



## AGENDA

Regular Meeting – Wednesday, November 8, 2023 – 9:30 a.m.

**Huntington Woods Library, 26415 Scotia**

### **Joint Meeting**

1. Meeting Called to Order
2. Roll Call, Recognition of Visitors and Public Comment
3. Discussion Regarding General Manager Search Process

### **Regular Meeting**

1. Meeting Called to Order
2. A. Roll Call, Recognition of Visitors & Public Comment  
B. Public Comments
3. Approval of Agenda
4. Consent Agenda  
All items listed on the Consent Agenda are considered to be routine by the Board of Trustees, will be enacted by one motion and approved by a roll call vote. There will be no separate discussion of these items unless a Board Member or visitor so requests, in which event the item will be removed from the consent agenda and considered as the last item of business.
  - A. Approval of Minutes – Regular Meeting – October 11, 2023
  - B. Approval of Warrants – No. RA 851
  - C. Quarterly Report – September 2023

- D. Investments – July 1, 2023 to September 30, 2023
- E. Quarterly Legal Report
- F. Information Reports
  - 1) Tonnage Analysis – October 2023
  - 2) Tonnage Percentages – October 2023
  - 3) Budget Analysis – October 2023
  - 4) Budget Analysis – July 2023 – October 2023
  - 5) Financial Status Summary – October 2023
  - 6) Compost Delivered to Members
- G. Grant Agreement with the Carton Council
- H. Purchase of Baler Wire
- 5. Administrative Reports (No Board Action Requested)
  - A. 2022/23 Audit
  - B. Operations Update
  - C. Fall Leaf Season Operations
  - D. Disaster Debris Management Plan Project
- 6. Future Business (Communication from Board Members)
- 7. Items for Decision (Board Action Requested)
  - A. Additional Contribution to MERS Pension Plan
  - B. Policy Statement on Batteries
  - C. Rochester Hills Agreement
- 8. Adjournment

*Notice: The Southeastern Oakland County Resource Recovery Authority will provide necessary, reasonable auxiliary aids and services, such as signers, for the hearing impaired, or audiotapes of printed materials being considered at the meeting to individuals with disabilities. All such requests must be made at least five days prior to said meeting. Individuals with disabilities requiring auxiliary aids or services should contact the Southeastern Oakland County Resource Recovery Authority by writing or calling: General Manager's Office, 3910 W. Webster Road, Royal Oak, MI 48073; (248) 288-5150.*

**SOCRRA**  
Regular Meeting – October 11, 2023  
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Second Amendment to CEO Agreement – Approved –	
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Adjourned –	13469

SOCRRA  
REGULAR MEETING MINUTES

Wednesday, October 11, 2023 – Hazel Park Community Center

The meeting was called to order at 1:00 p.m. by Mr. Chris Wilson, Chair

<u>Present</u>	<u>Votes</u>	<u>Municipality</u>
Shawn Young	4	Berkley
Jeff Campbell	3	Beverly Hills
Jana Ecker	6	Birmingham
Trever Zablocki	3	Clawson
Andrea Bomar	5	Ferndale
Andy LeCureaux	3	Hazel Park
Chris Wilson	2	Huntington Woods
Karen Miller	1	Lathrup Village
Dave DeCoster	5	Oak Park
Jim Breuckman	1	Pleasant Ridge
Aaron Filipski	14	Royal Oak
Kurt Bovensiep	<u>15</u>	Troy
 Total	 62	

<u>Absent</u>	<u>Votes</u>	<u>Municipality</u>
None		

Also Present

Jeff McKeen, General Manager  
 Robert Jackovich, Operations Manager  
 Robert Davis, General Counsel  
 Colette Farris, Organizational Development Manager  
 Tom Jones, Hazel Park  
 Scott Zielinski, Birmingham

-13461-

The Chair recognized visitors and called for public comment. There being no persons present who wished to be heard, the Chair closed the public comment segment.

-13462-

Motion by Mr. K. Bovensiep, supported by Mr. J. Breuckman:

That the Agenda be approved as submitted.

Yeas: Young, Campbell, Ecker, Zablocki, Bomar, LeCureaux, Wilson, Miller,  
DeCoster, Breuckman, Filipski, Bovensiep (62 votes)

Nays: None

Absent: None

**Motion carried.**

-13463-

#### **APPROVAL OF CONSENT AGENDA**

Motion by Mr. J. Campbell, supported by Mr. K. Bovensiep:

That the Consent Agenda be approved.

#### **APPROVAL OF MEETING MINUTES**

That the minutes of the Regular Meeting of September 13, 2023 be approved as submitted.

#### **APPROVAL OF WARRANT – NO. RA-850**

That Warrant RA-850 in the amount of \$1,845,149.72 be approved and payments authorized.

#### **INFORMATION REPORTS**

That the monthly information reports be received and filed.

#### **SECOND AMENDMENT TO CEO AGREEMENT**

That the Board approves the Second Amendment to the Agreement between SOCRRA and the Center for Employment Opportunities and authorizes the General Manager to execute the Second Amendment.

#### **ELECTRICAL WORK – GLACIER ROBOT PROJECT**

That the Board authorizes the General Manager to accept the quote from Rolly Electrical Service for \$7,370 for the electrical work required for the MRF robot project.

### **AGREEMENT WITH THE CITY OF FERNDALE**

That the Agreement between the City of Ferndale and SOCRRA regarding use of the Southwest storage area be approved, and that the General Manager be authorized to execute the agreement.

### **EASEMENT FOR RCOC FOR GLWA 96" WATER MAIN PROJECT**

That the Board approves the permanent easement with the Road Commission of Oakland County and authorizes the General Manager to execute the easement agreement.

### **RENTAL OF LOADER – COMPOST SITE**

That a one-month rental of a Komatsu WA500-8 loader at a price of \$18,627.50 is confirmed under the emergency provision of SOCRRA's Purchasing Policy.

### **ROLL CALL VOTE**

Yeas: Young, Campbell, Ecker, Zablocki, Bomar, LeCureaux, Wilson, Miller,  
DeCoster, Breuckman, Filipski, Bovensiep (62 votes)

Nays: None

Absent: None

### **Motion carried.**

-13464-

Motion by Mr. K. Bovensiep, supported by Mr. A. Filipski:

That the report on Operations Update be received and filed.

Yeas: Young, Campbell, Ecker, Zablocki, Bomar, LeCureaux, Wilson, Miller,  
DeCoster, Breuckman, Filipski, Bovensiep (62 votes)

Nays: None

Absent: None

### **Motion carried.**

-13465-

Motion by Mr. A. LeCureaux, supported by Mr. D. DeCoster:

That the report on Fall Leaf Season Operations be received and filed.

Yeas: Young, Campbell, Ecker, Zablocki, Bomar, LeCureaux, Wilson, Miller,  
DeCoster, Breuckman, Filipski, Bovensiep (62 votes)  
Nays: None  
Absent: None

**Motion carried.**

-13466-

Motion by Mr. A. LeCureaux, supported by Mr. A. Filipski:

That the General Manager be authorized to continue the present health insurance reimbursement program for Medicare eligible retirees and their Medicare eligible spouses up to a maximum of \$123 per individual per month.

**ROLL CALL VOTE**

Yeas: Young, Campbell, Ecker, Zablocki, Bomar, LeCureaux, Wilson, Miller,  
DeCoster, Breuckman, Filipski, Bovensiep (62 votes)  
Nays: None  
Absent: None

**Motion carried.**

-13467-

Motion by Mr. A. LeCureaux, supported by Mr. J. Breuckman:

That the Board approves the temporary easement with GLWA and authorizes the General Manager to execute the easement agreements.

**ROLL CALL VOTE**

Yeas: Young, Campbell, Ecker, Zablocki, Bomar, LeCureaux, Wilson, Miller,  
DeCoster, Breuckman, Filipski, Bovensiep (62 votes)  
Nays: None  
Absent: None

**Motion carried.**

-13468-

Motion by Mr. K. Bovensiep, supported by Mr. A. LeCureaux:

That staff proceed with background checks and staff input for four candidates for the General Manager position.

**ROLL CALL VOTE**

Yeas: Young, Campbell, Ecker, Zablocki, Bomar, LeCureaux, Wilson, Miller,  
DeCoster, Breuckman, Filipski, Bovensiep (62 votes)

Nays: None

Absent: None

**Motion carried.**

-13469-

Motion by Mr. J. Campbell, supported by Mr. A. LeCureaux:

That the meeting be adjourned.

Yeas: Young, Campbell, Ecker, Zablocki, Bomar, LeCureaux, Wilson, Miller,  
DeCoster, Breuckman, Filipski, Bovensiep (62 votes)

Nays: None

Absent: None

The Chair ordered the meeting adjourned at 2:32 p.m.

APPROVED: \_\_\_\_\_

Chair

\_\_\_\_\_  
Secretary

SOCRRRA  
CHECK WARRANT  
NOVEMBER 2023

RRA 851  
ACCT. 1009

CHECK #	PAYEE	AMOUNT	PURPOSE
79922	Airgas USA LLC	294.94	Supplies - TS, CS
79923	Alta Equipment Company	1,026.70	Maintenance of Equipment - CS
79924	Davis Listman PLLC	3,615.94	Legal Services
79925	Grainger	113.75	Tools - MRF
79926	Home Depot Credit Services	0.00	Voided Check
79927	Home Depot Credit Services	812.02	Maintenance of Equipment - TS, Tools - MRF, CS
79928	The City of Madison Heights	69.32	Utilities - MH
79929	Propane Services/Superior Plus Energy Services	331.00	Fuel - MRF
79930	Resource Recycling Systems Inc.	3,910.00	Consulting
79931	RKA Petroleum Companies Inc.	9,223.44	Fuel - TS, CS
79932	Specialty Employment Services Inc. - Sentech	2,067.24	Temporary Staffing - MRF
79933	Supply Den	345.34	Cleaning Supplies - MRF
79934	Fontenot Landscape Services LLC	40,324.00	Brush Chipping
79935	RedGuard Fire & Security	618.00	Internet/Security - MRF, TS
79936	Leadpoint	27,659.94	Temporary Staffing - MRF
79937	IDF Clean-up Inc	5,000.00	Equipment Rental - MRF
79938	eCycle Opportunities LLC	11,389.10	Electronics Recycling - MRF
79939	ERG Environmental Services	36,556.24	HHW Service - MRF
79940	Anne Farris	92.16	MERS 2023 Conference - Travel & Parking
79941	Fire Rover LLC	2,210.00	Maintenance of Property & Grounds - MRF
79942	Progressive Sweeping Contractors Inc.	666.60	Maintenance of Property & Grounds - TS
79943	AMP Robotics Corporation	78.99	Maintenance of Equipment - MRF
79944	GFL Environmental USA	196.00	Collection Contract
79945	GFL Environmental USA	5,775.00	Collection Contract
79946	GFL Environmental USA	98,668.06	Collection Contract
79947	Tringali Sanitation	280.00	Collection Contract
79948	Tringali Sanitation	25,470.55	Collection Contract
79949	Tringali Sanitation	68,409.61	Collection Contract
79950	Interstate Billing Services Inc	5,293.25	Maintenance of Equipment - MRF
79951	Alta Equipment Company	3,594.43	Maintenance of Equipment - MRF
79952	Kenneth Bragg	96.09	MERS 2023 Conference - Travel & Parking
79953	Cintas Corporation	236.43	Maintenance of Building - MRF
79954	Voided Check	0.00	Voided Check
79955	Contractors Clothing Co	3,991.38	Uniforms
79956	Fire Defense Equipment Co	926.50	Maintenance of Equipment - MRF

