00	\$15,026.05	(\$15,026.05)	+++	\$108,276.76
Function 8 - Operations Totals								
Function 9 - Administration		\$0.00	\$11,652.13	\$0.00	\$15,026.05	(\$15,026.05)	+++	\$108,276.76
REVENUE								
Revenue								
4500	Interest Income	.00	162.01	.00	6,486.88	(6,486.88)	+++	4,719.16
Revenue Totals		\$0.00	\$162.01	\$0.00	\$6,486.88	(\$6,486.88)	+++	\$4,719.16
REVENUE TOTALS		\$0.00	\$162.01	\$0.00	\$6,486.88	(\$6,486.88)	+++	\$4,719.16
Function 9 - Administration Totals								
Function 9 - Administration Totals		\$0.00	\$162.01	\$0.00	\$6,486.88	(\$6,486.88)	+++	\$4,719.16
Fund 20 - Supplemental Maj Mnt Fund Totals		\$0.00	\$11,814.14	\$0.00	\$21,512.93	(\$21,512.93)		\$112,995.92
Grand Totals								
Grand Totals		\$0.00	\$11,814.14	\$0.00	\$21,512.93	(\$21,512.93)		\$112,995.92



Revenue Budget by Organization Report

Through 07/31/15
Prior Fiscal Year Activity Included
Summary Listing

Organization		Amended	Current	YTD	YTD Budget - YTD	%
Fund 20 - Supplemental Maj Mnt Fund		Budget	Transactions	Encumbrance	Transactions	Rec'd
REVENUE						Prior Year
Function 8 - Operations						
Location 100 - Administrative Office						
Activity 990 - General		.00	11,652.13	.00	15,026.05	+++ 108,276.76
Location 100 - Administrative Office		\$0.00	\$11,652.13	\$0.00	\$15,026.05	+++ \$108,276.76
Function 8 - Operations Totals		\$0.00	\$11,652.13	\$0.00	\$15,026.05	+++ \$108,276.76
Function 9 - Administration						
Location 100 - Administrative Office						
Activity 990 - General		.00	162.01	.00	6,486.88	+++ 4,719.16
Location 100 - Administrative Office		\$0.00	\$162.01	\$0.00	\$6,486.88	+++ \$4,719.16
Function 9 - Administration Totals		\$0.00	\$162.01	\$0.00	\$6,486.88	+++ \$4,719.16
REVENUE TOTALS		\$0.00	\$11,814.14	\$0.00	\$21,512.93	+++ \$112,995.92
Fund 20 - Supplemental Maj Mnt Fund Totals		\$0.00	\$11,814.14	\$0.00	\$21,512.93	\$112,995.92
Grand Totals						
		\$0.00	\$11,814.14	\$0.00	\$21,512.93	\$112,995.92



Expense Budget Performance Report

Fiscal Year to Date 07/31/15

Include Rollup Account and Rollup to Account

Account	Account Description	Amended Budget	Current Transactions	YTD Encumbrance	YTD Transactions	Budget - YTD Transactions	Rec'd	%	Prior Year
Fund 20	Supplemental Maj Mnt Fund								
Function 5	Capital								
	EXPENSE								
	Personnel Services								
9010	Full Time Wages	.00	377.34	.00	55,901.34	(55,901.34)	+++	15,838.81	
9013	FT Benefits Pd to Emps	.00	15.00	.00	147.00	(147.00)	+++	.00	
9014	FT Benefits Pd for Emps	.00	289.60	.00	1,881.60	(1,881.60)	+++	.00	
	Personnel Services Totals	\$0.00	\$681.94	\$0.00	\$57,929.94	(\$57,929.94)	+++	\$15,838.81	
	Contractual Services								
9420	Outside Services	.00	43,700.50	77,153.65	34,120.72	(111,274.37)	+++	48,740.08	
	Contractual Services Totals	\$0.00	\$43,700.50	\$77,153.65	\$34,120.72	(\$111,274.37)	+++	\$48,740.08	
	EXPENSE TOTALS	\$0.00	\$44,382.44	\$77,153.65	\$92,050.66	(\$169,204.31)	+++	\$64,578.89	
	Function 5 - Capital Totals	\$0.00	\$44,382.44	\$77,153.65	\$92,050.66	(\$169,204.31)	+++	\$64,578.89	
Function 7	Major Maintenance								
	EXPENSE								
	Personnel Services								
9010	Full Time Wages	.00	.00	.00	.00	.00	+++	10,272.03	
	Personnel Services Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++	\$10,272.03	
	Contractual Services								
9420	Outside Services	.00	.00	.00	.00	.00	+++	180,427.00	
	Contractual Services Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++	\$180,427.00	
	EXPENSE TOTALS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++	\$190,699.03	
	Function 7 - Major Maintenance Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++	\$190,699.03	
Fund 20	Supplemental Maj Mnt Fund Totals	\$0.00	\$44,382.44	\$77,153.65	\$92,050.66	(\$169,204.31)		\$255,277.92	
	Grand Totals	\$0.00	\$44,382.44	\$77,153.65	\$92,050.66	(\$169,204.31)		\$255,277.92	



Expense Budget by Organization Report

Through 07/31/15
Prior Fiscal Year Activity Included
Summary Listing

Organization		Amended Budget	Current Transactions	YTD Encumbrance	YTD Transactions	Budget - YTD Transactions	Rec'd	Prior Year
Fund 20 - Supplemental Maj Mnt Fund								
EXPENSE								
Function 5 - Capital								
Location 102 - Lake St. Clair								
Activity	192 - Engineering	.00	.00	.00	.00	.00	+++	.00
Location 102 - Lake St. Clair Totals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++	\$0.00
Location 104 - Kensington								
Activity	192 - Engineering	.00	.00	.00	.00	.00	+++	.00
Activity	990 - General	.00	.00	.00	.00	.00	+++	345.76
Location 104 - Kensington Totals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++	\$345.76
Location 106 - Lower Huron/Will/Oakwoods								
Activity	192 - Engineering	.00	.00	.00	.00	.00	+++	.00
Activity	990 - General	.00	.00	.00	.00	.00	+++	.00
Location 106 - Lower Huron/Will/Oakwoods Totals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++	\$0.00
Location 109 - Stony Creek								
Activity	192 - Engineering	.00	(2.80)	.00	233.73	(233.73)	+++	10,432.32
Activity	990 - General	.00	44,385.24	77,153.65	91,816.93	(168,970.58)	+++	53,800.81
Location 109 - Stony Creek Totals		\$0.00	\$44,382.44	\$77,153.65	\$92,050.66	(\$169,204.31)	+++	\$64,233.13
Location 112 - Lake Erie								
Activity	990 - General	.00	.00	.00	.00	.00	+++	.00
Location 112 - Lake Erie Totals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++	\$0.00
Function 5 - Capital Totals								
Location 112 - Lake Erie Totals		\$0.00	\$44,382.44	\$77,153.65	\$92,050.66	(\$169,204.31)	+++	\$64,578.89
Function 7 - Major Maintenance								
Location 104 - Kensington								
Activity	990 - General	.00	.00	.00	.00	.00	+++	.00
Location 104 - Kensington Totals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++	\$0.00
Location 106 - Lower Huron/Will/Oakwoods								
Activity	990 - General	.00	.00	.00	.00	.00	+++	.00
Location 106 - Lower Huron/Will/Oakwoods Totals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++	\$0.00
Location 109 - Stony Creek								
Activity	990 - General	.00	.00	.00	.00	.00	+++	.00
Location 109 - Stony Creek Totals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++	\$0.00



Expense Budget by Organization Report

Through 07/31/15
Prior Fiscal Year Activity Included
Summary Listing

Organization		Amended	Current		YTD	YTD		Budget - YTD		%	
		Budget	Transactions	Encumbrance	Transactions	Transactions	Transactions	Transactions	Transactions	Rec'd	Prior Year
Activity	990 - General	.00	.00	.00	.00	.00	.00	.00	.00	+++	190,699.03
Location	109 - Stony Creek Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++	\$190,699.03
Function	7 - Major Maintenance Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++	\$190,699.03
	EXPENSE TOTALS	\$0.00	\$44,382.44	\$77,153.65	\$92,050.66	\$92,050.66	(\$169,204.31)	(\$169,204.31)	(\$169,204.31)	+++	\$255,277.92
Fund	20 - Supplemental Maj Mt Fund Totals	\$0.00	\$44,382.44	\$77,153.65	\$92,050.66	\$92,050.66	(\$169,204.31)	(\$169,204.31)	(\$169,204.31)		\$255,277.92
Grand Totals		\$0.00	\$44,382.44	\$77,153.65	\$92,050.66	\$92,050.66	(\$169,204.31)	(\$169,204.31)	(\$169,204.31)		\$255,277.92

Payment Register

From Payment Date: 7/1/2015 - To Payment Date: 7/31/2015

Number	Date	Status	Void Reason	Reconciled /		Payee Name	Transaction		Difference
				Voided Date	Source		Amount	Amount	
1-Comerica - Comerica Bank Checking									
<u>Check</u>									
238129	07/01/2015	Open			Accounts Payable	ABC Home & Commercial Services	\$2,844.00		
238130	07/01/2015	Open			Accounts Payable	Accuform Printing and Graphics	\$2,289.00		
238131	07/01/2015	Open			Accounts Payable	Accurate Wildlife Eviction	\$525.00		
238132	07/01/2015	Open			Accounts Payable	Acee Deucee Porta Can Div	\$528.00		
238133	07/01/2015	Open			Accounts Payable	Advanced Pool Services Inc	\$21,322.00		
238134	07/01/2015	Open			Accounts Payable	Am Dyn Ic Fluid Power Inc	\$179.71		
238135	07/01/2015	Open			Accounts Payable	American Awards & Engraving	\$26.00		
238136	07/01/2015	Open			Accounts Payable	Anderson Eckstein & Westrick	\$2,227.00		
238137	07/01/2015	Open			Accounts Payable	Aquatic Source	\$7,004.69		
238138	07/01/2015	Open			Accounts Payable	Baker's Gas & Welding Supplies	\$166.60		
238139	07/01/2015	Open			Accounts Payable	Banotai Greenhouse	\$643.00		
238140	07/01/2015	Open			Accounts Payable	Boat Hoise USA, Inc	\$2,850.00		
238141	07/01/2015	Open			Accounts Payable	Bostwick Braun Company	\$482.53		
238142	07/01/2015	Open			Accounts Payable	Bostwick Braun Company	\$653.98		
238143	07/01/2015	Open			Accounts Payable	Brownstown Township Water Dept	\$5,777.91		
238144	07/01/2015	Open			Accounts Payable	Cadillac Asphalt LLC	\$142.60		
238145	07/01/2015	Open			Accounts Payable	Carleton Farms Landfill	\$242.96		
238146	07/01/2015	Open			Accounts Payable	Cormic Services	\$236.00		
238147	07/01/2015	Open			Accounts Payable	Crittenton Hospital	\$172.00		
238148	07/01/2015	Open			Accounts Payable	Crooked Creek Farm Dairy	\$424.75		
238149	07/01/2015	Open			Accounts Payable	Custom Brick Work	\$2,000.00		
238150	07/01/2015	Open			Accounts Payable	D T E Energy	\$258.21		
238151	07/01/2015	Open			Accounts Payable	D T E Energy	\$64,604.53		
238152	07/01/2015	Open			Accounts Payable	D.C. Byers Co., Inc	\$2,500.00		
238153	07/01/2015	Open			Accounts Payable	DeCovich Carpet Cleaning	\$125.00		
238154	07/01/2015	Open			Accounts Payable	Dexter Garage Door LLC	\$185.50		
238155	07/01/2015	Open			Accounts Payable	DHT Transportation	\$200.00		
238156	07/01/2015	Open			Accounts Payable	Dick Coulter Inc	\$1,216.32		
238157	07/01/2015	Open			Accounts Payable	Eradico Services, Inc	\$256.00		
238158	07/01/2015	Open			Accounts Payable	Federal Express	\$263.32		

Payment Register

From Payment Date: 7/1/2015 - To Payment Date: 7/31/2015

Number	Date	Status	Void Reason	Reconciled /		Payee Name	Transaction		Difference
				Voided Date	Source		Amount	Amount	
238159	07/01/2015	Open			Accounts Payable	Fraser Mechanical, Inc.	\$2,721.26		
238160	07/01/2015	Open			Accounts Payable	Gloworks Imports Inc/Venture M	\$66.23		
238161	07/01/2015	Open			Accounts Payable	Golden Harvest Apiaries	\$356.74		
238162	07/01/2015	Open			Accounts Payable	Gordon Food Service	\$2,767.13		
238163	07/01/2015	Open			Accounts Payable	Home Depot	\$430.14		
238164	07/01/2015	Open			Accounts Payable	HP Products	\$1,606.37		
238165	07/01/2015	Open			Accounts Payable	Identity Source, The	\$12,754.70		
238166	07/01/2015	Open			Accounts Payable	Imprest Fund-Lake Erie	\$1,985.30		
238167	07/01/2015	Open			Accounts Payable	Imprest Fund-Wolcott Golf	\$2,243.70		
238168	07/01/2015	Open			Accounts Payable	Johnson Hill	\$1,980.00		
238169	07/01/2015	Open			Accounts Payable	Kerr Pump and Supply Inc	\$388.00		
238170	07/01/2015	Open			Accounts Payable	Kosch Hospitality LLC	\$4,119.60		
238171	07/01/2015	Open			Accounts Payable	Litter Gitter Inc	\$135.00		
238172	07/01/2015	Open			Accounts Payable	Lower Huron Supply Co.	\$601.97		
238173	07/01/2015	Open			Accounts Payable	Marjeanne's Creations	\$224.25		
238174	07/01/2015	Open			Accounts Payable	Matheson Tri-Gas	\$139.75		
238175	07/01/2015	Open			Accounts Payable	Michigan Cat	\$108,546.30		
238176	07/01/2015	Open			Accounts Payable	Midwest Medical Center	\$140.00		
238177	07/01/2015	Open			Accounts Payable	Miller, Canfield, Paddock &	\$6,330.20		
238178	07/01/2015	Open			Accounts Payable	Northwest Pools, Inc.	\$1,622.50		
238179	07/01/2015	Open			Accounts Payable	NuCo2	\$2,030.08		
238180	07/01/2015	Open			Accounts Payable	Occupational Health Centers	\$1,057.50		
238181	07/01/2015	Open			Accounts Payable	Original Watermen	\$244.85		
238182	07/01/2015	Open			Accounts Payable	Osburn Industries Inc	\$1,800.00		
238183	07/01/2015	Open			Accounts Payable	Pepsi-Cola Company	\$4,703.95		
238184	07/01/2015	Open			Accounts Payable	Petty Cash-Stony Creek	\$496.80		
238185	07/01/2015	Open			Accounts Payable	Professional Finish Inc.	\$2,046.65		
238186	07/01/2015	Open			Accounts Payable	Redford Lock Company of Novi	\$217.00		
238187	07/01/2015	Open			Accounts Payable	Residex, LLC	\$574.40		
238188	07/01/2015	Open			Accounts Payable	RKA Petroleum Co's	\$4,547.66		
238189	07/01/2015	Open			Accounts Payable	Romeo Ford Inc	\$1,631.25		
238190	07/01/2015	Open			Accounts Payable	Roofing Technology Assoc.	\$2,850.00		
238191	07/01/2015	Open			Accounts Payable	South Park Welding Supplies	\$54.26		

Payment Register

From Payment Date: 7/1/2015 - To Payment Date: 7/31/2015

Number	Date	Status	Void Reason	Reconciled /		Payee Name	Transaction		Difference
				Voided Date	Source		Amount	Amount	
238192	07/01/2015	Open			Accounts Payable	Sterling Office Systems	\$2,888.43		
238193	07/01/2015	Open			Accounts Payable	Suburban Propane	\$2,580.62		
238194	07/01/2015	Open			Accounts Payable	Suburban Sewer & Septic Tank	\$1,360.00		
238195	07/01/2015	Open			Accounts Payable	Swimsuit Station, LLC	\$830.28		
238196	07/01/2015	Open			Accounts Payable	Temperature Control, Inc.	\$271.00		
238197	07/01/2015	Open			Accounts Payable	Tire Wholesalers Company Inc	\$1,721.62		
238198	07/01/2015	Open			Accounts Payable	U S Ice Corp	\$408.85		
238199	07/01/2015	Open			Accounts Payable	US Foods	\$809.58		
238200	07/01/2015	Open			Accounts Payable	US Foods	\$13,810.73		
238201	07/01/2015	Open			Accounts Payable	Valmec	\$918.31		
238202	07/01/2015	Open			Accounts Payable	Van Eerden Foodservice	\$582.92		
238203	07/01/2015	Open			Accounts Payable	Vitale Brothers Bakery, Inc	\$520.52		
238204	07/01/2015	Open			Accounts Payable	Washington Elevator Co Inc	\$1,785.00		
238205	07/01/2015	Open			Accounts Payable	Weingartz Supply Company	\$506.04		
238206	07/01/2015	Open			Accounts Payable	Wilson Sporting Goods Company	\$87.76		
238207	07/01/2015	Open			Accounts Payable	Wilson Sporting Goods Company	\$561.11		
238208	07/08/2015	Open			Accounts Payable	Baaki, Rebecca	\$113.29		
238209	07/08/2015	Voided	Cancel invoice	07/14/2015	Accounts Payable	Bogas, Koncius & Croson, P.C.	\$758.60		
238210	07/08/2015	Open			Accounts Payable	Cisco WebEx, LLC	\$94.00		
238211	07/08/2015	Open			Accounts Payable	Clough, Lori	\$490.00		
238212	07/08/2015	Open			Accounts Payable	D T E Energy	\$10,320.29		
238213	07/08/2015	Open			Accounts Payable	DiPonio Contracting, Inc.	\$51,607.60		
238214	07/08/2015	Open			Accounts Payable	Equitable - Individual	\$7,673.00		
238215	07/08/2015	Open			Accounts Payable	Franchock, Rebecca	\$322.04		
238216	07/08/2015	Open			Accounts Payable	Fuller Oak Management, LLC	\$449.50		
238217	07/08/2015	Open			Accounts Payable	Harrell's LLC	\$5,887.05		
238218	07/08/2015	Open			Accounts Payable	Highway Maint. & Construction	\$56,602.91		
238219	07/08/2015	Open			Accounts Payable	Imprest Fund-Lake Erie	\$1,567.55		
238220	07/08/2015	Open			Accounts Payable	J. Ranck Electric Co.	\$30,324.00		
238221	07/08/2015	Open			Accounts Payable	Kilpatrick, Troy	\$780.00		
238222	07/08/2015	Open			Accounts Payable	Laube, Paul	\$780.00		
238223	07/08/2015	Open			Accounts Payable	Limbach Service Division	\$4,451.88		
238224	07/08/2015	Open			Accounts Payable	Miller, Larry T	\$780.00		

Payment Register

From Payment Date: 7/1/2015 - To Payment Date: 7/31/2015

Number	Date	Status	Void Reason	Reconciled /		Payee Name	Transaction		Difference
				Voided Date	Source		Amount	Amount	
238225	07/08/2015	Open			Accounts Payable	Oliverson, David	\$780.00	\$780.00	
238226	07/08/2015	Open			Accounts Payable	Palowoda, Deborah	\$780.00	\$780.00	
238227	07/08/2015	Open			Accounts Payable	Performance Creative Resources	\$1,625.00	\$1,625.00	
238228	07/08/2015	Open			Accounts Payable	Phillips, Timothy	\$243.80	\$243.80	
238229	07/08/2015	Open			Accounts Payable	Preston, George	\$780.00	\$780.00	
238230	07/08/2015	Open			Accounts Payable	Richard Paul & Associates	\$1,500.00	\$1,500.00	
238231	07/08/2015	Open			Accounts Payable	Richard Paul & Associates	\$700.00	\$700.00	
238232	07/08/2015	Open			Accounts Payable	Richard Paul & Associates	\$1,550.00	\$1,550.00	
238233	07/08/2015	Open			Accounts Payable	Ruhana, George M.	\$780.00	\$780.00	
238234	07/08/2015	Open			Accounts Payable	Struk, John	\$390.00	\$390.00	
238235	07/08/2015	Open			Accounts Payable	Wolverine Fireworks Display	\$38,500.00	\$38,500.00	
238236	07/08/2015	Open			Accounts Payable	Drake, Darren	\$800.00	\$800.00	
238237	07/08/2015	Open			Accounts Payable	Elijah, William , C	\$1,300.00	\$1,300.00	
238238	07/08/2015	Open			Accounts Payable	Guibord, Jaclyn	\$200.00	\$200.00	
238239	07/08/2015	Open			Accounts Payable	Hope Water Project	\$2,754.00	\$2,754.00	
238240	07/08/2015	Open			Accounts Payable	Ideal Floor Covering	\$1,935.00	\$1,935.00	
238241	07/08/2015	Open			Accounts Payable	Maffett , Stan	\$200.00	\$200.00	
238242	07/08/2015	Open			Accounts Payable	Sosa, Carlos	\$310.00	\$310.00	
238243	07/10/2015	Open			Accounts Payable	Abraham & Gaffney, P.C.	\$2,000.00	\$2,000.00	
238244	07/10/2015	Open			Accounts Payable	Allie Brothers, Inc	\$241.20	\$241.20	
238245	07/10/2015	Open			Accounts Payable	Athayde Shawn	\$168.94	\$168.94	
238246	07/10/2015	Voided	Paid on Pcard	07/21/2015	Accounts Payable	Auto One of Brighton	\$609.95	\$609.95	
238247	07/10/2015	Open			Accounts Payable	Berline	\$25,857.89	\$25,857.89	
238248	07/10/2015	Open			Accounts Payable	Brighton Ford-Mercury, Inc.	\$1,514.93	\$1,514.93	
238249	07/10/2015	Open			Accounts Payable	Chapp & Bushey Oil Company	\$4,884.24	\$4,884.24	
238250	07/10/2015	Open			Accounts Payable	Cruisers	\$17,176.25	\$17,176.25	
238251	07/10/2015	Open			Accounts Payable	Elifeguard, Inc	\$53.29	\$53.29	
238252	07/10/2015	Open			Accounts Payable	Gordon Food Service	\$1,148.31	\$1,148.31	
238253	07/10/2015	Open			Accounts Payable	Grainger Inc	\$981.48	\$981.48	
238254	07/10/2015	Open			Accounts Payable	H L Claeys and Company	\$486.00	\$486.00	
238255	07/10/2015	Open			Accounts Payable	Herkimer Radio Service	\$3,051.50	\$3,051.50	
238256	07/10/2015	Open			Accounts Payable	Highlander Graphics	\$1,323.75	\$1,323.75	
238257	07/10/2015	Open			Accounts Payable	Imprest Fund-Hud Mills	\$1,386.70	\$1,386.70	

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				Voided Date				Amount	Amount	
238258	07/10/2015	Open				Accounts Payable	Imprest Fund-Huron Meadows	\$1,835.80		
238259	07/10/2015	Open				Accounts Payable	J A Lombardo & Associates Inc	\$1,508.00		
238260	07/10/2015	Open				Accounts Payable	Jamestown Advanced Products Co	\$18,264.00		
238261	07/10/2015	Open				Accounts Payable	John Deere Landscapes	\$255.07		
238262	07/10/2015	Open				Accounts Payable	LexisNexis	\$896.04		
238263	07/10/2015	Open				Accounts Payable	Livingston County	\$666.66		
238264	07/10/2015	Open				Accounts Payable	Macomb Community College	\$165.00		
238265	07/10/2015	Open				Accounts Payable	Macomb County Treasurer	\$830.00		
238266	07/10/2015	Open				Accounts Payable	Metro Concrete Incorporated	\$3,400.00		
238267	07/10/2015	Open				Accounts Payable	Metro Sanitation	\$8,153.38		
238268	07/10/2015	Open				Accounts Payable	Michigan Philharmonic	\$12,500.00		
238269	07/10/2015	Open				Accounts Payable	Mid American AEL, LLC	\$1,039.90		
238270	07/10/2015	Open				Accounts Payable	Mike's Pump Service, Inc.	\$879.00		
238271	07/10/2015	Open				Accounts Payable	Mt Clemens Glass & Mirr Co Inc	\$188.40		
238272	07/10/2015	Open				Accounts Payable	Oakland Community College	\$250.00		
238273	07/10/2015	Open				Accounts Payable	Occupational Health Centers	\$284.50		
238274	07/10/2015	Open				Accounts Payable	Office Max	\$92.45		
238275	07/10/2015	Open				Accounts Payable	Pepsi-Cola Company	\$8,753.98		
238276	07/10/2015	Open				Accounts Payable	Performance Environmental Ser	\$850.00		
238277	07/10/2015	Open				Accounts Payable	Pyramide USA	\$9,097.00		
238278	07/10/2015	Open				Accounts Payable	Rolyan Buoys	\$904.00		
238279	07/10/2015	Open				Accounts Payable	South Park Welding Supplies	\$54.26		
238280	07/10/2015	Open				Accounts Payable	Speciality Veh.Operation Cons.	\$4,000.00		
238281	07/10/2015	Open				Accounts Payable	Stanley Industries Inc	\$194.00		
238282	07/10/2015	Open				Accounts Payable	Streby, Amanda	\$1,370.00		
238283	07/10/2015	Open				Accounts Payable	Superior Groundcover, Inc.	\$9,555.00		
238284	07/10/2015	Open				Accounts Payable	SupplyDen	\$245.50		
238285	07/10/2015	Open				Accounts Payable	Van Eerden Foodservice	\$1,894.48		
238286	07/10/2015	Open				Accounts Payable	Waste Mgmt - East	\$2,539.89		
238287	07/10/2015	Voided	Paid on Pcard	08/03/2015		Accounts Payable	Weingartz Supply Company	\$524.65		
238288	07/10/2015	Open				Accounts Payable	Boggs, Krystin	\$200.00		
238289	07/10/2015	Open				Accounts Payable	Kogelmann's Creek-Side Sod Farm,	\$654.50		
238290	07/14/2015	Open				Accounts Payable	Consumers Energy Company	\$36.59		

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				Voided Date	Amount			Amount	Amount	
238291	07/14/2015	Open			Accounts Payable	D T E Energy		\$35,346.24		
238292	07/14/2015	Open			Accounts Payable	Frontier		\$1,119.05		
238293	07/14/2015	Open			Accounts Payable	Imprest Fund - Kensington		\$2,158.25		
238294	07/14/2015	Open			Accounts Payable	Imprest Fund-Indian Springs		\$1,841.30		
238295	07/14/2015	Open			Accounts Payable	RKA Petroleum Co's		\$20,611.51		
238296	07/14/2015	Open			Accounts Payable	SEMO Energy		\$959.25		
238297	07/14/2015	Open			Accounts Payable	Suburban Propane		\$4,079.84		
238298	07/14/2015	Open			Accounts Payable	US Bank Voyager Fleet Systems		\$162.34		
238299	07/14/2015	Open			Accounts Payable	VanLeuven Jr., James H.		\$768.75		
238300	07/14/2015	Open			Accounts Payable	Vantagepoint Transfer Agents		\$15,908.67		
238301	07/14/2015	Open			Accounts Payable	Vantagepoint Transfer Agents		\$22,954.14		
238302	07/14/2015	Open			Accounts Payable	Verizon Wireless		\$1,906.95		
238303	07/14/2015	Open			Accounts Payable	Washtenaw County Treasurer		\$752.25		
238304	07/20/2015	Open			Accounts Payable	Ahern Contracting, INC		\$35,591.41		
238305	07/20/2015	Open			Accounts Payable	Brock and Associates, Inc.		\$24,822.23		
238306	07/20/2015	Open			Accounts Payable	Matzak, Inc		\$81,911.28		
238307	07/21/2015	Open			Accounts Payable	Amerinet		\$2,250.00		
238308	07/21/2015	Open			Accounts Payable	Andersen, David		\$576.00		
238309	07/21/2015	Open			Accounts Payable	Anderson Eckstein & Westrick		\$960.00		
238310	07/21/2015	Open			Accounts Payable	Apac Paper & Packaging Corp		\$604.05		
238311	07/21/2015	Open			Accounts Payable	Arcadia Benefits Group, Inc		\$69.00		
238312	07/21/2015	Open			Accounts Payable	Arctic Glacier Premium Ice		\$145.80		
238313	07/21/2015	Open			Accounts Payable	Cavallaro, Debra		\$34.80		
238314	07/21/2015	Open			Accounts Payable	CDW Government		\$1,080.00		
238315	07/21/2015	Open			Accounts Payable	Center Line Electric		\$9,399.49		
238316	07/21/2015	Open			Accounts Payable	Chapp & Bushey Oil Company		\$4,848.16		
238317	07/21/2015	Open			Accounts Payable	Equitable - Individual		\$14,373.00		
238318	07/21/2015	Open			Accounts Payable	F J F Door Sales Company		\$4,564.00		
238319	07/21/2015	Open			Accounts Payable	Faster Asset Solutions by CCG		\$11,654.45		
238320	07/21/2015	Open			Accounts Payable	Fidelity Security Life Ins		\$1,974.26		
238321	07/21/2015	Open			Accounts Payable	Fraser Mechanical, Inc.		\$8,495.45		
238322	07/21/2015	Open			Accounts Payable	Galls, Inc.		\$95.75		
238323	07/21/2015	Open			Accounts Payable	Galls, Inc.		\$587.21		

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				Voided Date	Amount			Amount	Amount	
238324	07/21/2015	Open			Accounts Payable	Golden Harvest Apiaries		\$100.00		
238325	07/21/2015	Open			Accounts Payable	Gordon Food Service		\$1,034.49		
238326	07/21/2015	Open			Accounts Payable	Great Lakes Security Hardware		\$71.50		
238327	07/21/2015	Open			Accounts Payable	H Domine Enterprises, Inc.		\$470.35		
238328	07/21/2015	Open			Accounts Payable	Hertel, John C		\$150.00		
238329	07/21/2015	Open			Accounts Payable	Hi-Tech Safe & Lock Company		\$135.00		
238330	07/21/2015	Open			Accounts Payable	Jabebo LLC		\$329.00		
238331	07/21/2015	Open			Accounts Payable	Jamestown Advanced Products Co		\$4,911.00		
238332	07/21/2015	Open			Accounts Payable	Joe's Bait & Tackle, Inc		\$35.00		
238333	07/21/2015	Open			Accounts Payable	John's Lumber & Hardware		\$194.72		
238334	07/21/2015	Open			Accounts Payable	John's Sanitation Inc.		\$6,301.00		
238335	07/21/2015	Open			Accounts Payable	Johnston Lithograph Inc		\$5,906.00		
238336	07/21/2015	Open			Accounts Payable	Kennedy Industries Inc		\$2,685.00		
238337	07/21/2015	Open			Accounts Payable	L.J.Rolls Refrigeration		\$680.00		
238338	07/21/2015	Open			Accounts Payable	LaBelle, John E.		\$150.00		
238339	07/21/2015	Open			Accounts Payable	LaserComp, Inc		\$140.00		
238340	07/21/2015	Open			Accounts Payable	Loren A. Weaver, DVM, P.C.		\$475.00		
238341	07/21/2015	Open			Accounts Payable	Macomb County Road Commission		\$198.00		
238342	07/21/2015	Open			Accounts Payable	Marans, Robert W.		\$120.00		
238343	07/21/2015	Open			Accounts Payable	Marrocco, Anthony V.		\$150.00		
238344	07/21/2015	Open			Accounts Payable	Milarch Nursery		\$954.50		
238345	07/21/2015	Open			Accounts Payable	Mt Clemens Glass & Mirr Co Inc		\$280.88		
238346	07/21/2015	Open			Accounts Payable	NuCo2		\$1,086.60		
238347	07/21/2015	Open			Accounts Payable	Oakland County Treasurer		\$281.00		
238348	07/21/2015	Open			Accounts Payable	Oakland County Treasurer		\$30.00		
238349	07/21/2015	Open			Accounts Payable	Office Depot		\$156.34		
238350	07/21/2015	Open			Accounts Payable	Parker, Jr, Bernard		\$150.00		
238351	07/21/2015	Open			Accounts Payable	Pepsi-Cola Company		\$5,844.55		
238352	07/21/2015	Open			Accounts Payable	Personal Touch Cleaning		\$375.00		
238353	07/21/2015	Open			Accounts Payable	Petty Cash-Indian Springs		\$214.33		
238354	07/21/2015	Open			Accounts Payable	Providence Occupational Health		\$286.00		
238355	07/21/2015	Open			Accounts Payable	Quadrozzi, Jaye		\$150.00		
238356	07/21/2015	Open			Accounts Payable	Quality Incentive Company		\$1,450.00		

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				Voided Date	Amount			Amount	Amount	
238357	07/21/2015	Open			Accounts Payable	RKA Petroleum Co's		\$8,473.77		
238358	07/21/2015	Open			Accounts Payable	Sam's Club		\$751.83		
238359	07/21/2015	Open			Accounts Payable	Sani-Vac		\$500.00		
238360	07/21/2015	Open			Accounts Payable	Shred Legal		\$225.00		
238361	07/21/2015	Open			Accounts Payable	Spartan Distributors Inc		\$6,869.87		
238362	07/21/2015	Open			Accounts Payable	Spartan Distributors Inc		\$10,500.00		
238363	07/21/2015	Open			Accounts Payable	Stanley Industries Inc		\$336.80		
238364	07/21/2015	Open			Accounts Payable	Suburban Sewer & Septic Tank		\$790.00		
238365	07/21/2015	Open			Accounts Payable	Tire Wholesalers Company Inc		\$1,463.50		
238366	07/21/2015	Open			Accounts Payable	Tower Optical Company Inc, The		\$150.88		
238367	07/21/2015	Open			Accounts Payable	Tractor Supply Company		\$41.98		
238368	07/21/2015	Open			Accounts Payable	Tri Turf		\$1,347.29		
238369	07/21/2015	Open			Accounts Payable	Ulliance		\$1,623.78		
238370	07/21/2015	Voided	Incorrect Vendor on Invoice(s)	08/03/2015	Accounts Payable	United States Postal Service		\$121.83		
238371	07/21/2015	Open			Accounts Payable	US Foods		\$21,909.92		
238372	07/21/2015	Open			Accounts Payable	Utter, John		\$87.70		
238373	07/21/2015	Open			Accounts Payable	Valmec		\$209.75		
238374	07/21/2015	Open			Accounts Payable	Westwind Milling Co., LLC		\$201.00		
238375	07/21/2015	Open			Accounts Payable	Wolke, Mara, D		\$103.72		
238376	07/21/2015	Open			Accounts Payable	Wolverine Fireworks Display		\$23,943.17		
238377	07/21/2015	Open			Accounts Payable	Wolverton, Mike		\$550.00		
238378	07/21/2015	Open			Accounts Payable	Wristband Resources		\$395.07		
238379	07/21/2015	Open			Accounts Payable	Zebec of North America, Inc.		\$7,389.05		
238380	07/21/2015	Open			Accounts Payable	Gardner Elementary		\$182.00		
238381	07/21/2015	Open			Accounts Payable	Gardner Elementary		\$182.00		
238382	07/21/2015	Open			Accounts Payable	Mustin, Michelle		\$50.00		
238383	07/21/2015	Open			Accounts Payable	Roberts Company		\$360.00		
238384	07/23/2015	Open			Accounts Payable	Champion, Ross		\$600.00		
238385	07/23/2015	Open			Accounts Payable	Richard Paul & Associates		\$600.00		
238386	07/23/2015	Open			Accounts Payable	Richard Paul & Associates		\$800.00		
238387	07/23/2015	Open			Accounts Payable	Simone Vital Band, Simone, Vitale		\$2,300.00		

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238388	07/23/2015	Open			Accounts Payable	Strain, Craig	\$1,600.00		
238389	07/23/2015	Open			Accounts Payable	Sun Music International, LLC,	\$1,600.00		
238390	07/23/2015	Open			Accounts Payable	Fikany, Mark	\$1,600.00		
238391	07/27/2015	Open			Accounts Payable	A T & T	\$11,546.41		
238392	07/27/2015	Open			Accounts Payable	Consumers Energy Company	\$745.31		
238393	07/27/2015	Open			Accounts Payable	D T E Energy	\$151.19		
238394	07/27/2015	Open			Accounts Payable	D T E Energy	\$45,123.85		
238395	07/27/2015	Open			Accounts Payable	Harrison Township Water &	\$21,703.82		
238396	07/27/2015	Open			Accounts Payable	RKA Petroleum Co's	\$12,305.46		
238397	07/27/2015	Open			Accounts Payable	Suburban Installers	\$240.00		
238398	07/27/2015	Open			Accounts Payable	Suburban Propane	\$1,829.18		
238399	07/27/2015	Open			Accounts Payable	Superior Groundcover, Inc.	\$2,940.00		
238400	07/27/2015	Open			Accounts Payable	Gokul, Tayade	\$200.00		
238401	07/27/2015	Open			Accounts Payable	Adviso, Inc.	\$1,200.00		
238402	07/27/2015	Open			Accounts Payable	Arcadia Benefits Group, Inc	\$84.75		
238403	07/27/2015	Open			Accounts Payable	ASTI Environmental	\$1,800.00		
238404	07/27/2015	Open			Accounts Payable	Bell, Mary Ann	\$150.61		
238405	07/27/2015	Open			Accounts Payable	Berline	\$9,100.68		
238406	07/27/2015	Open			Accounts Payable	Big PDQ	\$321.83		
238407	07/27/2015	Open			Accounts Payable	Birk's Works Environmental LLC	\$2,348.00		
238408	07/27/2015	Open			Accounts Payable	Blue Cross/Blue Shield Of Mich	\$156,486.28		
238409	07/27/2015	Open			Accounts Payable	Center Line Electric	\$49,534.90		
238410	07/27/2015	Open			Accounts Payable	Chelsea, City of	\$162.00		
238411	07/27/2015	Open			Accounts Payable	Cribley Drilling Company	\$277.50		
238412	07/27/2015	Open			Accounts Payable	Cruisers	\$16,632.00		
238413	07/27/2015	Open			Accounts Payable	DeCovich Carpet Cleaning	\$125.00		
238414	07/27/2015	Open			Accounts Payable	Delta Dental	\$16,177.71		
238415	07/27/2015	Open			Accounts Payable	Equitable - Individual	\$2,502.81		
238416	07/27/2015	Open			Accounts Payable	Federal Express	\$274.44		
238417	07/27/2015	Open			Accounts Payable	Fidelity Security Life Ins	\$1,978.61		
238418	07/27/2015	Open			Accounts Payable	Finkel, Whitefield, Selik,	\$2,070.00		
238419	07/27/2015	Open			Accounts Payable	Fonson, Inc	\$640.00		
238420	07/27/2015	Open			Accounts Payable	Fraser Mechanical, Inc.	\$2,739.56		

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				Voided Date	Source		Amount	Amount	
238421	07/27/2015	Open			Accounts Payable	Gabriel Roeder Smith & Co	\$36,500.00		
238422	07/27/2015	Open			Accounts Payable	Gordon Food Service	\$2,093.86		
238423	07/27/2015	Open			Accounts Payable	Grainger Inc	\$3,222.38		
238424	07/27/2015	Open			Accounts Payable	Greater Romeo Washington	\$85.00		
238425	07/27/2015	Open			Accounts Payable	Harrell's LLC	\$3,820.09		
238426	07/27/2015	Open			Accounts Payable	Highland Wash Managemt LLC	\$60.00		
238427	07/27/2015	Open			Accounts Payable	Highlander Graphics	\$125.50		
238428	07/27/2015	Open			Accounts Payable	Home Depot	\$7,370.31		
238429	07/27/2015	Open			Accounts Payable	Hotsy Midwest Cleaning System	\$199.00		
238430	07/27/2015	Open			Accounts Payable	HP Products	\$798.75		
238431	07/27/2015	Open			Accounts Payable	Huron Township, Charter Of	\$6,762.08		
238432	07/27/2015	Open			Accounts Payable	Identity Source, The	\$19,692.13		
238433	07/27/2015	Open			Accounts Payable	Imprest Fund-Hud Mills	\$1,354.40		
238434	07/27/2015	Open			Accounts Payable	Imprest Fund-Huron Meadows	\$1,341.10		
238435	07/27/2015	Open			Accounts Payable	Imprest Fund-Indian Springs	\$1,395.65		
238436	07/27/2015	Open			Accounts Payable	Imprest Fund-Willow	\$1,503.00		
238437	07/27/2015	Open			Accounts Payable	J.J. Jinkleheimer & Company	\$3,628.74		
238438	07/27/2015	Open			Accounts Payable	Jamestown Advanced Products Co	\$4,333.00		
238439	07/27/2015	Open			Accounts Payable	Joe Ballor Towing Inc	\$75.00		
238440	07/27/2015	Open			Accounts Payable	John Deere Landscapes	\$1,136.86		
238441	07/27/2015	Open			Accounts Payable	Juchartz, David D	\$100.00		
238442	07/27/2015	Open			Accounts Payable	Kerr Pump and Supply Inc	\$1,456.00		
238443	07/27/2015	Open			Accounts Payable	Kosch Hospitality LLC	\$4,115.70		
238444	07/27/2015	Open			Accounts Payable	Lincoln Financial Group	\$7,700.69		
238445	07/27/2015	Open			Accounts Payable	Lower Huron Supply Co.	\$1,085.77		
238446	07/27/2015	Open			Accounts Payable	Michigan Dept of Environmental	\$326.15		
238447	07/27/2015	Open			Accounts Payable	Michigan Electric Supply Co	\$303.63		
238448	07/27/2015	Open			Accounts Payable	Michigan Truck Parts	\$300.00		
238449	07/27/2015	Open			Accounts Payable	New World Systems Inc	\$73.10		
238450	07/27/2015	Open			Accounts Payable	Northwest Pools, Inc.	\$4,410.50		
238451	07/27/2015	Open			Accounts Payable	NuCo2	\$990.13		
238452	07/27/2015	Open			Accounts Payable	Orchard Chrysler Dodge	\$1,584.90		
238453	07/27/2015	Open			Accounts Payable	Paint Creek Center for the Arts	\$3,500.00		