SOCRRA  
CHECK WARRANT  
NOVEMBER 2023

RRA 851  
ACCT. 1009

CHECK #	PAYEE	AMOUNT	PURPOSE
79957	Home Depot Credit Services	279.64	Supplies - MRF, Maintenance of Equipment - TS
79958	Infoview Systems Inc.	7,580.00	New Scale Software Development
79959	Lyden Oil Company	231.25	Fuel - TS
79960	Mannik & Smith	4,791.67	Landfill Monitoring
79961	Michigan Municipal Risk	28,568.00	Property & Liability Insurance
79962	Michigan Municipal Risk Management Authority ECP	14,710.98	Utilities - MRF, TS
79963	Plante & Moran	208.75	Consulting
79964	The Print Stop Inc.	4,600.00	Office Expense
79965	RKA Petroleum Companies Inc.	1,730.13	Fuel - TS, CS
79966	Teamsters Local #214	966.00	Union Dues
79967	SOCWA	12,520.13	Reimburse SOCWA Administrative Wages
79968	Leadpoint	45,794.16	Temporary Staffing - MRF
79969	Alerus Financial	3,214.50	Deferred Compensation
79970	TIREMAXX	497.00	Maintenance of Equipment - TS
79971	Midwest Maintenance Inc.	5,210.00	Maintenance of Equipment - MRF
79972	TWN Consulting LLC	1,425.00	Consulting
79973	GFL Environmental USA	109,000.00	Collection Contract
79974	Tringali Sanitation	500.00	Collection Contract
79975	GFL Environmental USA	66,717.25	Collection Contract
79976	Tringali Sanitation	12,279.71	Collection Contract
79977	Tringali Sanitation	17,600.22	Collection Contract
79978	Tringali Sanitation	22,869.00	Collection Contract
79979	Airgas USA LLC	548.75	Tools - CS
79980	Interstate Billing Services Inc	3,619.98	Maintenance of Equipment - MRF
79981	Employee Optical Dental Reimbursement	911.70	Employee Optical Dental Reimbursement
79982	Bulldog Records Management	2,000.00	Miscellaneous Recycling
79983	Car Trucking	101,390.60	Collection Contract
79984	Cintas Corporation	472.86	Maintenance of Building - MRF
79985	Contractors Clothing Co	305.50	Uniforms
79986	GFL Environmental USA	109,000.00	Collection Contract
79987	Home Depot Credit Services	128.34	Maintenance of Building - MH, Supplies - CS
79988	J.H. Hart Urban Forestry	12,635.00	Hauling Wood Chips
79989	Latigo Transport Inc.	1,200.60	Hauling Compost
79990	MacAllister Rentals	2,882.50	Equipment Rental - TS
79991	RKA Petroleum Companies Inc.	6,012.44	Fuel - CS

SOCRRA  
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NOVEMBER 2023

RRA 851  
ACCT. 1009

CHECK #	PAYEE	AMOUNT	PURPOSE
79992	The City of Rochester Hills Water and Sewer	25,070.29	Landfill Sewer
79993	Specialty Employment Services Inc. - Sentech	3,557.30	Temporary Staffing - MRF
79994	Zions Bank Corporate Trust	1,250.00	Paying Agent
79995	SOCWA	250.00	SOCRRA charges on SOCWA cc
79996	Leadpoint	49,801.30	Temporary Staffing - MRF
79997	IDF Clean-up Inc	5,000.00	Equipment Rental - MRF
79998	Great Lakes Lubricants	1,409.45	Maintenance of Equipment - CS
79999	Bandit Industries	5,178.62	Maintenance of Equipment - CS
80000	ArborOakland Group	3,370.03	Grant TRP Quality Improvement
80001	Petty Cash - RRA	191.94	Petty Cash Reimbursement
80002	Progressive Sweeping Contractors Inc.	1,999.80	Maintenance of Property & Grounds - TS, CS
80003	Strongharte LLC dba Krown Rochester Hills	500.00	Maintenance of Equipment - CS
80004	Recycle Waste Services	4,500.00	Haul Reject Compost
80005	Tringali Sanitation	1,355.20	Collection Contract
80006	Tringali Sanitation	745.36	Collection Contract
80007	Tringali Sanitation	677.60	Collection Contract
80008	Tringali Sanitation	4,065.60	Collection Contract
80009	Tringali Sanitation	317,976.09	Collection Contract
80010	Tringali Sanitation	56,198.62	Collection Contract
80011	Tringali Sanitation	56,198.62	Collection Contract
80012	Airgas USA LLC	210.66	Maintenance of Equipment - CS
80013	Interstate Billing Services Inc	2,807.96	Maintenance of Equipment - MRF
80014	Car Trucking	124,213.59	Collection Contract
80015	Cintas Corporation	236.43	Maintenance of Building - MRF
80016	Contractors Clothing Co	0.00	Voided Check
80017	Contractors Clothing Co	7,865.07	Uniform Allowance
80018	Contractors Connection	168.30	Maintenance of Property & Grounds, Tools - CS
80019	Durst Lumber Company	42.24	Maintenance of Building - MH
80020	Grainger	252.53	Tools - MRF
80021	Home Depot Credit Services	970.32	Maintenance of Building - TS, MH, Supplies - MRF
80022	J.H. Hart Urban Forestry	3,325.00	Hauling Wood Chips
80023	Jay's Septic Tank Service	500.00	Maintenance of Equipment - TS
80024	KLM Scape & Snow LLC	8,138.00	Maintenance of Property & Grounds - CS
80025	Machinex Technologies Inc	1,523.31	Maintenance of Equipment - MRF
80026	Michigan Cat	0.00	Voided Check

SOCRRA  
CHECK WARRANT  
NOVEMBER 2023

RRA 851  
ACCT. 1009

CHECK #	PAYEE	AMOUNT	PURPOSE
80027	Michigan Cat	24,869.34	Maintenance of Equipment - MRF, TS, CS
80028	O'Reilly Auto Parts	88.97	Maintenance of Equipment - TS
80029	Propane Services/Superior Plus Energy Services	301.00	Fuel - MRF
80030	RKA Petroleum Companies Inc.	5,147.66	Fuel - TS
80031	Standard Insurance Company	703.49	Life Insurance
80032	Uline	229.55	Supplies - MRF
80033	SOCWA	11,951.55	SOCWA Administrative Wages
80034	Strategic Materials Inc	17,307.92	Glass Disposal
80035	Premier Properties & Management	1,131.97	Rental Property Maintenance and Repair
80036	Bandit Industries	4,278.79	Maintenance of Equipment - CS
80037	Alerus Financial	3,137.11	Deferred Compensation
80038	ERG Environmental Services	46,435.78	HHW Service - MRF
80039	The Huntington National Bank	17,339.10	Compost Screener and Grinder
80040	Speed Tech Equipment	220.00	Maintenance of Equipment - MRF
80041	Michigan Conference of Teamsters Welfare Fund	15,031.00	Health Insurance
80042	Pirtek Auburn Hills	408.41	Maintenance of Equipment - TS
80043	Green Meadows Lawnscape Inc	709.29	Maintenance of Property and Grounds - TS
80044	Metro Airport Truck	1,264.84	Maintenance of Equipment - TS
80045	Progressive Plumbing Supply Co	242.42	Maintenance of Equipment - TS
80046	GFL Environmental USA	107,581.18	Collection Contract
80047	GFL Environmental USA	109,637.46	Collection Contract
80048	Tringali Sanitation	2,845.92	Collection Contract
80049	Tringali Sanitation	7,707.70	Collection Contract
80050	Tringali Sanitation	17,600.22	Collection Contract
80051	Tringali Sanitation	25,148.46	Collection Contract
ACH	Metro Wireless	275.55	Internet/Security - MRF, CS
EPAY	BASIC	173.16	Retiree Reimbursement Quarterly Admin Fees
EPAY	Comcast	584.56	Internet/Security - MRF, CS
EPAY	Consumers Energy	237.74	Natural Gas Service - MRF, CS
EPAY	DTE Energy	190.67	Electric Service - Landfill, MH
EPAY	Flagstar Bank	3,983.74	Credit Card - Detail on Page 6
EPAY	Guardian Alarm	375.12	Maintenance of Building - MH
EPAY	MERS of Michigan	13,865.25	Defined Benefit Pension
EPAY	WOW! Business	260.13	Internet/Security - MH

**2,092,557.96**

SOCRRA  
CHECK WARRANT  
NOVEMBER 2023

1020 OPERATION & MAINTENANCE FUND

**2,092,557.96**

I HEREBY CERTIFY THAT I HAVE EXAMINED THE INVOICES COVERED BY THE ABOVE VOUCHERS FOR RECEIPT OF MATERIALS OR SERVICES RENDERED AND THAT THE PRICES AND COMPUTATIONS ARE CORRECT.

\_\_\_\_\_  
Treasurer

\_\_\_\_\_  
**General Manager**

\_\_\_\_\_  
**Secretary**

The payments listed above were presented to the board of Trustees and were reviewed with no objection November 8, 2023.

SOCRRRA  
CHECK WARRANT  
NOVEMBER 2023

RRA 851  
ACCT. 1009

PAYEE		AMOUNT	PURPOSE
EPAY	Flagstar Credit Card - Detail	214.99	Maintenance of Building
		77.98	Maintenance of Building
		72.06	Personnel Improvement
		161.58	Personnel Improvement
		303.93	Maintenance of Building
		59.59	Personnel Improvement
		35.00	PayPal/Square Fees
		210.95	Personnel Improvement
		284.37	Personnel Improvement
		20.02	Personnel Improvement
		536.70	Personnel Improvement
		39.98	Personnel Improvement
		290.00	Administrative and Office
		12.87	Personnel Improvement
		143.00	Personnel Improvement
		52.70	Supplies
		429.99	Maintenance of Building
		15.87	Supplies
		31.78	Supplies
		33.00	Administrative and Office
		32.20	Administrative and Office
		102.03	Personnel Improvement
		14.08	Personnel Improvement
		47.02	Personnel Improvement
		196.11	Personnel Improvement
		243.31	Personnel Improvement
		12.70	Personnel Improvement
		26.50	Personnel Improvement
		51.89	Personnel Improvement
		42.40	Administrative and Office

SOCRRA  
CHECK WARRANT  
NOVEMBER 2023

RRA 851  
ACCT. 1009

PAYEE	AMOUNT	PURPOSE
	-20.14	Administrative and Office
	34.96	Administrative and Office
	34.96	Administrative and Office
	17.48	Administrative and Office
	62.29	Administrative and Office
	59.59	Personnel Improvement
	<b>3,983.74</b>	

October 25, 2023

Board of Trustees  
SOCRRA

Subject: Quarterly Report - First Quarter 2023-2024

Board Members:

The SOCRRA Quarterly Report – First Quarter 2023-2024 is included with your agenda packet and sent electronically as a separate attachment. Please disseminate this report to your Council/Commission members.