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				Voided Date	Source		Amount	Amount	
238454	07/27/2015	Open			Accounts Payable	Pepsi-Cola Company	\$4,298.95		
238455	07/27/2015	Open			Accounts Payable	Performance Creative Resources	\$1,075.00		
238456	07/27/2015	Open			Accounts Payable	Pinckney Auto Wash	\$60.00		
238457	07/27/2015	Open			Accounts Payable	Positive Promotions	\$2,013.75		
238458	07/27/2015	Open			Accounts Payable	Quality Incentive Company	\$250.00		
238459	07/27/2015	Open			Accounts Payable	Ralph's Wholesale Live Bait	\$165.00		
238460	07/27/2015	Open			Accounts Payable	Residex, LLC	\$532.99		
238461	07/27/2015	Open			Accounts Payable	Roofing Technology Assoc.	\$2,535.00		
238462	07/27/2015	Open			Accounts Payable	Schoolcraft College	\$250.00		
238463	07/27/2015	Open			Accounts Payable	Serra Buick Pontiac GMC, LLC	\$2,420.25		
238464	07/27/2015	Open			Accounts Payable	Sherman Masonry	\$2,100.00		
238465	07/27/2015	Open			Accounts Payable	Signature Ford	\$21,021.00		
238466	07/27/2015	Open			Accounts Payable	SkillPath Seminars	\$460.38		
238467	07/27/2015	Open			Accounts Payable	Suburban Propane	\$1,812.33		
238468	07/27/2015	Open			Accounts Payable	Tire Wholesalers Company Inc	\$4,630.28		
238469	07/27/2015	Open			Accounts Payable	U.S. Postal Service, Lower Huron	\$400.00		
238470	07/27/2015	Open			Accounts Payable	Vantagepoint Transfer Agents	\$16,356.47		
238471	07/27/2015	Open			Accounts Payable	Vantagepoint Transfer Agents	\$23,149.91		
238472	07/27/2015	Open			Accounts Payable	Verizon Wireless	\$2,121.25		
238473	07/27/2015	Open			Accounts Payable	Walt's Crawlers	\$620.00		
238474	07/27/2015	Open			Accounts Payable	Washtenaw Community College	\$165.00		
238475	07/27/2015	Open			Accounts Payable	World Waterpark Association	\$395.00		
238476	07/27/2015	Open			Accounts Payable	Charter Township of Oakland	\$250.00		
238477	07/27/2015	Open			Accounts Payable	Riendeau, Debbie	\$350.00		
238478	07/30/2015	Open			Accounts Payable	A T & T	\$25,338.56		
238479	07/30/2015	Open			Accounts Payable	Apac Paper & Packaging Corp	\$1,131.75		
238480	07/30/2015	Open			Accounts Payable	Applied Science, Inc.	\$3,741.64		
238481	07/30/2015	Open			Accounts Payable	Aquatic Nuisance Plant Control	\$7,830.00		
238482	07/30/2015	Open			Accounts Payable	Big Water Technologies	\$557.00		
238483	07/30/2015	Open			Accounts Payable	Biospec Products, Inc.	\$2,274.00		
238484	07/30/2015	Open			Accounts Payable	Bostwick Braun Company	\$559.52		
238485	07/30/2015	Open			Accounts Payable	Brownstown Township Water Dept	\$3,202.56		
238486	07/30/2015	Open			Accounts Payable	Cadillac Asphalt LLC	\$213.00		

Payment Register

From Payment Date: 7/1/2015 - To Payment Date: 7/31/2015

Number	Date	Status	Void Reason	Reconciled/ Voided Date	Source	Payee Name	Transaction		Difference
							Amount	Amount	
238487	07/30/2015	Open			Accounts Payable	Cannon Truck Equipment	\$799.26		
238488	07/30/2015	Open			Accounts Payable	Carleton Farms Landfill	\$83.11		
238489	07/30/2015	Open			Accounts Payable	CDW Government	\$1,423.00		
238490	07/30/2015	Open			Accounts Payable	Chapp & Bushey Oil Company	\$28,820.50		
238491	07/30/2015	Open			Accounts Payable	Civitas IT	\$6,000.54		
238492	07/30/2015	Open			Accounts Payable	Conney Safety Products, LLC	\$318.56		
238493	07/30/2015	Open			Accounts Payable	Crooked Creek Farm Dairy	\$300.00		
238494	07/30/2015	Open			Accounts Payable	F J F Door Sales Company	\$215.00		
238495	07/30/2015	Open			Accounts Payable	Galls, Inc.	\$39.75		
238496	07/30/2015	Open			Accounts Payable	Harrell's LLC	\$5,109.46		
238497	07/30/2015	Open			Accounts Payable	Heritage Crystal Clean	\$560.06		
238498	07/30/2015	Open			Accounts Payable	HP Products	\$2,358.85		
238499	07/30/2015	Open			Accounts Payable	Imprest Fund-Lake Erie	\$2,483.10		
238500	07/30/2015	Open			Accounts Payable	Johnson & Anderson Inc	\$400.00		
238501	07/30/2015	Open			Accounts Payable	Kaeb Sales, Inc	\$653.91		
238502	07/30/2015	Open			Accounts Payable	L.J.Rolls Refrigeration	\$2,499.01		
238503	07/30/2015	Open			Accounts Payable	Leslie Tire	\$6,220.00		
238504	07/30/2015	Open			Accounts Payable	MEMCO	\$2,520.00		
238505	07/30/2015	Open			Accounts Payable	MEMCO	\$620.00		
238506	07/30/2015	Open			Accounts Payable	Metro Environmental Services,	\$1,281.25		
238507	07/30/2015	Voided	Incorrect Vendor on Invoice(s)	08/03/2015	Accounts Payable	Michigan Dept of Environmental	\$225.00		
238508	07/30/2015	Open			Accounts Payable	Occupational Health Centers	\$490.00		
238509	07/30/2015	Open			Accounts Payable	Office Depot	\$50.63		
238510	07/30/2015	Open			Accounts Payable	OneSource Telecom	\$1,035.00		
238511	07/30/2015	Open			Accounts Payable	Pepsi-Cola Company	\$2,736.57		
238512	07/30/2015	Open			Accounts Payable	PlantWise	\$4,240.00		
238513	07/30/2015	Open			Accounts Payable	Residex, LLC	\$1,245.04		
238514	07/30/2015	Open			Accounts Payable	RKA Petroleum Co's	\$5,175.00		
238515	07/30/2015	Open			Accounts Payable	Romeo Ford Inc	\$3,567.19		
238516	07/30/2015	Open			Accounts Payable	Tire Wholesalers Company Inc	\$934.00		
238517	07/30/2015	Open			Accounts Payable	Tri Turf	\$2,037.03		

Payment Register

From Payment Date: 7/1/2015 - To Payment Date: 7/31/2015

Number	Date	Status	Void Reason	Reconciled/ Voided Date	Source	Payee Name	Transaction		Difference
							Amount	Reconciled Amount	
238518	07/30/2015	Open			Accounts Payable	US Foods	\$10,735.61		
238519	07/30/2015	Open			Accounts Payable	Vitale Brothers Bakery, Inc	\$1,396.08		
238520	07/30/2015	Open			Accounts Payable	Waddle's Tire Service	\$120.50		
Type Check Totals:							\$1,860,267.88		
EFT									
79	07/09/2015	Open			Accounts Payable	Payroll Administrative Office	\$91,081.57		
80	07/09/2015	Open			Accounts Payable	Payroll Lake St Clair	\$79,492.38		
81	07/09/2015	Open			Accounts Payable	Payroll Stony Creek	\$130,792.45		
82	07/09/2015	Open			Accounts Payable	Michigan State Of	\$15,803.36		
83	07/09/2015	Open			Accounts Payable	United States Treasury	\$101,506.04		
84	07/09/2015	Open			Accounts Payable	M I S D U	\$1,190.49		
85	07/09/2015	Open			Accounts Payable	Chapter 13 Trustee	\$490.20		
86	07/09/2015	Open			Accounts Payable	Electronic Commerce Inc	\$7,009.46		
87	07/09/2015	Open			Accounts Payable	Fifth Third Bank	\$5,571.92		
88	07/09/2015	Open			Accounts Payable	H C M A Flexible Spending	\$605.00		
89	07/09/2015	Open			Accounts Payable	Central Macomb Comm CU	\$203.76		
90	07/02/2015	Open			Accounts Payable	Payroll Hudson Mills	\$59,871.37		
91	07/02/2015	Open			Accounts Payable	Payroll Kensington	\$152,326.13		
92	07/02/2015	Open			Accounts Payable	Payroll Lake Erie	\$67,099.68		
93	07/02/2015	Open			Accounts Payable	Payroll Lower Huron	\$134,469.93		
94	07/02/2015	Open			Accounts Payable	Michigan State Of	\$20,851.27		
95	07/02/2015	Open			Accounts Payable	United States Treasury	\$118,891.94		
96	07/02/2015	Open			Accounts Payable	M I S D U	\$241.16		
97	07/02/2015	Open			Accounts Payable	Holzman Corkery, PLLC	\$39.54		
98	07/02/2015	Open			Accounts Payable	Electronic Commerce Inc	\$8.00		
99	07/02/2015	Open			Accounts Payable	Electronic Commerce Inc	\$3.00		
100	07/02/2015	Open			Accounts Payable	Michigan Guaranty Agency	\$108.49		
101	07/02/2015	Open			Accounts Payable	Fifth Third Bank	\$7,938.80		
102	07/02/2015	Open			Accounts Payable	H C M A Flexible Spending	\$1,028.00		
103	07/17/2015	Open			Accounts Payable	Michigan State Of	\$15,920.65		
104	07/16/2015	Open			Accounts Payable	Payroll Hudson Mills	\$67,035.56		
105	07/16/2015	Open			Accounts Payable	Payroll Kensington	\$170,362.76		
106	07/16/2015	Open			Accounts Payable	Payroll Lake Erie	\$73,610.86		

Payment Register

From Payment Date: 7/1/2015 - To Payment Date: 7/31/2015

Number	Date	Status	Void Reason	Reconciled /		Payee Name	Transaction Amount	Reconciled Amount	Difference
				Voided Date	Source				
107	07/16/2015	Open			Accounts Payable	Payroll Lower Huron	\$148,219.11		
108	07/16/2015	Open			Accounts Payable	Michigan State Of	\$23,538.16		
109	07/16/2015	Open			Accounts Payable	United States Treasury	\$139,708.99		
110	07/16/2015	Open			Accounts Payable	M I S D U	\$406.91		
111	07/16/2015	Open			Accounts Payable	Electronic Commerce Inc	\$25.00		
112	07/16/2015	Open			Accounts Payable	Holzman Corkery, PLLC	\$39.54		
113	07/16/2015	Open			Accounts Payable	Michigan Guaranty Agency	\$94.43		
114	07/16/2015	Open			Accounts Payable	Taylor, Kevin, M	\$100.87		
115	07/16/2015	Open			Accounts Payable	H C M A Flexible Spending	\$920.00		
116	07/16/2015	Open			Accounts Payable	Fifth Third Bank	\$7,938.80		
117	07/23/2015	Open			Accounts Payable	Payroll Administrative Office	\$92,582.44		
118	07/23/2015	Open			Accounts Payable	Payroll Lake St Clair	\$81,974.34		
119	07/23/2015	Open			Accounts Payable	Payroll Stony Creek	\$107,072.30		
120	07/23/2015	Open			Accounts Payable	Michigan State Of	\$14,405.68		
121	07/23/2015	Open			Accounts Payable	United States Treasury	\$87,677.87		
122	07/23/2015	Open			Accounts Payable	Chapter 13 Trustee	\$490.20		
123	07/23/2015	Open			Accounts Payable	Fifth Third Bank	\$5,571.92		
124	07/23/2015	Open			Accounts Payable	H C M A Flexible Spending	\$605.00		
125	07/23/2015	Open			Accounts Payable	M I S D U	\$1,190.49		
126	07/29/2015	Open			Accounts Payable	Payroll Hudson Mills	\$62,524.06		
127	07/29/2015	Open			Accounts Payable	Payroll Kensington	\$155,728.25		
128	07/29/2015	Open			Accounts Payable	Payroll Lake Erie	\$65,400.99		
129	07/29/2015	Open			Accounts Payable	Payroll Lower Huron	\$139,689.76		
130	07/29/2015	Open			Accounts Payable	Michigan State Of	\$21,268.57		
131	07/29/2015	Open			Accounts Payable	United States Treasury	\$121,381.42		
132	07/29/2015	Open			Accounts Payable	M I S D U	\$406.91		
133	07/29/2015	Open			Accounts Payable	Electronic Commerce Inc	\$47.00		
134	07/29/2015	Open			Accounts Payable	Holzman Corkery, PLLC	\$39.54		
135	07/29/2015	Open			Accounts Payable	Michigan Guaranty Agency	\$102.86		
136	07/29/2015	Open			Accounts Payable	Fifth Third Bank	\$7,833.80		
137	07/29/2015	Open			Accounts Payable	H C M A Flexible Spending	\$920.00		
Type EFT Totals:							\$2,611,458.98		

Payment Register

From Payment Date: 7/1/2015 - To Payment Date: 7/31/2015

Number	Date	Status	Void Reason	Reconciled / Voided Date	Source	Payee Name	Transaction Amount	Reconciled Amount	Difference
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John C. Hertel Chairman	George Phifer Director
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HURON-CLINTON METROPOLITAN AUTHORITY

To: Board of Commissioners
 From: Maria van Rooijen, Purchasing Agent
 Project No: RFP-15-041 Macomb County Bid 12-07
 Project Title: Purchases – Staff Vehicles
 Location: Kensington, and Lower Huron Metroparks, Oakland and Wayne County
 Date: Aug. 4, 2015

Action Requested: Motion to Approve

That the Board of Commissioners' (1) approve the purchase of two (2) 2016 Ford Explorers and one (1) Ford Edge in the amount of \$84,482 from Signature Ford, Owosso, Michigan the low responsive, responsible bidder for Macomb County Vehicle Bid 12-047; (2) authorize staff to approve a budget transfer from the Operating Contingency Account to the various Capital Equipment Accounts; and (3) transfer funds within the Capital Equipment Accounts as recommended by Purchasing Agent Maria van Rooijen and staff.

Fiscal Impact: None. Funds are available within the parks' 1 percent contingency plan held in each park's operating budget and capital equipment account.

Scope of Work: Furnish and deliver three (3) vehicles, which includes two (2) 2016 Ford Explorers (\$27,029 each) and one (1) 2015 Ford Edge (\$34,424).

Background: The two 2016 Explorers will replace staff vehicles assigned to Kensington and Lower Huron. The old vehicle at Lower Huron will be sold at auction as this vehicle has had an excessive amount of repairs over the last three years. The vehicle from Kensington will be transferred into the pool car fleet. The 2015 Ford Edge will replace the GMC Terrain vehicle, which will be transferred to another employee, as there is a shortage of vehicles for current staff.

Price comparison is by done comparing state, local and counties police and/or vehicle cooperative contracts. Signature Ford has both a state and county vehicle contract.

<u>Vendor</u>	<u>Location</u>	<u>Price</u>
Signature Ford	Owosso	\$88,482.00



HURON-CLINTON METROPOLITAN AUTHORITY

To: Board of Commissioners
 From: Ron Smith, Buyer
 Project No: ITB-FH-14-15-1881 (City of Farmington Hills)
 Project Title: Road Salt
 Location: Lake St. Clair, Stony Creek, Indian Springs, Kensington, Huron Meadows, and Hudson Mills Metroparks
 Date: Aug. 4, 2015

Action Requested: Motion to Approve

That the Board of Commissioners' award the 2015 – 2016 and 2016 – 2017 road salt contracts to Detroit Salt as per bid by the city of Farmington Hills Central Services on behalf of MITN.

Fiscal Impact: This is a budgeted item with funds available.

Scope of Work: Furnish and deliver road salt, 665 tons up to an estimated maximum quantity 950 tons, as required.

Background: The city of Farmington Hills has bid rock salt on behalf of the MITN Purchasing Group for 25 years. The estimated maximum amount(s) are \$53,779.50 for 2015 – 2016 and \$55,679.50 for 2016 – 2017.

Vendor	City	Price per Ton 2015/2016	Price per Ton 2016/2017
Detroit Salt	Detroit, MI	\$56.61	\$58.61
North American Salt	Overland Park, KS	\$79.95	No Bid
Morton Salt	Chicago, IL	\$102.91	\$112.91

Estimated Maximum Usage per Year

Kensington Metropark	300 tons
Indian Springs Metropark	100 tons
Stony Creek Metropark	300 tons
Lake St. Clair Metropark	100 tons
Huron Meadows Metropark	50 tons
Hudson Mills Metropark	100 tons

INVITATION FOR BIDS WERE POSTED ON MICHIGAN INTER GOVERNMENTAL WEBSITE



HURON-CLINTON METROPOLITAN AUTHORITY

To: Board of Commissioners
 From: George Phifer, Director
 Subject: Purchases Over \$10,000
 Date: Aug. 4, 2015

Action Requested: Motion to 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 Phifer 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 is purchases exceeding the \$10,000 threshold:

<u>Vendor</u>	<u>Description</u>	<u>Price</u>
ESRI Technologies	Geographic Information Systems (GIS) Software Licenses for Eng/Planning/NRC Department	\$18,900.00
Civitas IT	Plotter HP Designjet HD Pro Printer for Eng/Planning/NRC Department	\$21,635.59
F.J. LaFontaine & Sons Landscaping	Disc Golf Course Tee Pad Construction/Basket Sleeve Installation at Stony Creek	\$22,169.00



HURON-CLINTON METROPOLITAN AUTHORITY

To: Board of Commissioners
 From: Mike Brahm-Henkel, Manager of Assets and Development
 Project No: 513-15-123
 Project Title: Bids – Farm Parking Lot Redevelopment
 Project Type: Capital Improvement
 Location: Wolcott Mill Metropark, Macomb County
 Date: Aug. 4, 2015

Bids Opened: July 21, 2015 at 2:00 p.m.

Action Requested: Motion to Approve

That the Board of Commissioners' (1) award Contract No. 513-15-123 to the low responsive, responsible bidder, Cadillac Asphalt, LLC in the amount of \$322,180; and (2) transfer \$66,180 from the Historic Mill Center Capital Unallocated account to the Farm Center Capital Unallocated account as recommended by Manager of Assets and Development Mike Brahm-Henkel and staff.

Fiscal Impact: This is an unbudgeted Project. A transfer of funds was approved at the Feb. 12, 2015 Board meeting in the amount of \$260,000 for the project from the postponement of the Boat Launch Pier Replacement Project for Kensington and \$270,000 was transferred from the Lake St. Clair Playground Redevelopment Project for the Historic Center parking lot, which can be used to cover the additional \$66,180.

Scope of Work: Work will include the paving of the existing Farm gravel lot and entrance drive and involves the installation of five (5) culverts, three (3) drainage structures, handhold, electrical conduit, 90 square-yards of concrete paving, 290 lineal-feet of curb and gutter, pavement markings, parking bumpers, placement of four-inches of asphalt surfacing and restoration.

Background: The parking lot is currently gravel and has a high ground water table, which causes parking issues at the one corner of the lot. The project will also improve the American with Disabilities Act (ADA) accessibility and formalize the parking stalls.

<u>Contractor</u>	<u>City</u>	<u>Amount</u>
Cadillac Asphalt, LLC	Wixom	\$322,180.00
Pro-Line Asphalt Paving	Washington	\$376,237.00
James P Contracting	Washington	\$382,566.85
Pavex Corporation	Trenton	\$384,533.53
Budget Amount for Contract Services and Administration		\$260,000.00
Work Order Amount		
Contract Amount		\$322,180.00
Contract Administration		\$ 4,000.00
Total Proposed Work Order Amount		<u>\$326,180.00</u>

This project was reported and publicly advertised in the following construction reporting outlets: Construction Association of Michigan, Reed Construction Data, Construction News Corporation, Construction News Service, HCMA Web Site, Builders Exchange of Michigan, McGraw Hill Dodge, Builders Exchange of Lansing and Central Michigan.



HURON-CLINTON METROPOLITAN AUTHORITY

To: Board of Commissioners
 From: Mike Brahm-Henkel, Manager of Assets and Development
 Project No: 713-15-034
 Project Title: Historic Center Restoration and Painting
 Project Type: Major Maintenance
 Location: Wolcott Mill Metropark, Macomb County
 Date: Aug. 4, 2015

Bids Opened: July 27, 2015 at 2:00 p.m.

Action Requested: Motion to Approve

That the Board of Commissioners' (1) award Contract No. 713-15-034 to the low responsive, responsible bidder, Cross Renovation, Inc. in the amount of \$77,777; and (2) return \$57,200 to the Capital Fund Balance as recommended by Manager of Assets and Development Mike Brahm-Henkel and staff.

Fiscal Impact: With the assistance of private donations made through the Metroparks Foundation, this project is under the budget amount by \$57,200.

Scope of Work: Work will include painting of the Historic Center, window repair, siding replacement and repair, wall repair and incidental work to complete the project.

Background: The existing siding and paint is deteriorated and needs to be repaired. The existing paint is lead-based and requires additional controls to complete the project.

Concurrently to advertising this project, staff requested bids for a project to rehabilitate the exterior of the grain storage room. This project would reconstruct some of the concrete foundations, install new timber support beams, reconstruct the deteriorated wall section, and install siding and painting in the repair area. However, no bids were received to complete this work.

Staff contacted the contractors who were originally looking to bid and one has offered to complete the carpentry work, but would not be interested in completing the siding and painting associated with this section of the repair. Staff approached Cross Renovations to add the extra siding and painting to the current proposed contract. Cross has verbally responded that they have no issue with additional work and are currently working on providing a cost based on the unit prices in the contract. Staff estimates the additional cost would be approximately \$10,000.

Cross Renovation was the only Contractor to submit a bid for this work.

Historic Center Restoration and Painting

Page 2

<u>Contractor</u>	<u>City</u>	<u>Amount</u>
Cross Renovation, Inc.	Garden City	\$ 77,777.00
Budget Amount for Contract Services and Administration		\$ 86,000.00
Metroparks Foundation		\$ 65,000.00
Work Order Amount		
Contract Amount		\$ 77,777.00
Added Contract Amount (Estimated)		\$ 10,000.00
Contract Administration		\$ 6,000.00
Total Proposed Work Order Amount (Rounded)		\$ 93,800.00

This project was reported and publicly advertised in the following construction reporting outlets: Construction Association of Michigan, Reed Construction Data, Construction News Corporation, Construction News Service, HCMA Web Site, Builders Exchange of Michigan, McGraw Hill Dodge, Builders Exchange of Lansing and Central Michigan

The following contractors obtained bidding documents but did not submit a proposal: Classic Painting Co, Hermes Painting, JT Maurer Building Co., Kirke Engineering& Consultancy, Maniaci/Watt LLC, Meridian Contracting Group, North America Procurement Council, Inc., Perfection plus const. & paint.



HURON-CLINTON METROPOLITAN AUTHORITY

To: Board of Commissioners
From: Mike Brahm-Henkel, Manager of Assets and Development
Subject: Professional Design Services
Project Title: Boat Launch Ramp Replacement
Location: Kensington and Stony Creek Metropark
Date: Aug. 4, 2015

Proposals Received: October 2014

Action Requested: Motion to Approve

That the Board of Commissioners' accept the proposal from Johnson and Anderson for design services for the Boat Launch Ramp Replacement at Kensington in the amount of \$16,700 and \$21,700 for Stony Creek as recommended by Mike Brahm-Henkel, Manager of Assets and Development and staff.

Fiscal Impact: This is a budgeted design project.

Scope of work: The Consultant will provide engineering design services, which include drawings, specifications, permit applications, construction services and grant administration.

Background: The existing boat launches at Kensington and Stony Creek currently need to be repaired. Both facilities have fixed concrete piers, which need to be replaced and currently do not meet the Americans with Disabilities Act (ADA) standards. The current plan is to replace the current piers in kind with five (5) piers at Stony and four (4) piers at Kensington. The existing slope of the launch will also be modified to allow easier launching and retrieval of watercrafts.

Both facilities were constructed in the late 1960's. Stony Creek currently has a Michigan Natural Resources Trust Fund (MNRTF) grant for \$50,000 to offset some of the cost for the construction of this project.

Request for proposals for the Kensington boat launch were sent out in September 2014. Since the work between Stony Creek and Kensington are so similar, staff requested Johnson and Anderson provide an additional proposal for the design and grant administration for Stony Creek.

<u>Consultant</u> (Kensington Proposal)	<u>City</u>	<u>Amount</u>
Johnson and Anderson	Waterford	\$16,700.00
AEW	Shelby Twp.	\$ 32,430.00
Wade Trim	Taylor	\$ 37,283.53

Attachments: Design Proposal for Kensington
 Design Proposal for Stony Creek



October 6, 2014

Huron-Clinton Metropolitan Authority
Engineering Department
13000 High Ridge Drive
P.O. Box 2001
Brighton, MI 48114

Re: Kensington Metropark -- (RFP No. 504-14D)

Ref: Proposal for Professional Engineering Services for East Boat Launch Ramp Replacement

To Whom It May Concern:

Johnson & Anderson, Inc. is pleased to have been given the opportunity to submit this proposal to the Huron-Clinton Metropolitan Authority for professional engineering services related to the replacement of the East Boat Launch Ramp at Kensington Metropark. We are honored to be serving the Huron-Clinton Metropolitan Authority for the past thirty (30) years. We look forward to continuing our relationship with you in the years to come.

Our understanding of the project comes from both the Request for Proposals (RFP) narrative, and a meeting with HCMA staff. We have recent relative experience with a similar project acquired from a park design project completed for Port Huron Charter Township at their Bakers Field Park. This work was conducted under a state MDNR Trust Fund grant, and included a boat launch and an ADA accessible kayak launch.

The RFP requested that we include in our Scope of Services a review of the Project Budget presented in the RFP. Because there was no Project Budget identified in the RFP, we did not include the Budget Review in our response. However, we can provide the service in our Scope of Work if desired by HCMA. If awarded this project, we plan to engage the services of Schleede - Hampton Associates, Inc. for the geotechnical component of the design.

As stated in the Request for Proposals, the existing East Boat Launch no longer provides adequate depth to launch watercraft, and lacks handicap accessibility. Our Scope of Services will provide an ADA accessible boat launch ramp and dock system design with adequate depth, slope, and material to allow for the safe launching and recovery of watercraft from the East Boat Launch to include launching capabilities for personal watercraft (canoes, kayaks, etc).

If awarded this project, we would assign John J. Emig, Jr., PE as project manager and lead engineer, and Michael D. Leuffgen, PE as design engineer. Copies of their resumes are attached.

The following agreement between Johnson & Anderson, Inc. (J&A) and the Huron-Clinton Metropolitan Authority (PRINCIPAL) is separate and distinct from any other agreement between J&A and PRINCIPAL.

I. SCOPE OF SERVICES

We propose to incorporate in our design for the East Boat Launch a floating dock system.

A. Design Phase Services – J&A will:

1. Prepare construction plans and construction technical specifications;
2. Provide signed and sealed drawings by an Engineer licensed in the State of Michigan;
3. Prepare an opinion of probable construction cost for the proposed work;
4. Attend periodic (monthly or as necessary) design progress meetings;
5. Prepare preliminary and pre-bidding cost estimates;
6. Maintain notes or minutes of design progress meetings; and,
7. Coordinate, prepare, and submit the necessary MDEQ permit, and SESC permit.

B. Bidding Phase Services -- J&A will:

1. Prepare one reproducible copy and one electronic copy of construction plans and construction technical specifications for incorporation into the official Construction Contract Documents by PRINCIPAL;
2. Respond to requests for information and clarifications from bidders; prepare addenda as may be necessary, and assist PRINCIPAL in preparing responses and addenda to bidders;
3. Analyze and review product/material alternates submitted by bidders as may be stipulated and allowed under the Contract Documents, determine acceptability and prepare appropriate response for forwarding by PRINCIPAL to bidders; and,
4. Assist PRINCIPAL in reviewing and analyzing bids received, prepare a tabulation of bids, provide to PRINCIPAL recommendations as to the award of the Construction Contract.

C. Construction Phase Services – J&A will:

1. Participate in a pre-construction conference prior to commencement of Work, periodic construction progress meetings, and final inspection meeting, at the Site;
2. Review shop drawings;
3. Provide consultation and advise during construction;
4. Make periodic site visits during construction; and,

5. Assist PRINCIPAL in preparing a final check list and determining final acceptance of the work.

D. Additional Services -- Other services, as yet unidentified, will be provided upon prior written authorization of PRINCIPAL.

E. Matters of Understanding – The following information was relied upon in developing this proposal:

1. PRINCIPAL will provide its standard specifications and drawing details where applicable, (eg. civil details and specifications, landscape architectural specifications, certain plumbing and mechanical fixtures and equipment, etc);
2. PRINCIPAL will provide all provide topographic survey, and utility location, and will provide additional survey if required;
3. PRINCIPAL will provide front-end documents, including advertisement, general conditions, supplemental GCs, Division 1 documents, bond forms and related items;
4. PRINCIPAL will apply for and acquire site plan approval from appropriate municipal government;
5. PRINCIPAL will pay for agency fees required for permitting (e.g.; soil erosion and sedimentation control permit, and necessary state permits);
6. PRINCIPAL will prepare bid packages, advertise the work, and receive bids;
7. PRINCIPAL will perform the day-to-day inspection, contract administration, and testing services of all phases of the work; and,

II GENERAL PROVISIONS

Attached to and made part of this agreement is Exhibit "A" - General Provisions, detailing certain responsibilities and understandings applicable to both parties.

III SCHEDULE – As requested by the RFP, we offer the following Proposed Schedule for the project. J&A will adhere to the following schedule with an exception for the period December 22, 2014, thru January 5, 2015:

- | | |
|--|---------|
| • Authorization | Week 0 |
| • Pre-Design Meeting | Week 1 |
| • Schematic/Concept Design Complete; Submit to Owner | Week 3 |
| • Owner Approval Schematic/Concept Design | Week 4 |
| • 50% Design Complete; Submit to Owner | Week 6 |
| • Owner 50% Review Comments to Professional | Week 7 |
| • 90% Design Complete; Submit to Owner | Week 8 |
| • Owner 90% Review Comments to Professional | Week 9 |
| • Drawings and Technical Specifications to Owner | Week 10 |

October 6, 2014

Re: Kensington Metropark

Ref: Proposal for Professional Engineering Services for East Boat Launch Ramp Replacement

Page 4 of 4

IV PROFESSIONAL FEE

- A. For Services described in Sections I.A and B above, **SCOPE OF SERVICES**, J&A proposes to charge a lump sum amount of \$14,500. The fee includes \$1,300 for a soil boring. Invoices will be rendered monthly, based on our estimated percentage of completion.
- B. For Services described in Section I.C. above, **SCOPE OF SERVICES**, J&A proposes to charge a lump sum amount of \$2,200. Invoices will be rendered monthly, based on our estimated percentage of completion.
- C. For services in addition to those described in Section I above, **SCOPE OF SERVICES**, J&A proposes to charge and PRINCIPAL agrees to pay in accordance with the attached Schedule of Fees labeled Exhibit "B". J&A will not undertake additional services without the prior written authorization by PRINCIPAL.

V ACCEPTANCE

- A. This Agreement and the attached exhibits represent the entire understanding between us in regard to this project and may only be modified by the mutual consent of authorized parties. This offer will remain open for acceptance for 60 days. If the terms of this Agreement are acceptable to you, please sign and return one copy which will serve as our contract and authorization to proceed.

Very truly yours,

JOHNSON & ANDERSON, INC.



John J. Emig, Jr., P.E.

Vice President

Acknowledged and Accepted by:

**HURON-CLINTON METROPOLITAN
AUTHORITY**

Name: _____

Title: _____

Date: _____

cc: File 17966 (1:\17500\17966 hema east boat launch replacement\proposal\proposal-kmp east boat launch.doc)

JOHNSON & ANDERSON, INC.
EXHIBIT A
GENERAL PROVISIONS

PROJECT ASSIGNMENT

The PRINCIPAL wishes J&A to perform professional engineering services, to serve as PRINCIPAL's representative and to provide professional engineering consultation and advice for a professional fee in connection with the project described in the attached letter agreement

LIMITATIONS ON THE OBLIGATIONS OF ENGINEER

The PRINCIPAL acknowledges and agrees that the ability of J&A to perform the services specifically described in the SCOPE OF SERVICES is contingent upon the timely availability of appropriate data and facilities and the cooperation of knowledgeable personnel, all of which are under the PRINCIPAL's control. Therefore, the PRINCIPAL covenants that it shall reasonably make available to J&A all requested data and facilities, and shall assure the cooperation of such personnel in timely fashion.

FORCE MAJEURE

Neither party shall be liable to the other in damage, claim, delay, or default arising by reason of Acts of God or other case or contingency beyond control of the party sought to be charged.

OPPORTUNITY TO CORRECT DEFAULT

In the event PRINCIPAL believes that J&A has failed to perform any obligation to PRINCIPAL under this Agreement, or that it has performed said obligations inadequately or improperly, it shall provide J&A with written notice detailing the nature of its complaints with specific references to those provisions of this Agreement which it believes have not been performed or have not properly or adequately been performed. J&A shall have Thirty (30) Days after its receipt of said written notice to correct such alleged deficiencies in its performance. Only in the event that J&A has not corrected said alleged deficiencies within said Thirty (30) Day period, and in no other event, shall PRINCIPAL have the right to give notice of default under this Agreement, and/or terminate it for said cause(s), and /or to claim damage for breach thereof.

ARBITRATION

Any claim or controversy arising out of or relevant to this Agreement, or the breach thereof, shall be settled by binding arbitration in Detroit, Michigan, in accordance with the rules of the American Arbitration Association, and judgment upon the award rendered by the arbitrator(s) may be entered in any court having jurisdiction thereof. Upon a claim arising from any termination of this Agreement prior to completion of the work as described under SCOPE OF SERVICES, damages awarded to either party shall not exceed the fee or estimated fee as set forth under PROFESSIONAL FEE, or subject to this Paragraph, the arbitrator(s) shall also assess full costs of the proceedings against the losing party to the dispute, which costs shall include, but without limitation, all legal fees and other expenses of the prevailing party.

REUSE OF DOCUMENTS

All documents including Drawings and Specifications furnished by J&A pursuant to this Agreement are instruments of his services in respect to the Project. They are not intended or represented to be suitable for reuse by PRINCIPAL or others on extensions of the Project or on any other project. Any reuse without specific written verification or adaptation by J&A will be at PRINCIPAL's sole risk and without liability or legal exposure to J&A, and PRINCIPAL shall indemnify and hold harmless J&A from all claims, damages, losses, and expenses including attorney's fees arising out of or resulting therefrom. Any such verification or adaptation will entitle J&A to further compensation at rates to be agreed upon by PRINCIPAL and J&A.

PROJECT COST ESTIMATES

Opinions of probable construction cost, economic analysis of alternate solutions and O&M costs prepared by J&A are made on the basis of the qualifications and experience of J&A. It is recognized however that J&A has no control over the cost of labor, materials, or equipment furnished by others, accordingly, J&A does not guarantee that proposals, bids or actual costs will not vary from opinions or estimates submitted to PRINCIPAL by J&A hereunder.

PAYMENT TERMS

Unless otherwise stated in this agreement, invoices will be issued periodically for services rendered. Invoiced amounts are due upon receipt. Invoices not paid within 30 days are subject to a 1.5% per month late charge.

AUTHORITY OF PERSONS EXECUTING AGREEMENT

The person who has executed this document on behalf of the PRINCIPAL shall be an officer in the case of a corporation, a partner in the case of a partnership or the owner of PRINCIPAL or the agent authorized by resolution to bind the PRINCIPAL. This agreement shall not be effective until it has been countersigned by an authorized agent of J&A.

TERMINATION

This agreement is subject to termination by PRINCIPAL in accordance with **OPPORTUNITY TO CORRECT DEFAULT** or by J&A should the other fail to perform its obligations hereunder. In the event of termination, J&A shall be paid for all services rendered to the date of termination, all reimbursable expenses and reimbursable termination costs.

ASSIGNMENT OF CONTRACT

This agreement shall be binding upon the parties, their successors and assigns, provided, however, that neither party hereto shall assign this contract without written consent of both parties.

Exhibit B Rate Schedule

CLASSIFICATION	HOURLY RATE CHARGE <i>(Effective March 2014)</i>
Engineer VI / Surveyor VI	\$ 110.00
Engineer V	\$ 100.00
Engineer IV	\$ 90.00
Engineer III	\$ 80.00
Engineer II	\$ 70.00
Engineer I	\$ 65.00
CAD Operator IV / Drafter IV (Drafting Supervisor)	\$ 75.00
CAD Operator III / Drafter III	\$ 70.00
CAD Operator II / Drafter II	\$ 55.00
CAD Operator I / Drafter I	\$ 50.00
Construction Inspector IV / Technician IV	\$ 75.00*
Construction Inspector III / Technician III	\$ 65.00*
Construction Inspector II / Technician II	\$ 60.00*
Construction Inspector I / Technician I	\$ 55.00*
3 Man Survey Crew	\$ 165.00
2 Man Survey Crew	\$ 145.00
1 Man Survey Crew	\$ 105.00
Clerical	\$ 40.00
Mileage	\$ 0.56/(current IRS allowance)
Copy Cost – Prints	\$ 0.20 / square foot
– photocopy (8½ x 11, 8½ x 14)	\$ 0.18 / copy

* Minimum charge of 4 hours

POSITION: Senior Project Engineer; Principal

SPECIALIZATION: Stream Hydraulics, Hydrology, Marine Design, Stormwater Management, Environmental Compliance, Project Management

QUALIFICATIONS: B.S. Civil Engineering
University of Detroit

REGISTRATION: Professional Engineer: Michigan, Ohio

EXPERIENCE: 38 Years with Johnson & Anderson, Inc.

AFFILIATIONS: Member, American Society of Civil Engineers,
Society of American Military Engineers

PROJECT EXPERIENCE:

- Project manager of the civil engineering component for an award winning paper plant site demolition and cleanup project for the City of Monroe Brownfield Redevelopment Authority. Areas of concern during demolition included environmental, archeological and structural. The property has been transferred to the US National Park System to become the River Raisin National Battlefield Park honoring a battlefield from the War of 1812.
- Project manager/engineer for an award winning environmental education center complex to include water supply well, water distribution, on-site wastewater disposal, and zero-depth water spray park at Indian Springs Metropark for Huron-Clinton Metropolitan Authority.
- Project manager/engineer for a zero-depth water spray park, water supply well and water treatment system at Kensington Metropark and for zero-depth water spray park at Metro Beach Metropark for Huron-Clinton Metropolitan Authority.
- Project manager on the design of a steel sheet pile wall for an entrance channel to a small boat marina for the Huron Clinton Metropolitan Authority, Lake Erie Metropark.
- Project engineer on the design of entrance roadway and hike/bike trail for Huron Clinton Metropolitan Authority, Indian Springs Metropark.
- Project manager and client liaison for Oakland County Road Commission bridge inspection and analysis, and maintenance recommendations for 139 bridges.
- Project manager for a 70 acre industrial park located on a Brownfield Site at the Port of Monroe, Monroe, Michigan.

- Design of major phase of the Waterford Township Sanitary Sewer System.
- Design of wastewater treatment plant and laboratory facility at a major railroad yard.
- Project manager/engineer on a 20 million dollar leachate containment and collection system, shore protection, stormwater management system, and rail facility at the Port of Monroe, Monroe, Michigan.
- Project manager on 21 flood insurance studies in the States of Michigan and Indiana.
- Project manager on the evaluation of the structural integrity of an existing dock and fendering system and recommendations for rehabilitation measures at the Port of Monroe, Monroe, Michigan.
- Project manager on the design of a small boat harbor and breakwater at Cedar River, Michigan.
- Project manager on a hydrologic model and report of the Clinton River basin prepared for the Inter-County Drainage Board for the Clinton River.
- Project engineer/manager on the rehabilitation of a railroad siding and road crossing at the Port of Monroe, Monroe, Michigan.
- Project manager on remedial investigation and feasibility study for a 400+ acre former industrial landfill.
- Project engineer in support of the acquisition of a covenant-not-to-sue between the State of Michigan and an industrial developer under the provisions of the Michigan Environmental Response Act (MERA-Act 307).
- Project engineer in support of the preparation of a long term land lease between a municipality and an industrial developer on a former industrial land fill listed under the provisions of MERA-Act 307. The unique lease provides for construction standards, land - use criteria, and plant closure requirements.
- Project manager in negotiating and implementing an Administrative Consent Order between the State of Michigan and a Monroe County community addressing sewage treatment system non compliance with the State permit. The major issues of compliance identified in the consent order include a sewer system evaluation survey, and analysis of alternative treatment systems and the implementation of recommended corrective actions.
- Project manager for contract administration and inspection of a 0.44 MGD municipal wastewater treatment plant for the Village of Carleton, Monroe County, Michigan.

- Project manager on project to document presence and location of site utilities on campus of Oakland University, Oakland County, Michigan.
- Project manager and site design for a 459-unit student apartment complex comprised of six apartment buildings and one community building on the campus of Oakland University
- Project manager for site design for an electrical substation on the campus of Oakland University occupied by both the University and Detroit Edison.
- Project manager for several extensions of the sanitary sewer system in the Village of Carleton, Monroe County, Michigan.
- Project manager for pavement removal and replacement project on Center Street / Spicer Street in the Village of Carleton, Monroe County, Michigan.
- Project manager/engineer for an environmental education center complex to include water supply well, water distribution, on-site wastewater disposal, and zero-depth water spray park at Indian Springs Metropark for Huron-Clinton Metropolitan Authority.
- Project Manager and representative of the Port of Monroe in coordination with the US Army Corps of Engineers related to dredging issues at Monroe Harbor. Involved in coordinating and communicating with Harbor stakeholders and the Corps of Engineers regarding dredging needs of Monroe Harbor and the financial impact to the stakeholders as a result of deferred dredging.
- Project manager/engineer on project to investigate nature and cause of drainage obstruction complaint recorded by a residential subdivision adjacent to Oakland University, Oakland County, Michigan.
- Project manager representing the City of Monroe Brownfield Redevelopment Authority in overseeing the professional responsible for inspection and contract administration of a \$2M contract to cleanup a paper plant site to be used for residential development.
- Project Manager for design and construction of Bakers Field Park in Port Huron Township. The park features included a boat ramp / kayak launch, fishing pier and walking paths. A Michigan Department of Natural Resources Trust Fund Grant financed the project.

POSITION: Project Engineer, Process Engineer

SPECIALIZATION: Hydraulics, Contract Administration

QUALIFICATIONS: Bachelor of Science Civil Engineering
Wayne State University

MDEQ – Certified Construction Site Storm Water Operator

REGISTRATION: Professional Engineer: Michigan

EXPERIENCE: 6 years with Johnson & Anderson, Inc.
5 years with various Engineering Firms

AFFILIATIONS: Engineering Society of Detroit

PROJECT EXPERIENCE:

- Project Engineer/Contract Administration for rehabilitation of 11 sanitary sewer pump stations in the City of Pontiac. Projects included pump replacements, SCADA RTU installation, control modifications, and pump building roof and structure renovations. Project consisting of assessment of existing facilities, determining scope of rehabilitation, design of mechanical systems, pump sizing, site restoration design. The project was funded with a SRF loan through the State of Michigan.
- Project Engineer/Contract Administration for new 3,000 GPM iron filtration plant in Waterford Township. Project consisting of three new wells, two pressure filters, chemical additions, sanitary sewer pump station, and force main for filter backwash disposal, the treatment plant building, and all necessary controls (including SCADA) and appurtenances was funded with a Drinking Water Revolving Fund Loan.
- Project Engineer/Contract Administration for new water booster station in White Lake Township. Project consisting of building design, electrical and control system design (including SCADA), piping layout, and pump sizing. The booster pump is VFD controlled to provide consistent water pressure. The project was funded with a DWRF loan through the state of Michigan.
- Project Engineer for Vulnerability Assessment Update for client located in Southeast Michigan with ground water source and interconnected wells. Determination of critical customers and credible threats; site visits; chemical inventory; employee procedures reviewed; and facility assessments.
- Project Engineer for construction of Bakers Field Park in Port Huron Township. The park features included a boat ramp / kayak launch, fishing pier and walking paths. A Michigan Department of Natural Resources Trust Fund Grant financed the project.

- Project Engineer for Shelby Macomb Medical Mall in Shelby Township Michigan. Project consisting of site grading, storm water management, water main design, sanitary sewer design, and a sanitary sewer grinder station for the three story medical facility.
- Project Engineer for Brookshire Office Plaza in Sterling Heights, Michigan. Project consisting of site design for 5 building office plaza including grading, storm water management, water main, sanitary sewer.
- Project Engineer for Atikian Industrial in Sterling Heights, Michigan. Project consisting of site design for demolition of existing manufacturing facility and on-site utilities and design of site improvements related to construction of 4 new manufacturing buildings.
- Project Engineer for Shelby Woods North in Shelby Township, Michigan. Project consisting of site design for a 196 unit condominium development including grading, water main, sanitary sewer, storm water detention, wetland mitigation.
- Project Engineer for West Brooke Estates in Sterling Heights, Michigan. Project consisting of site design for 49 lot subdivision including road design, grading, storm water management, water main, sanitary sewer.



May 28, 2015

Huron-Clinton Metropolitan Authority
Engineering Department
13000 High Ridge Drive
P.O. Box 2001
Brighton, MI 48114

Re: Stony Creek Metropark

Ref: Proposal for Professional Engineering Services for Boat Launch Ramp Replacement

To Whom It May Concern:

Johnson & Anderson, Inc. is pleased to have been given the opportunity to submit this proposal to the Huron-Clinton Metropolitan Authority for professional engineering services related to the replacement of the Boat Launch Ramp at Stony Creek Metropark. We are honored to be serving the Huron-Clinton Metropolitan Authority for the past thirty (30) years. We look forward to continuing our relationship with you in the years to come.

Our understanding of the project comes from your email and discussions. We have relative experience with a similar project acquired from a park design project completed for Port Huron Charter Township at their Bakers Field Park. This work was conducted under a state MDNR Trust Fund grant, and included a boat launch and an ADA accessible kayak launch.

As stated in your email, boaters currently are having an issue launching and retrieving their boats due to the existing boat ramp slope. The design would include the removal of the existing ramps and 6 associated concrete fixed piers. Additionally, you have indicated that the existing fixed piers are in need of replacement and currently do not meet ADA requirements.

Our Scope of Services will provide an ADA accessible boat launch ramp and a dock system design with adequate depth, slope, and material to allow for the safe launching and recovery of watercraft from the boat launch to include launching capabilities for personal watercraft (canoes, kayaks, etc). We plan to engage the services of Schleede - Hampton Associates, Inc. for the geotechnical component of the design.

4494 Elizabeth Lake Road
Waterford, Michigan 48328
tel (248) 681-7800 fax (248) 681-2660

1060 W. Norton Avenue, Suite 7
Muskegon, Michigan 49441
tel (231) 780-3100 fax (231) 780-3115

3910 Lapeer Road
Port Huron, Michigan 48060
tel (810) 987-7820 fax (810) 987-7895

May 28, 2015

Re: Stony Creek Metropark

Ref: Proposal for Professional Engineering Services for Boat Launch Ramp Replacement

Page 2 of 4

The following agreement between Johnson & Anderson, Inc. (J&A) and the Huron-Clinton Metropolitan Authority (PRINCIPAL) is separate and distinct from any other agreement between J&A and PRINCIPAL.

I. SCOPE OF SERVICES

We propose to incorporate in our design for the Boat Launch either a floating dock system or a skid pier system.

A. Design Phase Services – J&A will:

1. Prepare construction plans and construction technical specifications;
2. Provide signed and sealed drawings by an Engineer licensed in the State of Michigan;
3. Review the Project Budget.
4. Attend periodic (monthly or as necessary) design progress meetings;
5. Prepare preliminary and pre-bidding cost estimates;
6. Maintain notes or minutes of design progress meetings;
7. Coordinate, prepare, and submit the necessary MDEQ permit, and SESC permit; and,
8. Compile and manage the associated paper work and certification necessary for the MNRTF grant reimbursement.

B. Bidding Phase Services -- J&A will:

1. Prepare one reproducible copy and one electronic copy of construction plans and construction technical specifications for incorporation into the official Construction Contract Documents by PRINCIPAL;
2. Respond to requests for information and clarifications from bidders; prepare addenda as may be necessary, and assist PRINCIPAL in preparing responses and addenda to bidders;
3. Analyze and review product/material alternates submitted by bidders as may be stipulated and allowed under the Contract Documents, determine acceptability and prepare appropriate response for forwarding by PRINCIPAL to bidders; and,
4. Assist PRINCIPAL in reviewing and analyzing bids received, prepare a tabulation of bids, provide to PRINCIPAL recommendations as to the award of the Construction Contract.

C. Construction Phase Services – J&A will:

1. Participate in a pre-construction conference prior to commencement of Work, periodic construction progress meetings, and final inspection meeting, at the Site;
2. Review shop drawings;
3. Provide consultation and advise during construction;
4. Make periodic site visits during construction; and,

5. Assist PRINCIPAL in preparing a final check list and determining final acceptance of the work.

D. Additional Services -- Other services, as yet unidentified, will be provided upon prior written authorization of PRINCIPAL.

E. Matters of Understanding -- The following information was relied upon in developing this proposal:

1. The existing steel sheet pile walls will be preserved, and the project does not propose any additional sheet pile wall.
2. PRINCIPAL will provide its standard specifications and drawing details where applicable, (eg. civil details and specifications, landscape architectural specifications, certain plumbing and mechanical fixtures and equipment, etc);
3. PRINCIPAL will provide topographic survey and hydrographic survey, location of all utilities, and will provide additional survey if required;
4. PRINCIPAL will provide front-end documents, including advertisement, general conditions, supplemental GCs, Division 1 documents, bond forms and related items;
5. PRINCIPAL will apply for and acquire site plan approval from appropriate municipal government;
6. PRINCIPAL will pay for agency fees required for permitting (e.g.; soil erosion and sedimentation control permit, and necessary state permits);
7. PRINCIPAL will prepare bid packages, advertise the work, and receive bids; and,
8. PRINCIPAL will perform the day-to-day inspection, contract administration, and testing services of all phases of the work.

II GENERAL PROVISIONS

Attached to and made part of this agreement is Exhibit "A" - General Provisions, detailing certain responsibilities and understandings applicable to both parties.

III SCHEDULE -- As requested by the RFP, we offer the following Proposed Schedule for the project. J&A will adhere to the following schedule:

- | | |
|--|---------|
| • Authorization | Week 0 |
| • Pre-Design Meeting | Week 2 |
| • Schematic/Concept Design Complete; Submit to Owner | Week 5 |
| • Owner Approval Schematic/Concept Design | Week 6 |
| • 50% Design Complete; Submit to Owner | Week 9 |
| • Owner 50% Review Comments to Professional | Week 10 |
| • 90% Design Complete; Submit to Owner | Week 13 |

Huron Clinton Metropolitan Authority

May 28, 2015

Re: Stony Creek Metropark

Ref: Proposal for Professional Engineering Services for Boat Launch Ramp Replacement

Page 4 of 4

- Owner 90% Review Comments to Professional Week 14
- Drawings and Technical Specifications to Owner Week 15

IV PROFESSIONAL FEE

- A. For Services described in Sections I.A and B above, **SCOPE OF SERVICES**, J&A proposes to charge a lump sum amount of \$19,500. The fee includes \$1,300 for a soil boring. Invoices will be rendered monthly, based on our estimated percentage of completion.
- B. For Services described in Section I.C. above, **SCOPE OF SERVICES**, J&A proposes to charge a lump sum amount of \$2,200. Invoices will be rendered monthly, based on our estimated percentage of completion.
- C. For services in addition to those described in Section 1 above, **SCOPE OF SERVICES**, J&A proposes to charge and PRINCIPAL agrees to pay in accordance with the attached Schedule of Fees labeled Exhibit "B". J&A will not undertake additional services without the prior written authorization by PRINCIPAL.

V ACCEPTANCE

- A. This Agreement and the attached exhibits represent the entire understanding between us in regard to this project and may only be modified by the mutual consent of authorized parties. This offer will remain open for acceptance for 60 days. If the terms of this Agreement are acceptable to you, please sign and return one copy which will serve as our contract and authorization to proceed.

Very truly yours,

JOHNSON & ANDERSON, INC.



John J. Emig, Jr., P.E.

Vice President

Acknowledged and Accepted by:

**HURON-CLINTON METROPOLITAN
AUTHORITY**

Name: _____

Title: _____

Date: _____

cc: File 17805 (I:\17500\17805 hcma stony creek boat launch\proposal-scmp boat launch.doc)

JOHNSON & ANDERSON, INC.
EXHIBIT A
GENERAL PROVISIONS

PROJECT ASSIGNMENT

The PRINCIPAL wishes J&A to perform professional engineering services, to serve as PRINCIPAL's representative and to provide professional engineering consultation and advice for a professional fee in connection with the project described in the attached letter agreement.

LIMITATIONS ON THE OBLIGATIONS OF ENGINEER

The PRINCIPAL acknowledges and agrees that the ability of J&A to perform the services specifically described in the SCOPE OF SERVICES is contingent upon the timely availability of appropriate data and facilities and the cooperation of knowledgeable personnel, all of which are under the PRINCIPAL's control. Therefore, the PRINCIPAL covenants that it shall reasonably make available to J&A all requested data and facilities, and shall assure the cooperation of such personnel in timely fashion.

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All documents including Drawings and Specifications furnished by J&A pursuant to this Agreement are instruments of his services in respect to the Project. They are not intended or represented to be suitable for reuse by PRINCIPAL or others on extensions of the Project or on any other project. Any reuse without specific written verification or adaptation by J&A will be at PRINCIPAL's sole risk and without liability or legal exposure to J&A, and PRINCIPAL shall indemnify and hold harmless J&A from all claims, damages, losses, and expenses including attorney's fees arising out of or resulting therefrom. Any such verification or adaptation will entitle J&A to further compensation at rates to be agreed upon by PRINCIPAL and J&A.

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AUTHORITY OF PERSONS EXECUTING AGREEMENT

The person who has executed this document on behalf of the PRINCIPAL shall be an officer in the case of a corporation, a partner in the case of a partnership or the owner of PRINCIPAL or the agent authorized by resolution to bind the PRINCIPAL. This agreement shall not be effective until it has been countersigned by an authorized agent of J&A.

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This agreement is subject to termination by PRINCIPAL in accordance with **OPPORTUNITY TO CORRECT DEFAULT** or by J&A should the other fail to perform its obligations hereunder. In the event of termination, J&A shall be paid for all services rendered to the date of termination, all reimbursable expenses and reimbursable termination costs.

ASSIGNMENT OF CONTRACT

This agreement shall be binding upon the parties, their successors and assigns, provided, however, that neither party hereto shall assign this contract without written consent of both parties.

Exhibit B Rate Schedule

CLASSIFICATION	HOURLY RATE CHARGE <i>(Effective January 2015)</i>
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Engineer V / Surveyor V	\$ 110.00
Engineer IV / Surveyor IV	\$ 95.00
Engineer III / Surveyor III	\$ 85.00
Engineer II / Surveyor II	\$ 75.00
Engineer I / Surveyor I	\$ 70.00
CAD Operator IV / Drafter IV (Drafting Supervisor)	\$ 82.00
CAD Operator III / Drafter III	\$ 78.00
CAD Operator II / Drafter II	\$ 62.00
CAD Operator I / Drafter I	\$ 57.00
Construction Inspector V* / Technician V	\$ 90.00
Construction Inspector IV* / Technician IV	\$ 80.00
Construction Inspector III* / Technician III	\$ 70.00
Construction Inspector II* / Technician II	\$ 65.00
Construction Inspector I* / Technician I	\$ 60.00
3 Man Survey Crew	\$ 180.00
2 Man Survey Crew	\$ 150.00
1 Man Survey Crew	\$ 110.00
Clerical	\$ 50.00
Mileage	\$ 0.575/(current IRS allowance)
Copy Cost – Prints	\$ 0.25 / square foot
– photocopy (8½ x 11, 8½ x 14)	\$ 0.20 / copy
* Minimum charge of 4 hours	



HURON-CLINTON METROPOLITAN AUTHORITY

To: Board of Commissioners
 From: Mike Brahm-Henkel, Manager of Assets and Development
 Project No: 715-15-038
 Project Title: Environmental Center Exterior Staining
 Project Type: Major Maintenance
 Location: Indian Springs Metropark, Oakland County
 Date: Aug. 4, 2015

Bids Opened: July 27, 2015 at 2:00 p.m.

Action Requested: Motion to Approve

That the Board of Commissioners' award Contract No. 713-15-038 to the low responsive, responsible bidder, Cross Renovation, Inc. in the amount of \$54,000 as recommended by Manager of Assets and Development Mike Brahm-Henkel and staff.

Fiscal Impact: The project is under budget by \$11,000.

Scope of Work: Work will include staining the exterior of the Environmental Discovery Center.

Background: In order to maintain and protect the existing wood surfaces the building requires a new coating of stain, which is currently faded and worn. The stain used on the building is a natural oil based stain containing water repellants and preservatives. The building was last stained approximately eight years ago in 2007.

<u>Contractor</u>	<u>City</u>	<u>Amount</u>
Cross Renovation, Inc.	Garden City	\$54,000.00
Hermes Painting Co.	Troy	\$68,500.00
J.T. Maurer Building Co.	Plymouth	\$88,000.00
Classic Painting Co., Inc.	Brighton	\$89,300.00
Budget Amount for Contract Services and Administration		\$69,000.00
Work Order Amount		
Contract Amount		\$54,000.00
Contract Administration		<u>\$ 4,000.00</u>
Total Proposed Work Order Amount		\$58,000.00

This project was reported and publicly advertised in the following construction reporting outlets: Construction Association of Michigan, Reed Construction Data, Construction News Corporation, Construction News Service, HCMA Website, Builders Exchange of Michigan, McGraw Hill Dodge, Builders Exchange of Lansing and Central Michigan.

The following contractors obtained bidding documents but did not submit a proposal: Armstrong Enterprises, Boss Construction, Brock and Associates, Detroit Contracting, Envision Builders, Fleis & VandenBrink, JCW Construction, Martin & Associates, Meridian Contracting, Mihm Enterprises, National Restoration, Pranam GlobalTech, Ram Construction, Tramm Contractors, WCI Contractors.



HURON-CLINTON METROPOLITAN AUTHORITY

To: Board of Commissioners
From: George Phifer, Director
Subject: Legislative Report
Date: Aug. 4, 2015

Legislative Consultant George Carr will give a verbal update at the Aug. 13 meeting.



HURON-CLINTON METROPOLITAN AUTHORITY

To: Board of Commissioners
From: George Phifer, Director
Subject: Approval – 2016 Fees and Charges
Date: June 30, 2015

Action Requested: Motion to Approve

That the Board of Commissioners' approve the 2016 Fees and Charges as recommended by Director Phifer and staff.

Background: Attached are the recommended 2016 fees and charges. Suggested changes for 2016 are highlighted in red. Input was received from park superintendents, park staff and department heads.

It is estimated that should these changes be approved, they will generate an additional \$800,000 to \$850,000 in park operating revenue annually.

Highlighted changes for 2016 include previously approved Board rate increases listed below.

Board Approved – August 14, 2014

- A \$5.00 rate increase on regular annual vehicle entry permits from \$30 to \$35;
- A \$1.00 rate increase on senior annual vehicle entry permits from \$20 to \$21

Attachment: 2016 Proposed Fees and Charges

2016 Fees and Charges - Lake St. Clair

Type	2016 Rate	2015 Rate	2014 Rate	2013 Rate
Vehicle Entry Permit				
Annual	\$35.00	\$30.00	\$30.00	\$25.00
Senior Citizen	\$21.00	\$20.00	\$20.00	\$15.00
Daily	\$7.00	\$7.00	\$7.00	\$5.00
Boat Permit				
Annual	\$35.00	\$35.00	\$35.00	\$30.00
Senior Citizen	\$21.00	\$20.00	\$20.00	\$15.00
Annual Permit / Boat Permit	\$70.00			
Annual Permit / Boat Permit	\$42.00			
Daily	\$7.00	\$7.00	\$7.00	\$5.00
Marina (daily, weekends, holiday w/utilities)				
10am - 4pm	\$8.00	\$7.00	\$7.00	\$7.00
4pm - 10pm	\$8.00	\$7.00	\$7.00	\$7.00
Overnight	\$12.00	\$11.00	\$11.00	\$11.00
Sea wall (no utilities, 10am - 10pm)	\$7.00	\$6.00	\$6.00	\$6.00
Overnight	\$7.00	\$6.00	\$6.00	\$6.00
Sanitary pump-out service	\$15.00	\$13.00	\$13.00	\$13.00
Trackless Train (1-1/4 mile ride)				
Round-trip	\$2.00	\$2.00	\$1.00	\$1.00
Children 15 & under	Free	Free	Free	Free
Swimming Pool (includes use of bathhouse)				
All ages	\$5.00	\$4.00	\$4.00	\$4.00
Children under 30" tall	Free			
Coin-operated lockers	\$0.50	\$0.50	\$0.50	\$0.50
Golf Course - 18 Holes ("Par 3")				
Monday - Friday	\$6.00	\$6.00	\$6.00	\$6.00
Saturday, Sunday, holidays	\$7.00	\$7.00	\$7.00	\$7.00
Sr. Citizens and Jrs (M-F only)	\$5.00	\$5.00	\$5.00	\$5.00
Golf balls	current market price			
Club rental	\$2.00	\$2.00	\$2.00	\$1.00
Adventure Golf				
Adults	\$4.00	\$4.00	\$4.00	\$4.00
Sr. Citizens and children under 11	\$3.00	\$3.00	\$3.00	\$3.00
Children 3 and under	Free	Free	Free	Free
Golf Course - Foot Golf				
Monday - Friday	\$6.00	\$6.00		
Saturday, Sunday, holidays	\$7.00	\$7.00	n/a	n/a
Senior Citizens and Juniors (M-F only)	\$5.00	\$5.00		
Interpretive Program Fees				
Family/individual programs				
Adults (minimum fee)	\$5.00	\$5.00	\$5.00	\$5.00
Children (minimum fee)	\$3.00	\$3.00	\$3.00	\$3.00
Group Programs Onsite				
Per student, one program	\$3.00	\$2.00	\$2.00	\$2.00
Per student, all day program	\$6.00	\$5.00	\$5.00	\$5.00
Group Programs Outreach				
One program	\$100.00	\$75.00	\$75.00	\$75.00
Additional program, same day/same school	\$75.00	\$50.00	\$50.00	\$50.00

2016 Fees and Charges - Lake St. Clair

Type	2016 Rate	2015 Rate	2014 Rate	2013 Rate
Building/Classroom rental				
Day (2 hour minimum)	\$50/hour	\$50/hour	\$25/hour	\$25/hour
All day	\$300.00	\$200.00	\$200.00	\$200.00
Evening (2 hour minimum)	\$100.00	\$75/hour	\$50/hour	\$50/hour
Evening after first 2 hrs (each additional hour)	\$75.00	\$60.00	\$35.00	\$35.00
Out of Five County Nature Center Appointments				
Per person (Minimum per group requirement, contact center)	\$4.00	\$3.00	\$3.00	\$3.00
Voyageur Canoe				
All ages	\$5.00	\$5.00	\$4.00	\$4.00
Group rate (maximum 20 persons)	\$75/hour	\$75/hour	\$60/hour	\$60/hour
Photography Fee				
2 hour minimum	\$150/hour	\$150/hour	\$150/hour	\$150/hour
Picnic Shelter Reservations				
Picnic shelter reservation (24'x36' - 12 tables)	\$200.00	\$200.00	\$200.00	\$200.00
Seawall shelter (30'x54' - 20 tables)	\$225.00	\$225.00	\$225.00	\$225.00
Par 3 shelter (40'x87' - 44 tables)	\$400.00	\$400.00	\$400.00	\$400.00
Pointe Gazebo (with Activity Center rental)	\$125.00	\$100.00	\$100.00	\$100.00
Pointe Gazebo	\$200.00	\$100.00	\$100.00	\$100.00
Boat Storage				
Summer	\$300.00	\$300.00	\$300.00	\$300.00
Winter	\$200.00	\$200.00	\$200.00	\$200.00
Activity Center Rental				
1 day (Mon - Thur)	\$600.00	\$600.00	\$600.00	\$500.00
2 days (Mon -Thur)	\$850.00	\$850.00	\$850.00	\$750.00
1 day (Fri/Sat/Sun/holidays)	\$800.00	\$800.00	\$800.00	\$700.00
Event Fee (charge no less than \$350; subject to venue agreement)				
1 day	\$350.00	\$350.00	\$350.00	\$250.00
2 days	\$450.00	\$450.00	\$450.00	\$400.00

Rate Changes in RED

Note: Charitable and non-profit organizations may request and receive a 50 percent reduction in the above rates for building use Monday through Friday (excluding holidays). These organizations should appear on the list of Charitable Trusts published by the state of MI.

2016 Fees and Charges - Stony Creek

Type	2016 Rate	2015 Rate	2014 Rate	2013 Rate
Vehicle Entry Permit				
Annual	\$35.00	\$30.00	\$30.00	\$25.00
Senior Citizen	\$21.00	\$20.00	\$20.00	\$15.00
Daily	\$7.00	\$7.00	\$7.00	\$5.00
Joint Permit w/Oakland County Parks	TBD	\$54 (\$27)	\$54 (\$27)	\$48 (\$21)
Boat Permit				
Annual	\$35.00	\$35.00	\$35.00	\$30.00
Senior Citizen	\$21.00	\$20.00	\$20.00	\$15.00
Annual Permit / Boat Permit	\$70.00			
Annual Permit / Boat Permit	\$42.00			
Daily	\$7.00	\$7.00	\$7.00	\$5.00
Boat Storage				
Summer	\$300.00	\$300.00	\$300.00	\$300.00
Winter	\$200.00	\$200.00	\$200.00	\$200.00
Boat Rental				
Rowboat 12' and 14'	\$7/hour	\$7/hour	\$6/hour	\$6/hour
Maximum	\$25.00	\$25.00	\$25.00	\$25.00
Deposit and driver's license	\$30.00	\$20.00	\$20.00	\$20.00
Canoes	\$8/hour	\$8/hour	\$7/hour	\$7/hour
Paddleboats - 4 passenger	\$15/hour	\$13/hour	\$12.00	\$12.00
Swan / Dragon Pedal Boat	\$17/hour	\$15/hour	\$12.00	n/a
Kayak - 1 person	\$8/hour	\$8/hour	\$7.00	\$7.00
Kayak - 2 person	\$10/hour	\$9/hour	\$8.00	\$8.00
Senior Citizen Rate (M-Th)				
Row boat maximum	\$20.00	\$20.00	\$20.00	\$20.00
Cushions and life jackets provided w/rental				
Additional cushion/life jacket rental	\$1.00	\$1.00	\$1.00	\$1.00
Additional cushion/life jacket deposit	\$5.00	\$5.00	\$5.00	\$5.00
Rip Slide				
Single Ride	\$2.00	\$2.00	\$1.00	\$1.00
Daily wristband (unlimited rides)	\$10.00	\$10.00	\$10.00	\$10.00
Disc Golf				
Daily (wristband)	\$3.00	\$3.00	\$2.00	\$2.00
Annual bag tag	\$55.00	\$50.00	\$50.00	\$50.00
Annual senior bag tag (Sr. Citizen and Jr.)	\$35.00	\$30.00	\$30.00	\$30.00
Interpretive Program Fees				
Family/individual programs				
Adults (minimum fee)	\$5.00	\$5.00	\$5.00	\$5.00
Children (minimum fee)	\$3.00	\$3.00	\$3.00	\$3.00
Group Programs Onsite				
Per student, one program	\$3.00	\$2.00	\$2.00	\$2.00
Per student, all day program	\$6.00	\$5.00	\$5.00	\$5.00
Group Programs Outreach				
One program	\$100.00	\$75.00	\$75.00	\$75.00
Additional program, same day/same school	\$75.00	\$50.00	\$50.00	\$50.00
Building/classroom rental				
Day (2 hour minimum)	\$50/hour	\$50/hour	\$25/hour	\$25/hour
All day	\$300.00	\$200.00	\$200.00	\$200.00
Evening (2 hour minimum)	\$100.00	\$75/hour	\$50/hour	\$50/hour
Evening after first 2 hrs (each additional hour)	\$75.00	\$60.00	\$35.00	\$35.00

2016 Fees and Charges - Stony Creek

Type	2016 Rate	2015 Rate	2014 Rate	2013 Rate
Out of Five County Nature Center Appointments				
Per person (Minimum per group requirement, contact center)	\$4.00	\$3.00	\$3.00	\$3.00
Voyageur Canoe				
All ages	\$5.00	\$5.00	\$5.00	\$5.00
Group rate (maximum 20 persons)	\$75/hour	\$75/hour	\$75/hour	\$75/hour
Photography Fee				
2 hour minimum	\$150/hour	\$150/hour	\$150/hour	\$150/hour
Picnic Rental				
Standard shelter	\$225.00	\$200.00	\$200.00	\$200.00
Lakeside Gazebo	\$150.00	\$100.00	\$100.00	\$100.00
Banquet Tent Rental				
Fridays, Saturdays and Holidays	\$800.00	\$800.00	\$800.00	\$600.00
Weekdays and Sundays	\$700.00	\$700.00	\$700.00	\$500.00
Stage Rental				
Per day (up to a 25 mile distance)	\$600.00	\$500.00	\$500.00	\$450.00
Event Fee (charge no less than \$350; subject to venue agreement)				
1 day	\$350.00	\$350.00	\$350.00	\$250.00
2 days	\$450.00	\$450.00	\$450.00	\$400.00
Family Camping Events - Two Nights (Fri - Sun)				
Per Campsite	\$50.00	\$50.00	\$40.00	\$40.00
Bicycle Rental (1 hour minimum) 10-6pm daily				
26" Men's/women's single speed	\$7/hour	\$5/hour	\$5/hour	\$5/hour
Paddleboards (with \$20 deposit)	\$12/hour	\$10/hour	\$10/hour	\$10/hour
Cross Country Ski Rental (tax included)				
Full Set 1/2 day Adult	\$15.00	\$13.00	\$13.00	
Full Set 1/2 Day Youth (under 16)	\$9.00	\$9.00	\$9.00	
Skis	\$6.00	\$5.00	\$5.00	\$4.00
Boots	\$6.00	\$5.00	\$5.00	\$4.00
Poles	\$4.00	\$3.00	\$3.00	\$2.00

Rate Changes in RED

Note: Charitable and non-profit organizations may request and receive a 50 percent reduction in the above rates for building use Monday through Friday (excluding holidays). These organizations should appear on the list of Charitable Trusts published by the state of MI.

2016 Fees and Charges - Wolcott Mill

Type	2016 Rate	2015 Rate	2014 Rate	2013 Rate
Vehicle Entry Permit				
Annual	\$35.00	\$30.00	\$30.00	\$25.00
Senior Citizen	\$21.00	\$20.00	\$20.00	\$15.00
Daily	\$7.00	\$7.00	\$7.00	\$5.00
Interpretive Program Fees				
Family/individual programs				
Adults (minimum fee)	\$5.00	\$5.00	\$5.00	\$5.00
Children (minimum fee)	\$3.00	\$3.00	\$3.00	\$3.00
Group Programs Onsite				
Per student, one program	\$3.00	\$2.00	\$2.00	\$2.00
Per student, all day program	\$6.00	\$5.00	\$5.00	\$5.00
Group Programs Outreach				
One program (additional staff charges may apply)	\$100.00	\$75.00	\$75.00	\$75.00
Additional program, same day/same school	\$75.00	\$50.00	\$50.00	\$50.00
Out of Five County Nature Center Appointments				
Per person (Minimum per group requirement, contact center)	\$4.00	\$3.00	\$3.00	\$3.00
Photography Fee				
Daily - two hour minimum	\$150/hour	\$150/hour	\$150/hour	\$150/hour
Yearly Permit	\$150.00	\$150.00		
<i>Photo shoots by appointment only</i>				
Picnic Shelter Reservations				
Standard Shelter	\$225.00	\$200.00	\$200.00	\$200.00
Mill Gazebo	\$150.00	\$100.00	\$100.00	\$100.00
Event Fee (charge no less than \$350; subject to venue agreement)				
1 day	\$350.00	\$350.00	\$350.00	\$250.00
2 days	\$450.00	\$450.00	\$450.00	\$400.00
Camp Rotary				
Activities Building				
Catered food only - accommodates up to 120 people				
Monday - Thursday (9am - midnight)	\$450.00	\$450.00	\$450.00	\$350.00
Friday, Saturday, Sunday (9am - midnight)	\$500.00	\$500.00	\$500.00	\$400.00
Pavilion	\$200.00	\$200.00	\$200.00	\$200.00
Pavilion if rented with Activities bldg.	\$100.00	\$100.00	\$100.00	\$100.00
Shorian Lodge				
Weekend rates (single nights available at 1/2 rate)	\$220.00	\$220.00	\$220.00	\$220.00
Tent Camping (Organized Youth Groups only)				
First day/night (maximum 15 campers per site)	\$35.00	\$30.00	\$30.00	\$30.00
Additional day/nights	\$15.00	\$10.00		
Groups over 15 campers must book multiple sites.		\$10.00		
Out of Five County Interpretive Center Appointments				
Per person (Minimum per group requirement, contact center)	\$4.00	\$3.00	\$3.00	\$3.00
Farm Center Building/Classroom Rental				
Day (2 hour minimum)	\$50/hour	\$50/hour	\$25/hour	\$25/hour
All day (9 - 5pm)	\$200.00	\$200.00	\$200.00	\$200.00
Evening (2 hour minimum)	\$75/hour	\$75/hour	\$50/hour	\$50/hour
Evening after first 2 hrs (each additional hour)	\$60.00	\$60.00	\$35/hour	\$35/hour

2016 Fees and Charges - Wolcott Mill

Type	2016 Rate	2015 Rate	2014 Rate	2013 Rate
Hayrides				
Children (2 years and under)	Free	Free	Free	Free
Children (3-12 years)	\$3.00	\$3.00	\$3.00	\$3.00
Seniors	\$3.00	\$3.00	\$3.00	\$3.00
Adults	\$5.00	\$5.00	\$5.00	\$5.00
Group (25 maximum)	\$150.00	\$150.00	\$150.00	\$150.00
Historic Center				
Building Rental - Mill/Warehouse				
Day (two hour minimum)				
Monday - Friday	\$35/hour	\$25/hour		
Saturday and Sunday	\$50/hour	\$35/hour		
All Day (9-5pm)	\$200.00	\$200.00		
Evening (two hour minimum)	\$75/hour	\$75/hour		
Evening after first two hours (each additional hour)	\$60/hour	\$50/hour		
Riverfront Wedding Ceremony Site	\$150.00	\$100.00		
After 5p.m.	\$175.00	\$150.00		

Rate Changes in RED

Note: Charitable and non-profit organizations may request and receive a 50 percent reduction in the above rates for building use Monday through Friday (excluding holidays). These organizations should appear on the list of Charitable Trusts published by the state of MI.

2016 Fees and Charges - Indian Springs

Type	2016 Rate	2015 Rate	2014 Rate	2013 Rate
Vehicle Entry Permit				
Annual	\$35.00	\$30.00	\$30.00	\$25.00
Senior Citizen	\$21.00	\$20.00	\$20.00	\$15.00
Daily	\$7.00	\$7.00	\$7.00	\$5.00
Joint Permit w/Oakland County Parks	TBD	\$54 (\$27)	\$54 (\$27)	\$48 (\$21)
Interpretive Program Fees				
Family/individual programs				
Adults (minimum fee)	\$5.00	\$5.00	\$5.00	\$5.00
Children (minimum fee)	\$3.00	\$3.00	\$3.00	\$3.00
Group Programs Onsite				
Per student, one program	\$3.00	\$2.00	\$2.00	\$2.00
Per student, all day program	\$6.00	\$5.00	\$5.00	\$5.00
Group Programs Outreach				
One program	\$100.00	\$75.00	\$75.00	\$75.00
Additional program, same day/same school	\$75.00	\$50.00	\$50.00	\$50.00
Out of Five County Nature Center Appointments				
Per person (Minimum per group requirement, contact center)	\$4.00	\$3.00	\$3.00	\$3.00
Photography Fee				
2 hour minimum	\$150/hour	\$150/hour	\$150/hour	\$150/hour
Picnic Shelter Reservation				
Standard shelter	\$200.00	\$200.00	\$200.00	\$200.00
Shade Structure Spray n' Play	\$50.00	\$50.00	\$50.00	
Event Fee (charge no less than \$350; subject to venue agreement)				
1 day	\$350.00	\$350.00	\$350.00	\$250.00
2 days	\$450.00	\$450.00	\$450.00	\$400.00
Building/Classroom Rental				
Day (2 hour minimum)	\$50/hour	\$50/hour	\$50/hour	\$25/hour
All day	\$300.00	\$200.00	\$200.00	\$200.00
Evening (2 hour minimum)	\$100.00	\$75/hour	\$75/hour	\$50/hour
Evening after first 2 hrs (each additional hour)	\$75.00	\$60.00	\$60.00	\$35/hour
Environmental Discovery Center Events Room Rental Non-Wedding				
April - October (per day)				
Friday, Saturday and holidays	\$1,000.00	\$1,000.00	\$1,000.00	\$900.00
Sunday - Thursday	\$800.00	\$800.00	\$800.00	\$700.00
November - March				
Friday, Saturday and holidays	\$900.00	\$900.00	\$900.00	\$800.00
Sunday - Thursday	\$700.00	\$700.00	\$700.00	\$600.00
Environmental Discovery Center Events Room Rental Wedding Packages				
April - October (per day)				
Ceremony & Reception Package				
Friday, Saturdays and Holidays	\$2,000.00			
Sunday - Thursday	\$1,500.00			
Reception Only Package				
Friday, Saturdays and Holidays	\$1,700.00			
Sunday - Thursday	\$1,200.00			
November - March (per day)				
Reception Only Package				
Friday, Saturdays and Holidays	\$1,500.00			
Sunday - Thursday	\$1,200.00			

Rate Changes in RED

Note: Charitable and non-profit organizations may request and receive a 50 percent reduction in the above rates for building use Monday through Friday (excluding holidays). These organizations should appear on the list of Charitable Trusts published by the state of MI.