It is recommended that the Quarterly Report – First Quarter 2023-2024 be received and filed.

Submitted by:

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Colleen Wayland  
Accountant/Treasurer

Approved by:

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Jeffrey A. McKeen, P.E.  
General Manager

Suggested Resolution: “That the Quarterly Report – First Quarter 2023-2024 be received and filed.”

## QUARTERLY REPORT October 2023

<b>BOARD OF TRUSTEES</b>	
<b>Representative</b>	<b>Municipality</b>
Shawn Young	City of Berkley
Jeff Campbell	Village of Beverly Hills
Jana Ecker	City of Birmingham
Trever Zablocki	City of Clawson
Andrea Bowman	City of Ferndale
Andy LeCureaux	City of Hazel Park
Chris Wilson	City of Huntington Woods
Karen Miller	City of Lathrup Village
Dave DeCoster	City of Oak Park
Jim Breuckman	City of Pleasant Ridge
Aaron Filipski	City of Royal Oak
Kurt Bovensiep	City of Troy

<b>OFFICERS</b>	
Chairman:	Chris Wilson
Vice Chair:	Kurt Bovensiep
Secretary:	AndyLeCureaux
Advisory Committee:	Jim Breuckman Kurt Bovensiep Andy LeCureaux Chris Wilson

Jeff McKeen	General Manager
Bob Jackovich	Operations Manager

Board of Trustees  
SOCRRA

Subject: Quarterly Report - October 2023

Board Members:

Attached is a copy of SOCRRA's Quarterly Report covering the first three months operation of the fiscal year 2023/24. The report contains a financial statement of the Authority's operation and an outline of projects in progress or completed during the quarter. The report also contains statistical information and other information of general interest to the members of this Authority.

**BOARD OF TRUSTEES**

The governing body of the Authority is a Board of Trustees, consisting of one representative from each constituent municipality. The Board held its Organization Meeting on July 12, 2023, and members were elected to serve as Officers for the fiscal year beginning July 2023.

Following is a list of the current officers:

Chair:	Chris Wilson
Vice Chair:	Kurt Bovensiepe
Secretary:	Andy LeCureaux

Representatives on the Board are entitled to one vote for each 3,000 tons, or fraction thereof, of material delivered to the Authority during the preceding fiscal year. The number of votes of each constituent member for the fiscal year, beginning July 2023, is as follows:

<b>Municipality</b>	<b>Votes</b>
Berkley	4
Beverly Hills	3
Birmingham	6
Clawson	3
Ferndale	5
Hazel Park	3
Huntington Woods	2
Lathrup Village	1
Oak Park	5
Pleasant Ridge	1
Royal Oak	14
Troy	<u>15</u>
<b>Total:</b>	<b>62</b>

The Board meets in regular session once each month for the purpose of conducting all business coming before the Board.

The Authority is responsible for collecting recyclables, refuse and yard waste from the member communities and then recycling, disposing, or composting these materials. The Authority has entered into contracts with the individual members for a period extending to July 1, 2027. These contracts obligate the Authority to handle this material, charging rates sufficient to pay the operating costs and capital improvements.

**FINANCIAL STATEMENT**

The total net income for the first three months of 2023/24 was \$1,001,329 before depreciation. This was \$460,778 higher than planned and is a decrease from the net income of \$1,280,747 for the same period of 2022/23.

	<u>Actual</u>	<u>Compared to Budget</u>
Revenue	\$7,153,303	+ \$ 49,452
Expenses	\$6,151,973	- \$ 411,327
Net Income	\$ 1,001,329	+ \$ 460,778

The increase in revenue was due primarily to increases in member services (+\$88,000), processing recycling for others (+\$66,000), higher proceeds from the sale of recycled material (+\$35,000) and higher miscellaneous revenue (+\$4,000) which were partially offset by decreases in non-member refuse from Car Trucking, GFL, Tringali Sanitation and our other cash customers (-\$137,000), lower compost sales (-\$12,000) and lower non-member yard waste revenue (\$-5,000).

Expenses were lower than budget due to reduced costs for labor (-\$138,000), contract expenses (-\$138,000), maintenance (-\$66,000), miscellaneous expenses (-\$34,000), utilities (-\$14,000), supplies (-\$12,000) and non-labor Administrative and General expenses (-\$10,000). Additional financial detail is attached.

**MATERIAL HANDLED**

SOCRRA processed 54,491 tons of refuse, yard waste and recyclables during the first three months of the current fiscal year. This represents a decrease of 2.9% or 1,643 total tons compared to the same period last year. The amount of refuse from the member communities decreased by 56 tons (0.2%) and the amount of recycling from the member communities decreased by 139 tons (2.5%). The decrease in member tonnage that was a trend for all of 2022 seems to have lessened. Non-member refuse decreased by 3,175 tons (23.2%) from the prior year. Non-member recycling increased by 9.8%. Our recent history of tonnage handled is displayed in the table below:

	2019/20	2020/21	2021/22	2022/23	2023/24
Member Refuse	27,465	30,284	29,963	27,588	27,532
Non-Member Refuse	7,736	9,859	12,435	13,699	10,524
Member Recycling	5,996	6,183	6,006	5,472	5,333
Non-Member Recycling	1,590	2,352	1,650	1,812	2,683
Yard Waste	7,911	8,572	8,942	7,563	8,420
<b>TOTAL</b>	<b>50,698</b>	<b>57,250</b>	<b>58,997</b>	<b>56,134</b>	<b>54,491</b>

## **CAPITAL EXPENDITURES**

Capital expenditures totaled \$52,017 for the first quarter and were for payments for the new compost screener and the new horizontal grinder at the Compost Site.

## **MAJOR PROJECTS**

### **RECYCLING OPERATIONS**

Revenue from the sale of recycled materials was 30% lower for the first quarter compared with the first quarter of last year. The prices that we receive for our recycled commodities decreased significantly throughout last fiscal year, but they began to recover in the first quarter of this fiscal year. October prices are about at the budgeted levels for 2023/24. Recycled commodity prices continue to be very volatile.

The MRF continues to operate very well. Leadpoint and CEO, our suppliers of sorter labor at the MRF, have been able to fully staff the MRF on most days.

Our first robot was installed at the MRF in August of 2022 and continues to perform well. The robot was partially funded through grants from the Polypropylene Recycling Coalition (polypropylene, PP or #5, is used in yogurt and food take out containers) and from the Michigan Department of Environment and Great Lakes and Energy (EGLE). The robot is being used to sort PP and natural PE. PP is a new product from our MRF, and the robot has greatly increased our recovery of natural PE. Having the robot in place also enables us to improve the recovery of other materials by redeploying sorters.

We are working with a robot start-up company to supply a second robot for the MRF that will be partially funded by separate grants from the Polypropylene Recycling Coalition, Michigan EGLE, the Carton Council and the Food Service Packaging Institute. The robot is scheduled to be in service in March 2024.

Our glass is being recycled by Strategic Materials, which is located near Chicago. We continue to have to pay the cost of transporting our glass to Chicago for recycling and there is no payment or cost for the glass recycling.

We are continuing to process recyclables from other communities. We charge a tip fee for this service, and we sell the recycled products that result from this material. The revenue for recycling received from other communities increased by 39% from the first quarter of 2022/23. This was due to both an increase in our tip fee and an increased amount of material being processed.

### **COLLECTION OPERATIONS**

SOCRRA's operations have been normal throughout the first quarter. Our collection contractors were on schedule throughout the quarter although collection is running significantly later into the evening than in prior years. All three collection contractors are reporting that it has become slightly easier to hire and maintain employees. We expect the contractors to continue to collect materials later into the evening until yard waste collection stops as of December 15. SOCRRA has opened our facilities both earlier and later than required under our contracts to accommodate both early and late deliveries from the contractors in order to help the contractors remain on their collection schedules. The amount of trash and recycling that we are receiving from the member communities has stabilized after dropping significantly last year. For the first quarter, we

observed small decreases in trash (-0.2%) and recycling (-2.5%) tonnage from the member communities compared with the first quarter of last year.

### **RECYCLING DROP-OFF CENTER**

The SOCRRA recycling drop-off center continues to be open by appointment only for residents of the SOCRRA communities. Drop-off appointments are available through the SOCRRA website at <https://hhw.socrra.org/>. We instituted appointments to reduce the number of residents at our site at any one time. This has reduced traffic congestion issues at our site so that the truck operations to get material into and out of the Transfer Station and MRF are not affected by resident drop-off traffic. We have made several changes in our appointment system that have resulted in next day appointments generally being available throughout the day with appointments available for eight to ten different days. We are also doing Saturday appointments twice each month.

In order to make our drop-off service more accessible, we are continuing to provide alternative locations, which do not require appointments, for residents to drop off household hazardous waste, recycle electronics, cardboard, scrap metal and to have paper shredding performed. The details about these alternatives are attached to this report and are available on the SOCRRA website at <https://www.socrra.org/recycling-drop-off>.

### **PENSION FUNDING**

MERS completed their annual actuarial analysis of SOCRRA's pension plans. The combined union pension plans were 79% funded as of December 31, 2022. This was a slight decrease from the 80% funding level as of December 31, 2021. The funding levels were 97% for the employees hired after July 1, 2010, 83% for non-supervisory employees hired before July 1, 2010 and 63% for supervisory employees. SOCWA's pension plan for their administrative employees, which is an obligation shared by SOCRRA and SOCWA, was 107% funded as of December 31, 2022. We are budgeted to make incremental pension contributions before the end of December 2023 to increase our pension funding level.

### **DISASTER DEBRIS MANAGEMENT PLANS**

The SOCRRA Board approved hiring Tetra Tech to develop disaster debris management plans for SOCRRA, the SOCRRA communities and RRRASOC and the RRRASOC communities (Farmington, Farmington Hills, Milford, Milford Twp., Novi, South Lyon, Southfield, Walled Lake and Wixom). Tetra Tech is a large engineering consulting firm with significant expertise in developing disaster debris management plans. While SOCRRA has been able to successfully handle debris generated by recent disaster events, the increasing frequency and severity of disasters made us realize that better planning is required for future disasters. Having our neighboring communities involved in this project lowers the cost of the project and prepares us for better collaboration during future disasters. We will be working with representatives of each community to develop these important plans.

### **ANNUAL AUDIT**

Representatives of Plante Moran performed our annual audit in our office in early September. The final audit will be reviewed with the SOCRRA Audit Committee during October 2023 and will be reviewed by the SOCRRA Board at their November meeting.

New accounting standards required SOCRRA to conduct an actuarial valuation of our liability for Other Post Employment Benefits (OPEB or retiree health insurance). We performed this analysis using a tool provided by Milliman, our actuarial firm. As of June 30, 2023, the OPEB

plan for Union employees was 161.3% funded which is an increase from the 118.2% funding level as of June 30, 2022. The OPEB plan for the SOCWA administrative employees, which is a shared obligation between SOCRRA and SOCWA, was 186 % funded as of June 30, 2023. We are continuing to pay 100% of our retiree health insurance costs from the OPEB plan assets.

Respectfully submitted,

Jeffrey A. McKeen, P.E.  
General Manager



Berkley • Beverly Hills • Birmingham • Clawson • Ferndale • Hazel Park • Huntington Woods • Lathrup Village • Oak Park • Pleasant Ridge • Royal Oak • Troy

## ALTERNATIVES AVAILABLE TO SOCRRA RESIDENTS FREE OF CHARGE

**ERG Environmental Services** Phone: 734-437-9650

**Electronics Recycling and Household Hazardous Waste Disposal** (computers, TVs, cell phones, VCRs, video equipment, paint, household cleaners, medications, sharps, auto fluids, pesticides, etc. – visit [www.socrra.org](http://www.socrra.org) for a complete list)

- Location: 13040 Merriman Road, Livonia (Use visitor entrance, enter off Industrial Road)
- Hours: Call for current hours
- Must have ID showing residency from a SOCRRA community, Bingham Farms, the City of Bloomfield Hills or Franklin Village or **printed** paper voucher for Rochester and Rochester Hills residents -- purchase from city
- Ring doorbell and RETURN TO YOUR CAR. Attendant with PPE will unload your items

**eCycle Opportunities (JVS facility)** Phone: 248-233-4477

**Electronics Recycling ONLY** (computers, TVs, cell phones, VCRs, video equipment, etc. – visit [www.socrra.org](http://www.socrra.org) for a complete list)

- Location: 29699 Southfield Road, Southfield – part of the JVS building
- Hours: Call for current hours
- Must be resident of a SOCRRA community, Bingham Farms, the City of Bloomfield Hills or Franklin Village or bring **printed** paper voucher for Rochester and Rochester Hills residents -- purchase from city
- Go to warehouse door on south side of building (next to Arby's), place electronics in bin or on ground if they are large. Ring doorbell for assistance with heavy items

**GFL Recycling** Phone: 248-541-4020

Drop-off **Paper Shredding and Cardboard/Paper and Scrap Metal Recycling**

- Location: 414 E. Hudson, Royal Oak
- Hours: M – F 7AM – 4PM
- Procedure: **MASKS ARE REQUIRED**
  - Shredding – main building entrance; NOT self-service – leave papers with attendant
  - Cardboard/Paper and Scrap Metal recycling -- drive into truck entrance; open top dumpsters to self-unload

**SOCRRA's main function is to provide and manage the CURBSIDE collection of trash, recycling and yard waste in our 12 SOCRRA communities and we remain open and fully functional for these ESSENTIAL services.**

**SOCRRA**  
**INCOME STATEMENT**  
**07/01/23 - 09/30/23**

	Period Actual	Period Budget	Variance
<b>REVENUES</b>			
<b>MUNICIPAL REFUSE</b>			
MEMBER MSW	5,743,007.61	5,655,348.00	87,659.61
MONTHLY SURCHARGE	282,003.00	282,003.00	0.00
NON-MEMBER MSW	443,391.27	580,000.00	(136,608.73)
NON-MEMBER YARD WASTE	600.00	6,000.00	(5,400.00)
<b>TOTAL MUNICIPAL REFUSE</b>	<b>6,469,001.88</b>	<b>6,523,351.00</b>	<b>(54,349.12)</b>
<b>SALE OF RECYCLED MATERIAL</b>			
MIXED PAPER	93,974.30	59,000.00	34,974.30
NEWSPAPER	0.00	2,000.00	(2,000.00)
CARDBOARD	152,706.05	108,000.00	44,706.05
SORTED OFFICE PAPER	0.00	4,000.00	(4,000.00)
PLASTICS	32,268.75	63,000.00	(30,731.25)
SCRAP METAL	34,473.95	21,000.00	13,473.95
ALUMINUM CANS	22,467.20	36,000.00	(13,532.80)
TIN CANS	18,762.58	26,000.00	(7,237.42)
MIXED RECYCLING - OTHERS	233,777.82	168,000.00	65,777.82
BATTERIES	0.00	1,000.00	(1,000.00)
<b>TOTAL SALE OF RECYCLED MATERIAL</b>	<b>588,430.65</b>	<b>488,000.00</b>	<b>100,430.65</b>
<b>OTHER INCOME</b>			
COMPOST	23,407.00	35,000.00	(11,593.00)
RENTAL INCOME	34,345.00	31,500.00	2,845.00
INTEREST ON INVESTMENTS	23,931.95	20,000.00	3,931.95
GRANT REVENUE	3,728.54	0.00	3,728.54
MISC INCOME	10,457.56	6,000.00	4,457.56
<b>TOTAL OTHER INCOME</b>	<b>95,870.05</b>	<b>92,500.00</b>	<b>3,370.05</b>
<b>TOTAL REVENUES</b>	<b>7,153,302.58</b>	<b>7,103,851.00</b>	<b>49,451.58</b>
<b>EXPENSES</b>			
MADISON HEIGHTS TRANSFER STATION	3,369.98	12,800.00	(9,430.02)
TROY TRANSFER STATION	157,215.21	511,950.00	(354,734.79)
MATERIAL RECOVERY FACILITY	449,369.71	649,600.00	(200,230.29)
HOUSEHOLD HAZARDOUS WASTE	20,951.27	126,250.00	(105,298.73)
COMPOST FACILITY	108,755.21	168,300.00	(59,544.79)
ADMINISTRATIVE AND GENERAL	436,163.21	450,400.00	(14,236.79)
COLLECTION CONTRACT EXPENSES	1,616,116.90	1,816,667.00	(200,550.10)
IN TRANSIT	3,360,031.76	2,827,333.00	532,698.76
<b>TOTAL EXPENSE</b>	<b>6,151,973.25</b>	<b>6,563,300.00</b>	<b>(411,326.75)</b>
<b>NET INCOME BEFORE DEPRECIATION</b>	<b>1,001,329.33</b>	<b>540,551.00</b>	<b>460,778.33</b>
DEPRECIATION	246,325.50		
<b>NET INCOME</b>	<b>755,003.83</b>		

**SOCRRA**  
**INCOME STATEMENT COMPARED TO TOTAL BUDGET**  
**07/01/23 - 09/30/23**

	Period Actual	Total Budget 2023-2024	Remaining Budget	% Received or Expended
<b>REVENUES</b>				
<b>MUNICIPAL REFUSE</b>				
MEMBER MSW	5,743,007.61	22,621,392.00	16,878,384.39	25%
MONTHLY SURCHARGE	282,003.00	1,128,012.00	846,009.00	25%
NON-MEMBER MSW	443,391.27	2,100,000.00	1,656,608.73	21%
NON-MEMBER YARD WASTE	600.00	30,000.00	29,400.00	2%
<b>TOTAL MUNICIPAL REFUSE</b>	<b>6,469,001.88</b>	<b>25,879,404.00</b>	<b>19,410,402.12</b>	<b>25%</b>
<b>SALE OF RECYCLED MATERIAL</b>				
MIXED PAPER	93,974.30	240,000.00	146,025.70	39%
NEWSPAPER	0.00	6,000.00	6,000.00	0%
CARDBOARD	152,706.05	433,000.00	280,293.95	35%
SORTED OFFICE PAPER	0.00	24,000.00	24,000.00	0%
PLASTICS	32,268.75	251,000.00	218,731.25	13%
SCRAP METAL	34,473.95	82,000.00	47,526.05	42%
ALUMINUM CANS	22,467.20	142,000.00	119,532.80	16%
TIN CANS	18,762.58	107,000.00	88,237.42	18%
MIXED RECYCLING - OTHERS	233,777.82	700,000.00	466,222.18	33%
BATTERIES	0.00	5,000.00	5,000.00	0%
<b>TOTAL SALE OF RECYCLED MATERIAL</b>	<b>588,430.65</b>	<b>1,990,000.00</b>	<b>1,401,569.35</b>	<b>30%</b>
<b>OTHER INCOME</b>				
COMPOST	23,407.00	160,000.00	136,593.00	15%
RENTAL INCOME	34,345.00	125,000.00	90,655.00	27%
INTEREST ON INVESTMENTS	23,931.95	80,000.00	56,068.05	30%
GRANT REVENUE	3,728.54	0.00	(3,728.54)	0%
MISC INCOME	10,457.56	25,000.00	14,542.44	42%
<b>TOTAL OTHER INCOME</b>	<b>95,870.05</b>	<b>390,000.00</b>	<b>294,129.95</b>	<b>25%</b>
<b>TOTAL REVENUES</b>	<b>7,153,302.58</b>	<b>28,259,404.00</b>	<b>21,106,101.42</b>	<b>25%</b>
<b>EXPENSES</b>				
MADISON HEIGHTS TRANSFER STATION	3,369.98	50,000.00	46,630.02	7%
TROY TRANSFER STATION	157,215.21	4,752,000.00	4,594,784.79	3%
MATERIAL RECOVERY FACILITY	449,369.71	2,622,900.00	2,173,530.29	17%
HOUSEHOLD HAZARDOUS WASTE	20,951.27	499,000.00	478,048.73	4%
COMPOST FACILITY	108,755.21	637,500.00	528,744.79	17%
ADMINISTRATIVE AND GENERAL	436,163.21	1,443,400.00	1,007,236.79	30%
COLLECTION CONTRACT EXPENSES	1,616,116.90	15,800,000.00	14,183,883.10	10%
IN TRANSIT	3,360,031.76	0.00	(3,360,031.76)	0%
<b>TOTAL EXPENSE</b>	<b>6,151,973.25</b>	<b>25,804,800.00</b>	<b>19,652,826.75</b>	<b>24%</b>
<b>REVENUE OVER EXPENSES</b>	<b>1,001,329.33</b>	<b>2,454,604.00</b>	<b>1,453,274.67</b>	<b>41%</b>