2016 Fees and Charges - Kensington

Type	2016 Rate	2015 Rate	2014 Rate	2013 Rate
Vehicle Entry Permit				
Annual	\$35.00	\$30.00	\$30.00	\$25.00
Senior Citizen	\$21.00	\$20.00	\$20.00	\$15.00
Daily	\$7.00	\$7.00	\$7.00	\$5.00
Joint Permit with Oakland County Parks	TBD	\$54 (\$27)	\$54 (\$27)	\$48 (\$21)
Boat Permit				
Annual	\$35.00	\$35.00	\$35.00	\$30.00
Senior Citizen	\$21.00	\$20.00	\$20.00	\$15.00
Annual Permit / Boat Permit	\$70.00			
Annual Permit / Boat Permit	\$42.00			
Daily	\$7.00	\$7.00	\$7.00	\$5.00
Boat Rental				
Rowboat 12' and 14'	\$7/hour	\$7/hour	\$6/hour	\$6/hour
Maximum	\$25.00	\$25.00	\$25.00	\$25.00
Deposit and driver's license	\$30.00	\$20.00	\$20.00	\$20.00
Canoes	\$8/hour	\$8/hour	\$7/hour	\$7/hour
Paddleboats - 4 passenger	\$15/hour	\$13/hour	\$12.00	\$12.00
Swan / Dragon Pedal Boat	\$17/hour	\$15/hour	\$12.00	n/a
Kayak - 1 person	\$8/hour	\$8/hour	\$7.00	\$7.00
Kayak - 2 person	\$10/hour	\$9/hour	\$8.00	\$8.00
Senior Citizen Rate (M-Th)				
Row boat maximum	\$20.00	\$20.00	\$20.00	\$20.00
Cushions and life jackets provided w/rental				
Additional cushion/life jacket rental	\$1.00	\$1.00	\$1.00	\$1.00
Additional cushion/life jacket deposit	\$5.00	\$5.00	\$5.00	\$5.00
Boat Slip Rental Space - Per Person				
Class A (78-96" width - length up to 24')	\$500.00	\$500.00	\$500.00	\$500.00
Class B (66-77" width - length up to 20')	\$425.00	\$425.00	\$425.00	\$425.00
Class C (54-65" width - length up to 18')	\$350.00	\$350.00	\$350.00	\$350.00
Class D (24-53" width - length up to 16')	\$300.00	\$300.00	\$300.00	\$300.00
Group Campsite - Overnight (Youth Groups Only)				
Permit (per troop)	\$40.00	\$40.00	\$40.00	\$30.00
Camporees/Jamborees - per troop/group	\$40.00	\$40.00	\$40.00	\$30.00
Wood bundles	\$15.00	\$15.00	\$15.00	\$10.00
Canoe Campsite - Overnight				
Per Canoe (up to 5)	\$5.00	\$5.00	\$5.00	\$2.00
Excursion Boat - Island Queen				
Adults - per person	\$6.00	\$6.00	\$6.00	\$6.00
Children ages 3-12, Senior Citizens - per person	\$4.00	\$4.00	\$4.00	\$4.00
Children 2 years and under	Free	Free	Free	Free
Charter - morning or evening	\$100/hr	\$100/hr	\$90/hour	
Disc Golf Course				
Daily (wristband)	\$3.00	\$3.00	\$2.00	\$2.00
Annual bag tag	\$55.00	\$50.00	\$50.00	\$50.00
Annual Senior (62 & over)/Jr. (17 & under) bag tag	\$35.00	\$30.00	\$30.00	\$30.00
Deposit for disc rental	\$10.00	\$10.00	\$10.00	\$10.00

2016 Fees and Charges - Kensington

Type	2016 Rate	2015 Rate	2014 Rate	2013 Rate
Interpretive Program Fees				
Family/individual programs				
Adults (minimum fee)	\$5.00	\$5.00	\$5.00	\$5.00
Children (minimum fee)	\$3.00	\$3.00	\$3.00	\$3.00
Group Programs Onsite				
Per student, one program	\$3.00	\$2.00	\$2.00	\$2.00
Per student, all day program	\$6.00	\$5.00	\$5.00	\$5.00
Group Programs Outreach				
One program (additional staff charges may apply)	\$100.00	\$75.00	\$75.00	\$75.00
Additional program, same day/same school	\$75.00	\$50.00	\$50.00	\$50.00
Building/Classroom Rental				
Day (2 hour minimum)	\$50/hour	\$50/hour	\$50/hour	\$25/hour
All day	\$300.00	\$200.00	\$200.00	\$200.00
Evening (2 hour minimum)	\$100.00	\$75/hour	\$75/hour	\$50/hour
Evening after first 2 hrs (each additional hour)	\$75.00	\$60.00	\$60.00	\$35.00
Out of Five County Nature Center Appointments				
Per person	\$4.00	\$3.00	\$3.00	\$3.00
(Minimum per group requirement, contact center)				
Mobile Learning Center				
First Day	\$425.00	\$425.00	\$425.00	\$425.00
Weekends	\$600.00	\$600.00	\$600.00	\$600.00
Informal (4 hours or less)	\$125.00			
Additional hours	\$50.00			
Cross Country Ski Rental (tax included)				
1/2 day full package rental	\$13.00	\$13.00	\$13.00	\$10.00
1/2 day full package rental (youth under 16)	\$9.00	\$9.00	\$9.00	
Group rate (M-F only in advance, 15 or more)	\$8.00	\$8.00	\$8.00	\$6.00
Skis only	\$6.00	\$5.00	\$5.00	\$4.00
Boots only	\$6.00	\$5.00	\$5.00	\$4.00
Poles only	\$4.00	\$5.00	\$5.00	\$2.00
Hayrides / Sleigh rides (Noon - 4pm Sat & Sun)				
Children 2 years and under	Free	Free	Free	Free
Children 3-12 years	\$3.00	\$3.00	\$3.00	\$3.00
Seniors	\$3.00	\$3.00	\$3.00	\$3.00
Adults (per person)	\$5.00	\$5.00	\$5.00	\$5.00
Reservations (5 - 9pm)				
Rates	\$150/hour	\$150/hour	\$150/hour	\$150/hour
2-Hour Rate	\$250.00	\$250.00	\$250.00	\$250.00
Bonfire	\$50.00	\$50.00	\$50.00	\$50.00
Day Charter Reservations (10am - 4pm)				
Groups (1/2 hour by appointment)	\$50	\$50	\$50	\$50
Photography Fee				
2 hour minimum	\$150/hour	\$150/hour	\$150/hour	\$150/hour
Picnic Shelter Reservation				
Fee	\$225.00	\$225.00	\$225.00	\$200.00
Stage Rental				
Per day (up to a distance of 25 miles)	\$600.00	\$500.00	\$500.00	n/a

2016 Fees and Charges - Kensington

Type	2016 Rate	2015 Rate	2014 Rate	2013 Rate
Splash & Blast (Family Aquatic Center)				
Adult	\$6.00	\$6.00	\$5.00	\$5.00
Children (ages 2-15) and Jr.	\$5.00	\$5.00	\$4.00	\$4.00
Children under age 2	Free	Free	Free	Free
Seniors	\$5.00	\$5.00	\$4.00	\$4.00
Twilight (After 5pm)				
Adult	\$5.00	\$5.00	\$4.00	\$4.00
Senior and children	\$4.00	\$4.00	\$3.00	\$3.00
Before & After Hours (10-11am, 7-8pm)				
Group rates for groups of 75 or less	\$200/hour	\$200/hour	\$200/hour	\$200/hour
Groups over 75 (additional fee per person)	\$4.00	\$4.00	\$4.00	\$4.00
Event Fee (charge no less than \$350; subject to venue agreement)				
1 day	\$350.00	\$350.00	\$350.00	\$250.00
2 days	\$450.00	\$450.00	\$450.00	\$400.00

Rate Changes in RED

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2016 Fees and Charges - Huron Meadows

Type	2016 Rate	2015 Rate	2014 Rate	2013 Rate
Vehicle Entry Permit				
Annual	\$35.00	\$30.00	\$30.00	\$25.00
Senior Citizen	\$21.00	\$20.00	\$20.00	\$15.00
Daily	\$7.00	\$7.00	\$7.00	\$5.00
Cross Country Ski Rental (tax included)				
Full Set 1/2 day	\$10.00	\$10.00	\$10.00	\$10.00
Full Set 1/2 day - Adult	\$13.00	\$13.00	\$13.00	
Full Set 1/2 day - Youth (under 16)	\$9.00	\$9.00	\$9.00	
Group rate (Monday - Friday only)	\$8.00	\$8.00	\$8.00	\$6.00
Skis	\$6.00	\$5.00	\$5.00	\$4.00
Boots	\$6.00	\$5.00	\$5.00	\$4.00
Poles	\$4.00	\$3.00	\$3.00	\$2.00
Photography Fee				
2 hour minimum	\$150/hour	\$150/hour	\$150/hour	\$150/hour
Picnic Shelter Reservation				
Fee	\$200.00	\$200.00	\$200.00	\$200.00

Rate Changes in RED

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2016 Fees and Charges - Hudson Mills

Type	2016 Rate	2015 Rate	2014 Rate	2013 Rate
Vehicle Entry Permit				
Annual	\$35.00	\$30.00	\$30.00	\$25.00
Senior Citizen	\$21.00	\$20.00	\$20.00	\$15.00
Daily	\$7.00	\$7.00	\$7.00	\$5.00
Joint Permit with Oakland County Parks	TBD	\$54 (\$27)	\$54 (\$27)	\$48 (\$21)
Group Campsite - Overnight (Youth Groups Only)				
Permit - per troop	\$40.00	\$40.00	\$40.00	\$30.00
Camporees/Jamborees - per troop/group	\$40.00	\$40.00	\$40.00	\$30.00
Wood bundles	\$15.00	\$15.00	\$15.00	\$10.00
Canoe Campsite - Overnight				
Per Canoe (up to 5)	\$5.00	\$5.00	\$5.00	\$5.00
Disc Golf Course				
Daily (wristband)	\$3.00	\$3.00	\$2.00	\$2.00
Annual bag tag	\$55.00	\$50.00	\$50.00	\$50.00
Annual Senior (62 & over) & Jr. (17 & under) bag tag	\$35.00	\$30.00	\$30.00	\$30.00
Deposit for disc rental	\$10.00	\$10.00	\$10.00	\$10.00
Interpretive Program Fees				
Family/individual programs				
Adults (minimum fee)	\$5.00	\$5.00	\$5.00	\$5.00
Children (minimum fee)	\$3.00	\$3.00	\$3.00	\$3.00
Group Programs Onsite				
Per student, one program	\$3.00	\$2.00	\$2.00	\$2.00
Per student, all day program	\$6.00	\$5.00	\$5.00	\$5.00
Group Programs Outreach				
One program	\$100.00	\$75.00	\$75.00	\$75.00
Additional program, same day/same school	\$75.00	\$50.00	\$50.00	\$50.00
Building/classroom rental				
Day (2 hour minimum)	\$50/hour	\$50/hour	\$50/hour	\$25/hour
All day	\$300.00	\$200.00	\$200.00	\$200.00
Evening (2 hour minimum)	\$100.00	\$75/hour	\$75/hour	\$50/hour
Evening after first 2 hrs (each additional hour)	\$75.00	\$60.00	\$60.00	\$35.00
Out of Five County Nature Center Appointments				
Per person (Minimum per group requirement, contact center)	\$4.00	\$3.00	\$3.00	\$3.00
Photography Fee				
2 hour minimum	\$150/hour	\$150/hour	\$150/hour	\$150/hour
Picnic Shelter Reservation				
Fee	\$200.00	\$200.00	\$200.00	\$200.00
Cross Country Ski Rental (tax included)				
Full Set 1/2 day	\$10.00	\$10.00	\$10.00	\$10.00
Full Set 1/2 day Adult	\$13.00	\$13.00	\$13.00	
Full Set 1/2 day Youth (under 16)	\$9.00	\$9.00	\$9.00	
Group Rate (Monday - Friday only)	\$8.00	\$8.00	\$8.00	\$6.00
Skis	\$6.00	\$5.00	\$5.00	\$4.00
Boots	\$6.00	\$5.00	\$5.00	\$4.00
Poles	\$4.00	\$3.00	\$3.00	\$2.00

2016 Fees and Charges - Hudson Mills

Type	2016 Rate	2015 Rate	2014 Rate	2013 Rate
Rip Slide				
Single Ride	\$2.00	\$2.00	n/a	n/a
Daily wristband (unlimited rides)	\$10.00	\$10.00	n/a	n/a
Tennis Racquet and Basketball Rental				
Deposit	\$10.00	\$10.00	\$10.00	\$10.00
Event Fee (charge no less than \$350; subject to venue agreement)				
1 day	\$350.00	\$350.00	\$350.00	\$250.00
2 days	\$450.00	\$450.00	\$450.00	\$400.00

Rate Changes in RED

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2016 Fees and Charges - Dexter-Huron & Delhi

Dexter-Huron

Type	2016 Rate	2014 Rate	2014 Rate	2013 Rate
Vehicle Entry Permit				
Annual	\$35.00	\$30.00	\$30.00	\$25.00
Senior Citizen	\$21.00	\$20.00	\$20.00	\$15.00
Daily	\$7.00	\$7.00	\$7.00	\$5.00
Picnic Shelter Reservation				
Fee	\$200.00	\$200.00	\$200.00	\$200.00

Delhi

Vehicle Entry Permit				
Annual	\$35.00	\$30.00	\$30.00	\$25.00
Senior Citizen	\$21.00	\$20.00	\$20.00	\$15.00
Daily	\$7.00	\$7.00	\$7.00	\$5.00
Picnic Shelter Reservation				
Fee	\$200.00	\$200.00	\$200.00	\$200.00
Canoe Rental (Lease Operation)				
Hudson Mills to Delhi (eight miles)	\$40.00	\$40.00	\$40.00	\$37.00
Dexter-Huron to Delhi (three miles)	\$25.00	\$25.00	\$25.00	\$25.00
Deposit	\$20.00	\$20.00	\$20.00	\$20.00
Premium canoe (extra charge)	\$5.00	\$5.00	\$5.00	\$5.00
Two-day overnight from Huron Meadows to Hudson Mills to Delhi	\$40.00	\$40.00	\$40.00	\$40.00
Third adult in canoe	Additional fee 50% of normal rate			
Kayak Rental (Lease Operation)				
Hudson Mills to Delhi (8 miles)	\$32.00	\$32.00	\$32.00	\$32.00
Dexter-Huron to Delhi (three miles)	\$25.00	\$25.00	\$25.00	\$25.00
Deposit	\$20.00	\$20.00	\$20.00	\$20.00

Rate Changes in RED

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Price determined by vendor.

2016 Fees and Charges - Lower Huron

Type	2016 Rate	2015 Rate	2014 Rate	2013 Rate
Vehicle Entry Permit				
Annual	\$35.00	\$30.00	\$30.00	\$25.00
Senior Citizen	\$21.00	\$20.00	\$20.00	\$15.00
Daily	\$7.00	\$7.00	\$7.00	\$5.00
Golf Course - 18 Holes "Par 3"				
18 Holes - Monday - Friday	\$6.00	\$6.00	\$6.00	\$6.00
18 Holes - Weekends and Holidays	\$7.00	\$7.00	\$7.00	\$7.00
18 Holes - Sr. Citizen and Jr (M-F only)	\$5.00	\$5.00	\$5.00	\$5.00
Golf Balls	Current Market Price			
Golf Club Rental	\$2.00	\$2.00	\$2.00	\$1.50
Golf Course - Foot Golf				
Monday - Friday	\$6.00	\$6.00		
Saturday, Sunday, holidays	\$7.00	\$7.00	n/a	n/a
Senior Citizens and Juniors (M-F only)	\$5.00	\$5.00		
Photography Fee				
2 hour minimum	\$150/hour	\$150/hour	\$150/hour	\$150/hour
Picnic Shelter Reservations				
Tier 1 (seats up to 100)				
Ellwoods East	\$200.00	\$200.00	\$200.00	\$200.00
Ellwoods West	\$200.00	\$200.00	\$200.00	\$200.00
Sycamore Bend	\$200.00	\$200.00	\$200.00	\$200.00
Tulip Tree	\$200.00	\$200.00	\$200.00	\$200.00
Woods Creek North	\$200.00	\$200.00	\$200.00	\$200.00
Tier 2 (seats up to 200)				
Foxwoods	\$250.00	\$250.00	\$250.00	\$200.00
Hawthorne Glade North	\$250.00	\$250.00	\$250.00	\$200.00
Hawthorne Glade South	\$250.00	\$250.00	\$250.00	\$200.00
Woods Creek South	\$250.00	\$250.00	\$250.00	\$200.00
Turtle Cove Picnic Corrals (per day)	\$25.00	\$25.00	\$25.00	\$25.00
Event Fee (charge no less than \$350; subject to venue agreement)				
1 day	\$350.00	\$350.00	\$350.00	\$250.00
2 days	\$450.00	\$450.00	\$450.00	\$400.00
Rustic Camping - Overnight				
Per Campsite (per night)	\$25.00	\$25.00	\$20.00	\$20.00
Group Campsite - Overnight				
Permit	\$30.00	\$30.00	\$30.00	\$30.00
Camporees/Jamborees - per troop/group	\$30.00	\$30.00	\$30.00	\$30.00
Wood bundles	\$10.00	\$10.00	\$10.00	\$10.00
Turtle Cove Aquatic Center				
48" and taller	\$10.00	\$10.00	\$10.00	\$8.00
Under 48"	\$8.00	\$8.00	\$8.00	\$6.00
Twilight (after 5pm)	\$7.00	\$6.00	\$6.00	\$5.00
Youth group rate per person (20 minimum, M-F only)	\$6.00	\$6.00	\$6.00	\$5.00
Coin operated lockers	\$0.50	\$0.50	\$0.50	\$0.50

Rate Changes in RED

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2016 Fees and Charges - Willow

Type	2016 Rate	2015 Rate	2014 Rate	2013 Rate
Vehicle Entry Permit				
Annual	\$35.00	\$30.00	\$30.00	\$25.00
Senior Citizen	\$21.00	\$20.00	\$20.00	\$15.00
Daily	\$7.00	\$7.00	\$7.00	\$5.00
Swimming Pool				
All ages (includes use of bath house)	\$4.00	\$4.00	\$4.00	\$4.00
Twilight (after 5pm)	\$3.00	\$3.00	\$3.00	\$3.00
Children under 30" tall	Free	Free	Free	Free
Youth group rate (per person, 20 min., M-F only)	\$3.00	\$3.00	\$3.00	\$3.00
Coin-operated lockers	\$0.50	\$0.50	\$0.50	\$0.50
Picnic Shelter Reservation				
Tier 1 (seats up to 100)				
Big Bend North	\$200.00	\$200.00	\$200.00	\$200.00
Big Bend South	\$200.00	\$200.00	\$200.00	\$200.00
Chestnut North	\$200.00	\$200.00	\$200.00	\$200.00
Chestnut South	\$200.00	\$200.00	\$200.00	\$200.00
Fox Meadows North	\$200.00	\$200.00	\$200.00	\$200.00
Washago Pond	\$200.00	\$200.00	\$200.00	\$200.00
Tie 2 (seats up to 200)				
Flintwoods	\$250.00	\$250.00	\$250.00	\$200.00
Bicycle Rental (10am-6pm daily, one-hour minimum)				
20" or 26" single speed	\$5/hour	\$5/hour	\$5/hour	\$5/hour
Tandem	\$6.00	\$6.00	\$6.00	\$6.00
Driver's license and deposit	\$10.00	\$10.00	\$10.00	\$10.00
Maximum deposit (two or more bikes; same family)	\$20.00	\$20.00	\$20.00	\$20.00
Boat Rentals				
Row Boats	\$5/hour	\$5/hour	\$5/hour	\$5/hour
Pedal Boats	\$10/hour	\$10/hour	\$10/hour	\$10/hour
Skate Park				
Memorial Day - Labor Day	Free	Free	Free	Free
Court Games				
Basketball, volleyball and horseshoes	Free	Free	Free	Free
Limited equipment deposit (available upon request)	\$10.00	\$10.00	\$10.00	\$10.00

Rate Changes in RED

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2016 Fees and Charges - Oakwoods

Type	2016 Rate	2015 Rate	2014 Rate	2013 Rate
Vehicle Entry Permit				
Annual	\$35.00	\$30.00	\$30.00	\$25.00
Senior Citizen	\$21.00	\$20.00	\$20.00	\$15.00
Daily	\$7.00	\$7.00	\$7.00	\$5.00
Interpretive Program Fees				
Family/individual programs				
Adults (minimum fee)	\$5.00	\$5.00	\$5.00	\$5.00
Children (minimum fee)	\$3.00	\$3.00	\$3.00	\$3.00
Group Programs Onsite				
Per student, one program	\$3.00	\$2.00	\$2.00	\$2.00
Per student, all day program	\$6.00	\$5.00	\$5.00	\$5.00
Group Programs Outreach				
One program	\$100.00	\$75.00	\$75.00	\$75.00
Additional program, same day/same school	\$75.00	\$50.00	\$50.00	\$50.00
Building/Classroom Rental				
Day (2 hour minimum)	\$50/hour	\$50/hour	\$25/hour	\$25/hour
All day	\$300.00	\$200.00	\$200.00	\$200.00
Evening (2 hour minimum)	\$100.00	\$75/hour	\$50/hour	\$50/hour
Evening after first 2 hrs (each additional hour)	\$75.00	\$60.00	\$35.00	\$35.00
Out of Five County Nature Center Appointments				
Per person (Minimum per group requirement, contact center)	\$4.00	\$3.00	\$3.00	\$3.00
Voyageur Canoe				
All ages	\$5.00	\$5.00	\$5.00	\$5.00
Group rate (maximum 20 persons)	\$75/hour	\$75/hour	\$75/hour	\$75/hour
Picnic Shelter Reservation				
Fee	\$200.00	\$200.00	\$200.00	\$200.00

Rate Changes in RED

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2016 Fees and Charges - Lake Erie

Type	2016 Rate	2015 Rate	2014 Rate	2013 Rate
Vehicle Entry Permit				
Annual	\$35.00	\$30.00	\$30.00	\$25.00
Senior Citizen	\$21.00	\$20.00	\$20.00	\$15.00
Daily	\$7.00	\$7.00	\$7.00	\$5.00
Boat Permit				
Annual	\$35.00	\$35.00	\$35.00	\$30.00
Senior Citizen	\$21.00	\$20.00	\$20.00	\$15.00
Annual Permit / Boat Permit	\$70.00			
Annual Permit / Boat Permit	\$42.00			
Daily	\$7.00	\$7.00	\$7.00	\$5.00
Marina Transient Weekly				
25-Foot	\$56.00	\$56.00	\$56.00	\$56.00
30-Foot	\$66.00	\$66.00	\$66.00	\$66.00
35-Foot	\$76.00	\$76.00	\$76.00	\$76.00
40-Foot	\$81.00	\$81.00	\$81.00	\$81.00
Marina Transient Daily (24 hours)				
All boat lengths	\$30.00	\$30.00	\$30.00	\$30.00
Marina Miscellaneous				
Summer daily yard storage	\$5.00	\$5.00	\$5.00	\$5.00
Daily yard storage during repair (per day)	\$5.00	\$5.00	\$5.00	\$5.00
Trailer storage (weekly transient)				
Slip holders (weekly rate)	\$10.00	\$10.00	\$10.00	\$10.00
Summer dry storage (May 1 - Oct 31) w/ramp use	\$400.00	\$400.00	\$400.00	\$400.00
Special summer dry storage - 2 months or less (w/ramp)	\$250.00	\$250.00	\$250.00	\$250.00
Pump-out holding tank	\$6.00	\$6.00	\$6.00	\$6.00
Winter Boat Storage (Season ~ Oct. 16 - Apr. 15)				
Boat launch (flat rate)	\$300.00	\$300.00	\$300.00	\$300.00
Wave Pool				
Children (15 years and under) and Seniors	\$6.00	\$5.00	\$5.00	\$5.00
Adults	\$8.00	\$7.00	\$7.00	\$7.00
Children (under 30" in height)				
Twilight rate (after 5pm)	\$5.00	\$4.00	\$4.00	\$4.00
Raft rental (included in price)	Free	Free	Free	Free
Coin operated lockers	\$0.50	\$0.50	\$0.50	\$0.50
Organized youth group (20 person minimum)				
Weekdays only	\$4.00	\$4.00	\$4.00	\$4.00
Photography Fee				
2 hour minimum	\$150/hour	\$150/hour	\$150/hour	\$150/hour
Out of Five County Nature Center Appointments				
Per person				
(Minimum per group requirement, contact center)	\$4.00	\$3.00	\$3.00	\$3.00
Picnic Shelter Reservation				
Tier 1 (seats up to 100)				
American Lotus	\$200.00	\$200.00	\$200.00	\$200.00
Muskrat	\$200.00	\$200.00	\$200.00	\$200.00
Cattail	\$200.00	\$200.00	\$200.00	\$200.00
Tier 3 (seats up to 300)				
Blue Heron	\$300.00	\$300.00	\$300.00	\$250.00

2016 Fees and Charges - Lake Erie

Type	2016 Rate	2015 Rate	2014 Rate	2013 Rate
Interpretive Program Fees				
Family/individual programs				
Adults (minimum fee)	\$5.00	\$5.00	\$5.00	\$5.00
Children (minimum fee)	\$3.00	\$3.00	\$3.00	\$3.00
Group Programs Onsite				
Per student, one program	\$3.00	\$2.00	\$2.00	\$2.00
Per student, all day program	\$6.00	\$5.00	\$5.00	\$5.00
Group Programs Outreach				
One program	\$100.00	\$75.00	\$75.00	\$75.00
Additional program, same day/same school	\$75.00	\$50.00	\$50.00	\$50.00
Building/Classroom Rental				
Day (2 hour minimum)	\$50/hour	\$50/hour	\$25/hour	\$25/hour
All day	\$300.00	\$200.00	\$200.00	\$200.00
Evening (2 hour minimum)	\$100.00	\$75/hour	\$50/hour	\$50/hour
Evening after first 2 hrs (each additional hour)	\$75.00	\$60.00	\$35.00	\$35.00
Event Fee (charge no less than \$350; subject to venue agreement)				
1 day	\$350.00	\$350.00	\$350.00	\$250.00
2 days	\$450.00	\$450.00	\$450.00	\$400.00

Rate Changes in RED

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HURON-CLINTON METROPOLITAN AUTHORITY

To: Board of Commissioners
From: Rebecca L. Franchock, Controller
Subject: Deferred Compensation 457 Plan Service Provider Review
Date: Aug. 4, 2015

Action Requested: Motion to Receive/File Valuation Report and Recommend Contribution

That the Board of Commissioners' accept the ICMA Retirement Corporations improved rate proposal and mapping of existing investments and cease to provide direct deposit contributions to the AXA Equitable program.

Fiscal Impact: None

Background: In August of 2014, the Board approved giving oversight of the Deferred Compensation (457) plans, the Defined Contribution (DC) Pension (401) plan and the Retiree Health Savings (RHS) plans to the Pension Committee. Several months ago, consultant Jim Van Leuven began a process of reviewing the fund line up as well as the fee structure associated with these plans for the current providers. At this time, the ICMA Retirement Corporation provides a Deferred Compensation (457) plan, Defined Contribution Pension (401) plans and Retiree Health Savings (RHS) plans. AXA Equitable provides a Deferred Compensation (457) plan.

In reviewing the plans, Mr. Van Leuven noted that although the ICMA's plans were superior, there were concerns with both the fund lineup as well as the fee structure for the plans from both ICMA and AXA Equitable. These concerns were communicated to representatives for both plans and they were urged to provide their last/best proposals for consideration.

ICMA responded with a considerable improvement in fee structure as well as some improvement in the plan line-up. It is estimated that the improvement in fee structure would result in annual savings to Metropark participants in excess of \$30,000 annually.

AXA Equitable proposal had the caveat that they would not make any improvements/changes unless they assumed the assets of both plans and the HCMA would no longer participate in ICMA RC's plans. The AXA proposal is problematic in that they do not offer an RHS plan. This would result in that smaller plan being orphaned with ICMA and the fee structure would certainly be negatively impacted. Further, the improvement offered by the AXA was minor.

ICMA has also committed to providing a minimum of quarterly on-site employee education sessions throughout the Metropark system. AXA provides individual meetings with employees at the employee's request.

Based on the two proposals, ICMA clearly provides the superior product. That being said, moving existing employee funds from AXA to ICMA would trigger substantial surrender charges for some participants.

There are currently 115 employees actively participating in deferred compensation. Forty (40) contribute funds into AXA only; 66 into ICMA only; and nine into both funds. Based on this information, staff recommend that: (1) future payroll deduction contributions to AXA end as of 12/31/2015; (2) funds within ICMA be mapped to the improved fund lineup with an effective date to be determined; and (3) all participants be allowed to retain or transfer their investments with AXA Equitable as they see fit over time. Limiting the 457 offering to the ICMA provides the Metroparks employee's with the best option based on fees and plan line-up. A single provider also offers administrative relief.

**Attachments: Consultant Comparison and Recommendations for ICMA-AXA Proposals
457 Plan Participants
AXA Equitable Retirement Gateway Funds – Detailed Listing**

To: Rebecca Franchock, Controller
 From: Jim Van Leuven, Consultant
 Subject: Comparison of AXA and ICMA Proposals for HCMA 401 and 457 Plans
 Date: Aug. 4, 2015

Fund Lineup

AXA: 134 funds

ICMA: 35 funds plus two CD's with Bank of America

Administrative Fee

AXA: 0.30 percent

ICMA: 0.23 percent

Expenses

The ICMA fund lineup is slightly less expensive; however, the target date funds which have the largest allocations in the ICMA plans (29.91 percent in the 457 plan and 91.53 percent in the 401 plan) are considerably less expensive in the ICMA proposal. ICMA fees for the target date funds range from 0.68-0.86; AXA offers two target date fund families, American Century with fees ranging from 1.26-1.46 and T. Rowe Price with fees ranging from 1.09-1.26.

All full-time employees hired on or after Jan. 1, 2013 are required to participate and contribute to the ICMA 401 Plan. Another factor to consider is the default fund (when the new employee neglects to select a fund) is a target date fund. Assets in the 401 plan will increase significantly going forward.

Participant Education

AXA currently provides one-on-one counseling/advice usually at the participant's home. Past practice by HCMA has not allowed on-site counseling/advice.

ICMA has committed to quarterly education sessions on-site, even providing lunch to the participants.

Other Issues

The AXA proposal and fees are contingent upon acquiring all of the 401 and 457 assets. AXA does not offer an RHS plan and cannot accept the RHS funds.

The ICMA proposal has no contingencies; however, at a meeting with ICMA representatives on June 16 they stated they could help with AXA surrender charges (\$41,887.57) if ICMA managed all 457 assets. They also stated ICMA does not make any money on the RHS plan. If the 401 and 457 assets were placed with AXA that might jeopardize the continuation of the RHS plan.

Staff Issues

It is not clear how much staff time would be needed to transition from one provider to another. Both AXA and ICMA have committed to helping with any transition. Everyone agreed at the June 16 meeting that Dec. 31, 2015 would be a poor choice for implementing a transition.

Recommendation

Considering the overall cost, the improved fund lineup, the commitment to participant education and the RHS plan, it is my recommendation to continue to use ICMA for the 401, 457 and RHS plans. In addition, it is also recommended that participants place all future contributions with ICMA and move their 457 plan assets from AXA to ICMA when the surrender charges expire.

Comparison of Deferred Compensation (457) Plan Providers - Line Up and Associated Fees

ICMA Proposed Fune Lineup

0.23% of Fund Revenue Charge

AXA Equitable Fund Lineup

.40% of Asset Charge

Stable Value/Money Market	Expense Ratio	Morningstar Rating		Expense Ratio
VT Cash Management	0.61%	n/a	Equitable Money Market	0.72%
VantageTrust PLUS Fund	0.84%	n/a		
Retirement Income Advantage	1.73%	n/a		
Investment Grade Bonds				
Vanguard Total Bond Mkt Index	0.07%	3	10 Funds (a)	.67 to 1.21%
Vantagepoint Low Duration Bond	0.20%	3		
VT Vantagepoint Inflation Focused	0.65%	3		
High Yield				
PIMCO High Yield	0.80%	3	4 Funds (k)	0.76 to 1.28%
Target Date Funds				
JPMorgan Income Select	0.68%	4	American Century - 9 (b)	1.26 to 1.49%
JPMorgan 2015	0.72%	2		
JPMorgan 2020	0.76%	4	T. Rowe Price - 11 Funds (c)	1.09 to 1.26%
JPMorgan 2025	0.79%	4		
JPMorgan 2030	0.81%	4		
JPMorgan 2035	0.83%	4		
JPMorgan 2045	0.84%	4		
JPMorgan 2050	0.84%	3		
JPMorgan 2055	0.86%	4		
Large Cap Blend				
Fidelity Puritan	0.56%	5	4 Funds (d)	1.20 to 1.48%
Large Cap Index Funds				
Vantagepoint 500 Stk Index	0.20%	3	4 Funds (e)	.62 to .93%
Vantagepoint Broad Mkt Index	0.20%	4		
Large Cap Growth Funds				
T Rowe Price Growth Stock	0.92%	4	T Rowe Price Growth Stock	1.10%
Fidelity Contra Fund	0.64%	4	14 Funds (l)	.85 to 1.73%
Large Cap Value Funds				
Invesco Diversified Div	0.59%	4	13 Funds (m)	0.88 to 1.63%

Comparison of Deferred Compensation (457) Plan Providers - Line Up and Associated Fees

Mid Cap Funds

Goldman Sachs Mid Cap Value	0.89%	3	11 Funds (f)	.89 to 1.35%
Vantagepoint Select Value	0.97%	3		
Buffalo Discovery	1.01%	5		
AMG TimesSquare Mid Cap Growth	1.24%	4		

Mid Cap Index Funds

Vantagepoint Md/Sm Co Index	0.20%	3	Equitable Mid Cap Index	0.73%
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Small Cap

Oppenheimer Discovery	0.86%	4	6 Funds (h)	1.01 - 2.03
Vantagepoint Discovery	0.95%	3		
T Rowe Price Sm-Cap Value	1.24%	3		

Small Cap Index Funds

Equitable Small Cap Index	0.72%
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International Stock Funds

Vantagepoint Overseas Eq Index	0.31%	3	18 Funds (i)	.76 to 2.14%
Fidelity Diversified Intl	0.91%	4		
Vantagepoint International	0.97%	4		
Harbor International	1.00%	3		

Real Estate/Specialty

Nuveen Real Estate Securities	1.05%	4	Invesco VI Global Real Estate	1.35%
			7 Funds	1.05 to 2.08%

Other Asset Allocation Funds

17 Funds (n)	0.97% to 1.82%
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AXA Equitable Retirement Gateway Funds - Detail listing

	Expense
<u>Cash Equivalents</u>	
EQ I MONEY MARKET	0.72
<u>Investment Grade Bonds</u>	
CHARTERSM MULTI-SECTOR BOND (a)	1.21
EQ I GLOBAL BOND PLUS (a)	1.00
EQ I PIMCO ULTRA SHORT BOND (a)	0.85
EQICORE BOND INDEX (a)	0.72
EQ QUALITY BOND PLUS (a)	0.85
FIDELITY VIP INVESTMENT GRADE BOND PORT (a)	0.67
FRANKLIN STRATEGIC INCOME VIP FUND (a)	0.86
PIMCO VIT REAL RETURN (a)	0.75
PIMCO VIT TOTAL RETURN (a)	0.75
TEMPLETON GLOBAL BOND VIP FUND (a)	0.76
<u>High Yield</u>	
FIDELITY VIP HIGH INCOME PORTFOLIO (k)	0.93
FRANKLIN HIGH INCOME FUND CLASS A (k)	0.76
INVESCO V.I. HIGH YIELD FUND (k)	1.28
IVY FUNDS VIP HIGH INCOME (k)	0.93
<u>Target Date Funds</u>	
AMERICAN CENT ONE CHOICE IN RETIREMENT R (b)	1.26
AMERICAN CENTURY ONE CHOICE 2020 PORT R (b)	1.29
AMERICAN CENTURY ONE CHOICE 2025 PORT R (b)	1.32
AMERICAN CENTURY ONE CHOICE 2030 PORT R (b)	1.34
AMERICAN CENTURY ONE CHOICE 2035 PORT R (b)	1.37
AMERICAN CENTURY ONE CHOICE 2040 PORT R (b)	1.40
AMERICAN CENTURY ONE CHOICE 2045 PORT R (b)	1.44
AMERICAN CENTURY ONE CHOICE 2050 PORT R (b)	1.45
AMERICAN CENTURY ONE CHOICE 2055 PORT R (b)	1.46
T. ROWE PRICE RETIREMENT 2005 (c)	1.09
T. ROWE PRICE RETIREMENT 2010 (c)	1.09
T. ROWE PRICE RETIREMENT 2015 (c)	1.13
T. ROWE PRICE RETIREMENT 2020 (c)	1.17
T. ROWE PRICE RETIREMENT 2025 (c)	1.20
T. ROWE PRICE RETIREMENT 2030 (c)	1.23
T. ROWE PRICE RETIREMENT 2035 (c)	1.25
T. ROWE PRICE RETIREMENT 2040 (c)	1.26
T. ROWE PRICE RETIREMENT 2045 (c)	1.26
T. ROWE PRICE RETIREMENT 2050 (c)	1.26
T. ROWE PRICE RETIREMENT 2055 R (c)	1.26

AXA Equitable Retirement Gateway Funds - Detail listing

	Expense
<u>Large Cap Blend</u>	
LARGE CAP CORE MANAGED VOLATILITY (d)	1.38
LORD ABBETT FUNDAMENTAL EQUITY R3 (d)	1.20
MFS MASSACHUSETTS INVESTORS TRUST R (d)	1.48
PRUDENTIAL JENNISON EQUITY INCOME R (d)	1.38
<u>Large Cap Index</u>	
AMERICAN FUNDS FUNDAMENTAL INVS R2 (e)	0.93
EQ I COMMON STOCK INDEX (e)	0.72
EQ I EQUITY 500 INDEX (e)	0.62
EQ / LARGE CAP VALUE INDEX (e)	0.75
<u>Large Cap Growth</u>	
EQ I T ROWE PRICE GROWTH STOCK	1.10
AMERICAN CENTURY SELECT R (I)	1.50
AMERICAN FUNDS AMCAP R2 (I)	1.46
AMERICAN FUNDS GROWTH FUND OF AMER R2 (I)	1.38
LARGE CAP GROWTH MANAGED VOLATILITY (I)	0.90
AXA LOOMIS SAYLES GROWTH PORTFOLIO (I)	1.15
EQ I WELLS FARGO OMEGA GROWTH (I)	1.04
EQI LARGE CAP GROWTH INDEX (I)	0.73
FIDELITY ADVISOR NEW INSIGHTS T (I)	1.17
FIDELITY VIP CONTRAFUND PORTFOLIO (I)	0.89
JANUS ASPEN FORTY (I)	0.81
MFS GROWTH FUND R (I)	1.78
MFS MASSACHUSETTS INVESTORS GR STK R1 (I)	1.49
MULTIMANAGER AGGRESSIVE EQUITY (I)	1.03
T. ROWE PRICE NEW AMERICA GROWTH (I)	0.85
<u>Large Cap Value</u>	
AMERICAN CENTURY VALUE R (m)	1.48
AMERICAN FUNDS AMERICAN MUTUAL R2 (m)	1.41
AMERICAN FUNDS WASHINGTON MUTUAL R2 (m)	1.35
AXA LARGE CAP VALUE MANAGED VOLATIUIY (m)	0.88
COLUMBIA DIVIDEND INCOME FUND R (m)	1.27
EQ I BLACKROCK BASIC VALUE EQUiLY (m)	0.95
EQ I BOSTON ADVISORS EQUITY INCOME (m)	1.05
EQ INVESCO COMSTOCK PORTFOLIO (m)	1.00
INVESCO DIVERSIFIED DIVIDEND R (m)	1.09
INVESCO GROWTH AND INCOME FUND R (m)	1.09
MFS VALUE R1 (m)	1.63
NEUBERGER BERMAN EQUITY INCOME R3 (m)	1.34
T. ROWE PRICE EQUITY INCOME (m)	1.10

AXA Equitable Retirement Gateway Funds - Detail listing

	Expense
<u>Mid Cap</u>	
ALLIANZ NFJ MID-CAP VALUE (f)	1.35
AMERICAN CENTURY HERITAGE R (f)	1.50
AXA 400 MANAGED VOLATILITY (f)	0.93
AXA MID CAP VALUE MANAGED VOLATILITY (f)	0.99
EQ I MORGAN STANLEY MID CAP GROWTH (f)	1.08
FIDELITY VIP MID CAP PORTFOLIO (f)	0.89
INVESCO V.I. MID CAP CORE EQUITY (f)	1.29
MFS MID CAP VALUE R1 (f)	1.97
MULTIMANAGER MID CAP GROWTH (f)	1.25
MULTIMANAGER MID CAP VALUE (f)	1.30
PERKINS MID CAP VALUE S (f)	0.99
<u>Mid Cap Index</u>	
EQIMID CAP INDEX	0.73
VANGUARD VIF MID-CAP INDEX PORTFOLIO	0.25
<u>Small Cap</u>	
EQ I ALLIANCEBERNSTEIN SMALL CAP GROWTH (h)	1.01
EQ I GAMCO SMALL COMPANY VALUE (h)	1.08
FIDELITY ADVISOR SMALL CAP (h)	1.20
INVESCO V.I. SMALL CAP EQUITY (h)	1.30
JANUS TRITON CLASS S (h)	1.18
MFS NEW DISCOVERY R (h)	2.03
<u>Small Cap Index</u>	
EQ I SMALL COMPANY INDEX	0.72
<u>International Stock Funds</u>	
AMERICAN FUNDS EUROPACIFIC GR R2 (i)	1.57
AMERICAN FUNDS NEW WORLD R2 (i)	1.79
AXA GLOBAL EQUITY MANAGED VOLATILITY (i)	1.18
AXA INTERNATIONAL COR MANAGED VOLATILITY (i)	1.09
AXA INTERNATIONAL VALU MANAGED VOLATILITY (i)	1.03
EQ I MFS INTERNATIONAL GROWTH (i)	1.24
EQ / OPPENHEIMER GLOBAL (i)	1.25
INVESCO V.I. INTERNATIONAL GROWTH (i)	1.27
JANUS OVERSEAS S (i)	0.93
LAZARD RETIREMENT EMERGING MARKETS EQU (i)	1.38
MFS GLOBAL EQUITY SERIES (i)	1.40
MFS INTERNATIONAL DIVERSIFICATION R1 (i)	1.97
MFS INTERNATIONAL VALUE RI (i)	1.82
OPPENHEIMER GLOBAL FUND/VA (i)	1.02
T. ROWE PRICE INTERNATIONAL STOCK ADVISOR (i)	1.06
TEMPLETON GROWTH FUND,INC CLASS A (i)	1.03
JANUS ASPEN OVERSEAS (i)	0.76
MFS INTERNATIONAL NEW DISCOVERY R1 (i)	2.14

AXA Equitable Retirement Gateway Funds - Detail listing

	Expense
<u>Real Estate Specialty</u>	
INVESCO V.I. GLOBAL REAL ESTATE	1.35
MFS TECHNOLOGY R1 (j)	2.08
MFS UTILITIES SERIES (j)	1.05
MULTIMANAGER TECHNOLOGY (j)	1.44
VAN ECK VIP GLOBAL HARD ASSETS FUND (j)	1.34
AMERICAN CENTURY GLOBAL GOLD R (j)	1.17
EQ I GAMCO MERGERS & ACQUISITIONS (j)	1.32
FRANKLIN GOLD & PRECIOUS METALS FND CL A (j)	1.07
<u>Other Asset Allocation Funds</u>	
AMERICAN FUNDS GLOBAL BALANCED R2 (n)	1.69
AXA AGGRESSIVE ALLOCATION (n)	1.22
AXA CONSERVATIVE ALLOCATION (n)	1.00
AXA CONSERVATIVE PLUS ALLOCATION (n)	1.10
AXA MODERATE ALLOCATION (n)	1.15
AXA MODERATE PLUS ALLOCATION (n)	1.19
AXA/FRANKLIN BALANCED MANAGED VOLATILITY (n)	1.07
BLACKROCK GLOBAL ALLOCATION V.I. 3 (n)	0.97
JANUS BALANCED S (n)	1.08
JANUS GLOBAL ALLOCATION - CONSERVATIVE S (n)	1.33
JANUS GLOBAL ALLOCATION- GROWTH S (n)	1.34
JANUS GLOBAL ALLOCATION - MODERATE S (n)	1.34
MFS CONSERVATIVE ALLOCATION R (n)	1.70
MFS GROWTH ALLOCATION R (n)	1.82
MFS MODERATE ALLOCATION FUND R (n)	1.76
MFS TOTAL RETURN R1 (n)	1.50
AMERICAN CENTURY STRAT INFL OPPS R (n)	1.45



HURON-CLINTON METROPOLITAN AUTHORITY

To: Board of Commissioners
From: Rebecca L. Franchock, Controller
Subject: 2015 Retiree Health Care Trust Valuation and Contribution/Pension Contribution
Date: Aug. 4, 2015

Action Requested: Motion to Receive/File Valuation Report and Approve Contribution / Pension Contribution

That the Board of Commissioners' (1) receive and file the Retiree Health Care Trust Valuation as of Dec. 31, 2014; and (2) approve the 2015 remaining budgeted contribution split at the following amounts: Retiree Health Care Trust Contribution - \$1.2 million; and Pension - \$1.5 million.

Fiscal Impact: None

Background: The actuarial valuation of the Authority's Retiree Health Care Trust as of December 31, 2014 was performed by Gabriel, Roeder, Smith and Company (GRS). It is anticipated that the Retiree Health Care Trust Board will review the valuation results at their Aug. 13 meeting prior to the Board meeting and recommend Board approval of the contribution.

The actuarial valuation process calculates the annual required contribution (ARC) to adequately fund the Authority's Retiree Health Care Trust for the 151 subscribers. Based on an employee census as of Dec. 31, 2014, GRS is recommending a contribution of \$916,000. This represents a decrease of \$516,000 (36 percent) in ARC from the last valuation completed in 2013 for the 12-month period ending Sept. 30, 2014. The reduction is primarily due to the increase in Actuarial Assets up \$5.2 million, from \$19.4 million to \$24.6 million. To a lesser extent, the reduction in the Actuarial Accrued Liability which is down \$661,000 (2 percent) also contributed to the reduction in ARC.

During development of the 2015 budget, it was anticipated that the annual required contribution would be \$1.5 million. In an effort to: (1) bolster the percentage funded ratio, and (2) leverage Metroparks assets by taking advantage of the investment options available to the Retiree Health Care Trust the Board approved budget included \$2.5 million for the Retiree Health Care Trust contribution. In addition, at the time of the Pension valuation, the Board elected to hold back \$200,000 of the budgeted Pension contribution until the results of the Retiree Health Care Valuation was completed.

Contributing the full budgeted amount to the RHCT would result in a funded ratio of nearly 85 percent. While this is a dramatic increase from the 2013 funded ratio of 61.6 percent, staff should be cognizant that there are two issues that have been discussed that could impact this calculation in the future. First, it is anticipated that the life expectancy tables may need to be updated to reflect the longer life expectancy at some future date. Second, is that the assumed interest rate of 7.25 percent that is used in the actuarial assumptions.

If this rate is deemed to be overly optimistic at some future date it may be lowered. Both of these changes would negatively affect the funding level.

As noted above, at the May meeting the Board voted to contribute \$200,000 less than the budgeted amount for the Pension Plan. Reserving the option to contribute those funds to the RHCT which had a much lower funded ratio at the time. With the results of this valuation, the RHCT has exceeded the funding level in the pension plan. It appears prudent to put these funds to work where they can be most beneficial to the Metroparks financially in the long run. For this reason, it is recommended that \$1.2 million be contributed to the Retiree Health Care Trust Fund and \$1.5 million be contributed to the Pension Fund at this time. This funding level will result in the RHCT to be funded at 80.5 percent and the Pension to be funded at 76.7 percent.



HURON-CLINTON METROPOLITAN AUTHORITY

To: Board of Commissioners
 From: Randy Rossman, Human Resources Manager
 Subject: Approval – Benefit Enrollment Portal and Insurance Broker Change
 Date: Aug. 4, 2015

Action Requested: Motion to Approve

That the Board of Commissioners' (1) accept the Accordware proposal to implement, BenXpress a benefit enrollment portal, (2) return the agent of record for employee Life/Disability Insurance and Vision carriers to the Marsh & McLennan Agency (MMA) from Ballard Benefit Works; and (3) authorize staff to enter into an agreement with MMA upon final review of HCMA legal counsel as recommended by Human Resources Manager Randy Rossman and staff.

Fiscal Impact: No fiscal impact to current budget.

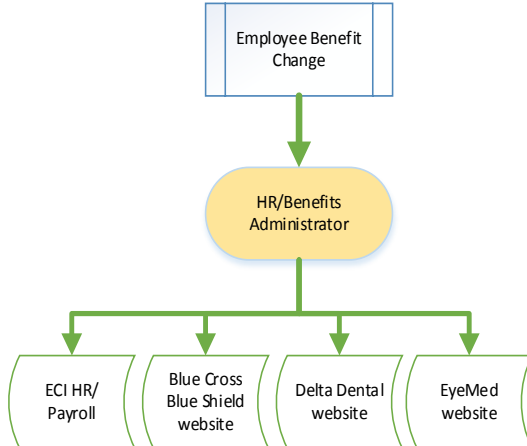
Summary: BenXpress will streamline employee benefit administration, enrollment and support the Affordable Care Act (ACA) compliance reporting requirements. Consolidating the agent of record for all employee benefit providers will ensure a seamless implementation of the benefit portal system and provide a single source of contact for HCMA benefit administration.

Background: HCMA's current benefit enrollment and administration process is a manual process performed by the HR/Benefits Administrator that is time consuming and inefficient. With the added burden and cost of the new requirements for ACA compliance, staff investigated options available to assist with this process. The current HR/Payroll vendor estimated the total cost for ACA compliance reporting would be approximately \$10,750 per year.

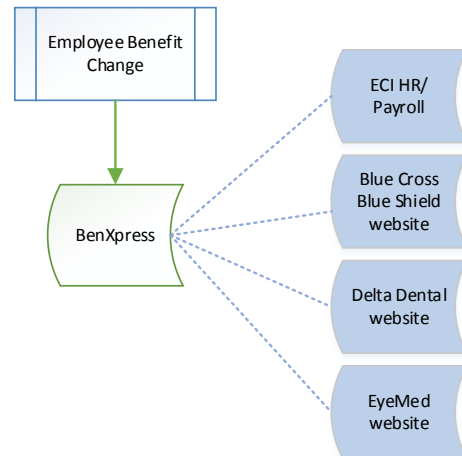
While the New World System ERP will bring much needed automation to many areas of HR, the specific needs of benefits administration are not addressed in this type of system. Staff reviewed various options available and found the BenXpress system from AccordWare addresses our current needs and will allow for future growth and/or change, including Wellness program capabilities.

This type of system brings a "one-touch" access point for all benefit requirements. The AccordWare BenXpress system would allow the HR Department to enroll and make changes to employee benefits in BenXpress and have those changes then transmitted out to each of the benefit carriers automatically. In the past, employee benefit changes would routinely have to be entered into at least four separate systems (HR/Payroll, medical, dental and vision carrier websites). The BenXpress system will also allow the HR Department to produce many of the required ACA compliance reports without additional cost and without manual data manipulation, thus streamlining the process and eliminating chances for errors.

Current benefit change process:



Proposed BenXpress process:



The BenXpress system will also allow employees to access benefit information from home, through a computer, tablet or smart phone. The system provides summaries of current enrollment and links to each of the carriers.

Additionally, through BenXpress, employees will be able to select voluntary supplemental benefits from Aflac. Employees will be able to choose Critical Illness and/or Accident coverage and pay the monthly cost of the benefit through a payroll deduction.

The HCMA HR Department has also requested that the Marsh & McLennan Agency (MMA) become the agent of record for all of our lines of coverage. In January, 2014, Ballard Benefit Works became our agent of record for employee life/disability and vision coverage and MMA remained our agent of record for medical and dental coverage. Previously MMA had been our agent of record for all lines of coverage. The move back to MMA as our sole agent of record has several advantages:

- proven track record of success in negotiating vendor fees for HCMA
- established record with HCMA of providing excellent customer service and support, including routine contract reviews, amendment processing, assistance with claim resolution, and billing support
- depth, resources and ability to provide ACA compliance support
- ease of management with a single source of contact for HCMA
- total benefit cost/renewal reporting based on all lines of coverage
- seamless development of Employee/Administration communications

In addition, MMA has agreed to pick up the entire cost of the BenXpress portal and the one-time set up fee of \$1,750. In addition, MMA will pay for the per employee/per month fee estimated to be \$8,000 per year. Including the cost savings from ACA compliance reporting, the total combined savings to HCMA amounts to approximately \$18,750 per year.

Staff believes that the implementation of the BenXpress portal and the move to Marsh & McLennan Agency as the sole agent of record on all of our lines of coverage would be a step forward for HCMA. This will bring greater efficiency to our benefits administration program and additional benefits to our employees, without additional cost to HCMA.

The attached contracts have been reviewed by Miller Canfield and staff is in review with MMA legal counsel.

Attachments: **AccordWare-HCMA Business Associate Agreement**
 License and Service Agreement
 Agreement for Limitations of Liabilities

BUSINESS ASSOCIATE AGREEMENT

This Business Associate Agreement (“Agreement”) is made and entered into this 5th day of May, 2015, by and between Huron-Clinton Metropolitan Authority, (“Covered Entity”) and AccordWare, LLC (“Business Associate”).

Recitals:

Covered Entity is deemed a “Covered Entity” under the rules of the U.S. Department of Health and Human Services (“DHHS”), 45 C.F.R. Parts 160, 162, and 164, implemented pursuant to the Health Insurance Portability and Accountability Act of 1996 (“HIPAA”) relating to the privacy of health information (“Privacy Rule”), as well as the security of health information (“Security Rule”), and the Health Information Technology for Economic and Clinical Health Act (“HITECH Act”). Business Associate, in providing certain services to Covered Entity under the terms of the Agreement, is deemed a “Business Associate” under the Privacy Rule, Security Rule, and HITECH Act.

Covered Entity will be providing Protected Health Information to Business Associate in the performance of Business Associate’s services to Covered Entity.

Both parties desire to ensure complete compliance with HIPAA as described in this Business Associate Agreement.

NOW, THEREFORE, in consideration of the mutual agreements and covenants contained herein, the parties hereto agree as follows:

1. **Definitions.** The following terms used in this Agreement shall have the same meaning as those terms in the HIPAA Rules: Breach, Data Aggregation, Designated Record Set, Disclosure, Health Care Operations, Individual, Minimum Necessary, Notice of Privacy Practices, Protected Health Information, Required By Law, Secretary, Security Incident, Subcontractor, Unsecured Protected Health Information, and Use.

Specific definitions:

(a) Business Associate. “Business Associate” shall generally have the same meaning as the term “Business Associate” at 45 CFR 160.103, and in reference to the party to this agreement, shall mean AccordWare, LLC.

(b) Covered Entity. “Covered Entity” shall generally have the same meaning as the term “Covered Entity” at 45 CFR 160.103, and in reference to the party to this agreement, shall mean ***[Insert Name of Covered Entity]***.

(c) HIPAA Rules. “HIPAA Rules” shall mean the Privacy, Security, Breach Notification, and Enforcement Rules at 45 CFR Part 160 and Part 164.

(d) Information Systems. “Information Systems” shall have the same meaning as the term “Information System” in 45 C.F.R. section 164.304.

(e) Standards for Electronic Transactions Rule. “Standards for Electronic Transactions Rule” shall mean the final regulations issued by the DHHS concerning Standard Transactions and Code Sets in 45 C.F.R. sections 160 and 162, as amended.

2. **Obligations and Activities of Business Associate.**

Business Associate agrees to:

(a) Not use or disclose Protected Health Information other than as permitted or required by the Agreement or as required by law.

(b) Use appropriate safeguards, and comply with Subpart C of 45 CFR Part 164 with respect to electronic Protected Health Information, to prevent use or disclosure of Protected Health Information other than as provided for by the Agreement.

(c) Report to Covered Entity any use or disclosure of Protected Health Information not provided for by the Agreement of which it becomes aware, including breaches of unsecured Protected Health Information as required at 45 CFR 164.410, and any security incident of which it becomes aware without unreasonable delay, and in no more than thirty (30) days. The Covered Entity shall handle breach notifications to individuals, the HHS Office for Civil Rights (OCR) and, if necessary, the media, unless the Business Associate opts, at its discretion, to handle any or all of these items itself.

(d) In accordance with 45 CFR 164.502(e)(1)(ii) and 164.308(b)(2), if applicable, ensure that any subcontractors that create, receive, maintain, or transmit Protected Health Information on behalf of the Business Associate agree to the same restrictions, conditions, and requirements that apply to the Business Associate with respect to such information, pursuant to a written agreement.

(e) Make available Protected Health Information in a designated record set to the Covered Entity within 10 days of a request, as necessary to satisfy Covered Entity’s obligations under 45 CFR 164.524. Except in the case of a direct request from an Individual for an accounting related to treatment, payment, or operations disclosures through an electronic health record, if the request for an accounting is delivered directly to Business Associate or its agents or subcontractors, if any, Business Associate shall within five (5) business days of a request notify Covered Entity about such request. Covered Entity shall either request that Business Associate provide such information directly to the Individual, or it shall request that the information be immediately forwarded to Covered Entity for compilation and distribution to such Individual. In the case of a direct request for an accounting from an Individual related to treatment, payment, or operations disclosures through electronic health records, Business Associate shall provide such accounting to the Individual in accordance with and effective on the applicable date (for up to three years prior to the request date, as set forth in HITECH § 13405(c)). Business Associate shall not disclose any PHI unless such disclosure is Required by Law or is in accordance with this Agreement. Business Associate shall document such disclosures. Notwithstanding anything in the Agreement to the contrary, Business Associate and any agents or subcontractors shall continue to maintain the information required for purposes of complying with this Section for a period of six (6) years after termination of the Agreement.

(f) Make any amendment(s) to Protected Health Information in a designated record set as directed or agreed to by the Covered Entity pursuant to 45 CFR 164.526, or take other measures as necessary to satisfy Covered Entity's obligations under 45 CFR 164.526. In the event the Business Associate receives a request for an amendment directly from an individual, Business Associate shall forward said request to the Covered Entity within 5 days or, at its discretion, amend the designated record set as appropriate and forward said amendment to the Covered Entity within 10 days.

(g) Maintain and make available the information required to provide an accounting of disclosures to the Covered Entity as necessary to satisfy Covered Entity's obligations under 45 CFR 164.528 within 30 days of a request.

(h) To the extent the Business Associate is to carry out one or more of Covered Entity's obligation(s) under Subpart E of 45 CFR Part 164, comply with the requirements of Subpart E that apply to the Covered Entity in the performance of such obligation(s).

(i) Make its internal practices, books, and records available to the Secretary for purposes of determining compliance with the HIPAA Rules.

3. Permitted Uses and Disclosures by Business Associate.

Business Associate may only use or disclose Protected Health Information on behalf of, or to provide services to, Covered Entity for the following purposes, if such use or disclosure of Protected Health Information would not violate the Privacy Rule if done by the Covered Entity or the minimum necessary policies and procedures of the Covered Entity: Quoting, enrollment, customer service, data management, and renewal and related functions. Without limiting the foregoing, Business Associate may use and disclose Protected Health Information for purposes of assisting employees and other individuals covered by Covered Entity's health plan with issues relating to their benefits under such health plan. Business Associate is authorized to use Protected Health Information to de-identify the information in accordance with 45 CFR 164.514(a)-(c).

4. Specific Use and Disclosure Provisions.

(a) Except as otherwise limited in this Agreement, Business Associate may use Protected Health Information for the proper management and administration of the Business Associate or to carry out the legal responsibilities of the Business Associate.

(b) Business Associate agrees to make uses and disclosures and requests for Protected Health Information consistent with Covered Entity's minimum necessary policies and procedures.

(c) Except as otherwise limited in this Agreement, Business Associate may disclose Protected Health Information for the proper management and administration of the Business Associate, provided that disclosures are Required By Law, or Business Associate obtains reasonable assurances from the person to whom the information is disclosed that it will remain confidential and used or further disclosed only as Required By Law or for the purpose for which it was disclosed to the person, and the person notifies the Business Associate of any instances of

which it is aware in which the confidentiality of the information has been breached.

(d) Except as otherwise limited in this Agreement, Business Associate may use Protected Health Information to provide Data Aggregation relating to the health care operations of the Covered Entity.

(e) Business Associate may use Protected Health Information to report violations of law to appropriate Federal and State authorities.

5. Obligations of Covered Entity.

(a) Covered Entity shall notify Business Associate of any limitation(s) in its notice of privacy practices of Covered Entity in accordance with 45 C.F.R. section 164.520, to the extent that such limitation may affect Business Associate's use or disclosure of Protected Health Information.

(b) Covered Entity shall notify Business Associate of any changes in, or revocation of, permission by Individual to use or disclose Protected Health Information, to the extent that such changes may affect Business Associate's use or disclosure of Protected Health Information.

(c) Covered Entity shall notify Business Associate of any restriction to the use or disclosure of Protected Health Information that Covered Entity has agreed to in accordance with 45 C.F.R. 164.522, to the extent that such restriction may affect Business Associate's use or disclosure of Protected Health Information.

6. Permissible Requests by Covered Entity.

Covered Entity shall not request Business Associate to use or disclose Protected Health Information in any manner that would not be permissible under Subpart E of 45 CFR Part 164 if done by Covered Entity, excepting the Business Associate's use or disclosure of Protected Health Information for data aggregation or management and administration and legal responsibilities of the Business Associate, as permitted by this agreement.

7. Term and Termination.

(a) Term. The term of this Agreement shall be effective as of the date stated above, and shall not terminate until all of the Protected Health Information provided by Covered Entity to Business Associate, or created or received by Business Associate on behalf of Covered Entity, is destroyed or returned to Covered Entity, or, if it is infeasible to return or destroy Protected Health Information, protections are extended to such information, in accordance with the termination provisions in this Section.

(b) Termination for Cause. Covered Entity or Business Associate may, upon a material breach of the Agreement by the other party:

(i) Provide a reasonable opportunity for the party to cure the breach, or take reasonable steps to cure the breach or end the violation and terminate the Agreement

if the breach is not cured within thirty (30) days;

(ii) Immediately terminate this Agreement upon written notice to the breaching party if cure is not possible; or

(iii) If neither termination nor cure is feasible, the non-breaching party shall report the violation to the Secretary. See HITECH §13404(b)

(c) Effect of Termination.

(i) Except as provided in subsection 7(c)(ii) upon termination of the Agreement, for any reason, Business Associate shall return or destroy all Protected Health Information received from Covered Entity, or created or received by Business Associate on behalf of Covered Entity. This provision shall apply to Protected Health Information that is in the possession of subcontractors or agents of Business Associate. Business Associate shall retain no copies of the Protected Health Information.

(ii) In the event that Business Associate determines that returning or destroying the Protected Health Information is infeasible, Business Associate shall provide to Covered Entity notification of the conditions that make return or destruction infeasible. Upon mutual agreement of the parties that return or destruction of Protected Health Information is infeasible, Business Associate shall extend the protections of this Agreement to such Protected Health Information and limit further uses and disclosures of such Protected Health Information to those purposes that make the return or destruction infeasible, in accord with Subpart C of 45 CFR Part 164, for so long as Business Associate maintains such Protected Health Information.

8. Miscellaneous.

(a) Regulatory References. A reference in this Agreement to a section in the HIPAA Rules means the section as in effect or as amended.

(b) Amendment. This Agreement may not be modified, nor shall any provision hereof be waived or amended, except in a writing duly signed by authorized representatives of the parties. A waiver with respect to one event shall not be construed as continuing or as a bar to, or waiver of, any right or remedy as to subsequent events. The parties agree to take such action as is necessary from time to time as is necessary for compliance with the requirements of the HIPAA Rules and any other applicable law.

(c) Survival. The respective rights and obligations of Business Associate and Covered Entity under Sections 2(e) and 7(c) of this Agreement shall survive the termination of this Agreement.

(d) Interpretation. Any ambiguity in this Agreement shall be resolved to permit Covered Entity or Business Associate to comply with the HIPAA Rules, as amended.

(e) Governing Law. This Agreement shall be governed by and construed in accordance with the laws of the State of Michigan and federal laws.

(f) Waiver of Jury Trial. Each of the parties hereto irrevocably waives all right to trial by jury in any action, proceeding or counterclaim arising out of or relating to this Agreement.

(g) Notices. Any notices to be given hereunder to a party shall be made via U.S. mail or express courier or facsimile to such party's address given below, and shall be deemed given, if sent via U.S. mail or express courier on the date of deposit and if sent via facsimile on the date of receipt of confirmation of the facsimile transmission.

(i) If to Client, to:

Sandy Burns, Human Resources Specialist
Huron-Clinton Metropolitan Authority
13000 High Ridge Dr.
Brighton, MI 48114-0958
Facsimile: (810) 227-8085

(ii) If to Business Associate, to:

Matthew C. Czmer
AccordWare LLC
2250 Butterfield Dr.
Suite 230
Troy, MI 48084
Facsimile: (248) 822-7377

(h) No Third-Party Beneficiaries. Nothing express or implied in this Agreement is intended to confer, nor shall anything herein confer, upon any person other than the parties and the respective successors or assigns of the parties, any rights, remedies, obligations or liabilities whatsoever.

(i) Entire Agreement. This Agreement constitutes the entire Agreement between Covered Entity and Business Associate. There are no obligations or understandings that are not expressly set forth in this Agreement. All notices and other communications under this Agreement shall be in writing.

(j) Successors and Assigns. This Agreement shall be binding upon and shall inure to the benefit of the parties hereto and their respective legal representatives, heirs, successors and assigns.

(k) Remedies. In addition to any other remedies available at law or in equity to the parties hereto with respect to a breach hereof, the parties hereto each reserve the right to enforce this Agreement by specific performance.

(l) Words and Phrases. Words and phrases herein shall be construed as in the singular or plural number, and as masculine, feminine or neuter gender, according to the context.

IN WITNESS WHEREOF, Business Associate and Covered Entity execute this Agreement to be effective on the date first set forth above.

AccordWare, LLC.

Huron-Clinton Metropolitan Authority



By: Matthew C. Czmer
Its: Member

By: _____
Its: _____

License and Services Agreement

This License and Services Agreement (including all attachments hereto), (collectively, the "*Agreement*"), is between Service Company ("*AccordWare LLC*") whose address is 2250 Butterfield Drive, Suite 230, Troy, MI 48084 and Huron-Clinton Metropolitan Authority ("*Client*") whose address is 13000 High Ridge Dr., Brighton, MI 48114. The terms of this Agreement shall apply to all licenses and services provided by AccordWare LLC under this Agreement (including any amendments and attachments). This Agreement is effective as of the date set forth in the Order Form (the "*Agreement Effective Date*"). Service Company and Client agree as follows:

1. DEFINITIONS.

1.1 "*Application Software*" means the BenXpress proprietary Application Software listed on an Order Form.

1.2 "*Client Services*" or "*Services*" means any services listed in this Agreement or the Order Form.

1.3 "*Customizations*" means any customizations developed for Client by Service Company that are listed in Exhibit A and/or on an Order Form.

1.4 "*Licensed User*" means an individual who may access and use the Application Software, as set forth on the attached Order Form. In the event that Client's use exceeds the number of Licensed Users set forth on the attached Order Form, Client shall pay to Service Company additional license fees at the rate set forth on the Order Form.

1.5 "*Order Form*" means the form for ordering Software, Maintenance, Customizations and Client Services from Service Company under this Agreement which shall be executed by an authorized representative of both parties. Additional Order Forms may be added from time to time. The effective date of an Order Form is the date set forth on the applicable Order Form ("*Order Form Effective Date*").

1.6 "*Software*" means the BenXpress Application Software and the Customizations as identified on an Order Form.

2. LICENSE.

2.1 *License for Application Software and Customizations.* Upon payment of applicable license fees as set forth in an Order Form, Service Company grants to Client a non-exclusive, limited license to use the Application Software and the Customizations listed on the Order Form in the United States, solely for Client's internal business, in accordance with the terms and conditions set forth herein and in the Order Form.

2.2 Service Company will make the Software available to Licensed Users through the Internet at a URL to be determined by Client and Service Company. The Software shall only be accessible to Licensed Users with a unique username and password. More than one individual may not use the same password and/or login.

2.3 *Disassembly, Reverse Engineering, and Use Restrictions.* Service Company and/or its licensors shall retain all title, copyright and other proprietary rights in the Application Software and Customizations; *provided, however*, that Service Company and/or its licensors shall not acquire any rights in Clients' proprietary information that may be provided by Client and incorporated into any Customization at Client's request. Client does not acquire any rights, express or implied, in the Software, other than those specified in this Agreement. Client acknowledges that the Software contains trade secrets and Confidential Information of Service Company and/or its licensors. Client agrees (1) not to permit unauthorized third parties to access or use the Software; (2) not to cause or permit the reverse engineering or disassembly or decompilation or translation into human-readable form of the Software (or any portion thereof); and (3) not to copy any part of the Software or its documentation. Client may not rent, lease, sub-license, lend or transfer such Software.

3. SERVICES.

3.1 Service Company will provide Customizations and Client Services agreed to by the parties under the terms of this Agreement and in accordance with the terms set forth in the applicable Order Form for such Customizations and Client Services. Client agrees to provide Service Company with certain assistance or materials in connection with Customizations requested by Client, including, without limitation, photographs, graphics, audio and written content, logos and other assistance and materials reasonably requested by Service Company. Service Company will provide Client with Client Services necessary to make the BenXpress website available to Client's Licensed Users and reasonable instructional assistance to Client's training manager or other designated person responsible for administration, access and use by Licensed Users of the Software.

4. SOFTWARE MAINTENANCE AND SUPPORT.

4.1 *Software Maintenance.* Service Company will work to correct errors in the Software in accordance with the Service Company then-current maintenance policies. Service Company agrees to offer such maintenance free of charge throughout the term of this Agreement. Such maintenance shall also include updates that Service Company makes available to its Clients generally at no charge. Maintenance shall not, however, include new versions or functionalities of the Software for which Service Company charges an additional fee to its Clients generally.

4.2 *Support.* Service Company shall provide the Client Support Services set out in Exhibits A and B.

4.3 *Software Changes and Updates.* Service Company shall make available or provide updates for the Application Software as required in the Service Company's reasonable judgment to maintain the accuracy of the Application Software in light of changes in the applicable law. Service Company hereby reserves the right to change any aspect of the information forming a part of the Application Software at any time, including any features, functionality, database or other content, *provided, however,* that Service Company will not suspend or discontinue use of the Application Software during the term of any license granted hereunder except in the event of a breach of this Agreement by Client. Service Company may also impose certain limitations upon certain features or restrict Client's access to portions of the Software without notice or liability; *provided, however,* that Service Company shall use its reasonable best efforts to provide written or electronic notice of any changes or updates to the Software within 5 business days prior to such changes or updates taking effect.

5. PAYMENT.

5.1 *Invoicing and Payment.* Unless otherwise stated in an applicable Order Form, Client will be invoiced on the first day of each month for all License, Maintenance and Support Fees due that month. Such fees will be due and payable within 30 days after receipt of said invoices. Implementation, Customization and Annual Base Management fees, if any, shall be due within 30 days after receipt of invoices for said fees. Client agrees to reimburse Service Company for all pre-approved out-of-pocket expenses incurred in performing its obligations hereunder, including, without limitation, approved mailing, marketing, employee communications and travel expenses.

5.2 *Late Payment.* Client's failure to pay any invoice within 10 business days of the due date for the applicable invoice shall be a breach of the Agreement and Service Company shall have the right to discontinue providing services until such unpaid invoices are paid in full.

5.3 *Taxes.* The fees and rates listed in this Agreement do not include taxes. If Service Company is required to assess or pay taxes on the licenses or services provided hereunder, or on any transactions hereunder, then such taxes shall be billed to and paid by Client. This section shall not apply to taxes based on Service Company's income.

6. CONFIDENTIALITY.

6.1 *Definition.* "Confidential Information" means all information disclosed by Client or Service Company relating to the Software, Customizations and any business terms of The Service Company relationship with Client including but not limited to pricing, functionalities, specifications, responses to requests for information, the terms of this Agreement, and

all other information identified in writing by Service Company as confidential; and in the case of Client, all information relating to Client's employees and consultants (including but not limited to protected health information, as more fully described below), course results, and all other information identified by Client in writing as confidential.

6.2 *Obligations of Confidentiality.* Each party to this Agreement agrees to treat as strictly confidential the "Confidential Information" of the other party received under this Agreement. Each party shall use the Confidential Information of the other party only to perform its obligations under this Agreement and will disclose such Confidential Information within its organization only to those of its employees who need to know the Confidential Information in order to perform such party's obligations under this Agreement. Notwithstanding the foregoing, Service Company may disclose Client's Confidential Information to third parties to the extent necessary to assist Service Company with performance of its obligations under this Agreement, provided that such third parties are subject to appropriate confidentiality obligations.

6.3 *Information Not Subject to Confidentiality Requirements.* The following information will not be subject to Section 6.2: (a) information that is in the public domain or that enters the public domain through no fault of the party obligated to keep the information confidential (the "Receiving Party"); (b) information independently developed by the Receiving Party, without any use of information disclosed by the other party; (c) information rightfully disclosed to the Receiving Party by a third party without continuing restrictions on its use; (d) information known to the Receiving Party prior to the Agreement Effective Date which was not obtained from the disclosing party to this Agreement; and (e) information that is required to be disclosed by law or judicial order, provided that prior written notice of such required disclosure is furnished to the party owning such Confidential Information as soon as practicable in order to afford such party an opportunity to seek a protective order and that if such order cannot be obtained disclosure may be made without liability, but only to the least extent required to comply with such law or order.

6.4 *Confidentiality of Health Information.* Service Company acknowledges that by reason of the nature of the services to be provided, Service Company and its personnel may become acquainted with Protected Health Information ("PHI") of Client's employees and all such data will be held in strict confidence. No private health information will be given to Client except in the form of aggregate data. Except as required by legal process or permitted under the Health Insurance Portability and Accountability Act ("HIPAA") Privacy and Security Rules (hereinafter defined), PHI shall not be disclosed to unauthorized third parties by Service Company. Service Company agrees that it will use such information provided by Client solely in providing the Services and will not disclose, divulge, discuss, disseminate, copy or otherwise use or cause to be used any of Client's information, including but not limited to employee PHI, except as required in performing the Services or as required by

legal process or permitted under the HIPAA Privacy and Security Rules (hereinafter defined). In the course of providing Services, Client recognizes that Service Company may provide information to third parties, with whom Service Company has contracts to provide services under this Agreement and that the disclosure of such information to such third parties shall not constitute a breach of this Section 6; provided, however, Service Company shall protect PHI in accordance with the provisions of law, including but not limited to, HIPAA, as set forth more fully in Paragraph 6.5 below.

6.5 HIPAA Requirements. Client and Service Company shall carry out their obligations under this Agreement in full compliance, to the extent the same may be applicable to them, with HIPAA and all security and privacy regulations issued thereunder, as amended, modified, or supplemented by the Health Information Technology for Economic and Clinical Health Act of 2009 ("HITECH") and regulations issued thereunder, and as the same may be amended and in effect from time to time during the term of this Agreement (collectively referred to as the "HIPAA Privacy and Security Rules") and all other applicable State and U.S. Federal laws and regulations pertaining to the confidentiality of health information. The Parties will implement appropriate safeguards to prevent use or disclosure of PHI and will implement administrative, physical, and technical safeguards that reasonably and appropriately protect the confidentiality, integrity, and availability of any electronic PHI that it creates, receives, maintains, or transmits. Client represents that it has obtained, or will obtain prior to the commencement of this Agreement, all consents and authorizations necessary for Client to disclose PHI to Service Company. Client further represents that it is solely responsible for obtaining all such consents and disclosures and any information disclosed to Service Company by Client will be subject to an effective and valid consent or authorization and in accordance with the HIPAA Privacy and Security Rules. Service Company will use and/or disclose PHI only to the extent necessary in furtherance of its obligations and duties under this Agreement, inclusive of provision of data aggregation services, and as authorized and permitted by the HIPAA Privacy and Security Rules or other applicable law or as authorized by Client. Upon termination of this Agreement, or upon request of Client, whichever occurs first, if feasible, Service Company will return or destroy all PHI received from or created or received by Service Company on behalf of Client that Service Company still maintains in any form and retain no copies of such information, or if such return or destruction is not feasible, Service Company will extend the protections provided for hereunder to the information and limit further uses and disclosures to those purposes that make the return or destruction of the information not feasible.

7. Representations; Remedies; Indemnification And Limitations

7.1 Representations & Warranties. Service Company represents and warrants to Client that:

(a) All Customizations and Client Service performed under this Agreement shall be performed in a workmanlike manner in accordance with industry standards.

(b) The Software shall typically be accessible to Licensed Users through the Internet at a URL to be determined by Client and Service Company at all times during the term of this Agreement except for scheduled or emergency maintenance periods, required repairs and loss or interruption of services due to causes beyond the control of Company or which are not reasonably foreseeable by Company, including, but not limited to, interruption or failure of telecommunication or digital transmission links and Internet slow-downs or failures. Company shall provide Client reasonable advance notice of all scheduled maintenance periods. Company will use due diligence and commercially reasonable best efforts in determining the source of and in fixing or repairing unscheduled interruptions to the availability of the Software to Licensed Users.

7.2 Warranty Limitation. The warranties set forth in this Agreement will not apply if (i) the Software is used other than in accordance with The Company instructions; (ii) the Software is altered, modified or converted by Client or any third party; (iii) the operation of the Software is affected by a malfunction in any of Client's hardware, services or software not provided by Company; (iv) any other cause within the control of Client results in the Software becoming inoperative; or (v) Client materially breaches this Agreement and fails to cure such breach within thirty (30) calendar days of the date of notice of such breach. EXCEPT AS OTHERWISE EXPRESSLY PROVIDED ABOVE, THE CLIENT SERVICES AND ALL SOFTWARE ARE PROVIDED "AS IS," AND WITHOUT WARRANTY OF ANY KIND, INCLUDING THE IMPLIED WARRANTIES OF NONINFRINGEMENT, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

8. LIMITATION OF LIABILITY

The Company cumulative liability to Client for any and all proven, direct and foreseeable damages related to the Software, the services provided or to be provided hereunder, or otherwise arising out of this Agreement shall not exceed the total amount of license fees paid by Client to Company under this Agreement for the Software causing the damages. NOTWITHSTANDING ANY OTHER PROVISION TO THE CONTRARY IN THIS AGREEMENT, COMPANY WILL NOT BE LIABLE FOR ANY INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES, WHETHER FORESEEABLE OR UNFORESEEABLE, AND WHETHER OR NOT SERVICE COMPANY WAS NOTIFIED OF THE POSSIBILITY OF THE SAME, ARISING OUT OF THIS AGREEMENT. Client acknowledges that the exclusion and limitation of remedies provided under this Agreement are neither unreasonable nor unconscionable and if Company and/or its licensors' liability had not been so limited, the fees charged to Client hereunder would have been substantially higher.

9. TERM AND TERMINATION

9.1 *Term.* This Agreement will commence on the Effective Date and will remain in effect for the period specified in an Order Form or until terminated as set forth below:

(a) *Termination for Cause.* Either party will have the right to terminate this Agreement if the other party breaches any material provision of this Agreement and fails to make substantial progress to cure such breach within thirty (30) calendar days after receipt of written notice of the breach from the non-breaching party.

(b) *Effect of Termination for Cause.* Upon Client's termination of this Agreement for cause, Client will be responsible for and will pay Company for all license and Client Services fees and expenses incurred up to the effective date of such termination, as set forth on any Order Form. Upon The Company termination of this Agreement for cause, the license to use the Software as set forth in Section 2 of this Agreement will immediately terminate and Client will be responsible for and will pay Company for all license and Client Services fees and expenses incurred up to the effective date of such termination, as set forth on any Order Form. Upon termination by Company, Client shall immediately return all copies of the Software to Company.

10. MISCELLANEOUS

10.1 *Notices.* All notices given hereunder shall be proper if delivered by any of the following methods: (a) by hand delivery, (b) by certified U.S. mail, return receipt requested, postage prepaid, (c) by overnight courier, or (d) by confirmed electronic mail ("E-mail"), in each case directed to the persons and at the addresses listed below, which persons or address may be changed by written notification. All notices shall be deemed received as follows: (a) if hand-delivered, on the date of delivery, (b) if mailed, on the date of receipt appearing on the return receipt card, (c) if sent by overnight courier, on the date receipt is confirmed by such courier service, or (d) if sent by E-mail, twenty-four (24) hours after the message was sent, *provided* that any notice relating to a default or claim of default under this Agreement that is sent by E-mail, must also be sent by one of the other methods described above.

All notices for Service Company shall be addressed and delivered to:

AccordWare, LLC
2250 Butterfield Drive, Suite 230
Troy, MI 48084
248-822-7777 (phone)
248-822-7377 (fax)
E-Mail: mczmer@accordware.com

If to Client, all notices shall be addressed and delivered to:
ATTN: Sandy Burns, Human Resources Specialist
Huron-Clinton Metropolitan Authority
13000 High Ridge Dr.

Brighton, MI 48114-0958
(810) 434-6013 (phone)
(810) 227-8085 (fax)

10.2 *Entire Agreement.* Each party acknowledges that it has read this Agreement, understands it, and agrees to be bound by its terms. The parties further agree that this Agreement, together with all Order Forms and amendments hereto, is the complete and exclusive statement of the agreement of the parties with respect to the subject matter of this Agreement and that it supersedes and merges all prior proposals, understandings, and agreements, whether oral or written, between the parties with respect to such subject matter. To the extent there is any conflict or inconsistency between the terms of the body of this Agreement and those of an Order Form, the terms of the Order Form shall control. This Agreement may not be modified except by a written instrument duly executed by the parties hereto.

10.3 *No Waiver.* No delay or failure by either party to exercise any right hereunder shall constitute a waiver of such right or of any other rights hereunder.

10.4 *Force Majeure.* Neither party shall be deemed in default of this Agreement to the extent that performance of its obligations are delayed or prevented by reason of any act of God, war, terrorism, fire, explosion, flood, act of government or any act or omission of a third party over whom the party invoking this clause exercises no control (contractually or otherwise), including, but not limited to, telecommunications carriers and utilities or any other matter beyond its reasonable control ("*Force Majeure*"), provided that the party invoking this clause gives the other party prompt written notice thereof when such event of Force Majeure becomes known to it. Notwithstanding anything to the contrary set forth herein, neither party's failure or inability to perform shall be excused to the extent caused by the nonperforming party's independent acts or omission.

10.5 *Relationship of the Parties.* Nothing in this Agreement shall be construed to create a partnership, agency relationship, or joint venture between the parties hereto. Service Company is acting as an independent contractor and not as an employee or agent of Client.

10.6 *Survival of Rights and Obligations.* The rights and obligations of the parties contained in Sections 2.3, 6, 8 and 9 will survive any termination of this Agreement.

10.7 *Compliance with Laws.* To its best knowledge, each party is currently in compliance with and shall continue throughout the term of this Agreement to comply with any laws and regulations material to its business, including but not limited to HIPAA, HITECH, and the Employee Retirement Income Security Act, 29 U.S.C. §1001 et seq. ("ERISA"). For any business for a self-insured Sponsor which is subject to the provisions of the ERISA, Client shall ensure that its activities in regard to those Plans are in compliance with ERISA. Each party shall be responsible for interfacing with regulatory authorities on matters relating to compliance with laws or

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regulations which are directly applicable to its business, including matters related to licenses necessary for each party to operate its business, though each party shall cooperate with the other in resolving any regulatory matters relating to this Agreement. Each party to this Agreement shall notify all other parties to this Agreement upon becoming aware of any change in law or regulation applicable to Client, an Administrator or Sponsor that is likely to impact the provision of services in connection with this Agreement. Client acknowledges and agrees that Company does not act as a fiduciary of a Plan for purposes of ERISA by providing any of the Services, or any other cost-containment function, described in this Agreement.

10.8 *Severability.* If any provision of this Agreement is held to be unenforceable for any reason, it shall be adjusted rather than voided, if possible, in order to achieve the intent of the parties to this Agreement to the fullest extent possible. In any event, all other provisions of this Agreement shall be deemed valid and enforceable to the fullest extent possible in accordance with their terms.

10.9 *Governing Law.* This Agreement shall be governed by and construed in accordance with the laws of the State of Michigan.

10.10 *Allocation of Risk.* The parties acknowledge and agree that the Company prices and terms of Agreement are in reliance upon the limitations of liability specified herein, which allocate the risk between Company and Client.

10.11 *Attorney Fees.* The parties agree that in the event of any breach or alleged breach of this Agreement, the prevailing party in any such dispute shall be entitled to recover from the other party upon written demand all of its reasonable and documented cost and expenses, including reasonable fees and disbursements of its legal counsel and of any experts and agents, incurred in connection with the enforcement of the terms of this Agreement or otherwise as a result of such breach or alleged breach.

10.12 *No Legal or Health Advice.* Company is in the business of providing computer-based benefits administration services. Company does not, and is not in the business of, providing legal, financial or medical services or advice. Moreover, Client acknowledges that it has been advised to consult with its legal and/or medical counsels, including, without limitation, with respect to matters involving employment law and personnel policies and practices prior to use of the Software, and that Company shall have no liability, express or implied, related to the content in the Software.

AGREED TO BY

Huron-Clinton Metropolitan Authority

By:

Name:

Title:

Date:

AGREED TO BY:

AccordWare, LLC

By



Name: Matthew C. Czmer

Title: Member

Date: May 11, 2015

ORDER FORM No. 1 for CLIENT

This order form, effective as of the last signature date set forth below (the "Order Form Effective Date") is an addendum to, and constitutes a part of, the License and Services Agreement between Service Company and Client dated **May 11, 2015**. By this Order Form, Client purchases the following:

LICENSE, MAINTENANCE, AND SUPPORT FEES

Client Service &/or Application Software Title	Approximate Number of Eligible Employees*	Monthly License, Maintenance and Support Fees (PEPM)	Est. Total Monthly License, Maintenance and Support Fees	Implementation Fees or Other One Time Fees	Annual Base Renewal Fee
Benefits Open Enrollment and Administration Services	215	\$3.50*	\$752.50	\$1,750	\$0
ACA 6055/6056 reporting (1095-C form production)	215	\$0.30	\$64.50	\$750.00	\$0
Part Time Employees (Worksite VB Only) **		\$3.50** \$2.00 <i>quicker</i>		\$0.00	\$0

* These numbers represent the current number of Client's employees as of the date of this Agreement. On or about the 1st of each month, Service Company will generate a count of benefits eligible employees from the BenXpress enrollment system as of that date. Client's Total Monthly License, Maintenance and Support Fees will be determined by multiplying the number of employees by the PEPM License, Maintenance and Support Fee. Thus, the amount Client will be charged monthly will vary based upon the actual number of employees and may be more or less than the numbers indicated in the table above.

** Only Part Time employees enrolling in a Worksite VB benefit will be billed if they are deemed not eligible for any other employer sponsored benefits.