**SOCRRA**  
**COMPARATIVE STATEMENT**  
**07/01/23 - 09/30/23**

	<b>Period Actual 2023-2024</b>	<b>Period Actual 2022-2023</b>	<b>Over/(Under)</b>
<b>REVENUES</b>			
<b>MUNICIPAL REFUSE</b>			
MEMBER MSW	5,743,007.61	5,474,351.03	268,656.58
MONTHLY SURCHARGE	282,003.00	282,003.00	0.00
NON-MEMBER MSW	443,391.27	546,895.64	(103,504.37)
NON-MEMBER YARD WASTE	600.00	330.00	270.00
<b>TOTAL MUNICIPAL REFUSE</b>	<b>6,469,001.88</b>	<b>6,303,579.67</b>	<b>165,422.21</b>
<b>SALE OF RECYCLED MATERIAL</b>			
MIXED PAPER	93,974.30	124,611.84	(30,637.54)
NEWSPAPER	0.00	14,679.41	(14,679.41)
CARDBOARD	152,706.05	216,008.93	(63,302.88)
SORTED OFFICE PAPER	0.00	5,190.22	(5,190.22)
PLASTICS	32,268.75	43,630.97	(11,362.22)
SCRAP METAL	34,473.95	32,213.45	2,260.50
ALUMINUM CANS	22,467.20	48,136.14	(25,668.94)
TIN CANS	18,762.58	21,093.93	(2,331.35)
MIXED RECYCLING - OTHERS	233,777.82	137,142.26	96,635.56
BATTERIES	0.00	513.00	(513.00)
<b>TOTAL SALE OF RECYCLED MATERIAL</b>	<b>588,430.65</b>	<b>643,220.15</b>	<b>(54,789.50)</b>
<b>OTHER INCOME</b>			
COMPOST	23,407.00	35,731.00	(12,324.00)
RENTAL INCOME	34,345.00	34,150.00	195.00
INTEREST ON INVESTMENTS	23,931.95	11,271.08	12,660.87
GRANT REVENUE	3,728.54	131,843.05	(128,114.51)
MISC INCOME	10,457.56	12,768.51	(2,310.95)
<b>TOTAL OTHER INCOME</b>	<b>95,870.05</b>	<b>225,763.64</b>	<b>(129,893.59)</b>
<b>TOTAL REVENUES</b>	<b>7,153,302.58</b>	<b>7,172,563.46</b>	<b>(19,260.88)</b>
<b>EXPENSES</b>			
MADISON HEIGHTS TRANSFER STATION	3,369.98	5,494.30	(2,124.32)
TROY TRANSFER STATION	157,215.21	480,257.32	(323,042.11)
MATERIAL RECOVERY FACILITY	449,369.71	449,260.98	108.73
HOUSEHOLD HAZARDOUS WASTE	20,951.27	75,747.32	(54,796.05)
COMPOST FACILITY	108,755.21	136,257.74	(27,502.53)
ADMINISTRATIVE AND GENERAL	436,163.21	306,274.42	129,888.79
COLLECTION CONTRACT EXPENSES	1,616,116.90	1,469,887.23	146,229.67
IN TRANSIT	3,360,031.76	2,968,636.67	391,395.09
<b>TOTAL EXPENSES</b>	<b>6,151,973.25</b>	<b>5,891,815.98</b>	<b>260,157.27</b>
<b>REVENUE OVER EXPENSES</b>	<b>1,001,329.33</b>	<b>1,280,747.48</b>	<b>(279,418.15)</b>

**SOCRRA**  
**INCOME STATEMENT & TONS**  
**07/01/23 - 09/30/23**

	<b>TOTAL TONS</b>	<b>AMOUNT</b>
<b>REVENUES</b>		
MEMBER SERVICES	27,531.67	6,025,010.61
NON-MEMBER MSW	10,523.73	443,391.27
<b>YARD WASTE</b>		
MEMBER	8,420.00	0.00
NON MEMBER	0.00	600.00
<b>RECYCLABLES</b>		
MEMBERS	5,332.50	0.00
NON MEMBER	2,683.20	0.00
<b>TOTAL MUNICIPAL REFUSE</b>	<b>54,491.10</b>	<b>6,469,001.88</b>
 <b>SALE OF RECYCLED MATERIAL</b>		
MIXED PAPER		93,974.30
NEWSPAPER		0.00
CARDBOARD		152,706.05
SORTED OFFICE PAPER		0.00
PLASTICS		32,268.75
SCRAP METAL		34,473.95
ALUMINUM CANS		22,467.20
TIN CANS		18,762.58
MIXED RECYCLING - OTHERS		233,777.82
BATTERIES		0.00
<b>TOTAL SALE OF RECYCLED MATERIAL</b>		<b>588,430.65</b>
 <b>OTHER INCOME</b>		
COMPOST		23,407.00
RENTAL INCOME		34,345.00
INTEREST ON INVESTMENTS		23,931.95
GRANT REVENUE		3,728.54
MISC INCOME		10,457.56
<b>TOTAL OTHER INCOME</b>		<b>95,870.05</b>
<b>TOTAL REVENUES</b>		<b>7,153,302.58</b>
 <b>EXPENSES</b>		
MADISON HEIGHTS TRANSFER STATION		3,369.98
TROY TRANSFER STATION		157,215.21
MATERIAL RECOVERY FACILITY		449,369.71
HOUSEHOLD HAZARDOUS WASTE		20,951.27
COMPOST FACILITY		108,755.21
ADMINISTRATIVE AND GENERAL		436,163.21
COLLECTION CONTRACT EXPENSES		1,616,116.90
IN TRANSIT		3,360,031.76
<b>TOTAL EXPENSES</b>		<b>6,151,973.25</b>
 <b>NET INCOME BEFORE DEPRECIATION</b>		 <b>1,001,329.33</b>
DEPRECIATION		246,325.50
<b>NET INCOME</b>		<b>755,003.83</b>

**SOCRRA**  
**TOTAL SERVICE CHARGES**  
**07/01/23 - 09/30/23**

<b>MUNICIPALITY</b>	<b>TONS</b>	<b>SERVICE CHARGES</b>
BERKLEY	2,311.16	315,741.17
BEVERLY HILLS	1,676.50	218,247.00
BIRMINGHAM	3,494.98	489,109.00
CLAWSON	1,844.96	273,806.50
FERNDALE	3,495.77	608,444.05
HAZEL PARK	2,549.63	376,302.52
HUNTINGTON WOODS	913.89	117,011.16
LATHRUP VILLAGE	658.68	97,612.59
OAK PARK	3,347.54	559,633.33
PLEASANT RIDGE	420.85	61,943.68
ROYAL OAK	9,283.68	1,454,796.34
TROY	11,286.53	1,452,363.27
<b>TOTAL MEMBER</b>	<b>41,284.17</b>	<b>6,025,010.61</b>
<b>TOTAL OTHER CUSTOMERS</b>	<b>13,206.93</b>	<b>443,991.27</b>
<b>GRAND TOTAL</b>	<b>54,491.10</b>	<b>6,469,001.88</b>

**SOCRRA**  
**Capital Expenditures**  
**07/01/23 - 09/30/23**

**Capital Asset Expenditures**

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<b>Total</b>	<b>0.00</b>
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**Capital Asset Debt Service**

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Compost Screener Loan	12,387.72
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Compost Grinder Loan	39,629.58
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<b>Total</b>	<b>52,017.30</b>
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Board of Trustees  
SOCRRA

Subject: Investments – July 1, 2023 to September 30, 2023

Board Members:

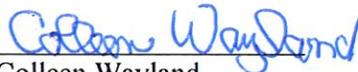
Attached is a list of investments made by the Authority during the first quarter of fiscal year 2023-2024. These investments comply with Act 79 of the Public Acts of 1979. The Authority’s investment policy is to have 90% or more of all available funds invested. On September 30, 2023, the Authority had 99.9% of all funds invested and accruing interest.

The Board of Trustees has authorized the General Manager to enter into agreements with Michigan First Credit Union, Flagstar, PNC, Oakland County’s Local Government Investment Pool and Michigan CLASS Local Government Investment Pool for the investment of surplus funds as provided for in Public Act 367. The attached list details interest income from these investments. The following table summarizes interest income over the prior 10 fiscal years.

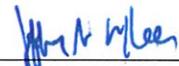
<b>Fiscal Year</b>	<b>Interest Earned</b>
2013/14	26,559
2014/15	23,483
2015/16	24,610
2016/17	67,040
2017/18	86,747
2018/19	71,581
2019/20	10,885
2020/21	28,656
2021/22	23,148
2022/23	87,486
2023/24 1 <sup>st</sup> Quarter	23,932

It is recommended that this report be received and filed and made a part of the Board record.

Submitted by:

  
 Colleen Wayland  
 Accounting & Finance Manager

Approved by:

  
 Jeffrey A. McKeen, P.E.  
 General Manager

Suggested Resolution: "That the investments report made by the Authority for July 1, 2023 to September 30, 2023 be received and filed and made a part of the Board record."

**SOCRRA INVESTMENTS**

First Quarter 2023-2024

<b>Interest Income by Account</b>	<b>July</b>	<b>August</b>	<b>September</b>	<b>Total Interest by Account</b>
1006 ZION BANK RESERVE FUND	2,091.62	2,159.17	2,242.21	<b>6,493.00</b>
1008 FLAGSTAR RECEIVING FUND	8.49	8.92	8.63	<b>26.04</b>
1008B FLAGSTAR ICS SWEEP RECEIVING	1,957.02	1,847.01	2,309.70	<b>6,113.73</b>
1009 FLAGSTAR O & M FUNDS	347.62	395.57	396.78	<b>1,139.97</b>
1010 ZION BANK BOND & INT REDEMPTION	320.31	191.78	2.28	<b>514.37</b>
1055 MI FIRST LONG TERM INVESTMENT	217.25	217.34	252.50	<b>687.09</b>
1105 PNC LONG TERM INVESTMENT	557.01	590.45	553.64	<b>1,701.10</b>
1110 OAKLAND COUNTY INVESTMENT POOL	923.69	442.82	1,043.74	<b>2,410.25</b>
1115 FLAGSTAR SAVINGS	868.51	915.54	889.13	<b>2,673.18</b>
1125 FLAGSTAR DEVELOPMENT CD	0.00	0.00	0.00	<b>0.00</b>
1130 FLAGSTAR CART FUND	34.36	36.22	35.17	<b>105.75</b>
1140 MI CLASS INVESTMENT POOL	233.18	927.88	906.41	<b>2,067.47</b>
1155 MMRMA INVESTMENT	0.00	0.00	0.00	<b>0.00</b>
<b>Total Interest by Month</b>	<b>7,559.06</b>	<b>7,732.70</b>	<b>8,640.19</b>	<b>23,931.95</b>

November 1, 2023

Mr. Jeffrey McKeen, General Manager  
SOCRRA  
3910 W. Webster Road  
Royal Oak, MI 48073-6764

**VIA ELECTRONIC MAIL**

**Re: Quarterly Legal Report/SOCRRA**

Dear Mr. McKeen:

This letter serves as the quarterly legal report for the past quarter. This report is also intended to set forth the expected legal work issues in the next quarter. This report is based on the issues presented to date. As the next quarter progresses, there may be new issues that require attention.