ADDITIONAL TERMS

- Product Availability.** As provided in Exhibit B below, Client acknowledges that several steps must occur following the execution of this Order Form to prepare the Application Software for Client's use. The parties estimate that these steps will be completed, and that the Application Software will be available for use by Client on or about July 1, 2015 (the "Product Launch Date"); however, the ability to meet this Product Launch Date depends upon the timely actions of the Client, AccordWare and external parties (i.e. Insurance carriers, TPAs, etc.). Both parties agree to use their best efforts to achieve this Product Launch Date, or if they are unable to do so, to modify this Agreement to reflect a new Product Launch Date to reflect a new launch date as close in time as possible to the Product Launch Date. Any change to this product launch date must be agreed to by both Client and AccordWare in writing. Billing of the Monthly License, Maintenance and Support Fees will commence on the Product Launch Date.
- Term.** This Agreement shall commence on the Order Form Effective Date and shall continue through **June 30, 2017** ("Full Agreement Term").
- Licensed Users.** The total number of user identification numbers and passwords to be issued to Licensee will be based upon the actual number of benefit eligible employees and authorized administrators.
- Changes in Fees and Rates.** Service Company agrees to honor the fees and rates provided in this Order Form through **June 15, 2015**. Company reserves the right to modify said fees and rates only if this Agreement and Order Form have not been executed by Client by said date. At the end of stated Term, annual cost increases for subsequent Order Forms within the scope of the services defined in Exhibit B will not exceed 5% annually.
- Client Service.** Customization Fees shall be provided as set forth in Exhibit A, if applicable.
- Project Contacts.**

Send Invoice To:

Jackie Webster, MMA Michigan
jwebster@mma-mi.com

AccordWare Client Project Manager

Jaleissa Speight
jspeight@accordware.com
248-822-7777 ext. 4012
248-822-7377 (fax)

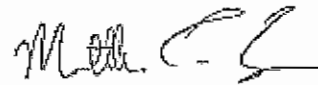
7. Miscellaneous. Any printed and mailed communications will be quoted and billed to Client on an as needed basis. Design and development of standard Service Company communication material is included in the above quoted fees. Any pre-approved travel expenses will be billed to Client. Customization beyond the standard allowable customization will be billed at an hourly rate of \$150/hour.

The parties have caused this Order Form No. 1 to be executed by their duly authorized representatives as of the date last signed below.

HURON-CLINTON METROPOLITAN AUTHORITY**ACCORDWARE LLC**

By: _____

By: _____



Name: _____

Name: Matthew C. Czmer

Title: _____

Title: Member

Date: _____

Date: May 11, 2015

EXHIBIT A

Client Setup, Delivery, and Client Support Services Specification

Optional Services (initial all that apply):

Monthly Fees

_____ Call Center: \$1.50 PEPM (\$750 setup fee in addition to PEPM)

Hours are 9 AM to 5PM Eastern Standard Time outside of open enrollment and 9AM to 9PM for two weeks during open enrollment

EXHIBIT B

Online Benefits Enrollment and Administration Services

The following items detail each of the actions to be completed in the management and administration of the benefits program enrollment process for Client.

- Communicate with Client's enrollment team to detail and confirm;
 - The annual enrollment process desired
 - Each task to be completed
 - Assign task responsibilities to the most appropriate parties, and
 - Develop work schedules.
- Communicate with Client's enrollment team to review the benefits plan design, eligibility, design variations, costs, and employee/employer pricing.
- Prepare the necessary plan specification documents.
- Establish data reporting/EDI requirements and processes between Client administrative systems (Benefits management, Payroll, and Human Resource Information System) and BenXpress administrative system.
- Establish data reporting/EDI requirements and processes between insurance providers and/or third party administrators and BenXpress administrative system.
- Communicate with Client to establish ongoing administrative processes to be performed upon completion of the annual enrollment process, including:
 - Employee additions, terminations, transfers, leaves-of-absence, employment status changes, and changes in family status
 - Ongoing eligibility and participation reporting
 - New hire enrollment processes
- Establish Client benefits program configuration on BenXpress administrative system in accordance with the plan design, eligibility, rates, pricing, and plan parameters for each benefit, as defined by the agreed-upon specification documents.
- Document all administrative work flow and reporting processes to be completed by AccordWare LLC.
- Perform testing and auditing of administrative system functions and reports. Provide reports to Client for internal audit.
- Update employee database on BenXpress administrative system and obtain written confirmation from Client of the accuracy of employee data.
- Finalize all data on BenXpress administrative system and obtain written confirmation from Client of the accuracy of employee data.
- Finalize all data on BenXpress administrative system following any final adjustments from Client.
- Generate plan enrollment forms/worksheets in PDF format, including the desired personalized messages and required employee price tags/contributions for each eligible employee for each eligible benefit option, including voluntary benefits.
- Process via BenXpress web enrollment system, all employee election data.
- Upon Client's request, generate a PDF confirmation statement for each employee that identifies and confirms the benefit elections for the plan year – including default benefits.
- Provide Client payroll systems/HRIS with test data file(s) to validate all required payroll data is properly formatted.
- Provide final data file of election results for payroll/HRIS.
- Upon Client's request, produce a series of employee election results reports, including:
 - Benefit Coverage Reports (the benefit option coverage selected by each employee per benefit)
 - Demographic Reports
- Provide Client with eligibility/participation reports/files for insurance providers and/or third party administrators, as appropriate.

**Agreement for Limitation of Liability to
Third Party Providers of Client Services**

Notwithstanding anything to the contrary in this Agreement or any client agreement if applicable, Marsh & McLennan Agency LLC (MMA-Michigan) is acting only as a facilitator for a contractual relationship with agreed upon benefit vendors and the Client, as a payor for the limited and specific Services. Marsh & McLennan Agency LLC is not otherwise a party to nor does it have responsibilities under this Agreement or any other contract or arrangement between the Client and Provider other than to pay for such Services in a specific amount agreed to by this Agreement or other writing signed by Marsh & McLennan Agency. Provider shall invoice Marsh & McLennan Agency 3331 W. Big Beaver Rd. Suite #200 Troy, MI, 48084, for such Services. Payment by Marsh & McLennan Agency is not a waiver of any rights of the Client as the real party in interest for the performance of such Services, nor a waiver of the right to require substantiation of the Services for which Marsh & McLennan Agency is obligated to pay. Any refunds for Services paid for by Marsh & McLennan Agency shall be made to Marsh & McLennan Agency 3331 W. Big Beaver Rd. Suite #200 Troy, MI, 48084. The Client and Provider shall not include Marsh & McLennan Agency or its employees in any dispute related to this Agreement except Marsh & McLennan Agency for its failure to pay as required under this Agreement. Marsh & McLennan Agency may terminate its obligation under this Agreement at any time for Services provided after written notice of termination is given.

Services: Fees associated with AccordWare Benefits Administration System

Huron-Clinton Metropolitan Authority

Marsh & McLennan Agency

By:_____

By:_____

Its:_____

Its:_____



HURON-CLINTON METROPOLITAN AUTHORITY

To: Board of Commissioners
From: Paul Muelle, Natural Resources and Environmental Compliance Manager
Subject: Deer Management
Project Title: 2015 Deer Management Report and Plan Update
Location: Authority Wide
Date: Aug. 4, 2015

Action Requested: Motion to Approve

That the Board of Commissioners' approve and accept the 2015 Deer Management Report and Plan Update as recommended by Paul Muelle, Natural Resources and Environmental Compliance Manager and staff.

Fiscal Impact: None

Background: In the 1990's, data gathered by the Michigan Department of Natural Resources (MDNR) and Metropark staff indicated that the Metropark deer herd had lower body weights and productivity rates than the state average. These were indicators that the Metroparks deer herd was under stress from a high population density and lack of proper nourishment. This information correlated with staff observations and vegetation studies indicating a high degree of plant damage.

To address the concerns of deer overabundance in the park system, a Metroparks Wildlife Management Advisory Committee was formed in 1998 to assist in the development a wildlife management plan. Following their recommendations, the Metroparks' first deer management program using lethal methods was conducted at Kensington, Stony Creek, and Hudson Mills Metroparks in the fall of 1999. In May of 2001, the Huron-Clinton Metroparks Board of Commissioners approved a long-term deer management policy that allows deer populations in the Metroparks to be managed on an annual basis.

The 2015 White-Tailed Deer Management Plan is an updated version of the White-Tailed Deer Management Report and Proposed Policy approved by the Board in 2001. The Metroparks Deer Management Plan is part of a comprehensive effort to manage native ecosystems and recreational open space within the Metropark system.

Attachment: White-Tailed Deer Management Plan

HURON-CLINTON METROPOLITAN AUTHORITY



WHITE-TAILED DEER MANAGEMENT PLAN

May 2001
Revised July 2015

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EXECUTIVE SUMMARY

The Huron-Clinton Metropolitan Authority (HCMA) deer management program is part of a comprehensive effort to manage native ecosystems and recreational open space within the Metropark system. By working toward a balanced and functional environment, native plants and animals (including white-tailed deer) contained within these ecosystems stand a greater chance of long term survival and have an opportunity to thrive.

White-tailed deer can consume up to 12 pounds of vegetation per day. They can affect the composition of the faunal and floral communities in ecological systems throughout Michigan and have put some species and ecological systems at risk. Decreased plant populations can lead to loss of plant and animal species and a gross alteration of native communities. Plants are significant component of the foundation an ecosystem's function, and when this foundation begins to crumble, there is a cascade affect that alters other levels of the food chain and other species of wildlife including insects, birds and mammals. Scientific journals, studies and position papers from a wide range of organizations and institutions have documented the effects of overabundance of white-tailed deer across North America. Impacts cited include increased instances of car-deer collisions, public health issues, property damage, and ecosystem degradation are widely noted. The majority of studies cite the effects of deer over abundance on forests and other native ecosystems.

Vegetation surveys in 1998-99 at Kensington Metropark revealed a loss of 69 species of plants, with an additional 25 species listed as uncommon. During the same year, surveys at Stony Creek Metropark revealed a loss of seven (7) plant species and 21 listed uncommon. In addition, data gathered by the Michigan Department of Natural Resources (MDNR) from the Metroparks management program in 1999 indicated that the Metropark deer herd was under stress from the high population density and lack of proper nourishment.

To address the concerns of deer overabundance in the park system, a Metroparks Wildlife Management Advisory Committee was formed in 1998 to assist in the development a wildlife management plan. Following their recommendations, the Metroparks' first deer management program using lethal methods was conducted at Kensington, Stony Creek, and Hudson Mills Metroparks in the fall of 1999. In May of 2001, the Huron-Clinton Metroparks Board of Commissioners approved a long-term deer management policy that allows deer populations in the Metroparks to be managed using lethal methods on an annual basis.

HCMA Deer Management Program: The Michigan Department of Natural Resources annually issues Deer Management Assistance permits to the HCMA to reduce the deer herds during regular deer seasons. Local conservation and sportsmen's groups work with the Metroparks to provide volunteers for controlled deer harvests at designated parks using archery, muzzleloaders and shotguns. Approximately 45 percent of all of the deer removed from the parks thus far have been done through the efforts of volunteer hunters. Deer herd reductions conducted out of season are managed through MDNR Wildlife Damage Investigation and Control Permits. Park police officers trained as sharpshooters are called upon to assist in the reduction of deer herds. The entire park or designated areas of a park, is closed to visitors when deer management activities are taking place, however, every effort is made to keep the remainder of each park open to the public. Sharpshooting by Metropark police officers is primarily conducted in the evening during the winter, which has minimal impact on park usage.

In both harvesting techniques, safety is of utmost importance. Prior to each controlled hunt, qualified volunteers participate in an orientation, which reviews hunting and safety procedures, state regulations and HCMA requirements. The volunteers are placed in specific predetermined locations throughout the management area. Locations are spaced apart and shooting zones established to provide safety to the participants, employees and the surrounding landholders. Participants are allowed to take animals only within the shooting lanes specified. Once placed at a location, the volunteers must remain in place until Metropark staff picks them up. Other hunting techniques have been explored and are possible but each specific technique will need to be reviewed and approved by the HCMA prior to initiation

A sharpshooting team is comprised of Metropark police officers who are trained marksman and are led by a coordinating unit leader. The unit leader is responsible for directing park police officers to secure areas of the park prior to harvesting operations, assigning the shooting teams and support vehicles to the culling site and dealing with public incidents. Each police officer is in constant radio contact with all other members of the team and the unit leader. Shooting typically takes place from a platform, assuring a downward trajectory of the shot. Special ammunition designed to disintegrate upon impact is used. All state mandated safety distances from occupied dwellings are adhered to as a minimum.

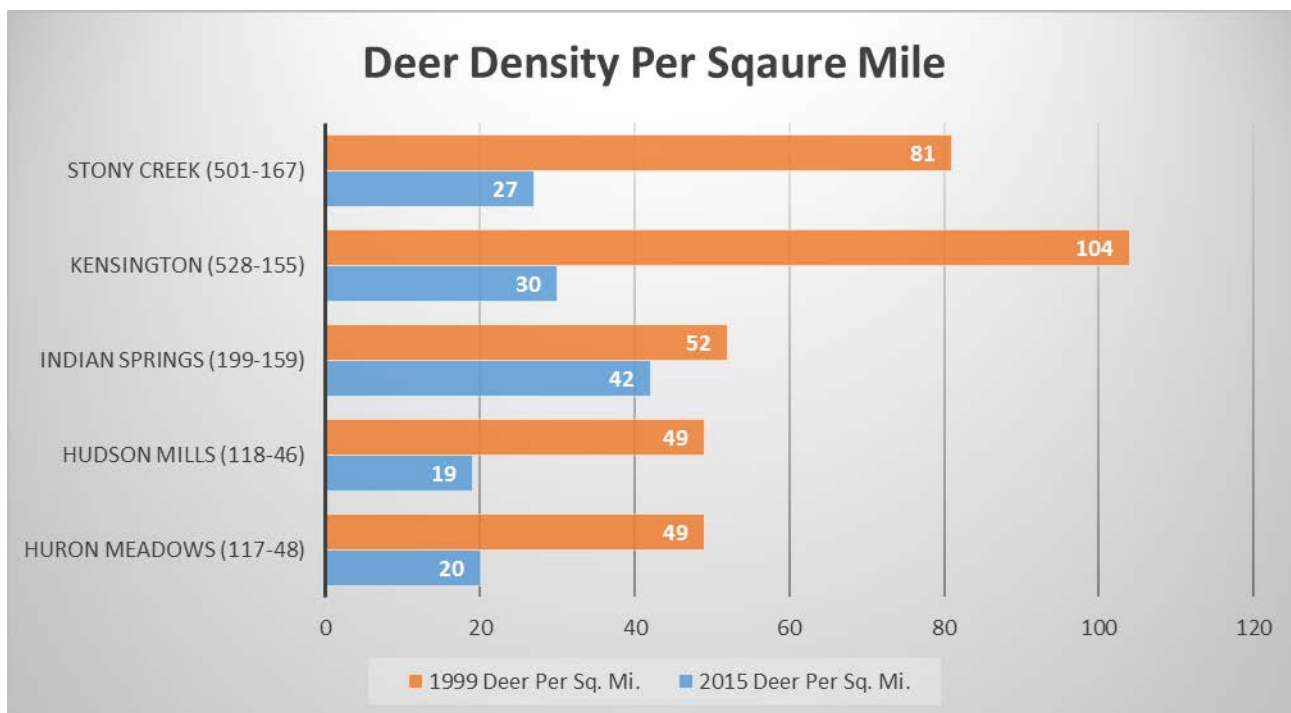
Population Surveys: Deer concentrations are surveyed on a yearly basis in order to set management goals for the individual parks and determine necessary actions. Several methods have been used to gather this data, including the use of helicopters, infrared technology and visual monitoring. The most efficient survey method used is by helicopter. This method has been used each year since the beginning of the program. Surveys are typically conducted in January or February with sufficient snow cover (six inches +) to provide good visibility. Three spotters plus the pilot, fly approximately 1/8 mile wide transects across the parks at a height of 500 to 700 feet depending on conditions. In 2015, 6.5 hours of flight time was logged with nearly 732 deer identified during the process.

The survey data is used in a population model to predict the herd size the following year. Indications are that approximately 80 percent of the deer are actually counted during aerial surveys. The 20 percent error is not factored into the prediction models, so actual population estimates are undoubtedly conservative. In general a population density of around 15 deer per square mile is the preferred carrying capacity for habitats within the Metroparks. Currently, population densities average 22 deer per square mile (unadjusted) with the highest density at Oakwoods Metropark with 62 deer per square mile.

Population Control: The focus of the management effort is to reduce the population by taking primarily antlerless deer. As outlined in the MDNR permit, antlered deer may be taken when part of a group of antlerless deer. Individual animals that are recognized to be unique, unusual, or uncommon and hold value either biologically or socially will not be targeted. These unique individuals, recognized as bringing added value to the Metroparks, will be protected for the public interest and enjoyment, or environmental/genetic diversity, unless determined by the Metroparks and/or MDNR to be detrimental to public or environmental (including deer or other plant or animal species) health, safety and welfare.

A total of 125 deer were removed in the fall of 2014 and winter of 2015 at five Metroparks (Kensington, Stony Creek, Hudson Mills, Lake Erie and Oakwoods). As of February 2015, 3,312 deer have been removed from the parks. Biological data (i.e.: age, weight, sex, reproductive status, and general condition of the deer) is collected from all of the deer taken in the program and is provided to the MDNR annually. During the initial culls, samples were also provided to Michigan State University, Department of Fisheries and Wildlife, as part of a comprehensive statewide collection of DNA samples for white-tailed deer. Upon request, samples are also regularly provided to the MDNR who monitor for Bovine Tuberculosis (bTB), Chronic Wasting Disease (CWD), Eastern Equine Encephalitis (EEE), Epizootic Hemorrhagic Disease (EHD), and Lyme disease. This biological information assists biologists and park managers in assessing deer herd health, program success, and future management needs. Minor outbreaks of EHD have occurred at Stony Creek and Huron Meadows Metroparks. In 2015, the MDNR confirmed the second outbreak in Michigan of CWD in neighboring Ingham County, which only emphasizes the importance of sound population management practices to help prevent this devastating disease from occurring within the Metroparks deer population.

All of the meat harvested from the Metroparks' deer management program, both volunteer hunt and sharpshooting, is distributed to food banks to help feed persons in need. Since the program began in 1999, the Metroparks have donated more than 130,000 pounds of venison, which has provided more than 413,000 meals to those less fortunate. The Michigan Sportsmen Against Hunger program and other sportsmen volunteer organizations have regularly assisted in covering the cost of meat processing.



Ecosystem Response: Overall, the Metropark deer population has shown a significant improvement in its physical condition since the beginning of the program. Changes were most noticeable in fawns and yearlings through increases in body weights. Fawn dressed weights are suggestive of a shift from poor diet to good diet. Presence of fawn breeding also indicates an improvement in physical condition and perhaps physiological maturity. Total herd productivity either has remained good or increased in many instances.



The flora and fauna continue to be monitored throughout the Metroparks by HCMA Natural Resource Department and Interpretive Department staff, trained in photo monitoring and observing changes in the ecosystems. Since the initiation of the deer management program, several uncommon plant species are once again being observed in the parks and in many instances overall ecosystem health is improving. Moderate to good increases have been noticed in indicator species like trillium and geranium along with white cedar, cherry and oak regeneration. Unfortunately, the increase in non-native invasive plant infestation is slowing or impeding the recovery process.

“This year, 2010, was the first time since 1993 that Michigan Lily were observed in blossom. Deer seem to have a special affinity for members of the lily family, and this plant is no exception. Staff has been anticipating the return of this species ever since the deer culls began in 1999.” (Stony Creek Deer Photomonitoring Report 2010).

WHITE-TAILED DEER MANAGEMENT PLAN

INTRODUCTION

The Huron-Clinton Metropolitan Authority (HCMA) deer management program is part of a comprehensive effort to manage native ecosystems and recreational open space within the Metropark system. By working toward a balanced and functional environment, native plants and animals (including white-tailed deer) contained within these ecosystems stand a greater chance of long term survival and have an opportunity to thrive.

White-tailed deer can consume up to 12 pounds of vegetation per day. They can affect the composition of the faunal and floral communities in ecological systems throughout Michigan and have put some species and ecological systems at risk. Decreased plant populations can lead to loss of plant and animal species and a gross alteration of native communities. Plants are significant component of the foundation an ecosystem's function, and when this foundation begins to crumble, there is a cascade affect that alters other levels of the food chain and other species of wildlife including insects, birds and mammals. Scientific journals, studies and position papers from a wide range of organizations and institutions have documented the effects of overabundance of white-tailed deer across North America. Impacts cited include increased instances of car-deer collisions, public health issues, property damage, and ecosystem degradation are widely noted. The majority of studies cite the effects of deer over abundance on forests and other native ecosystems.

Biology of White-tailed Deer

White-tailed deer (*Odocoileus virginianus*) are native to Michigan and an important part of the Metroparks natural community. They are one species interacting with thousands of other plants and animal species in a complex ecosystem. The complexity of this system makes it difficult to determine one species importance over another, so it is imperative that these natural ecosystems are maintained to promote full native species diversity. Deer however are an opportunistic species that can, without checks and balances, become abundant enough to disrupt the equilibrium within native communities.

The population of white-tailed deer has increased dramatically throughout Southeast Michigan in the past twenty years, including in the Metroparks. Population increases within the Metroparks can be attributed to many factors including the deer's own high reproductive rate, the absence of natural predators and the restriction of open hunting on park property. In addition, the continued urbanization of the areas around the park system, reduces habitat quality and quantity, constrains their movement patterns and may force animals into the remaining natural areas including parks. At higher densities, deer can place a heavy burden on the natural communities by reducing species diversity of plants and wildlife as well as impairing forest regeneration. If overbrowse continues, plant populations can decline with some species disappearing altogether, which in turn, further disrupts nature's balance.

By the mid-1990s, it was quite evident that damage to both the parks natural habitats and landscaped areas by deer was reaching a critical stage. As responsible stewards and managers of the natural resources within the Metroparks it was determined that a deer management plan must be initiated. The goal of this plan would be to manage white-tailed deer to maintain the bio-diversity within the Metroparks, while maintaining a healthy deer herd.

SECTION 1 GENERAL DEER MANAGEMENT

(The following information has been excerpted from the publications A Review of Deer Management in Michigan – Michigan Department of Natural Resources, September 2009 and Managing White-Tailed Deer in Suburban Environments – A Technical Guide, DeNicola, VanCauteren, Curtis & Hygnstrom, 2000).

Introduction

White-tailed deer (*Odocoileus virginianus*) are important to the people of the state of Michigan. The expectations, concerns, and values associated with deer by Michigan residents are diverse and complex making successful management of this natural resource challenging. The Michigan Department of Natural Resources (DNR) is responsible for the management of deer in this state and uses a scientific approach when considering the biological, social, economic, and political aspects of deer management. Although wildlife management recommendations and decisions are based on best available biological science, they are nearly always determined within a social context where stakeholder values and priorities must be addressed. The integration of social considerations into scientific examination is necessary to move wildlife management recommendations and actions forward, especially in an environment where public knowledge and inquiry regarding management of public resources is significant.

This document is a review of scientific information pertaining to deer, deer-related issues, and deer-management options in Michigan and summarizes the best available biological and social science relevant to these topics. The information presented in this document was obtained from published scientific literature, agency and university reports, unpublished agency data, and personal communication with deer experts. The purpose of this review is to present general information on deer and specific information relevant to deer management in Michigan.

Distribution, Taxonomy and Physical Description

Deer are probably the best recognized and most widely distributed large mammal in North America. The white-tailed deer is found in nearly every state in the United States. Deer can be found throughout the southern provinces of Canada, in tropical forests of South America, and in the midst of an urban location in Michigan. White-tailed deer successfully live across a wide range of habitats and can be found in every Michigan county (Baker 1983). Deer are creatures of the forest edge and thrive in agricultural areas interspersed with woodlots and riparian habitat. They favor forest stands in early succession in which brush and sapling browse are within reach. Dense forest cover is used for winter shelter and protection.

White-tailed deer are ungulates, or hoofed mammals, belonging to the family Cervidae. The white-tailed deer's coat and color change semi-annually. Deer are more reddish brown with a thin coat during summer months. Deer shed their summer coat in late summer or early fall and replace it with a thick, brownish-grey winter coat. The underside of the tail, belly, chin, and throat are white year round. The winter coat consists of both a short underfur and hollow, outside guard hairs that provide additional insulation and protection during the winter. The winter coat is shed in mid- to late-spring. Hair color is alike in both sexes. Fawns are born with white spots in the upper coat which provides excellent camouflage. They shed their spotted coats in three to four months and it is replaced with a brownish-grey fall and winter coat.

In Michigan, adult deer typically weigh between 125 to 225 pounds live weight and stand 32 to 34 inches at the shoulder. Female deer (does) tend to be smaller than males (bucks) of the same age from the same area. Deer weights vary considerably, depending upon age, sex, diet and the time of year the weight is checked. Deer are extremely agile and may run at speeds of up to 30 miles per hour. White-tailed deer are also good swimmers and often enter rivers and lakes to escape predators or insects.

Reproduction

Deer productivity rates (fawns produced per doe) generally are highest in regions with an abundance of nutritious food. Thus, deer occupying fertile farmland regions typically have higher productivity rates than deer in heavily forested regions. Likewise, deer living in areas with low annual snow accumulation tend to be more productive than those living in regions where snow covers available food for months at a time and inhibits deer movement to food sources. In southern Michigan where winter conditions are relatively mild, a high percentage of fawns and almost all yearling and adult does breed each year. Productivity rates also vary with age of the doe. Adult does have the highest productivity rates, and yearlings (deer that are 1 year old) have higher productivity rates than fawn does (less than 1 year old). In addition, the health of a doe, often a function of habitat quality, influences her reproductive capacity as females from the best range produce more fawns than those from poor range. Adult females (three-years and older) usually produce twins, and triplets are not uncommon.

In Michigan, the deer-mating season typically occurs during late October through December. Peak mating activity is in November. Does are in estrus for 24 hours every 28 days. If not bred does will cycle two or three times until bred. One buck may breed several does. A doe may be bred by more than one buck. Gestation is about 200 days, and the peak of fawn drop is mid-May to mid-June. Fawns weigh seven to eight pounds at birth and are able to walk shortly thereafter. For the first couple of weeks, does leave their fawns in a hiding place for several hours at a time, returning briefly to nurse them. This strategy reduces the likelihood of predators locating the newborn fawn. Fawns begin to follow their mother on her foraging trips at about four weeks of age. White-tailed deer fawns are nursed for eight to 10 weeks before they are weaned.

In southern lower Michigan, where habitat for deer is excellent and winters are relatively mild, about 30 to 50 percent of females breed as fawns and produce a fawn themselves when 1-year old. In northern regions of the state, particularly in the Upper Peninsula (UP), only about 5 percent of 1-year-old does produce a fawn. Pregnancy rates for does two years and older typically are very high, ranging from 80 to 95 percent. Pregnant one-year olds usually produce a single fawn, whereas older does usually produce twins, with singles or triplets possible depending upon their age and nutritional status.

Food Habits

The diet of white-tailed deer changes with the seasons. Succulent herbaceous plants, such as ferns, wild strawberry, dandelions, and goldenrod are preferred by deer during the summer months, and these “forbs” are supplemented with berries, mushrooms, new leaves from trees, and aquatic plants. A wide variety of agricultural crops are also eagerly consumed by deer, including corn, soybeans, oats, barley, alfalfa, pumpkins, and potatoes. In the autumn, deer continue to make use of available agricultural crops but turn to hard mast crops that are high in energy, such as acorns and beechnuts, as well as soft mast such as apples and other fruits. They also consume hay and clover at this time.

During winter, deer abruptly change their diet in northern areas to stems and buds of woody plants. Favorite winter “browse” species in Michigan are white cedar, maple, birch, aspen, dogwood, and sumac, as well as many shrubs. Deer in northern Michigan typically enter a “negative energy balance” during winter and lose weight even when browse is present and abundant.

Causes of Mortality

A deer's life expectancy in Michigan is influenced greatly by hunting pressure and hunting regulations. Simply put, Michigan has a large number of deer hunters who are very effective at harvesting deer. In 2007, an estimated 683,000 hunters spent 9.7 million days afield and harvested nearly 484,000 deer. Statewide, 48 percent of hunters harvested a deer, about 24 percent took an antlerless deer (doe or fawn) and 35 percent took an antlered buck. About 16 percent of deer hunters harvested two or more deer. Poaching, or illegal taking of deer by people, is also a cause of mortality.

Vehicle-deer collisions are another major source of deer mortality in the state. According to State Farm Insurance research, Michigan ranks second in the nation in reported vehicle deer collisions. During 2008, there were 61,010 reported collisions with 12 motorists killed and 1,648 injured (Michigan Traffic Crash Facts 2008). Crashes occurred most often in Michigan's southern, heavily

populated counties. Vehicle-deer crashes occur during all months of the year, but they are especially prevalent during autumn (October - December) when roadways offer the last green forage of the season, cornfields are being harvested, the deer-mating season ("rut") is in progress, and daily commute occurs around dawn and dusk, when deer are most active.

In Michigan, white-tailed deer are susceptible to a host of diseases and parasites. Many parasites and some diseases may weaken infected animals or use them as a host but generally are not fatal. Others can be deadly to individuals and may potentially effect local or even statewide populations. In recent years, several significant disease outbreaks in Michigan's deer herd have stimulated public concern and driven deer management decisions as real and perceived threats are realized. Bovine tuberculosis (bTB), caused by *Mycobacterium bovis*, was first diagnosed in free ranging Michigan white-tailed deer in November 1975 (Schmitt et al. 1997). Since that time, the extent and characteristics of the outbreak, as well as its ongoing management by the DNR, have been extensively described (de Lisle et al. 2002, Hickling 2002, O'Brien et al. 2002, O'Brien et al. 2006, Schmitt et al. 2002). Bovine tuberculosis is primarily of concern because of its ability to infect a wide variety of species (Oreilly 1995), including humans (Wilkins et al. 2003, Wilkins et al. 2008), and the resulting economic costs of infection for the livestock industry due to herd condemnations and closure of markets (Morris et al. 1994). After more than 13 years of surveillance and research, white-tailed deer remain the only proven reservoir of infection for cattle besides other cattle (Corner 2006).

Chronic Wasting Disease (CWD) is a Transmissible Spongiform Encephalopathy (TSE), caused by mutant cellular protein that affects four species of North American cervids (Sigurdson 2008, Williams 2005, Williams et al. 2002), including white-tailed deer. The clinical features, pathology and epidemiology of the disease have been well described in areas where the disease is endemic. Both simulation modeling (Gross and Miller 2001, Miller et al. 2000) and field research (Miller et al. 2008) suggest that once established, CWD can build to high prevalence in infected deer populations, resulting in marked decreases in survival of infected deer and likely causing substantial population declines over decades. Where the disease has become established, no management agency has thus far been able to control its spread, let alone eradicate it.

Following confirmed diagnosis of Michigan's first case of CWD in a captive white-tailed deer in a Kent County facility in August 2008, the DNR's intensified surveillance was implemented per the Michigan Surveillance and Response Plan For Chronic Wasting Disease of Free-Ranging and Privately-owned/Captive Cervids (Michigan Department of Natural Resources/Department of Agriculture. 2002). In 2008, 9,151 free-ranging deer were tested for CWD statewide, including 1,523 from a nine township area surrounding the infected captive facility. All were negative. Since 1998, more than 31,000 wild white-tailed deer have been tested statewide, and all have been negative.

Epizootic Hemorrhagic Disease (EHD) is an acute, infectious, often fatal viral disease of some wild ruminants. This malady, characterized by extensive hemorrhages, EHD has occurred in significant outbreaks in deer in the northern United States and southern Canada. Die-offs of white-tailed deer in Michigan occurred in 1955, 1974, 2006 and 2008. Total mortality in these events ranged between 50 and 200 deer. Because of its very high mortality rate, EHD can have a significant effect upon the deer population in a given area, reducing numbers drastically. There is no know treatment for the disease and there is no evidence that the virus can infect humans.

Eastern Equine Encephalitis (EEE) is a fatal viral disease of horses that can infect a variety of avian and mammalian species but seldom causes clinical disease. It rarely occurs, but white-tailed deer can be infected and the disease is fatal in affected animals. There have been single reports of mortality in deer in Georgia (Tate et al. 2005) and Wisconsin and multiple cases in Michigan (Schmitt et al. 2007). The die-off in Michigan occurred in 2005 in the southwestern portion of the state. Seven mortalities were documented in this outbreak. Due to a high mortality rate, EEE can have a significant effect on the deer population in a given area, but because it rarely occurs, it is not an important mortality factor to the state as a whole. Although it occurs rarely, humans are susceptible to this disease and it can be fatal.

Lyme Disease is an illness caused by a spirochete bacterium (*Borrelia burgdorferi*). This disease is transmitted to humans and animals primarily by the bite of the tick, *Ixodes scapularis*. The white-tailed

deer is a host for the adult stage of this tick and therefore can be involved in exposing humans to the tick, and consequently, to the bacterium. Whitetailed deer do not develop disease when infected with *Borrelia burgdorferi*, and therefore this disease is not an important mortality factor (Brown and Burgess 2001). This disease is of public health significance as the bacterium can affect the cardiovascular system and the neurological system and cause severe arthritis.

Social Structure and Behavior

The social organization of white-tailed deer is largely matriarchal with the most common social group being an adult doe, some of her female offspring from previous years, and all their fawns. Sometimes three or four generations of related does are present in a family group. When fawning season arrives in mid-May, adult does leave the family group and remain alone to bear and rear their fawns.

Deer activity is usually highest during fall because of breeding behavior and the need to increase food consumption while preparing for winter. Deer decrease their activity in winter when food is limited and their mobility is hindered due to snow. Non-migratory deer in the southwestern LP of Michigan had an estimated annual home range size of 0.2–2.9 square miles (Pusateri 2003). Yearling and adult does in south-central Michigan had seasonal home ranges of 0.3-0.8 square miles (Hiller 2007). Deer occupying better habitats can fulfill all their necessary requirements in smaller areas whereas deer residing in poorer ranges may have to travel further distances to find suitable food and cover. Males generally have larger home ranges than females.

Carrying Capacity

Carrying capacity is a term that refers to the maximum sustainable size of a population. Carrying capacity of a population is limited by any number of constraints, both biological (Biological Carrying Capacity) and social (Social Carrying Capacity). The effective and appropriate management of deer populations must consider both biological and social carrying capacities.

Biological Carrying Capacity (BCC)

Biological carrying capacity is defined as the maximum number of animals that a given area can support over a prolonged period of time (McCullough 1984). BCC is determined by the capability of the area to provide the habitat components of a wildlife species – food, water, cover, and space. As deer populations grow, individual animals compete for the resources that their habitat provides, with less of the four requisites being available per deer. In Michigan, healthy, well-fed does are capable of producing triplet fawns and routinely produce twins. Under ideal conditions, even fawns are able to breed and produce their first young when they are about 1-year-old. However, as populations near BCC, adult does raise fewer fawns, fawn survival decreases and fewer fawns are capable of breeding. Another impact when a deer population approaches BCC is antler development in yearling bucks may be retarded. In addition, more deer die from malnutrition. When BCC is reached, the number of deaths equals the number of births.

BCC varies throughout Michigan based on climate and the distribution of habitat. BCC may also change over time, if forests age without cutting or burning, and may fluctuate with annual variations in weather. Although these considerations mean that BCC cannot be exactly known in any given year, and is somewhat of a moving target over time (Macnab 1985), using it as a context in setting population management objectives is possible if long-term trends are used to establish average conditions and short-term perturbations are acknowledged as having periodic significance in population dynamics (Strickland et al. 1994).

When deer populations remain at or above BCC for extended periods of time, BCC may actually be reduced due to vegetation damage that can result from the sustained browsing pressure of high deer populations. This sustained activity may alter the plant species, structural composition, or successional processes of the landscape, resulting in negative impacts on the habitat, which can result in cascading effects on other wildlife species long before negative impacts on the condition of deer occur (deCalesta 1997).

Social Carrying Capacity (SCC)

The concept of SCC proposes the abundance of a wildlife species is limited by the human social environment or human tolerance for that wildlife species. The SCC is not simply the highest level of

deer abundance that will be accepted. SCC is a notion proposing that human society represents a social environment capable of setting limits on the number and distribution of a wildlife species. SCC is defined by both the maximum and minimum population sizes society will tolerate. That is, Michigan society may not tolerate too many deer, but it may not tolerate too few either. SCC is also defined by the interactions between humans and a wildlife species. Issues and conflicts are created when stakeholders disagree on what level of interactions is acceptable. The status of such deer-related issues is a critical feature of the SCC model. Deer management can be less about management of deer than about managing the issues created by deer–human interactions (which can be both negative & positive) and differences in stakeholder tolerances regarding those interactions.

A SCC for deer is defined by the level of abundance and interactions acceptable to enough stakeholders such that there is a low level of deer-related issues (Minnis and Peyton 1995). When deer abundance and interactions with stakeholders fall within a range that most stakeholders can accept, deer are being managed within SCC. If no range is agreeable to key stakeholders, a SCC does not exist and could only be created by shifting attitudes and tolerances of stakeholders. There is the potential to change SCC to support more or fewer deer, or to manage the abundance and distribution of deer to fit an existing SCC.

Ecological Impacts

White-tailed deer evolved in a forested environment and it is likely that there are both wildlife and plant species that benefit from the presence of deer and their activities. By foraging selectively, deer affect the growth and survival of many herbaceous, shrub and tree species, modifying patterns of relative abundance and species interactions. When populations are not in balance with habitat, deer have the ability to alter their environment by over-browsing preferred plants and destroying the vegetative cover upon which they and other species depend. Overbrowsing can result in reduced availability of adequate ground level vegetation (herbaceous plants, seedlings, saplings, and shrubs) that provides the food and cover required by deer (Alverson et al. 1988). In addition to impacts on deer habitat, over-browsing by deer can degrade the quality of habitats for other wildlife species and alter entire ecosystems. Numerous wildlife species use ground level and mid-story vegetation of forests in Michigan for nesting and escape cover that may be negatively impacted by intense deer browsing (deCalesta 1997, Cote et al. 2004). In addition, deer compete directly with wild turkeys, ruffed grouse, squirrels, and a variety of other birds and small mammals for acorns, fruits, and other mast.

Deer browsing can affect the quality and viability of entire natural communities. Damage to natural communities extends to a variety of other species including insects, birds, reptiles, amphibians, and other mammals that are dependent on those communities. Impacts on rare plants, animals, and communities are of special concern as years of over-browsing can threaten viability of local populations. In addition, over-browsing of native vegetation facilitates invasion of aggressive, non-native plant species like garlic mustard. Many of these invasive plants degrade habitat for deer and other species by crowding out preferred deer forage and changing ground flora to species that provide little or no benefit to most wildlife species. Management activities designed to benefit deer must ensure that other resources are not negatively impacted. It is important that deer numbers are kept below levels where they may cause long-term damage to the ecosystems in which they live.

Conflicts between Humans and Deer

While white-tailed deer are highly valued by Michigan residents, conflicts between deer and humans occur at various levels of intensity across the State. Damage to agricultural and horticultural crops, suppressed forest regeneration, high rates of deer-vehicle collisions, and destruction of landscaping and other property by deer in urban/suburban areas can be significant.

Deer readily feed on a variety of agricultural crops and can reduce yields significantly. Agriculture is an enormous part of Michigan's economy and in 2007 more than 55,000 farms encompassing over 10 million acres, produced a net farm income of \$2.03 billion and generated \$71.3 billion in economic activity. Michigan ranks 19th nationally in total cash receipts for agricultural products and is the leading producer of crops such as dry beans, blueberries, cherries, cucumbers, and bedding and garden plants in the U.S. (USDA 2009). Deer in most Michigan counties damage agricultural crops,

but the most significant damage occurs in areas where deer numbers are high and agricultural crops are common on the landscape.

Another significant conflict between deer and humans is deer-vehicle collisions. Approximately 1.5 million deer-vehicle collisions occur on U.S. roads annually and Michigan ranks second in the country in reported collisions. In 2008, 61,010 deer-vehicle collisions were reported in Michigan resulting in 12 human deaths and 1,648 injuries to the persons involved (Michigan Office of Highway Safety Planning 2009). Reduction of deer numbers in areas where deer vehicle collisions present a significant public safety concern is imperative, as are education campaigns that promote safe driving and explain what to do when deer are present on roads.

Urban/Suburban Deer Management

White-tailed deer are an important part of the culture in Michigan. As white-tailed deer have expanded in number and adjusted to living in and around urban areas, they have taken up permanent or semi-permanent residence in many Michigan communities. With adequate cover and food available deer successfully navigate sidewalks, traffic and backyard fences, appearing quite comfortable with daily interactions involving humans, barking dogs and vehicles. Management of urban/suburban deer populations can be difficult. Similarly, as deer populations increase and conflicts with deer arise, different expectations, concerns, and values make addressing these conflicts problematic.

Deer populations in rural settings are managed nearly exclusively by recreational hunting with the exception of utilizing deer damage shooting permits for addressing specific situations. However, these lethal techniques face several challenges to application in many urban/suburban areas including: (1) real or perceived safety concerns, (2) conflicting social attitudes and perceptions about wildlife, (3) hunting and firearm discharge restrictions, and (4) liability or public relations concerns (DeNicola 2000). Lethal tools are more effective than others but may be unacceptable in areas where social or safety concerns are an issue. Applying a combination of several techniques specifically tailored for each situation should prove to be more successful than utilizing a single tool.

Integrated Management Strategies

No single technique or strategy is universally appropriate. The complexities of suburban deer issues and the current limitations of available techniques make quick-fix solutions unlikely. Resolving conflicts associated with deer often requires an integrated management program. Short-term strategies can relieve immediate problems, while long-term approaches will maintain deer populations at target levels. Combining two or more methods may improve results and increase the acceptability of the program for a wider range of stakeholders. Management programs should be monitored to assess their impacts. Baseline data (e.g. roadkill reports, vegetation impacts, deer health, and population census and homeowner complaints) will be required to determine accurately the effects of any management action and to evaluate program effectiveness.

Nonlethal Management Options

Nonlethal techniques are generally well accepted by the public. However, limited effectiveness and/or high cost may prevent their exclusive use to resolve deer conflicts. Non-lethal techniques can be justified when the potential financial savings from their applications are equal to or greater than the cost for implementation. Non-lethal techniques may not affect deer impacts to plants and animals on a community-wide scale because these methods were designed to supplement, not replace, deer population management. Consequently, nonlethal alternatives are best employed within the context of a comprehensive deer management program.

Habitat Modification

Deer adapt well to nearly all human-modified environments, except for downtown urban locations and other large areas that are devoid of woodland cover. These intensely developed urban areas are usually less aesthetically appealing to people than suburban landscapes that contain a patchwork of woodlots and homes. Therefore, habitat modifications to discourage deer presence are rarely practical.

Ban on Deer Feeding

Many people enjoy providing food for deer and other wildlife during winter. This may contribute to an artificially high deer population, especially during harsh winters when natural food sources are in short supply. Supplemental food can enhance deer reproductive rates, encourage deer to congregate in sensitive areas (Doenier et al. 1997). Also, food provisioning can lead to deer crowding and increased susceptibility to diseases (Davidson and Nettles 1997). Education and/or regulations may reduce the number of people who feed deer. Unfortunately, law enforcement agencies sometimes consider antifeeding regulations unenforceable, as some people ignore them. Therefore, it may be difficult to discourage or prevent residents from feeding deer unless there is a concerted effort by the community and law enforcement agencies.

Unpalatable Landscape Plants

Although deer are generalist foragers, they do have preferences for certain plant species. Selecting less palatable herbaceous and woody plants can minimize deer browsing to ornamental plants (Cummings et al. 1980, Fargione et al. 1991, Craven and Hygnstrom. 1994, Curtis and Richmond 1994). Careful plant selection for home landscapes, combined with the selective use of repellents, may minimize damage if deer-feeding pressure is low to moderate. Few ornamental plant varieties, however, are classified as rarely damaged by deer, and application of this technique is limited in areas with high deer densities.

Repellents

Repellents are best suited for use in orchards, nurseries, gardens, and on ornamentals or other high-value plants. High application cost, label restrictions on use, and variable effectiveness make most repellents impractical for row crops, pastures, or other low-value commodities. Success with repellents is measured in reduction of damage; total elimination of damage should not be expected (Craven and Hygnstrom 1994). Repellents work by reducing the attractiveness and palatability of treated plants to a level lower than that for other available forage. Repellents are more effective on less palatable plant species than for those that are highly preferred (Swihart et al. 1991). Effectiveness also depends on the availability of alternate forage (Conover 1987, Conover and Kania 1988, Andelt et al. 1991), and repellent performance seems to be negatively correlated with deer density. Scientists have classified repellents by four specific modes of action: fear, conditioned aversion, pain, and taste (Beauchamp 1997, Mason 1997). Fear-inducing repellents emit sulfurous odors that mimic predator scents. Conditioned aversion is an avoidance response associated with a treated item and an illness. Pain-inducing repellents affect the trigeminal receptors located in the mucous membranes of the eyes, nose, mouth, and throat. Taste repellents generally include a bitter agent that makes treated items unpalatable. In addition to mode of action, several other factors that influence the effectiveness of repellents must be considered. Some repellents weather poorly, so it is usually best to use products that contain a commercial "sticker" or adherent. Also, repellents only protect the foliage to which they are applied. New growth that emerges after the application of the treatment is unprotected (Allan et al. 1984). Therefore, repellents have to be reapplied repeatedly during the growing season to retain their effectiveness (Sullivan et al. 1985, DeYbe and Schapp 1987, Andelt et al. 1991). For peak efficacy, many repellents should be reapplied every four to five weeks as long as deer-feeding pressure remains high (Sayre and Richmond 1992).

Supplemental Feeding

Supplemental feed can be used to draw deer away from specific problem areas. Deer must be concentrated a significant distance (more than 400 meters) from the site with conflicts (Doenier et al. 1997). Deer problems may be created near the baiting station, however, and this should be assessed prior to providing, supplemental feed. For example, concentrating deer may result in excessive plant damage in the vicinity of the artificial food source. In many areas of North America, supplemental feeding would likely increase deer-human conflicts. Feeding would concentrate deer, possibly increasing disease transmission and/or predation of deer by dogs and coyotes. Implementation of a supplemental feeding program to prevent malnutrition would be counterproductive to control efforts directed at free ranging herds because it could encourage additional population growth. Furthermore, it is costly to provide ad libitum winter-feed (Ozoga and Verme 1982, Baker and Hobbs 1985).

Fencing

Fencing is a reliable method to address site-specific problems such as landscape or agricultural damage or airport conflicts (Caslick and Decker 1979, Craven and Hygnstrom 1994, Curtis et al. 1994). Fencing also can be used to protect public health in areas where there is a high prevalence of tick-borne diseases (Daniels et al. 1993, Stafford 1993). Agencies often recommend barrier fencing around schoolyards and other high-risk areas to minimize deer access, tick abundance, and the associated risks of contracting Lyme disease. Several factors should be assessed before using fencing as a deer control option. These include fence design, site history, deer density, crop or landscape value, local ordinances, and the size of the area to be protected (McAninch et al. 1983). For a given deer density, the potential for damage will often be greater on larger areas than smaller ones (Caslick and Decker 1979, McAninch et al. 1983). Consequently, large areas often require more substantial fencing designs to achieve a level of protection similar to small areas. Blocks larger than 50 acres usually require eight-foot-high, woven wire fencing to reliably prevent deer from entering the area if feeding pressure is high.

Hazing and Frightening Techniques

Several techniques can be used to frighten deer away from specific areas. Hazing has been effective under certain circumstances, however, deer often habituate to novel disturbances. In addition, deer may not leave the general vicinity and complaints may arise from neighbors about the noise made by the devices. Hazing is most effective if implemented either before or at the initial stages of a conflict situation. Deer movements or behavioral patterns are difficult to modify once they have been established. Pyrotechnics provide quick but temporary relief from deer damage. Motion-sensing detectors have been used to trigger both audible and ultrasonic devices for frightening deer in an effort to minimize habituation. Strobes, siren, water sprays, and other devices have been used to frighten deer with limited effectiveness. Although deer can detect ultrasound, they are not repelled by it because they do not associate the disturbance with danger (Curtis et al. 1995).

Population Reduction Methods

Population control programs have two phases: the initial reduction phase when the number of deer removed is high, and the maintenance phase after deer densities have been lowered and fewer deer are handled. It should be emphasized that any population control effort will require long-term maintenance. Management efforts may occur annually following attainment of population density goals or less frequently depending on program efficiency and local deer management objectives. Regardless of the culling frequency, the HCMA should be committed to a long-term population control program to maintain the deer density near a determined goal. With any technique, the cost per deer handled will increase as the proportion of the population removed or treated increases (Rudolph et al. 2000). High costs associated with diminishing returns may prevent achieving population goals with some techniques. Deer learn to avoid threatening situations, and the use of a variety of methods to capture or kill deer can help maintain program efficiency.

Trap and Transfer

Trapping and translocation requires the use of traps, nets, and/or remote chemical immobilization (i.e., darting) to restrain deer and shipping crates to translocate captured animals. Capture and translocation has been demonstrated to be impractical, stressful to the deer handled, and may result in high post-release mortality. Deaths of translocated deer have been attributed to capture myopathy (Beringer et al. 1996), unfamiliarity with the release site, and encounters with novel mortality agents (Jones and Witham 1990, Bryant and Ishmael 1991, Jones et al. 1997, Cromwell et al. 1999). Capture myopathy is a stress-related disease that results in delayed mortality of captured deer. O'Bryan and McCullough (1985) documented 85 percent mortality after one year for deer captured and translocated in California at a cost of \$431 per deer. Other capture and relocation programs have recorded costs ranging from \$400 to \$2,931 per deer (Ishmael and Rongstad 1984, Drummond 1995, Ishmael et al. 1995, Mayer et al. 1995). Trap and translocation programs also require release sites that are capable of receiving deer, and such areas are often scarce. An additional concern associated with translocation of deer, especially from an overpopulated range, is the potential for spreading disease. The presence of Lyme disease and tuberculosis in some areas of North America makes this a serious consideration. In addition, tame deer often seek out comparable residential locations and may create problems similar to those identified at the trapping location (O'Bryan and McCullough

1988). Land-use conflicts and disease concerns caused by relocated deer could lead to questions of liability. Most deer immobilization drugs are classified as controlled substances, and their use requires U.S. Drug Enforcement Agency licenses.

Trap and Euthanasia

Capture with box traps, Clover traps, drop nets, or rocket nets followed by euthanasia has been assessed or considered in only a few locations (Jordan et al. 1995). This technique can be used in areas where there is a concern about the discharge of firearms or in areas with very high deer densities to complement a sharpshooting program. This method, however, is inefficient and expensive, with costs likely exceeding \$300 per deer. Physical restraint and euthanasia of deer in traps is sometimes preferred over chemical means because it allows for the consumption of meat from the deer. Deer are greatly stressed, however, during the restraint phase of the capturing process (DeNicola and Swihart 1997).

Sharpshooting

Several communities have employed trained, experienced personnel to lethally remove deer through sharpshooting with considerable success (Deblinger et al. 1995, Drummond 1995, Jones and Witham 1995, Stradtman et al. 1995, Ver Steeg et al. 1995, Butfiloski et al. 1997, DeNicola et al. 1997c). A variety of techniques can be used in sharpshooting programs to maximize safety, humaneness, discretion, and efficiency. The cost per deer for sharpshooting programs has varied, ranging from \$91 to \$310 per deer. Human safety concerns are often associated with the discharge of firearms in suburban landscapes. The noise associated with discharging firearms after dark in suburban areas must be considered when developing a sharpshooting program. Often the negative public reaction to sharpshooting is minimal if firearms are fitted with suppressors. Also, perceptions of public safety can be enhanced by having police or other uniformed officials responsible for shooting the deer and/or providing on-site security.

The level of experience of the personnel involved and the program design should be thoroughly assessed. As for any population reduction method, the extent and distribution of access to deer on private or public property will directly affect program efficiency and outcomes. The following methods are recommended for sharpshooting programs: (1) use baits to attract deer to designated areas prior to removal efforts, (2) shoot deer from portable tree stands, around blinds, or from a vehicle during the day or night, (3) when possible, select head (brain) or neck (spine) shots to ensure quick and humane death, (4) process deer in a closed and sheltered facility, and (5) donate meat to food banks for distribution to needy people in the community.

Archery equipment has been used to remove deer in suburban areas, usually when firearms discharge was not permitted. Compound bows or cross-bows with a minimum peak draw weight of 50 pounds are recommended. In one New York community only a few square miles in size, deer were shot at close range (ten to fifteen yards) while feeding at bait piles, similar to the procedure described for sharpshooting. More than 500 deer were removed from this community using bow and arrows in less than two years.

Controlled Hunting

Another option in controversial management areas is the use of controlled hunts (Ellingwood 1991). Controlled hunting is the application of legal, regulated deer hunting methods in combination with more stringent controls or restrictions as dictated by the landowner or elected officials. Controlled hunts have been successful in several locations (Sigmund and Bernier 1994, Deblinger et al. 1995, Kilpatrick et al. 1997, Mitchell et al. 1997, McDonald et al. 1998, Kilpatrick and Walter 1999). The potential for intervention and/or interference by activist groups is often high when using hunters to manage locally overabundant deer populations. Thus, in controversial situations where hunters are used, intensive involvement of state agency and law enforcement personnel is required. The site must be assessed and patrolled to minimize ingress by protesters, trespassers, and vandals. Costs for law enforcement personnel should be considered in the planning process. Examples of indirect costs affiliated with controlled hunts have ranged from \$160 per deer harvested (Connecticut) to \$622 per deer harvested (New Jersey) (Sigmund and Bernier 1994, Deblinger et al. 1995, Connecticut Department of Environmental Protection 1996). Selection of hunting techniques will depend on local circumstances, including parcel size, deer numbers, problem severity, and the potential for conflict.

Archery hunting for deer has the advantage of being a relatively discreet and silent activity. The limited shooting range for archery equipment, coupled with the tendency of archers to hunt from tree stands (which ensures a backstop for shots), makes archery hunting a safe and nondisruptive removal technique (Richter and Reed 1998).

Archery has the disadvantage of being less efficient at reducing deer density than firearms hunting because of lower success rates for bowhunters. Special archery seasons may be longer than firearm hunts to allow for sufficient deer harvest over time. The length of the hunt should be thoroughly evaluated if an area is closed to public access because of the incompatibility of archery hunting with other activities. An additional disadvantage, particularly on small parcels, is that even deer that are mortally wounded with an arrow can travel 100 yards or more before succumbing. In developed areas, this could result in fatally struck deer dying on adjacent properties.

When feasible, shotguns loaded with slugs should be used to maximize program efficiency and help ensure that management goals are attained. Shotguns should be equipped with rifle sights or a scope and a rifled barrel to help ensure accurate shot placement. Where legal, rifles are the firearm of choice in expansive rural areas.

Experimental Deer Management

Fertility Control Agents

Recently, much research has focused on alternative, nonlethal techniques to regulate deer populations in suburban areas that are closed to hunting because of safety concerns or social attitudes. Wildlife researchers are attempting to determine if immunocontraception, or some other form of fertility control, can be a practical management alternative. Field studies are under way to determine the feasibility of using contraceptive vaccines to regulate free-ranging deer populations (Rudolph et al. 2000). Fertility control agents function by reducing the reproductive output so that it equals or is less than the rate of mortality. Because annual mortality rates for suburban deer populations are often very low, a large portion of does (70 –90 percent) need to be effectively treated to curb or reduce population growth (Rudolph et al. 2000).

Unfortunately, much confusion surrounds the status of fertility control agents. The lack of public understanding regarding the availability and practicality of fertility control has caused unnecessary delays in the implementation of effective management programs, because fertility control is perceived as the ideal solution. To put fertility control technology in perspective, after four decades of research, effective antifertility programs for controlling populations of free ranging wildlife simply do not exist. To date, HCMA is unaware of any safe and cost-effective non-lethal method to control deer populations.

Regulatory and Permit Requirements for Antifertility Research

Antifertility agents for wildlife are not commercially available. All antifertility agents are currently classified as experimental drugs and are only produced in a few research laboratories. Experimental drugs can only be administered to deer following U.S. Food and Drug Administration (FDA) guidelines. A federal Investigational New Animal Drug permit and state or provincial wildlife agency approval are necessary to capture or treat any deer with drugs. Consequently, in North America, treatment of deer with contraceptive vaccines is only being conducted in research projects by universities, state and federal wildlife agencies, and the Humane Society of the United States. The FDA has concerns about the safety of consuming deer treated with experimental drugs and currently requires that all treated, free-ranging deer be marked with warning that stipulate consumption restrictions. It is not clear if or when FDA restrictions on consumption of deer meat treated with experimental drugs will be modified. In addition, fertility control agents are usually delivered to deer using either dart rifles or biobullets.

Restrictions on firearms discharge in suburban areas often limits practical delivery of drugs to free-ranging deer. Consequently, there are many aspects of the regulatory and delivery systems effectively that still need to be developed before contraceptive vaccines can be a viable management alternative for communities with overabundant deer herds.

Antifertility Agents Under Investigation

The two general categories of fertility control agents include: (1) drugs or vaccines that prevent conception (contraception) and (2) chemicals that are administered postconception to terminate pregnancy (abortifacient or contragestation).

Steroid Contraception.

Fertility control with steroids (i.e., synthetic progestins and estrogens) has been evaluated for controlling deer reproduction during the past 25 years. Orally delivered steroids have shown limited success in preventing deer reproduction (Matschke 1977, Roughton 1979). However, implants containing synthetic steroids have been effective in some studies (Matschke 1980, Plotka and Seal 1989, Jacobsen et al. 1995, DeNicola et al. 1997a). Regardless of proven efficacy, the FDA will not permit the use of steroidal agents on free-ranging deer because of unresolved questions regarding, the effect of long-term steroid exposure on deer, the impact of steroid-treated carcasses on animals in the food chain, and concerns about steroid consumption by humans.

Immunocontraception

Immunocontraceptive vaccines control fertility by stimulating the production of antibodies against proteins and hormones that are essential for reproduction. The antibodies interfere with the normal physiological activity of these reproductive agents (Talwar and Gaut 1987). Immunofertility agents (e.g., Porcine Zona Pellucida) [PZP] and Gonadotropin-Releasing Hormone [GnRH] have been successfully employed to control reproduction in individual deer (Turner et al. 1992, 1996 ; Miller et al. 1998).

Contragestation

One contragestation agent, prostaglandin (PGF₂(x)), has proven to be both safe and highly effective in white-tailed deer (DeNicola 1996, DeNicola et al. 1997b). Risk to secondary consumers is minimal because PGF₂(x) is metabolized readily in the lungs of treated animals (Piper et al. 1970). In addition, prostaglandin can be remotely delivered using the biobullet delivery system. Negative public perception of using, "abortion" agents, however, may limit future application of this technique with deer. A limited number of delivery methods are available for antifertility agents. The usefulness of each depends on the site conditions, deer behavior, and number of deer to be treated.

Surgical sterilization or implantation.

Implantation is effective, but it requires animal restraint and is stressful to the treated animal, time consuming and costly (Eagle et al. 1992, Garrott et al. 1992). Surgical sterilization by implants or tubal ligation has been evaluated (Plotka and Seal 1989), however, this approach has significant limitations because of the effort required to capture and handle individual deer. This method may be practical in small (less than two square miles), isolated or enclosed parks, arboretums, and corporate complexes with few deer.

Remote delivery.

Antifertility agents have been administered using darts and biobullets. Biobullets are biodegradable hydroxypropyl cellulose and calcium carbonate projectiles used to administer antifertility agents, vaccines, anthelmintics, antibiotics, and immobilization agents (Herriges et al. 1991, Jessup et al. 1992, DeNicola et al. 1996). The biobullet system allows for the remote delivery of intramuscular treatments. Remote delivery reduces the probability of direct consumption of fertility control agents by nontarget species. The limited life expectancy of implants, the expense involved in treatment, and the difficulty of treating an adequate portion of the herd suggests that large-scale implant programs would be impractical, yet remote delivery may have value in controlling small, isolated deer herds.

Oral application of antifertility agents.

To allow for practical application of fertility control agents to larger populations or areas (two square miles or more), it will be necessary to develop an oral delivery system. Presently no orally active, nonsteroidal, antifertility agent is available. Additional major obstacles to oral contraception in deer include dosage control absorption of active agents and ingestion of bait by nontarget wildlife. Based on these concerns and past studies, much research is still required before an oral antifertility agent becomes available.

In conclusion, advances in delivery systems coupled with improvement in the efficacy of antifertility agents improve the prospects of wildlife population control through contraception in the future. Much information is still needed, however, regarding the biological and practical concerns associated with administering immunocontraceptive vaccines. The cost of labor and materials and the practicality of treating an adequate number of deer likely will limit the use of immunocontraceptives to small insular herds that are habituated to humans (Curtis et al. 1998, Walter 2000, Rudolph et al. 2000). Furthermore, with low annual mortality rates for suburban deer, populations will remain at high levels for several years after the initiation of a contraception program. If short-term population reduction is the management goal, it will be necessary to reduce the herd to an acceptable density and then treat the majority of the remaining, females with contraceptive vaccines to stabilize herd growth (Nielsen et al. 1997).

SECTION 2

HCMA DEER MANAGEMENT PROGRAM

Assessment

In March of 1998, the Metroparks convened a Metroparks Wildlife Management Advisory Council (MWMAC) to help develop guidelines for management of white-tailed deer, Canada geese (*Branta canadensis*) and other potential nuisance species found within the park system. Citizens on the committee represented a variety of interests and included representatives from: Michigan Humane Society, Michigan Audubon Society, Michigan Department of Natural Resources, Michigan United Conservation Clubs, Michigan Botanical Society, Michigan Bowhunters Assoc. /United Sportsman of America and two private wildlife photographers.

The objectives of the committee were:

- To gather data on how deer were affecting plant and animal life in the parks.
- To assess the deer populations in several parks and develop methods of monitoring these populations.
- To develop recommendations for methods of controlling deer in the Metroparks.

Over the next six months a subcommittee of the MWMAC gathered data on the Metroparks deer populations and their impact on the habitat of the Metroparks, especially Kensington and Stony Creek. In October 1998, the subcommittee concluded:

- The preponderance of evidence demonstrates that deer are overabundant in the Metroparks as indicated by severely browsed plants and the decline or disappearance of plant species.
- To safeguard the ecological integrity of the Metroparks, efforts must be sought to bring the deer population into balance with the carrying capacity of each park.
- HCMA needs to establish a system of periodic, park-specific assessments to determine the extent of deer damage and of vegetation recovery in the various Metroparks.

Vegetation Surveys

Multiple studies (Shelton 2014, Rawinski 2014, Waller 2014) note that deer overbrowsing can change forest habitat by reducing tree reproduction, changing tree species composition, reducing the abundance and diversity to herbaceous understory species and reducing the habitat of canopy-nesting birds. Other studies demonstrate that overbrowsing also contributes to the decline of several bird and butterfly species (Cutright & Kearns 2005, Casey and Hein 1983, Miller et al. 1992, deCalesta 1994, McGuinness & deCalesta 1996). Consistent with this current ecological literature, park officials had noticed the effects of overabundant deer since the 1980s. In response to these concerns, the HCMA installed several vegetation enclosures (deer exclosures) in Kensington Metropark in 1996, to help quantify the loss of habitat. After two years, the data collected from these plots strongly suggested that deer browsing was affecting species diversity and density of local plants types. Vegetation density in exclosures was estimated to be three times greater in exclosures than the control sites.

Subsequently, additional vegetation enclosures (deer exclosures) were installed throughout the park system. An initial study (Courteau, Nov. 1998), detailed the methodology of this sampling process. The survey concluded that “the Kensington Metropark deer exclosures shows a pattern of higher species diversity and density where vegetation has been protected from browsing deer for two seasons” and that “data on browse damage and mortality clearly demonstrate the extent of deer browsing and its correlation with seedling mortality. These data comprise the strongest direct evidence that deer are, indeed, overbrowsing vegetation past the point of recovery, in some cases.” Additional research goals (Courteau 1999 & 2000) have since been established to further compile quantitative scientific data. This ongoing data collection process will continue to aid the HCMA in its management decisions and to assess the effectiveness of its policies regarding deer management in the Metroparks.

MWMAC Recommendations

- Based on several factors including the desire of the committee and HCMA to retain a visible deer herd for public enjoyment, (Social Carrying Capacity) the Metroparks Wildlife Management Advisory Committee (MWMAC) recommended a deer density goal for the Metroparks of 20-25 deer per square mile. The Committee recommended actively controlling deer in a park when the population assessments show the density is greater than that proposed, or when flora monitoring indicates that deer browsing is damaging the vegetation beyond its capacity to recover.
- The MWMAC researched a number of methods for controlling deer populations in the Metroparks and concluded that non-lethal methods were either not available for initiation or would not be effective in reducing deer populations given the large size of the parks, their open borders, the large numbers of deer, and the current state of technology of non-lethal methods such as immunocontraception, and sterilization. It was concluded that traditional methods of deer removal be implemented and the option of non-lethal methods continue to be evaluated as they are made available and prove to be economically feasibility. To date, HCMA is unaware of any safe and cost-effective non-lethal method for controlling deer populations.

While the MWMAC research focused only on the impacts of deer damage on various plant and animal species in the natural systems, it is important to recognize the negative impact of an overpopulated deer herd on the manmade landscape. Each year, deer damage or destroy thousands of dollars worth of herbaceous plants, shrubs and trees that are planted throughout the park system. Damage occurs from deer browse of vegetation and male deer rubbing their antlers on the trunks of planted trees. These “buck rubs” can permanently damage or even kill these plants. Trees damaged in this way typically decline in vigor and will eventually need to be removed and replaced adding additional expense. Damaged trees also have a greater potential for storm and wind damage to occur which could cause additional property or personal damage.

Many agencies across the eastern U.S. have also found it necessary to actively manage deer in their parks or communities. The Metroparks Wildlife Management Advisory Committee spent much time investigating the methods employed by these agencies as it considered options for the Metroparks. HCMA staff continues to monitor the management experiences of other agencies to help determine the efficacy of using various methods in managing deer within the Metroparks.

The list of agencies below is not exhaustive but it gives an idea of the breadth of this park management issue. We have been in direct contact with many of these agencies to get their help and advice. Some have provided us with in-depth management reports that are available upon request.

AGENCY

1. Oakland County Parks Commission
2. Indiana State Parks
3. Hennepin Regional Park District (MN)
4. Cleveland Metroparks (OH)
5. Lake County Forest Preserves (IL)
6. Columbus and Franklin County Metroparks (OH)
7. Milwaukee County Parks (WI)
8. Milwaukee Zoo (WI)
9. Cook County Forest Preserve (IL)

CONTROL METHODS USED

- Controlled firearms hunts at Addison Oaks
Open bow hunting at several other parks
- Controlled firearms hunts in several parks
- Controlled shotgun and archery hunts;
sharpshooting in one park
- Sharpshooting, immunocontraception
- Sharpshooting
- Controlled public hunts, sharpshooting, trap
and transfer, and immunocontraception
- Sharpshooting
- Sterilization
- Sharpshooting

10. Dupage County Forest Preserve (IL)	Sharpshooting
11. Chippewa Nature Center (MI)	Controlled bow hunting
12. Morris County Parks (NJ)	Controlled hunts, immunocontraception
13. Hunterdon County Parks (NJ)	Controlled hunts
14. Watchung State Park (NJ)	Controlled hunts, sharpshooting
15. Tyler State Park (PA)	Controlled hunts
16. Eden Prairie (MN)	Sharpshooting
17. Long Island (NH)	Sharpshooting, immunocontraception
18. Briarcliffe Acres (SC)	Sharpshooting using arrow gun
19. Missouri Department of Conservation	Controlled public hunts in urban areas

Public Information

Knowing that discussions of deer management can be controversial, both from the aspect of controlling deer populations or from not being proactive enough to reduce deer damage to the parks ecosystems, the Metroparks staff instituted a process to provide the public with the information gathered from the MWMAC data. Public informational meetings were held as well as meetings with local officials. Brochures and informational fact sheets were and continue to be available to the public. The public also has opportunities to express their opinion at regularly scheduled monthly HCMA Board of Commissioners meetings.

Deer Population Surveys

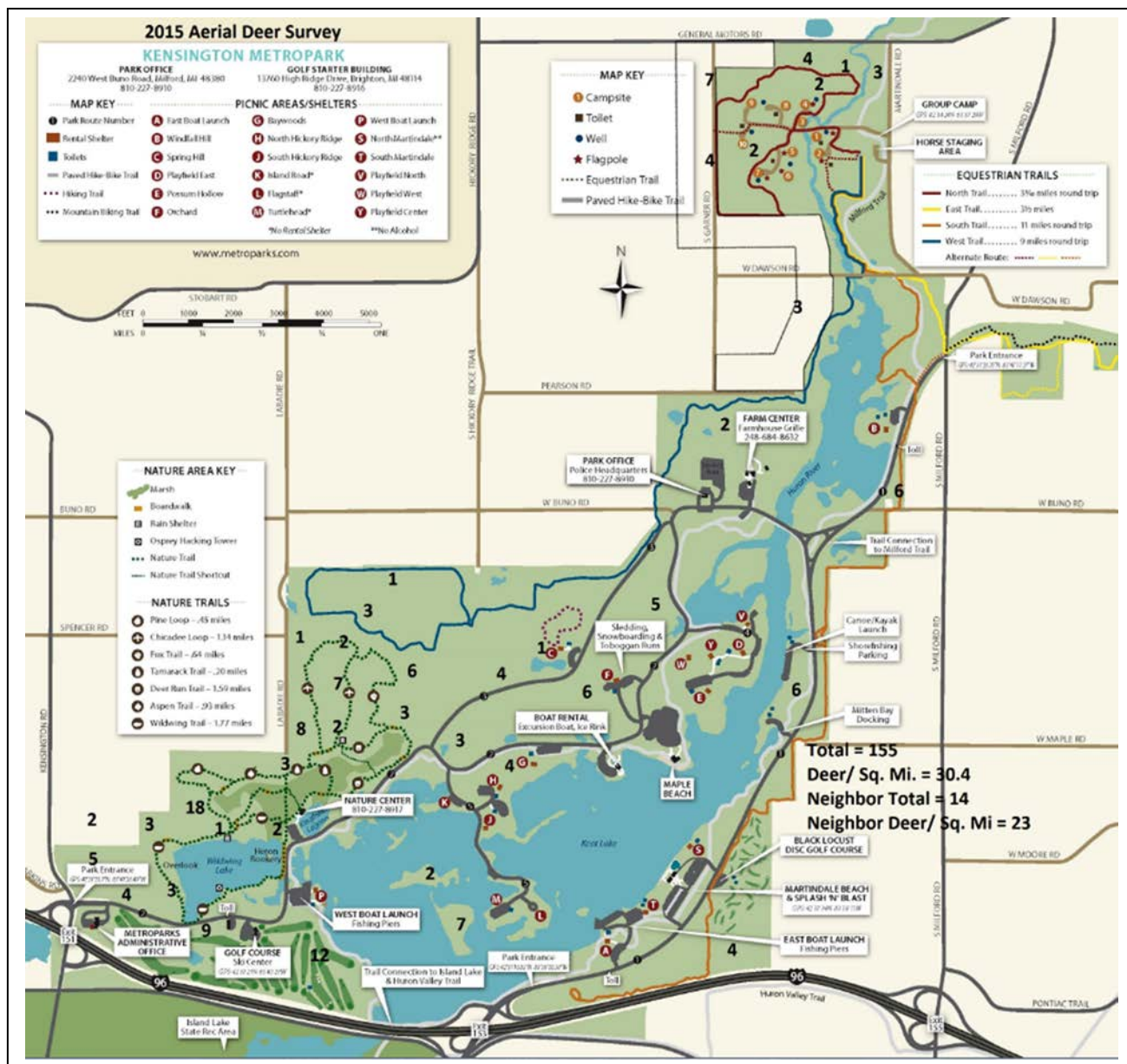
Several methods have been used in assessing the population of deer in the Metroparks:

- Aerial (helicopter) surveys – This method consists of several people (typically 4) flying over the park and visually counting deer. Optimal conditions for this method is after several inches of snowfall.
- Infrared surveys – In this method, a plane equipped with an infrared camera mounted on the underside of the plane flies over the park at night. The camera detects the heat generated from the deer and other heat-producing objects and animals. Measurements and calculations identify deer from other animals. This method is best done when the weather has turned cold and after the leaves have fallen off the trees.
- Visual monitoring – Metropark staff drive designated routes and count deer on a regular basis throughout the year. This information will continually be gathered and assessed to see what, if any, trends develop.
- Vegetation Monitoring – Used as a proxy for deer populations, vegetation monitoring allows HCMA to assess the impact deer are having on a given ecosystem.

The actual number of deer within an area is difficult to determine and can change daily as deer move throughout their natural range. Surveys typically reflect only a percentage of the population but produce valuable baseline population estimates of the approximate deer density. Visual monitoring provides a relative index as an indicator of deer densities or changes in deer abundance. It is also useful in the planning process to estimate deer populations when an actual survey isn't feasible. This estimating process is conducted in a consistent, scientific manner using the most recent survey data available.

Deer concentrations are surveyed annually in order to set management goals for the individual parks and determine necessary actions. Several methods have been used to gather this data; the most efficient survey method used is by helicopter. This method has been used each year since the beginning of the program. Surveys are typically conducted in January or February with sufficient snow cover (six inches +) to provide good visibility. Three spotters plus the pilot, fly approximately 1/8 mile

wide transects across the parks at a height of 500 to 700 feet depending on conditions. In 2015, 6.5 hours of flight time was logged with nearly 732 deer identified during the process.



The survey data is used in a population model to predict the herd size the following year. Indications are that approximately 80 percent of the deer are actually counted during aerial surveys. The 20 percent error is not factored into the prediction models, so actual population estimates are undoubtedly conservative. In general, a population density of around 15 deer per square mile is the preferred carrying capacity for habitats within the Metroparks. Currently, population densities average 22 deer per square mile (unadjusted) with the highest density at Hudson Mills Metropark with 62 deer per square mile.

	Area Size (sq. mile)	Population Estimate 2012/13	Population Estimate 2013/14	Population Estimate 2014/15	Ideal Population (15/sq.mi.)	Deer Removed 2013 / 2014	Population Reduction Goal 2014 / 2015	Deer Per Sq. Mile Estimate	Deer Removed to date 2014 / 2015		
						TOTAL			hunt	srpshoot	total
Stony Creek	6.2	115	109	115	93	16	22	19	22		22
Kensington	5.1	132	92	109	77	2	32	21		16	
Oakwoods	2.7	62	63	161	41	10	120	60		30	
Willow	2.4	14	20	35	36	0	-1	15			
Lower Huron	2	35	51	48	30	0	18	24			
Indian Springs	3.8	71	62	59	57	8	2	16			
Hudson Mills	2.4	42	59	149	36	11	113	62		30	
Huron Meadows	2.4	16	28	34	36	0	-2	14			
Lake Erie	2.5	40	57	104	38	0	66	42		27	
Wolcott Mill							TBD				
Lake St Clair							TBD				

It was determined by the MWMAC that a variety of control measures should be instituted the first two years to help determine the best method to harvest deer. Controlled deer harvests at Stony Creek using both firearms and archery were conducted by qualified volunteers from Metro Wildlife Management Base Inc. (MWMBI) in 1999. Archery was used exclusively by MWMBI at Hudson Mills in 1999. Only firearms were used by MWMBI at Stony Creek and Hudson Mills in 2000/2001. HCMA police officers trained as sharpshooters were used exclusively in reducing the herd in Kensington Metropark in both 1999/2000 and 2000/2001. The MWMAC concluded its' meetings after presenting its final findings to Metroparks staff in 1999. Over the lifetime of the Program, staff has determined that the efficiency of control measures varies from park to park, and works toward utilizing the most efficient and cost effective method available as allowed through the permits. The focus of this effort is to reduce the population by taking primarily antlerless deer. Antlered deer may be take when part of a group of antlerless deer, however all antlers must be given to the MDNR.

As of 2015, 3312 deer have been removed from the Metroparks. In total, over 130,000 pounds of venison was distributed to food banks throughout Michigan, providing more than 413,000 meals to those less fortunate. The Michigan Sportsmen Against Hunger program and other sportsmen volunteer organizations have regularly assisted in covering the cost of meat processing. The largest number of deer culled to date has been at Stony Creek Metropark with 1188. Kensington has had the second most deer culled at 846. The totals for the remaining parks are provided in the table below. Success at harvesting the determined number of deer is variable and dependent on weather conditions including snowfall and temperature.

Metropark Deer Removal									
Year	Kensington	Hudson Mills	Stoney Creek	Indian Springs	Huron Meadows	Oakwoods	Willow	Lake Erie	Lower Huron
2000/01	246	32	123	0	0	0	0	0	0
2001/02	93	58	96	0	0	0	0	0	0
2002/03	110	73	218	89	0	0	0	0	0
2003/04	33	35	82	37	47	91	0	0	0
2004/05	51	24	127	32	3	56	47	0	0
2005/06	44	30	139	12	5	44	6	0	0
2006/07	68	26	128	29	2	34	22	0	0
2007/08	37	0	93	30	0	18	25	0	0
2008/09	0	0	0	0	0	0	0	0	0
2009/10	62	0	18	26	0	26	4	0	15
2010/11	36	8	105	33	0	22	15	0	1
2011/12	27	0	0	22	13	24	0	0	1
2012/13	21	0	21	25	0	20	0	0	0
2013/14	2	11	16	8	0	10	0	0	0
2014/15	16	30	22	0	0	30	0	27	0
Totals	846	327	1188	343	70	375	119	27	17

Safety

Regardless of the harvesting technique utilized, safety is of utmost importance. Prior to each controlled hunt, qualified volunteers participate in an orientation, which reviews hunting and safety procedures, state regulations and HCMA requirements. For the hunt, the volunteers are placed in specific predetermined locations throughout the management area. Locations are spaced apart and shooting zones established to provide safety to the participants, employees and the surrounding landholders. Participants are allowed to take animals only within the shooting lanes specified. Once placed at a location, the volunteers must remain there until Metropark staff pick them up. Other hunting techniques have been explored and are possible but each specific technique would need to be reviewed and approved by the HCMA prior to initiation.

A sharpshooting team is comprised of Metropark Police officers who are trained marksman and a coordinating unit leader. The unit leader is responsible for directing other park rangers to secure areas of the park prior to harvesting operations, assigning the shooting teams and support vehicles to the culling site and dealing with public incidents. Each officer is in constant radio contact with all other members of the team and the unit leader. Shooting typically takes place from a platform over a baited area assuring a downward trajectory of the shot. Special ammunition designed to disintegrate upon impact is also used. All state mandated safety distances from occupied dwellings are adhered to as a minimum. With both culling methods, shots are placed toward the interior of the park, away from park boundaries, roadways, areas of the parks still open to the public and private property.

Animal Handling

Animals taken during the culling process are tagged and the sex and location where the animal was taken are documented as required by MDNR/HCMA. The animals are promptly taken back to a designated building where they are dressed out, and when required by the MDNR, biological data is taken. Animals are transported to a food processor approved by the MDNR and Michigan Department of Agriculture for final processing. The Michigan Sportsmen Against Hunger program and other sportsmen volunteer organizations have regularly assisted in covering the cost of meat processing and distribution of the venison to area food banks. Per deer, cost for removal varies from year to year depending on removal rates. An average total of \$30,500 has been budgeted over the past five years for wildlife management. Costs to remove deer through this program has ranged from \$595 per deer at the beginning of the program in 1999/2000 to an average of \$85 per deer over the last five years.

Biological Data

Biological data is taken from the deer during the Metropark culls. Initially, this included the age, sex and weight of the animal as well as blood samples, fat analysis and the observance of any parasites. Preliminary analysis from the MDNR indicated nutritional stress and herd productivity less than would be expected for a healthy well-fed deer herd in southern Michigan. Evidence of deer ticks was not found in a study conducted by the Oakland County Public Health and the Michigan Lyme Disease Association. Data continues to be collected on an annual basis, which consists of age, sex, weight, and reproductive rates.

SECTION 3

HCMA WHITE-TAILED DEER MANAGEMENT POLICY

Introduction

Managing white-tailed deer populations within the Huron-Clinton Metroparks is going to be a necessary part of managing the parks for the foreseeable future. As stewards of the parklands, if we are to repair and preserve the biodiversity within the parks, as well as maintain the health of the deer themselves, we must consider deer management as a necessary part of doing business.

The focus of the management effort is to reduce the population by taking primarily antlerless deer. As outlined in the MDNR permit, antlered deer may be taken when part of a group of antlerless deer. Individual animals that are recognized to be unique, unusual, or uncommon and hold value either biologically or socially, will not be targeted. These unique individuals, recognized as bringing added value to the Metroparks, will be protected for the public interest and enjoyment, or environmental/genetic diversity, unless determined by the Metroparks and/or MDNR to be detrimental to public or environmental (including deer or other plant or animal species) health, safety and welfare.

In considering a management plan, staff continues to build on the research work of the Metroparks Wildlife Management Advisory Committee, on 16 years of active management experience and on new research and information gathered on an annual basis. The first two years of managing deer showed that deer can be safely and efficiently removed using various lethal methods. It has since been determined that, depending on the physical properties or constraints of the park, weather conditions, and volunteer availability, that a combination of these methods should be considered to efficiently control numbers. Assessment of deer populations using various survey techniques, and monitoring of changes in the flora within the parks will continue throughout the program. Working with interested groups, staff will continue to research and evaluate the possible use of non-lethal measures and deterrents such as vegetative management strategies, repellants or fencing, which will all be considered under certain situations in this integrated deer management strategy.

Management Plan Goal

The goal of the plan to manage white-tailed deer is to maintain the biodiversity within the Metroparks, while maintaining a visible, healthy deer herd. As responsible stewards and managers of the natural resources within the Metroparks, the Authority is committed to maintaining healthy, natural ecosystems that support a diversity of flora and fauna for park guests to study and enjoy today and in the future.

Methods of Analyzing the Need to Control Deer

The decision to actively control deer in a particular park will be based on deer population assessments and on the condition and changes in flora and fauna of that park. Deer populations will continue to be assessed by using aerial counts from a helicopter and/or infrared survey from a plane depending on climatic and snow-cover conditions. Sample surveys along park roads will no longer be conducted as they have been found to be the least accurate method. Aerial counts will be done annually to establish reliable population trends.

Vegetation surveys will be conducted annually and flora changes will be analyzed by monitoring the deer exclosure plots and control plots that have been located in the parks. Established HCMA protocols for vegetation monitoring as well as photo monitoring will be utilized at points selected in various habitats of the parks. Plant flowering records and anecdotal reports compiled by the parks' interpreters and other park staff will also be compiled and analyzed.

The above metric will serve as a proxy for the biological carrying capacity (BCC) of an ecosystem is that number of deer that the system can support over an extended period without damaging that habitat beyond its capacity to recover or without changing its character. Social Carrying Capacity (SCC) is defined by both the maximum and minimum population sizes society will tolerate. That is, society may not tolerate too many deer, but it may not tolerate too few either. SCC is also defined by the interactions between humans and a wildlife species. A SCC for deer is defined by the level of abundance and interactions acceptable to enough stakeholders such that there is a low level of deer-related issues (Minnis and Peyton 1995)

The Metroparks Wildlife Management Advisory Committee (MWMAC) originally set a general Social Carrying Capacity for the Metroparks at 20-25 deer per square mile. Many wildlife biologists and ecologists recommend a Biological Carrying Capacity of approximately 15 deer per square mile. It is also recognized that land use, vegetation and deer population levels are not uniform throughout a park and the biological carrying capacities vary throughout the park. Given both the SCC and BCC goals, the Metroparks generally recommendations are to work toward a stable goal of 15 – 20 deer per square mile.