**I. CURRENT PROJECTS**

**A. Ongoing Service Provider Contract Issues**

Work with administration on the continued implementation of all four (4) service contracts as requested. Draft contract amendments as necessary. Assist in disputes as necessary. Analyze and address disputes and service-related issues as necessary. Strategy with administration on performance issues, penalties and site solutions.

Analyze and manage written contract disputes. Analyze dispute resolution requests as presented.

Work with administration to address member community disputes with service providers.

On-going meetings and conferences with service providers on contract performance and contract issues.

On-going discussions and strategy for 2027 RFP and contracts.

On-going strategy on General Manager search, placement and contract.

**B. Ongoing Landfill Issues**

SOCRRA is routinely inspected and receives a letter from the State on the results. As a result of meetings and negotiations, the landfill is now designated as closed by the MDEQ. The closure is retroactive to 2005 which provides SOCRRA with post closure relief in terms of the time and expenditures. Continue to analyze post closure obligations with administration and potential relief from end use plan financial obligations as currently imposed by the Circuit Court. Strategy with administration on fund release process. Continue to provide research and advise

on leachate management and compliance with PFAS discharge issues. Coordinate experts. Analyze recent State focus on PFOA and PFOS sampling results. Continue to review and assist with responses to State inspection issues. Continue to review and monitor all discharge issues. Continue to monitor gas sampling related to the closed Landfill.

C. Madison Heights Transfer Station/Troy Transfer Station

Continue to research upgrades and modifications to the facility. Ongoing discussion with EGLE on site compliance. Continue to monitor relationship with Madison Heights and EGLE.

Research and monitor ongoing issues with EGLE on Troy facility permit extension.

Continue to review and analyze sale of property issues, including indemnity on RAP documents and potential easement issues.

D. Compost Facility

Analyze site issues and potential expansion rights under Court rulings and controlling documents. Analyze site work issues and consulting contracts. Continue to analyze pending residential development near the facility. Analyze hours of operation and objectives of contractors.

II. NEXT QUARTER PROJECTS

A. Opinion Letters and Research as Requested and Authorized.

B. Review and develop contracts as requested on services/purchases required by SOCRRA.

C. Continued strategy on Madison Heights Transfer Station and facility improvements.

D. Continued review and conferences on potential sale and redevelopment of Madison Heights property as a whole.

E. Continue to review and determine impacts of recent changes to Part 115 regulations, including new Materials Management Plan requirements.

F. Continue strategy on Manager search, placement and contract terms.

G. Continue strategy on 2027 RFP and contract issues.

Should you have any questions and/or concerns, please do not hesitate to call.

Very truly yours,



Robert Charles Davis

SOCRRA TONNAGE ANALYSIS												
October 2023												
	MSW			Compost			Recyclables			Total		
	2021	2022	2023	2021	2022	2023	2021	2022	2023	2021	2022	2023
Municipality												
Berkley	558.03	445.99	<b>514.36</b>	225.62	218.36	<b>98.75</b>	131.07	104.55	<b>122.35</b>	914.72	768.90	<b>735.46</b>
Beverly Hills	305.76	323.10	<b>340.14</b>	60.00	130.00	<b>203.75</b>	94.28	99.57	<b>98.84</b>	460.04	552.67	<b>642.73</b>
Birmingham	765.79	693.27	<b>706.84</b>	62.50	140.00	<b>189.58</b>	214.96	178.88	<b>169.68</b>	1,043.25	1,012.15	<b>1,066.10</b>
Clawson	526.11	386.35	<b>356.32</b>	117.50	199.28	<b>105.00</b>	59.83	73.42	<b>63.71</b>	703.44	659.05	<b>525.03</b>
Ferndale	898.72	802.94	<b>822.51</b>	43.75	165.05	<b>182.50</b>	143.52	134.59	<b>149.69</b>	1,085.99	1,102.58	<b>1,154.70</b>
Hazel Park	703.99	538.47	<b>630.26</b>	145.00	116.00	<b>116.50</b>	80.36	67.31	<b>58.57</b>	929.35	721.78	<b>805.33</b>
Huntington Woods	176.15	171.14	<b>192.02</b>	40.00	76.06	<b>76.25</b>	62.89	63.82	<b>64.60</b>	279.04	311.02	<b>332.87</b>
Lathrup Village	134.77	158.79	<b>157.42</b>	40.00	62.89	<b>50.00</b>	27.89	26.67	<b>29.48</b>	202.66	248.35	<b>236.90</b>
Oak Park	958.12	831.80	<b>873.41</b>	169.98	152.25	<b>170.00</b>	122.03	80.78	<b>92.66</b>	1,250.13	1,064.83	<b>1,136.07</b>
Pleasant Ridge	83.01	99.73	<b>87.51</b>	47.50	59.40	<b>43.75</b>	28.64	33.39	<b>27.71</b>	159.15	192.52	<b>158.97</b>
Royal Oak	1,857.59	1,777.81	<b>1,834.37</b>	903.26	1,275.96	<b>600.67</b>	469.48	388.74	<b>421.03</b>	3,230.33	3,442.51	<b>2,856.07</b>
Troy	<u>2,239.42</u>	<u>2,217.58</u>	<u>2,358.96</u>	<u>1,034.58</u>	<u>1,381.25</u>	<u>1,286.25</u>	<u>450.79</u>	<u>459.46</u>	<u>462.00</u>	<u>3,724.79</u>	<u>4,058.29</u>	<u>4,107.21</u>
	9,207.46	8,446.97	<b>8,874.12</b>	2,889.69	3,976.50	<b>3,123.00</b>	1885.74	1711.18	<b>1,760.32</b>	13,982.89	14,134.65	<b>13,757.44</b>
Other Customers	4,047.33	4,173.06	<b>3,388.40</b>	12.50	12.50	<b>12.50</b>	558.45	566.52	<b>897.01</b>	4,605.78	4,752.08	<b>4,297.91</b>
Authority	13,254.79	12,620.03	<b>12,262.52</b>	2,902.19	3,989.00	<b>3,135.50</b>	2,444.19	2,277.70	<b>2,657.33</b>	18,588.67	18,886.73	<b>18,055.35</b>

**SOCRRA TONNAGE PERCENTAGES**

**October 2023**

	<b>MSW</b>	<b>Compost</b>	<b>Recyclables</b>
	Percentage of City's	Percentage of City's	Percentage of City's
	Total Waste Stream	Total Waste Stream	Total Waste Stream
<u>Municipality</u>			
Berkley	70%	13%	17%
Beverly Hills	53%	32%	15%
Birmingham	66%	18%	16%
Clawson	68%	20%	12%
Ferndale	71%	16%	13%
Hazel Park	78%	15%	7%
Huntington Woods	58%	23%	19%
Lathrup Village	67%	21%	12%
Oak Park	77%	15%	8%
Pleasant Ridge	55%	28%	17%
Royal Oak	64%	21%	15%
Troy	58%	31%	11%

**SOCRRA****Income Statement**

10/01/23 -10/31/23

	<b>Actual-Period</b>	<b>Budget-Period</b>	<b>Variance</b>
<b>REVENUES</b>			
MEMBER MSW	1,913,556.72	1,885,116.00	28,440.72
MONTHLY SURCHARGE	94,001.00	94,001.00	0.00
NON-MEMBER MSW	151,450.48	180,000.00	(28,549.52)
NON-MEMBER YARD WASTE	640.00	10,000.00	(9,360.00)
<b>TOTAL REVENUES</b>	<b>2,159,648.20</b>	<b>2,169,117.00</b>	<b>(9,468.80)</b>
<b>SALE OF RECYCLED MATERIAL</b>			
MIXED PAPER	51,049.86	20,000.00	31,049.86
NEWSPAPER	0.00	0.00	0.00
CARDBOARD	73,601.40	36,000.00	37,601.40
SORTED OFFICE PAPER	3,511.02	4,000.00	(488.98)
PLASTICS	18,971.90	21,000.00	(2,028.10)
SCRAP METAL	7,432.70	7,000.00	432.70
ALUMINUM CANS	48,264.00	12,000.00	36,264.00
TIN CANS	8,973.70	9,000.00	(26.30)
MIXED RECYCLING - OTHERS	78,244.09	56,000.00	22,244.09
BATTERIES	89.10	500.00	(410.90)
<b>TOTAL SALE OF RECYCLED MATERIAL</b>	<b>290,137.77</b>	<b>165,500.00</b>	<b>124,637.77</b>
<b>OTHER INCOME</b>			
COMPOST	9,567.00	15,000.00	(5,433.00)
RENTAL INCOME	12,235.00	10,000.00	2,235.00
INTEREST ON INVESTMENTS	10,571.88	7,000.00	3,571.88
GRANT REVENUE	7,350.00	0.00	7,350.00
MISC INCOME	110,220.46	2,000.00	108,220.46
<b>TOTAL OTHER INCOME</b>	<b>149,944.34</b>	<b>34,000.00</b>	<b>115,944.34</b>
<b>TOTAL REVENUES</b>	<b>2,599,730.31</b>	<b>2,368,617.00</b>	<b>231,113.31</b>
<b>EXPENSES</b>			
MADISON HEIGHTS TRANSFER STATION	1,365.06	4,000.00	(2,634.94)
TROY TRANSFER STATION	86,043.31	464,650.00	(378,606.69)
MATERIAL RECOVERY FACILITY	265,764.50	217,200.00	48,564.50
HOUSEHOLD HAZARDOUS WASTE	99,574.25	40,750.00	58,824.25
COMPOST FACILITY	68,281.37	59,100.00	9,181.37
ADMINISTRATIVE AND GENERAL	127,295.34	119,200.00	8,095.34
COLLECTION CONTRACT EXPENSES	1,525,611.62	1,316,667.00	208,944.62
<b>TOTAL EXPENSES</b>	<b>2,173,935.45</b>	<b>2,221,567.00</b>	<b>(47,631.55)</b>
<b>REVENUE OVER EXPENSES</b>	<b>425,794.86</b>	<b>147,050.00</b>	<b>278,744.86</b>