HCMA will consider actively controlling deer in a park when:

1. Population assessments show the density is greater than 15 - 20 deer per square mile;
2. Flora monitoring by HCMA professional naturalists and staff indicates that deer browsing is damaging the vegetation beyond its capacity to recover;
3. When available, biological data collected on park deer indicates that the deer population is under nutritional stress.

Methods of Controlling Deer

Currently, lethal removal of deer is the most practical way of controlling over abundant deer populations within the Metroparks. The MWMAC researched a number of methods for controlling deer populations in the Metroparks and concluded that non-lethal methods would not be effective in reducing deer populations given the large size of the parks, their open borders, the large numbers of deer, and the current state of technology of non-lethal methods such as immunocontraception, and sterilization. Further, the MDNR does not currently approve the use of these invasive non-lethal methods in the state. An integrated management strategy using the various forms of both non-lethal deterrents as well as the lethal removal methods that were successfully implemented in the first two years of active management at Kensington, Stony Creek and Hudson Mills Metroparks should be implemented. A combination of controlled firearm and archery hunts and sharpshooting proved to be safe, efficient and effective in decreasing deer numbers and to be acceptable politically. The continued use of volunteer services, when appropriate, to help conduct future controlled hunts will be encouraged. Modifications in methods of administering the controlled hunts and sharpshooting operations and in making personnel assignments for them, along with continued volunteer help, are expected to make the operations more effective and cost efficient.

Plan Implementation

The first two year's deer culling operations at Kensington, Stony Creek and Hudson Mills Metroparks showed that deer could be safely and effectively removed from the parks while minimizing the impact on other park uses and maintaining healthy populations at smaller numbers. However, it was clear from the outset that, it is not possible to achieve deer management goals in a couple years or on a sporadic basis, and that an effective population control objective will require long-term management efforts. The deer numbers in several parks continue to remain above the desired level of 15 deer per square mile, however indications are that the remedial effect of current management efforts on the parks' flora are very promising. Therefore, an integrated management strategy using a combination of control techniques including the mixture of lethal control methods employed should be continued to be used with the objective of reducing the population densities in any park requiring deer management to 15-20 deer per square mile. This would include using controlled hunting on specified days over the course of the fall during the statewide hunting season. These would be conducted with volunteer selected from the general public. Potential volunteers would be required to pass the shooting skills test as outlined in the current program before participating in controlled hunts.

Trained HCMA sharpshooters would be used to cull deer during the early winter months, after the statewide hunting season has closed, including parts of Kensington where hunting is not allowed due to Milford Township ordinances, as well as in other parks where plan goals have not been met earlier using controlled hunts. This combination of methods will give the flexibility needed to successfully reduce and then maintain deer numbers by allowing control operations to take place over several months.

The safety of the public, volunteers, participants and employees will remain the highest priority. All safety procedures, guidelines, State regulations and proficiency testing for volunteer participants as outlined in the current program will be strictly adhered to. Any deer removed under special permits

issued to the HCMA by the MDNR will continue to be donated to area food banks. Animal handling and processing procedures as outlined in the current program will continue. Active support from area volunteer organizations will continue to be sought to help defray the costs of processing the meat. As before, parks will be kept open to the public for general use as much as safely possible while these control measures are being implemented. All parks will continue to be monitored and active management strategies will be considered for implementation using the criteria mentioned earlier in this Management Plan. All necessary permits will be obtained from the MDNR before any deer management is implemented. Rolls and responsibilities of specific staff members, staff scheduling and processing procedures as outlined in the HCMA Deer Management Cull and Processing Procedures, 2008 shall be followed.

Plan Evaluation

The effectiveness of the deer management plan will be evaluated annually using the methods of analyzing stated previously. The methods used to control deer will also be evaluated and compared annually using criteria including: safety of the procedure; number of deer taken compared to the goal set for the park; cost to the HCMA per deer; number of days the park, or part of the park, is closed to other uses while control methods are implemented; the "loss rate" of deer; public reaction to the procedures, especially park users; reaction and comments by participants; and the number of volunteers and volunteer hours the method generates. Staff will develop a deer management report and report to the HCMA Board of Commissioners on a yearly basis.

Use of Sharpshooters

Only HCMA Police Officers are permitted as sharpshooters and only those offices specifically listed in the current MDNR Wildlife Damage Investigation and Control Permit are Authorized Sharpshooters. All procedures and protocols of the MDNR Wildlife Damage Investigation and Control Permit and the Metroparks Police Department Policies & Procedures Manual will be strictly followed. Failure to follow sharpshooter protocols and procedures, may result in the removal of the officer from the sharpshooting team and disciplinary action up to and including termination.

Training of Sharpshooters

Training of HCMA police officers as sharpshooters for use in deer management at the Metroparks takes place annually. The stated goals and objectives of this training are as follows:

- Safety and Operating System of the Rifle
- Safe functioning of the firearm system
- Maintenance requirements of the firearm system
- Specialized shooting skills required
- Shot placement
 - a. Safety is the number one concern
 - b. Insure no branches or obstructions are present which could deflect the shot
 - c. Positively identify the target
 - d. Confirm of the backstop and beyond
 - e. Consider the bullets path if the target is missed
 - f. The intended target is the brain cavity (think three dimensional when aiming)
 - g. If it's unsafe in any way, do not take the shot

Officers are trained to treat all guns as loaded and to never point firearms at something they are not willing to shoot. They are taught to keep their fingers off the trigger and outside of the trigger guard with the safety on until they are aimed at the target and ready to shoot. Lastly, they must positively identify their target and any potential hazards behind their target. For personal safety officers must wear personal protective gear whenever using firearms.

Training to take accurate shots involves an understanding of how breathing affects one's aim, how to properly site a target through a scope, proper technique for trigger control and the best shooting position to ensure accuracy. After learning how to properly take a shot, officers are trained in shot placement. This includes ensure a clear shooting path, where on the body to target deer, and when to and not to take a shot. Officers are responsible for the safe use of their firearm as well as its maintenance and upkeep to ensure a properly functioning firearm, which is critical to safety and

accuracy. Lastly, when training officers must prove proficiency at 25 yards, 50 yards, 100 yards, and 150 yards. If officers cannot achieve the necessary accuracy through initial training remedial work will be required.

Shooting During Management

Sharpshooting teams are comprised four officers and a unit leader. Additionally, officers are assigned as a security team with the responsibility of checking the area for patrons, closing appropriate roadways, and patrolling park boundaries. The team consist of a driver, an inside spotter who is responsible for documenting activity, a tower spotter, and a shooter. These positions rotate during the course of a shift which is approximately six hours. The unit leader is responsible for directing park police officers to secure areas of the park prior to harvesting operations, assigning the shooting teams and support vehicles to the culling site and dealing with public incidents. Spotters are responsible for sighting deer. When deer are located the shooter takes position in the tower and directs the vehicle into position so that a safe and accurate shot can be taken. Each police officer is in constant radio contact with all other members of the team and the unit leader. Any team member can call off the shot if there are any questions concerning safety, shooting angles and direction, back stops, and/or animal eligibility. Special ammunition designed to disintegrate upon impact is used. All state mandated safety distances from occupied dwellings are adhered to as a minimum. Shooting is restricted to head shots to reduce animal suffering and wounding, ensuring deer remain in the park after culling. All officers should follow safety procedures listed above, properly identify targets, and ensure it is safe to shoot before culling deer. If an animal is culled it will be retrieved by a pick-up team as soon as safety allows so that all culled deer are accounted for and properly processed. All shots taken by officers during deer management operations are recorded on the HCMA Deer Management Record Sheet.

Remedial Action

If any officer is unable to comply with safety and program rules as they relate to deer management the following remedial actions will be taken. This policy is adopted from the Metroparks Police Handbook section 8-1, specifically sub-section N. This handbook also contains additional safety and training information that is required for all Metroparks police officers (Section 8-1 - E.1.a.i, F.1.a i-v and c.i-iii, K, and L and Section 8-2). Regarding training, qualification, and compliance (N-O) the requirements read as follows:

N. TRAINING AND QUALIFICATION:

1. This Department is committed to the belief that increased training enhances professionalism and decreases the likelihood of injury, to both the officer and the subject. Because of this commitment, appropriate training in the proper use of Department issued and/or authorized weapons is considered mandatory as defined in the Training Policy found elsewhere in this manual.
2. Continued proficiency in defensive tactics techniques and the use of issued/authorized weapons is recognized as a required job skill, necessary to continued employment as a police officer.
3. Failure to successfully complete the required training at the required frequencies, or inability to demonstrate proficiency in the use of any issued/authorized weapon, will result in one or both of the following administrative actions:
 - a. The revocation of authorization to carry or use the weapon in question.
 - b. Discipline, up to and including discharge.
 - c. Prior to resorting to disciplinary action, the Department will take whatever reasonable steps are necessary to provide the officer with additional or remedial training so that the required level of proficiency can be achieved.

O. COMPLIANCE:

Violations of this policy, or portions thereof, may result in disciplinary action up to and including termination.

REFERENCES

Michigan Deer Management Plan - Michigan Department of Natural Resources and Environment, Wildlife Division Report No. 3512, May 1, 2010

A Review of Deer Management in Michigan – Michigan Department of Natural Resources, September 2009

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Appendix 1: Deer Management Cull and Processing Procedures

Introduction

The population of white-tailed deer has increased dramatically throughout southeast Michigan including the Metropark system. This growth can be attributed to many factors including the deer's own high reproductive rate, the absence of natural predators and the restriction of open hunting on park property. At high densities, deer have placed a heavy burden on the natural communities by reducing species diversity of both plants and other wildlife as well as impairing forest regeneration. As responsible stewards and managers of the natural resources within the Metroparks, it's imperative to maintain the natural environments that support a diversity of flora and fauna for park guests to enjoy and study today and into the future. In order to do so, a deer management plan was initiated with board approval in 2001. The goal of this plan is to manage white-tailed deer populations to maintain biodiversity within the Metroparks, while maintaining a healthy, visible deer herd, and to do so in a safe, humane and efficient manner.

Purpose

To actively manage the Metroparks white-tailed deer population using a variety of control measures in order to promote biodiversity within the park system, while maintaining a healthy visible deer herd and to do so in a safe, humane and efficient manner as outlined in the HCMA White-Tailed Deer Management Report and Proposed Policy as accepted by the HCMA Board of Commissioners, May 2001 and revised July 2015.

Scope All HCMA Metroparks

Responsibilities

Chief of Police or designee

- To insure public safety and the safety of Metropark employees during deer management operations.
- In cooperation with the Manager of Natural Resources and Environmental Compliance, to facilitate the organization of sharp shooting activities, determine dates and times of sharp shooting and the utilization of police and park staff during culling operations.
- To insure that park facilities are secured from the public and Metropark employees who are not involved in the cull or processing operation during scheduled culling operations.
- To be responsible for all sharp shooting field operations to insure that all deer are taken in a safe and humane manner.
- To oversee sharp shooting transport teams to insure all deer are removed as to minimize any public attention to the program.
- To maintain permits for Michigan special weapons training for police staff involved in sharp shooting activities, and all other permits or certification required to maintain sharp shooting operations.

District Park Superintendent

- Schedule or assign employees as necessary for deer management operations.
- Notify park personnel of scheduled times and dates of controlled hunts, sharp shooting activities and related processing activity.
- In cooperation with the Manager of Natural Resources and Environmental Compliance, to facilitate the assistance of volunteer organizations, determine dates and times of controlled hunts and utilization of park staff during culling operations.
- In cooperation with the Chief of Police or designee, to prepare park for controlled hunts or sharp shooting activities by closing the park in order to facilitate the cull without jeopardizing public safety.
- To insure that park equipment, facilities and other required resources are available and properly equipped for deer management operations including hunter / sharp shooter support, transportation, processing and waste disposal.
- Re-schedule or reassign any employee whose work area may be adversely affected by deer management operations.

- To notify all adjacent property owners and the local municipality of the intent of the Metroparks to conduct deer management operations.
- To track all employee and equipment costs associated with deer management activities and submit that information to the Deputy Director as requested.

Manager of Natural Resources and Environmental Compliance

- To work with the Michigan Department of Natural Resources (MDNR) to establish specifications and guidelines and to secure permits each year for controlled hunts and sharp shooting operations.
- To produce population estimates / survey data to establish animal reduction goals.
- In cooperation with the Interpretive Services Manager and the MDNR, to prepare and conduct annual population surveys and collection of bio-data.
- In cooperation with the Interpretive Services Manager, to establish guidelines for and conduct vegetative surveys throughout the park system.
- To collect data, track trends, provide accounting of permits and process and prepare activity reports as required by the MDNR.
- In cooperation with the District Park Superintendents, to facilitate the assistance of volunteer organizations, determine dates and times of controlled hunts and utilization of park staff during cull operations.
- In cooperation with the Chief of Police or designee, to facilitate the organization of sharp shooting activities, determine dates and times of sharp shooting and utilization of police and other park staff during cull operations.
- To facilitate and oversee all controlled hunting and sharp shooting activities, cleaning and disposition of deer and other related activities.
- To prepare and present annual Deer Management Report to the HCMA Board of Commissioners as determined by the Director.

Interpretive Services Manager

- In cooperation with the Manager of Natural Resources and Environmental Compliance and the MDNR, to prepare and conduct annual population surveys and collection of bio-data.
- In cooperation with the Manager of Natural Resources and Environmental Compliance, to establish guidelines for and conduct vegetative surveys throughout the park system and to submit an annual report of the findings to the Manager of Natural Resources and Environmental Compliance and Deputy Director.
- In cooperation with the Manager of Natural Resources and Environmental Compliance, to provide guidelines, data and information to promote biodiversity within the park system.
- In cooperation with the Manager of Natural Resources and Environmental Compliance, develop and maintain an educational component from the culling activities, so as to help the people of southeast Michigan gain a better understanding of objectives and long term benefits of this stewardship policy.

Procedures

Scheduling

- The District Park Superintendent, in cooperation with the Manager of Natural Resources and Environmental Compliance, the volunteer sportsman organizations and as approved by the Director, will determine dates and times of controlled hunts and utilization of park staff during culling operations.
- The Chief of Police or designee, in cooperation with the Manager of Natural Resources and Environmental Compliance and as approved by the Director, will determine dates and times of sharp shooting and the utilization of police and park staff during culling operations.
- The selection and scheduling of volunteers participating in the controlled hunts will be the responsibility of the supporting volunteer organization. All matters pertaining to securing volunteers, maintaining a volunteer data base, selecting volunteers to hunt, proficiency testing of the volunteers and other related issues is the responsibility of the supporting volunteer organization.

- The scheduling of police officers participating in the sharp shooting operations is the sole responsibility of the Chief of Police or designee.
- The scheduling of employees as support personnel is the sole responsibility of the District Park Superintendent. Those individuals involved in hunter drop off/pickup, assist in animal recovery, animal processing and transport are considered support personnel. Support teams will be comprised of no more than two employees per transport truck for recovery and transport activities. Shooting teams and supervisors will assist in recovery and transport duties during sharp shooting activities. The use of volunteers from the sponsoring volunteer groups is encouraged during the recovery portion of the controlled hunts.

Notification

- The District Park Superintendent will notify all adjacent property owners and the local municipality of the intent of the Metroparks to conduct deer management operations.
- The District Park Superintendent will inform employees of their assigned duties for deer management operations as well as those employees whose job may be affected by the operation, no less than 24 hours in advance that a deer management operation will be taking place.

Times of Hunt

- Deer management operations will take place October thru February of each year or as otherwise allowed by the MDNR. Various methods of removal will be utilized during the controlled hunting portion of this operation. All methods, type of activity and times of hunting will follow the State of Michigan guidelines as determined by the MDNR or otherwise permitted by the MDNR. Sharp shooting activities may occur at any time within a 24-hour period and within the guidelines and limitations as stated by the Wildlife Damage Investigation and Control Permit issued by the MDNR or as otherwise permitted by the MDNR.

Processing

- Initial processing of deer will take place in heated, well lit areas. Processing teams will consist of no more than three employees. The use of volunteers from the supporting sportsman groups is encouraged. During the processing procedure, every attempt should be made to keep a safe and organized work space. Deer remains should be removed from the work space on a regular basis. All remains from the processing procedure shall be disposed of in an approved, lined waste container and shall be disposed of off-site by a regulated, licensed waste hauler in a timely manner. The District Park Superintendent shall be responsible for arranging waste removal. Those facilities connected to sanitary sewer should be washed down frequently during processing. Those facilities not connected to sanitary sewer will employ the use of plastic or other non-porous floor covering along with an absorbent material to be used liberally during the processing to insure safe working conditions. Plastic gloves and Tyvec suits (or equivalent) shall be made available to employees involved in the processing procedure.
- Washing down processing areas into storm drains is strictly prohibited.
- All antlers collected during processing will be retained by the Manager of Natural Resources and Environmental Compliance and subsequently given to the MDNR for disposal.

Transportation

- After initial processing, all deer shall be hung to cool in a cool/cold dry environment until transported to the meat processor. Transportation will take place in an approved covered trailer or a clean covered truck. Every attempt shall be made to keep the deer clean and dry during the transportation process. All deer shall be transported to the processor the following morning and/or no later than 24 hours after the animal was taken. The meat processor shall be contacted by the District Park Superintendent 24 hours in advance to arrange delivery time. Selection of a USDA approved meat processor will be the responsibility of the Manager of Natural Resources and Environmental Compliance or as permitted by the MDNR.

Quarantined Areas

- Those areas within the park system that are closed for controlled hunting, sharp shooting activities and those areas used for support/processing shall remain off limits to all members of the public and to all employees unless otherwise authorized by the Director, Chief of Police or designee, Manager of Natural Resources and Environmental Compliance or District Park Superintendent until all activities, including processing and cleanup are completed. Employees not involved in the deer management activities but are affected by the management activities taking place in their work space during regularly scheduled work time, may upon request, be reassigned to other areas of the park to perform other duties as assigned by the Park Superintendent.

Bio-Data Collection

- When required by the MDNR or Manager of Natural Resources and Environmental Compliance, bio-data will be collected during the processing procedure. It will be the responsibility of the Manager of Natural Resources and Environmental Compliance or the Interpretive Services Manager to arrange for staff or contracted personnel to collect and record such data. Bio-data will be used to help determine the success of the program, potential disease threats and general health of the deer herd. The MDNR may at times require parts of the deer to be made available to them for further disease testing. When required, those items will be gathered by the individuals collecting data, bagged in a sealable plastic container and stored with the deer awaiting transport or other suitable area away from normal maintenance activities or exposure to employees during their normal working day, until transportation can be arranged to a MDNR facility.

Miscellaneous

- It is intended that any employee involved in the deer management process does so voluntarily. It is recognized that duties assigned and the hours worked in this process can be unusual and arduous and should be undertaken by the employees own accord. It is also intended that when deer management duties are assigned, that they are considered a normal part of the employees work week and that paid overtime will not normally be available.
- At no time will photographs or digital images of any kind be allowed to be taken of the deer management process.
- Any volunteer taking part in the controlled hunts must pass a minimum proficiency test arranged by the supporting sportsman group. Results of the testing will be made available to the Manager of Natural Resources and Environmental Compliance and District Park Superintendent on request.
- Media questions about deer management should be referred to the Director who will then determine who best to respond.

PARK	MONTHLY VEHICLE ENTRIES			
	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St Clair	76,547	62,133	69,323	10%
Wolcott Mill	7,468	7,908	5,404	38%
Stony Creek	92,855	82,832	85,863	8%
Indian Springs	12,109	14,501	13,665	-11%
Kensington	111,637	104,059	100,111	12%
Huron Meadows	9,828	9,257	9,573	3%
Hudson Mills	29,099	30,195	29,749	-2%
Lower Huron/Willow/Oakwoods	78,609	76,416	75,121	5%
Lake Erie	31,185	26,342	29,414	6%
Monthly TOTALS	449,337	413,643	418,223	7%

MONTHLY TOLL REVENUE			
Current	Previous	Prev 3 Yr Avg	Change from Average
\$ 280,378	\$ 221,352	\$ 203,708	38%
\$ 337,452	\$ 252,067	\$ 238,061	42%
\$ 38,714	\$ 35,408	\$ 27,273	42%
\$ 325,308	\$ 250,007	\$ 211,350	54%
\$ 2,554	\$ 1,940	\$ 2,378	7%
\$ 66,647	\$ 61,757	\$ 48,387	38%
\$ 222,685	\$ 187,746	\$ 171,367	30%
\$ 95,607	\$ 62,819	\$ 62,621	53%
\$ 1,369,345	\$ 1,073,096	\$ 965,146	42%

PARK	Y-T-D VEHICLE ENTRIES			
	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St Clair	238,841	228,890	249,947	-4%
Wolcott Mill	22,506	27,682	24,072	-7%
Stony Creek	309,328	321,459	330,567	-6%
Indian Springs	50,204	50,674	54,157	-7%
Kensington	465,945	442,768	457,579	2%
Huron Meadows	44,295	50,607	48,176	-8%
Hudson Mills	115,158	125,793	134,425	-14%
Lower Huron/Willow/Oakwoods	300,443	303,855	307,684	-2%
Lake Erie	98,125	97,646	111,295	-12%
Monthly TOTALS	1,644,845	1,649,374	1,717,902	-4%

Y-T-D TOLL REVENUE			
Current	Previous	Prev 3 Yr Avg	Change from Average
\$ 892,739	\$ 891,737	\$ 804,178	11%
\$ 1,354,754	\$ 1,391,960	\$ 1,207,243	12%
\$ 183,971	\$ 182,583	\$ 162,524	13%
\$ 1,396,172	\$ 1,330,018	\$ 1,143,677	22%
\$ 42,850	\$ 42,270	\$ 30,544	40%
\$ 307,881	\$ 335,133	\$ 288,111	7%
\$ 582,434	\$ 608,332	\$ 540,516	8%
\$ 358,825	\$ 367,037	\$ 328,550	9%
\$ 5,119,626	\$ 5,149,069	\$ 4,505,342	14%

PARK	MONTHLY PARK REVENUE			
	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St Clair	\$ 446,277	\$ 319,817	\$ 323,434	38%
Wolcott Mill	\$ 72,903	\$ 76,491	\$ 69,868	4%
Stony Creek	\$ 708,707	\$ 535,546	\$ 502,852	41%
Indian Springs	\$ 194,477	\$ 177,133	\$ 144,007	35%
Kensington	\$ 765,329	\$ 570,015	\$ 514,413	49%
Huron Meadows	\$ 142,903	\$ 124,008	\$ 111,733	28%
Hudson Mills	\$ 175,877	\$ 152,106	\$ 135,057	30%
Lower Huron/Willow/Oakwoods	\$ 841,230	\$ 649,235	\$ 660,375	27%
Lake Erie	\$ 393,527	\$ 287,667	\$ 293,086	34%
Y-T-D TOTALS	\$3,741,230	\$ 2,892,018	\$ 2,754,825	36%

Y-T-D PARK REVENUE			
Current	Previous	Prev 3 Yr Avg	Change from Average
\$ 1,425,722	\$ 1,185,082	\$ 1,130,121	38%
\$ 273,608	\$ 291,116	\$ 295,088	-7%
\$ 2,366,705	\$ 2,380,941	\$ 2,153,275	10%
\$ 663,471	\$ 663,399	\$ 611,447	9%
\$ 2,555,655	\$ 2,358,610	\$ 2,130,867	20%
\$ 435,942	\$ 463,507	\$ 436,330	0%
\$ 644,050	\$ 657,744	\$ 600,179	7%
\$ 1,652,305	\$ 1,721,055	\$ 1,665,421	-1%
\$ 1,044,490	\$ 1,109,845	\$ 1,076,258	-3%
\$11,061,948	\$ 10,831,298	\$ 10,098,985	10%

District	Y-T-D Vehicle Entries by Management Unit			
	Current	Previous	Prev 3 Yr Avg	Change from Average
Eastern	570,675	578,031	604,586	-6%
Western	675,602	669,842	694,337	-3%
Southern	398,568	401,501	418,979	-5%

Y-T-D Total Revenue by Management Unit			
Current	Previous	Prev 3 Yr Avg	Change from Average
4,066,035	3,857,139	3,578,483	14%
4,299,118	4,143,260	3,778,823	14%
2,696,795	2,830,900	2,741,679	-2%

GOLF THIS MONTH	MONTHLY ROUNDS			
	Current	Previous	Prev 3 Yr Avg	Change from Average
Wolcott Mill	2,862	3,079	2,986	-4%
Stony Creek	5,765	6,117	6,115	-6%
Indian Springs	4,876	4,958	4,419	10%
Kensington	5,915	5,190	5,323	11%
Huron Meadows	4,918	4,142	4,185	18%
Hudson Mills	3,344	3,090	2,952	13%
Willow	4,391	4,522	3,553	24%
Lake Erie	4,848	4,618	4,075	19%
Total Regulation	36,919	35,716	33,606	10%
LSC Par 3	1,730	1,775	2,197	-21%
LSC Foot Golf	284	0	0	-
L. Huron Par 3	1,118	1,237	1,256	-11%
L. Huron Foot Golf	140	0	0	-
Total Golf	40,191	38,728	37,059	8%

MONTHLY REVENUE			
Current	Previous	Prev 3 Yr Avg	Change from Average
\$ 67,891	\$ 58,708	\$ 57,056	19%
\$ 184,099	\$ 130,073	\$ 135,381	36%
\$ 118,049	\$ 109,595	\$ 99,858	18%
\$ 138,647	\$ 120,939	\$ 125,362	11%
\$ 124,718	\$ 103,771	\$ 101,378	23%
\$ 66,179	\$ 55,885	\$ 54,221	22%
\$ 96,326	\$ 93,173	\$ 78,876	22%
\$ 123,649	\$ 81,037	\$ 75,121	65%
\$ 919,556	\$ 753,181	\$ 727,253	26%
\$ 13,611	\$ 10,742	\$ 12,508	9%
\$ 1,652	\$ -	\$ -	-
\$ 6,787	\$ 7,208	\$ 6,994	-3%
\$ 992	\$ -	\$ -	-
\$ 942,598	\$ 771,131	\$ 746,755	26%

GOLF Y-T-D	GOLF ROUNDS Y-T-D			
	Current	Previous	Prev 3 Yr Avg	Change from Average
Wolcott Mill	8,053	7,513	8,948	-10%
Stony Creek	17,416	17,271	19,571	-11%
Indian Springs	14,167	14,026	14,306	-1%
Kensington	17,677	15,604	18,101	-2%
Huron Meadows	14,931	12,456	13,972	7%
Hudson Mills	10,139	9,141	8,756	16%
Willow	12,357	12,055	11,558	7%
Lake Erie	14,369	13,394	13,301	8%
Total Regulation	109,109	101,460	108,513	1%
LSC Par 3	3,979	5,090	6,845	-42%
LSC Foot Golf	780	0	0	-
L. Huron Par 3	2,689	3,178	3,652	-26%
L. Huron Foot Golf	322	0	0	-
Total Golf	116,879	109,728	119,010	-2%

GOLF REVENUE Y-T-D			
Current	Previous	Prev 3 Yr Avg	Change from Average
\$ 188,320	\$ 151,866	\$ 176,786	7%
\$ 532,313	\$ 488,516	\$ 533,056	0%
\$ 333,968	\$ 345,162	\$ 350,841	-5%
\$ 417,137	\$ 382,349	\$ 438,861	-5%
\$ 309,564	\$ 340,574	\$ 361,909	-14%
\$ 197,411	\$ 187,215	\$ 182,719	8%
\$ 274,025	\$ 300,179	\$ 291,856	-6%
\$ 372,547	\$ 305,657	\$ 316,564	18%
\$ 2,625,285	\$ 2,501,518	\$ 2,652,594	-1%
\$ 29,393	\$ 31,222	\$ 38,628	-24%
\$ 4,701	\$ -	\$ -	-
\$ 17,284	\$ 20,084	\$ 21,219	-19%
\$ 2,250	\$ -	\$ -	-
\$ 2,678,913	\$ 2,552,824	\$ 2,712,441	-1%

AQUATICS THIS MONTH	PATRONS THIS MONTH			
	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St. Clair	26,722	12,865	16,683	60%
KMP Splash	22,097	15,053	17,651	25%
Lower Huron	42,739	28,689	38,258	12%
Willow	10,688	6,980	7,819	37%
Lake Erie	19,129	12,958	15,035	27%
TOTALS	121,375	76,545	95,447	27%

MONTHLY REVENUE			
Current	Previous	Prev 3 Yr Avg	Change from Average
\$ 106,636	\$ 51,376	\$ 59,638	79%
\$ 118,073	\$ 65,886	\$ 70,527	67%
\$ 359,313	\$ 237,861	\$ 273,046	32%
\$ 37,881	\$ 24,206	\$ 27,396	38%
\$ 133,119	\$ 64,154	\$ 75,679	76%
\$ 755,022	\$ 443,483	\$ 506,287	49%

AQUATICS Y-T-D	PATRONS Y-T-D			
	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St. Clair	35,511	28,555	32,672	9%
KMP Splash	30,095	30,006	32,987	-9%
Lower Huron	59,823	58,469	69,325	-14%
Willow	14,011	12,989	14,194	-1%
Lake Erie	25,126	28,937	29,628	-15%
TOTALS	164,566	158,956	178,806	-8%

REVENUE Y-T-D			
Current	Previous	Prev 3 Yr Avg	Change from Average
\$ 141,593	\$ 113,777	\$ 115,641	22%
\$ 162,627	\$ 132,619	\$ 131,026	24%
\$ 475,399	\$ 479,983	\$ 492,311	-3%
\$ 48,604	\$ 45,497	\$ 48,730	0%
\$ 179,916	\$ 139,438	\$ 148,865	21%
\$ 1,008,139	\$ 911,314	\$ 936,573	8%

PARK	Seasonal Activities this Month			
	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St. Clair				
Welsh Center	6	4	6	0%
Shelters	118	117	138	-14%
Boat Launches	1,289	1,032	1,487	-13%
Marina	931	684	700	33%
Mini-Golf	2,871	2,711	2,832	1%
Wolcott				
Activity Center	13	17	14	-5%
Stony Creek				
Disc Golf Daily	3,090	3,650	3,378	-9%
Disc Golf Annual	2	1	2	20%
Total Disc Golf	3,092	3,651	3,380	-9%
Shelters	36	32	43	-17%
Boat Rental	6,544	4,702	5,237	25%
Boat Launches	587	377	476	23%
Indian Springs				
Shelters	13	16	8	70%
Event Room	974	1,176	1,232	-21%
Kensington				
Disc Golf Daily	3,939	5,301	4,819	-18%
Disc Golf Annual	2	0	1	50%
Total Disc Golf	3,941	5,301	4,820	-18%
Shelters	56	37	46	23%
Boat Rental	9,688	5,166	4,536	114%
Huron Meadows				
Shelters	1	1	2	-40%
Hudson Mills				
Disc Golf Daily	1,418	2,078	2,078	-32%
Disc Golf Annual	4	0	2	140%
Total Disc Golf	1,422	2,078	2,080	-32%
Shelters	9	15	15	-41%
Canoe Rental	1,989	1,750	1,890	5%
Lower Huron / Willow / Oakwoods				
Shelters	32	21	30	7%
Lake Erie				
Shelters	12	5	9	38%
Boat Launches	2,430	2,013	2,431	0%
Marina	17	18	16	2%

Monthly Revenue			
Current	Previous	Prev 3 Yr Avg	Change from Average
\$ 4,300	\$ 2,700	\$ 1,800	139%
\$ 7,575	\$ 7,690	\$ 7,441	2%
\$ -	\$ -	\$ -	-
\$ 6,783	\$ 5,130	\$ 6,707	1%
\$ 10,300	\$ 9,533	\$ 8,866	16%
\$ 950	\$ 750	\$ 615	54%
\$ 9,270	\$ 7,295	\$ 6,794	36%
\$ 60	\$ 50	\$ 67	-10%
\$ 9,330	\$ 7,345	\$ 6,861	36%
\$ 7,200	\$ 6,400	\$ 8,120	-11%
\$ 65,554	\$ 40,176	\$ 43,941	49%
\$ -	\$ -	\$ -	-
\$ 950	\$ 1,400	\$ 850	12%
\$ 9,424	\$ 5,760	\$ 5,685	66%
\$ 11,408	\$ 10,601	\$ 9,639	18%
\$ 100	\$ -	\$ 60	67%
\$ 11,508	\$ 10,601	\$ 9,699	19%
\$ 12,700	\$ 9,350	\$ 8,900	43%
\$ 83,912	\$ 62,126	\$ 54,987	53%
\$ 200	\$ 200	\$ 300	-33%
\$ 4,254	\$ 4,156	\$ 4,156	2%
\$ 200	\$ -	\$ 77	161%
\$ 4,454	\$ 4,156	\$ 4,233	5%
\$ 1,800	\$ 3,000	\$ 2,750	-35%
\$ 8,763	\$ 8,909	\$ 8,758	0%
\$ 6,750	\$ 4,550	\$ 4,833	40%
\$ 2,500	\$ 1,100	\$ 1,583	58%
\$ -	\$ -	\$ -	-
\$ 35,615	\$ 34,266	\$ 34,161	4%

PARK	Seasonal Activities Y-T-D			
	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St. Clair				
Welsh Center	48	28	37	31%
Shelters	362	205	258	40%
Boat Launches	3,072	3,138	4,017	-24%
Marina	1,565	1,823	1,723	-9%
Mini-Golf	5,872	6,226	6,436	-9%
Wolcott				
Activity Center	66	75	63	4%
Stony Creek				
Disc Golf Daily	12,135	13,627	16,219	-25%
Disc Annual	105	53	69	52%
Total Disc Golf	12,240	13,680	16,288	-25%
Shelters	308	306	341	-10%
Boat Rental	10,061	11,033	11,236	-10%
Boat Launches	1,115	1,282	1,387	-20%
Indian Springs				
Shelters	58	59	46	25%
Event Room	3,404	4,562	4,067	-16%
Kensington				
Disc Golf Daily	15,966	19,381	20,376	-22%
Disc Annual	198	96	106	86%
Total Disc Golf	16,164	19,477	20,483	-21%
Shelters	397	357	383	4%
Boat Rental	14,245	11,974	10,006	42%
Huron Meadows				
Shelters	22	14	22	-1%
Hudson Mills				
Disc Golf Daily	6,962	8,207	9,848	-29%
Disc Annual	159	109	119	34%
Total Disc Golf	7,121	8,316	9,967	-29%
Shelters	86	95	114	-25%
Canoe Rental	2,453	3,352	3,418	-28%
Lower Huron / Willow / Oakwoods				
LH Shelters	214	213	270	-21%
Lake Erie				
Shelters	63	58	77	-19%
Boat Launches	8,546	7,982	9,819	-13%
Marina	23	31	29	-21%

Seasonal Revenue Y-T-D			
Current	Previous	Prev 3 Yr Avg	Change from Average
\$ 27,750	\$ 10,750	\$ 12,867	116%
\$ 57,810	\$ 52,520	\$ 56,610	2%
\$ -	\$ -	\$ -	-
\$ 11,758	\$ 12,173	\$ 14,690	-20%
\$ 20,969	\$ 22,262	\$ 20,555	2%
\$ 12,550	\$ 12,120	\$ 11,008	14%
\$ 41,055	\$ 27,219	\$ 30,869	33%
\$ 4,710	\$ 2,550	\$ 3,053	54%
\$ 45,765	\$ 29,769	\$ 33,922	35%
\$ 61,600	\$ 61,600	\$ 62,373	-1%
\$ 115,158	\$ 94,991	\$ 95,173	21%
\$ -	\$ -	\$ -	-
\$ 6,750	\$ 8,400	\$ 7,467	-10%
\$ 41,052	\$ 36,800	\$ 38,295	7%
\$ 47,464	\$ 38,760	\$ 40,689	17%
\$ 6,521	\$ 4,475	\$ 4,904	33%
\$ 53,985	\$ 43,235	\$ 45,593	18%
\$ 89,375	\$ 81,295	\$ 73,598	21%
\$ 141,693	\$ 142,506	\$ 119,946	18%
\$ 4,400	\$ 2,800	\$ 3,950	11%
\$ 20,886	\$ 16,414	\$ 19,696	6%
\$ 7,730	\$ 5,050	\$ 5,600	38%
\$ 28,616	\$ 21,464	\$ 25,296	13%
\$ 17,200	\$ 19,000	\$ 20,567	-16%
\$ 11,931	\$ 15,966	\$ 15,619	-24%
\$ 46,800	\$ 46,750	\$ 49,447	-5%
\$ 13,400	\$ 30,300	\$ 19,592	-32%
\$ -	\$ -	\$ -	-
\$ 108,643	\$ 117,063	\$ 121,285	-10%

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	14,213	16,450	13,847	3%		81,364	78,807	80,356	1%
Wolcott Mill	2,940	3,823	3,542	-17%		16,578	19,680	19,710	-16%
Wolcott Farm	6,215	7,779	8,454	-26%		48,893	62,005	65,710	-26%
Stony Creek	18,292	17,467	17,218	6%		98,820	87,333	91,195	8%
Indian Springs	3,666	10,942	8,306	-56%		50,363	62,279	59,330	-15%
Kens NC	24,681	25,978	25,546	-3%		157,261	153,864	154,996	1%
Kens Farm	19,697	20,874	20,792	-5%		164,149	173,892	177,540	-8%
Mobile Center	3,118	1,081	1,751	78%		21,840	13,629	16,901	29%
Hudson Mills	3,884	3,916	3,950	-2%		29,609	28,103	27,809	6%
Oakwoods	15,362	14,038	13,513	14%		73,866	80,552	79,068	-7%
Lake Erie	7,838	13,854	11,857	-34%		28,172	81,114	63,444	-56%
Totals	119,906	136,202	128,776	-7%		770,915	841,258	836,061	-8%

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	\$ 2,874	\$ 1,218	\$ 1,337	115%	\$ 19,319	\$ 15,113	\$ 14,191	36%
Wolcott Mill	\$ 852	\$ -	\$ 401	112%	\$ 10,552	\$ 5,599	\$ 5,163	104%
Wolcott Farm	\$ 2,452	\$ 1,589	\$ 1,681	46%	\$ 39,195	\$ 35,191	\$ 37,181	5%
Wagon Rides	\$ 101	\$ 282	\$ 132	-23%	\$ 3,029	\$ 4,093	\$ 2,568	18%
Livestock/Produce	\$ 657	\$ 2,017	\$ 2,107	-69%	\$ 19,962	\$ 30,640	\$ 29,178	-32%
FARM TOTAL	\$ 3,210	\$ 3,888	\$ 3,919	-18%	\$ 62,186	\$ 69,924	\$ 68,927	-10%
Stony Creek	\$ 3,787	\$ 2,341	\$ 1,966	93%	\$ 18,294	\$ 15,662	\$ 17,535	4%
Indian Springs	\$ 3,574	\$ 1,750	\$ 1,927	85%	\$ 25,463	\$ 24,751	\$ 26,715	-5%
Kens NC	\$ 1,896	\$ 1,623	\$ 2,000	-5%	\$ 16,312	\$ 16,115	\$ 15,097	8%
Kens Farm	\$ 5,283	\$ 3,634	\$ 2,312	129%	\$ 41,997	\$ 35,120	\$ 34,553	22%
Wagon Rides	\$ 1,095	\$ 2,290	\$ 2,037	-46%	\$ 2,320	\$ 15,895	\$ 14,429	-84%
Livestock/Produce	\$ 1,201	\$ 1,027	\$ 790	52%	\$ 12,251	\$ 9,930	\$ 9,016	36%
FARM TOTAL	\$ 7,579	\$ 6,951	\$ 5,138	48%	\$ 56,568	\$ 60,945	\$ 57,999	-2%
Mobile Center	\$ 1,527	\$ 1,725	\$ 2,020	-24%	\$ 13,342	\$ 12,388	\$ 11,850	13%
Hudson Mills	\$ 638	\$ 825	\$ 1,030	-38%	\$ 10,303	\$ 9,543	\$ 10,567	-2%
Oakwoods	\$ 1,302	\$ 917	\$ 1,341	-3%	\$ 10,336	\$ 10,146	\$ 10,031	3%
Lake Erie	\$ 599	\$ 658	\$ 1,015	-41%	\$ 7,531	\$ 5,172	\$ 6,789	11%
Totals	\$ 27,838	\$ 21,896	\$ 22,095	26%	\$ 250,205	\$ 245,357	\$ 244,862	2%

BREAKDOWN OF ATTENDANCE	ON-SITE Programs and Attendance			
	CURRENT YEAR		PREVIOUS YEAR	
	Programs	Attendance	Programs	Attendance
Lake St Clair	31	792	50	1,157
Wolcott Mill	10	657	5	826
Wolcott Farm	17	2,160	40	2,691
Stony Creek	45	953	57	1,498
Indian Springs	68	1,011	63	1,959
Kens NC	46	576	55	1,138
Kens Farm	168	1,265	207	1,832
Mobile Center				
Hudson Mills	16	384	4	194
Oakwoods	43	531	25	458
Lake Erie	12	329	15	579
Totals	456	8,658	521	12,332

OFF-SITE Programs and Attendance			
CURRENT YEAR		PREVIOUS YEAR	
Programs	Attendance	Programs	Attendance
78	1,742	49	1,521
-	-	-	-
1	2,000	1	300
-	-	-	-
-	-	1	40
1	15	-	-
-	-	-	-
30	3,118	24	1,081
-	-	3	84
7	119	1	104
-	-	1	65
117	6,994	80	3,195

BREAKDOWN OF ATTENDANCE	OTHER VISITORS (Non-programs)	
	Current	Previous
Lake St Clair	11,679	13,772
Wolcott Mill	2,283	2,997
Wolcott Farm	2,055	4,788
Stony Creek	17,339	15,969
Indian Springs	2,655	8,943
Kens NC	24,090	24,840
Kens Farm	18,432	19,042
Mobile Center		
Hudson Mills	3,500	3,500
Oakwoods	14,712	13,476
Lake Erie	7,509	13,210
Totals	104,254	120,537

"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.