**SOCRRA**

**Income Statement**

07/01/23 -10/31/23

	<b>Actual-Period</b>	<b>Budget-Period</b>	<b>Variance</b>
<b>REVENUES</b>			
MEMBER MSW	7,656,564.33	7,540,464.00	116,100.33
MONTHLY SURCHARGE	376,004.00	376,004.00	0.00
NON-MEMBER MSW	594,841.75	760,000.00	(165,158.25)
NON-MEMBER YARD WASTE	1,240.00	16,000.00	(14,760.00)
<b>TOTAL REVENUES</b>	<b>8,628,650.08</b>	<b>8,692,468.00</b>	<b>(63,817.92)</b>
<b>SALE OF RECYCLED MATERIAL</b>			
MIXED PAPER	145,024.16	79,000.00	66,024.16
NEWSPAPER	0.00	2,000.00	(2,000.00)
CARDBOARD	226,307.45	144,000.00	82,307.45
SORTED OFFICE PAPER	3,511.02	8,000.00	(4,488.98)
PLASTICS	51,240.65	84,000.00	(32,759.35)
SCRAP METAL	42,886.58	28,000.00	14,886.58
ALUMINUM CANS	70,731.20	48,000.00	22,731.20
TIN CANS	28,261.29	35,000.00	(6,738.71)
MIXED RECYCLING - OTHERS	312,021.91	224,000.00	88,021.91
BATTERIES	89.10	1,500.00	(1,410.90)
<b>TOTAL SALE OF RECYCLED MATERIAL</b>	<b>880,073.36</b>	<b>653,500.00</b>	<b>226,573.36</b>
<b>OTHER INCOME</b>			
COMPOST	32,974.00	50,000.00	(17,026.00)
RENTAL INCOME	46,580.00	41,500.00	5,080.00
INTEREST ON INVESTMENTS	34,503.83	27,000.00	7,503.83
GRANT REVENUE	11,078.54	0.00	11,078.54
MISC INCOME	120,678.02	8,000.00	112,678.02
<b>TOTAL OTHER INCOME</b>	<b>245,814.39</b>	<b>126,500.00</b>	<b>119,314.39</b>
<b>TOTAL REVENUES</b>	<b>9,754,537.83</b>	<b>9,472,468.00</b>	<b>282,069.83</b>
<b>EXPENSES</b>			
MADISON HEIGHTS TRANSFER STATION	4,735.04	16,800.00	(12,064.96)
TROY TRANSFER STATION	243,258.52	976,600.00	(733,341.48)
MATERIAL RECOVERY FACILITY	715,134.21	866,800.00	(151,665.79)
HOUSEHOLD HAZARDOUS WASTE	120,525.52	167,000.00	(46,474.48)
COMPOST FACILITY	177,036.58	227,400.00	(50,363.42)
ADMINISTRATIVE AND GENERAL	558,270.69	569,600.00	(11,329.31)
COLLECTION CONTRACT EXPENSES	3,141,728.52	3,133,334.00	8,394.52
IN TRANSIT	3,620,709.04	2,944,001.00	676,708.04
<b>TOTAL EXPENSES</b>	<b>8,581,398.12</b>	<b>8,901,535.00</b>	<b>(320,136.88)</b>
<b>REVENUE OVER EXPENSES</b>	<b>1,173,139.71</b>	<b>570,933.00</b>	<b>602,206.71</b>

**SOCRRA**  
**FINANCIAL STATUS SUMMARY**  
**OCTOBER 2022 - OCTOBER 2023**

<u>Date</u>	<u>Unrestricted Cash</u>	<u>Working Capital</u>	<u>% of Goal</u>
10/31/2022	4,245,763	3,025,790	164.4%
11/30/2022	3,755,618	3,038,595	165.1%
12/29/2022	3,106,580	2,182,677	118.6%
1/31/2023	3,925,624	2,233,300	121.3%
2/28/2023	3,810,234	2,220,114	120.6%
3/31/2023	3,069,583	2,413,364	131.1%
4/28/2023	3,491,970	2,611,986	141.9%
5/31/2023	3,566,140	2,746,573	149.2%
6/30/2023	3,222,095	2,279,178	123.8%
7/31/2023	3,050,145	2,201,110	113.7%
8/31/2023	2,871,675	2,241,528	115.8%
9/30/2023	3,055,336	2,532,874	130.9%
10/31/2023	3,562,514	2,424,445	125.3%

**COMPOST PRODUCED & DELIVERED**  
*October 2, 2022 to October 28, 2024*

<b>Community</b>	<b>Finished Compost Received (cu. yds.)</b>	<b>Estimated Value</b>
Berkley	0	\$0
Beverly Hills	30	\$450
Birmingham	0	\$0
Clawson	0	\$0
Ferndale	0	\$0
Hazel Park	60	\$900
Huntington Woods	0	\$0
Lathrup Village	0	\$0
Oak Park	60	\$900
Pleasant Ridge	0	\$0
Royal Oak	120	\$1,800
Troy	120	\$1,800
	390	\$5,850
SOCRRA activities	0	\$0
Rochester Hills residents	15	\$225
Cash Customers	26	\$390
Account Customers	1,876	\$18,760
Donations	0	\$0
<b>TOTAL YARDS</b>	2,307	

October 27, 2023

Board of Trustees  
SOCRRA

Subject: Grant Agreement with Carton Council of North America

Board Members:

Attached please find a draft grant agreement between SOCRRA and the Carton Council of North America (Carton Council) for \$15,000 towards the equipment for the Glacier Robotics project at the MRF. The proposed agreement does require periodic data reporting, which is already required under the other grants that are providing the bulk of this funding for the Glacier Robotics project. Mr. Davis and I have supplied comments to the Carton Council on the draft agreement, but we have not yet received a response. I am recommending that the Board approve the Carton Council grant agreement subject to final review and approval from Mr. Davis and authorize me to execute the agreement.

Respectfully submitted,

Jeffrey A. McKeen, P.E.  
General Manager

Suggested Resolution: "That the Board approves the grant agreement between SOCRRA and the Carton Council of North America subject to final review and approval by Mr. Davis and authorizes the General Manger to execute the agreement"

## GRANT AGREEMENT

THIS GRANT AGREEMENT is made and entered into as of the last signature date below (the "Effective Date") by and between CARTON COUNCIL OF NORTH AMERICA, INC. ("CCNA") and SOUTHEAST OAKLAND COUNTY RESOURCE RECOVERY AUTHORITY ("Recycler"). CCNA and Recycler are sometimes referred to herein individually as a "Party" and collectively as the "Parties."

CCNA desires for Recycler to assist CCNA in its efforts to expand the recycling of gable top and aseptic cartons ("Post-Consumer Cartons") in Recycler's service area, and Recycler desires to undertake such efforts, on the terms set forth in this Agreement.

NOW, THEREFORE, in consideration of the mutual agreements and covenants contained in this Agreement, CCNA and Recycler agree as follows:

- Recycling of Post-Consumer Cartons. During the term of this Agreement, Recycler agrees to: (a) accept and sort gable top and aseptic cartons ("Post-Consumer Cartons") into one grade of recycled material at the facility located at 995 Coolidge Hwy., Troy, MI 48084 (the "Facility"); (b) offer Post-Consumer Carton recycling to all of the current and future municipal customers of the Facility and all third party haulers that deliver residential material to the Facility; and (c) sell mill-ready loads of recycled materials which include Post-Consumer Cartons. Recycler shall conduct the Post-Consumer Carton recycling activities contemplated by this Agreement, and shall perform its other obligations under this Agreement, in accordance with industry best practices and all applicable laws, including, without limitation, laws relating to workplace safety, lobbying, disclosure, ethics, and other laws governing business relationships with government entities. In addition, Recycler shall ensure that each recycled bale of materials recovered from its residential collection program meets all standards established by the Institute of Scrap Recycling Industry, Inc. for the contents of such bale.
- Capital Equipment Grant. Subject to the provisions of this Section 2, CCNA shall provide funds to Recycler in connection with Recycler's purchase of robotic sorting equipment (the "Equipment"). The Equipment shall be owned by Recycler, and Recycler shall ensure that the Equipment is used in connection with the sorting of Post-Consumer Cartons (along with other materials sorted in Recycler's discretion such as, for example, mixed paper or cups). The amount of funds to be furnished by CCNA for the purchase of the Equipment is \$15,000 (such amount being referred to herein as the "Equipment Funds"). The Equipment Funds shall be paid by CCNA to Recycler within ten business days after Recycler provides CCNA with confirmation (in a form acceptable to CCNA) that the Equipment has been delivered and installed, and is operational, at the Facility. Recycler shall use commercially reasonable efforts to maximize the volume of Post-Consumer Cartons recycled by it pursuant to this Agreement.
- Reporting. Upon request by CCNA from time to time during the term of this Agreement, Recycler shall report to CCNA the volume of recycled Post-Consumer Cartons produced by Recycler at the Facility during the requested reporting period.
- Term. The term of this Agreement shall begin on the Effective Date and shall continue in effect for a period of five years from the date the Equipment Funds are paid to Recycler, unless earlier terminated pursuant to Section 5(a) below.
- Grounds for Termination; Effect of Expiration or Early Termination.

(a) This Agreement shall automatically terminate upon expiration of the term described in Section 4 above. A Party may terminate this Agreement immediately upon the delivery of written notice to the other Party if the other Party breaches any material provision of this Agreement and fails or is otherwise unable to cure such breach within 30 days of receipt of notice of the breach from the non-breaching Party.

(b) Upon the expiration or earlier termination of this Agreement, all of the rights and obligations of the Parties hereunder shall terminate, except that expiration or earlier termination of this Agreement shall not (i) relieve either Party from any liabilities resulting from a breach of this Agreement which occurs prior to expiration or termination, (ii) relieve either Party from any payment obligation arising hereunder with respect to the period prior to expiration or termination, and (iii) result in a termination of any the following provisions which shall survive expiration or termination: 5(b), 6(a), 6(b), 7, 8 and 9.

6. Indemnification; Limitation of Liability.

(a) Recycler shall to the maximum extent permitted by applicable law, defend, hold harmless and indemnify CCNA and its officers, directors, employees and representatives from and against all liabilities, damages and costs, arising out of any third party claims caused by or resulting from the breach of this Agreement by Recycler.

(b) IN NO EVENT SHALL CCNA BE LIABLE UNDER THIS AGREEMENT FOR CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES, INCLUDING, WITHOUT LIMITATION, LOST PROFITS, REGARDLESS OF WHETHER SUCH DAMAGES ARE CLAIMED UNDER CONTRACT, TORT, OR ANY OTHER THEORY.

7. Intellectual Property Rights. Nothing in this Agreement shall be construed to grant to either Party any rights in the trademarks, service marks, trade names or other intellectual property of the other Party.

8. Confidentiality. Recycler shall not, during the term of this Agreement and for a period of three years after the expiration or termination of this Agreement, disclose to any third party (other than employees of Recycler on a need-to-know basis and Recycler's attorneys and accountants who need to know such information in connection with their performance of professional services for Recycler), and third parties approved in writing by CCNA, any of the financial arrangements described in Section 2 above. Recycler shall ensure that each person receiving or otherwise having access to such information complies with the restrictions contained in this Section. Notwithstanding the foregoing, the provisions of this Section 8 shall not apply to the extent any of such information (i) becomes generally available to the public (other than as a result of a direct or indirect disclosure by Recycler) or (ii) is required to be disclosed in order to comply with applicable law or a court order. CCNA shall be entitled to an injunction or injunctions to prevent breaches of any provisions of this Section and may specifically enforce such provisions in any action instituted in any court having appropriate jurisdiction. These specific remedies are in addition to any other remedy to which CCNA may be entitled at law or in equity.

9. Miscellaneous. This Agreement, including the Preamble and Recital above, both of which are incorporated into this Agreement by reference, constitutes the entire agreement between the Parties relating to the subject matter hereof, supersedes any other business forms of either Party, and all prior agreements, correspondence, discussions, negotiations and understandings of the Parties are merged herein, made a part hereof, and superseded hereby. This Agreement will be governed by and construed in accordance with the laws of the State of Illinois, without regard to conflicts of law principles. This Agreement will be binding upon, inure to the benefit of and be enforceable by the Parties and their permitted successors and permitted assigns. The provisions of this Agreement may not be amended or waived unless such amendment or waiver is set forth in a writing signed by both Parties. Neither Party

may assign this Agreement, or any rights or obligations under this Agreement, without the prior written consent of the other Party; and any attempted assignment without such consent will be null and void and of no force or effect. This Agreement may be executed in counterparts, each of which shall be deemed an original and both of which, taken together, shall constitute one and the same instrument. Signatures for the Parties transmitted by facsimile or other electronic means shall be deemed to be their original signatures for any purpose whatsoever.

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed by their duly authorized representatives.

CARTON COUNCIL OF NORTH AMERICA, INC.

By: \_\_\_\_\_  
Print Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date \_\_\_\_\_

By: \_\_\_\_\_  
Print Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date \_\_\_\_\_

SOUTHEAST OAKLAND COUNTY RESOURCE RECOVERY  
AUTHORITY

By: \_\_\_\_\_  
Print Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date \_\_\_\_\_

November 1, 2023

Board of Trustees  
SOCRRA

Subject: Purchase of Baler Wire

Board Members:

The supply of baler wire for the MRF baler seems to have stabilized. Our vendor, Accent Wire, is continuing to be able to supply us with a half truck of wire, which was our typical order before the pandemic supply chain issues began. This quantity of wire should last us about four months. Accent is quoting a price of \$1.0295 per pound which is 7% less than the price for our most recent wire order in May of 2023.

The product from Accent Wire has resulted in superior performance in our MRF and minimized the number of maintenance issues we had with our bale wire tie machine, which is manufactured by Accent Wire. Accent has also been the low bidder for every purchase since the MRF reopened. Accent was also the only bidder that responded to our most recent solicitation of wire bids.

I am recommending the purchase of a half truck load of wire from Accent Wire under sole source provision of SOCRRA's Purchasing Policy.

Respectfully submitted,

Jeffrey A. McKeen, P.E.  
General Manager

Suggested Resolution: "That the Board authorizes the purchase of a half truck load of baler wire from Accent Wire Products at a cost of \$1.0295 per pound under the sole source provision of SOCRRA's Purchasing Policy."

October 31, 2023

Board of Trustees  
SOCRRA

Subject: Audit Report – 2022/23

Board Members:

This report is a summary of the audit for 2022/23. The audit will be reviewed by the Advisory Committee on November 2, 2023. The draft audit and the draft management letter, both of which were prepared by Plante & Moran, are included as separate attachments to the agenda e-mail. The final audit and management letter will be prepared following the Advisory Committee meeting. I will be presenting the audit to the Board at the November Board meeting.

The audit is an unqualified opinion, which is the best possible opinion. The auditors did not have to make any adjusting journal entries to properly close the books at the end of the year.

The net position of SOCRRA increased by \$796,439 during the 2022/23 fiscal year. This was due to operating revenues being greater than operating expenses and depreciation. The net operating income, before depreciation of \$1,833,689 was \$916,506 less than planned. As of June 30, 2023, our working capital was 1.47%, which is a decrease from the 3.59% as of June 30, 2022 and it is still below the 7.5% goal level set by the Board.

### **MATERIAL PROCESSED**

SOCRRA processed 225,899 tons of material during the 2022/23 fiscal year. This was 2,032 tons (0.9%) less than the tons processed in the previous fiscal year. This was our second consecutive of slightly decreased tonnage following three consecutive years of increasing tonnage. Tonnage from the member communities decreased by 1.8% while non-member tonnage increased by 0.4%. The table on the next page illustrates the tonnage processed by SOCRRA for each fiscal year for 2012/13 to 2022/23.

### **BUDGET ANALYSIS**

Total revenues for 2022/23 were \$541,287 above budget. Total operating expenditures for 2022/23 were \$1,457,793 greater than budget. The revenue generated in excess of operating expenditures was \$1,833,689 for the year. This revenue was insufficient to pay for all of our bond principal and interest expenses, capital expenses and our incremental pension funding and resulted in a decrease in our working capital of \$459,939 for the year.

## **HISTORY OF TONNAGE PROCESSED**

<u>Fiscal Year</u>	<u>Total Tons</u>	Variance (Tons) Over <u>Previous Year</u>
2012/13	193,308	+1,119
2013/14	202,558	+9,248
2014/15	230,644	+28,086
2015/16	213,371	-17,273
2016/17	226,080	+12,709
2017/18	199,497	-26,583
2018/19	202,507	+3,010
2019/20	221,436	+18,929
2020/21	227,931	+6,495
2021/22	225,899	-2,032
2022/23	222,987	-2,912

### **NET POSITION**

The net position of SOCRRA increased by \$796,439 during the 2022/23 fiscal year to a total of \$8,595,062. This increase is due to the net operating income for the 2022/23 fiscal year being more than our bond principal and interest expenses and incremental pension plan funding. Our statement of Net Position includes a total landfill liability of \$0.8 million, which will be paid off over the next 13 years and a pension liability of \$2.5 million which will also be paid off over an extended period of time. As of June 30, 2023, SOCRRA had unrestricted net assets of \$248,899.

A table showing the total tons by municipality for 2018/19 through 2022/23 is attached for your information.

Respectfully submitted,

Jeffrey A. McKeen, P.E.  
General Manager

Suggested Resolution: "That the Audit Report of SOCRRA for the fiscal year ending June 30, 2023, prepared by Plante & Moran, Certified Public Accountants, be received and filed."

SOCRRA

DISPOSAL SERVICE - MSW, COMPOST & RECYCLED MATERIAL

TOTAL TONS BY MUNICIPALITY

	<u>2018/19</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>
Berkley	9,826	10,559	10,729	10,527	10,241
Beverly Hills	6,491	7,212	7,103	6,765	6,374
Birmingham	16,058	16,561	17,347	15,883	16,059
Clawson	8,410	8,139	8,760	8,039	7,633
Ferndale	14,606	14,830	14,930	14,396	13,884
Hazel Park	8,533	9,664	10,666	10,119	8,895
Huntington Woods	4,345	4,596	4,659	4,191	4,233
Lathrup Village	2,886	3,110	3,063	2,920	2,868
Oak Park	14,332	14,495	15,513	14,067	14,316
Pleasant Ridge	2,237	2,310	2,276	2,109	2,105
Royal Oak	39,876	41,751	41,276	39,730	39,697
Troy	42,711	44,061	44,550	43,741	43,067
Other Customers	32,196	44,148	47,058	53,412	53,613
SOCRRA	202,507	221,436	227,931	225,899	222,987
Variance	+1.5%	+9.4%	+2.9%	-0.9%	-1.3%

November 2, 2023

Board of Trustees  
SOCRRA

Subject: Operations Update

Board Members:

SOCRRA operations continued in a normal fashion during October.

Collection

The collection contractors were able to remain on schedule for all of October until the last day of the month when Tringali was unable to complete yard waste collection in Troy. The good performance of the contractors during October was partially due to the late start to the fall leaf season. GFL and Tringali continue to collect later into the evenings as has been typical in recent months. Trash tonnage continues to be very close to last year's tonnage.

October 2023 had one more collection day than October 2022, therefore we would expect to see a 4.8% increase in tonnage if everything else was equal. Member refuse tonnage was 5.1% higher than October 2022 and member recycling tonnage was 2.9% higher than in October 2022. Member yard waste was 21.5% lower than October 2022 due to the late start of the fall leaf season.

	October <u>2023 tons</u>	October <u>2022 tons</u>	<u>% change</u>
Refuse	8,874	8,447	+ 5.1%
Recycling	1,760	1,711	+ 2.9%
Yard Waste	<u>3,123</u>	<u>3,977</u>	<u>- 21.5%</u>
TOTAL	13,757	14,135	- 2.7%

SOCRRA Operations

SOCRRA operations at the Transfer Station were normal through October. GFL did not have any service issues in October.

We have resolved the issues with GFL and GFL's insurance carrier over the payments for the repairs to the damaged concrete beam over the exit door of the Transfer Station.

The amount of non-SOCRRA trash was 19% lower in October 2023 compared with October 2022 and was 18% lower than budgeted.

Between Leadpoint and CEO, the MRF is close to being fully staffed with sorters on most days.

The AMP sorting robot has been fully operational for a year and continues to function well. We have received the final grant payments from both Michigan EGLE and from The Recycling Partnership for the AMP robot.

We are continuing to work on a grant agreement with Glacier Robotics, which should be completed in November. The scanners for the Glacier robot are scheduled to be installed on November 7 and 8. The data from the scanners will be used to train Glacier's artificial intelligence system on our materials. The tentative in-service date for the robot is March 4, 2024. The design of the electrical power for the robot is in progress as the specifications from Glacier are a little unusual. I am asking for approval of the final grant agreement for this project, between SOCRRA and The Carton Council, in the Consent Agenda for the November Board meeting.

The Closed Loop Fund, which provides low interest loans for MRF improvement projects, has requested that we submit a formal plan for MRF improvements. These improvements could include additional robots, an optical sort system and walking floors for our paper and cardboard bunkers. We are working on this plan.

We have almost completed the Recycling Quality Improvement grant activities in Oak Park. The pre-audit of Oak Park's recyclables was completed during the last week of September. A sample was taken from each recycling truck that serviced Oak Park and the materials were sorted into 33 different categories. The post-audit sort is taking place during the week of November 13. The in-the-field inspections of the recycling carts began on Monday, October 2 and continued into early November. This work is being performed by CEO. CEO had a number of difficulties performing this work that centered around CEO not having sufficient, consistent staffing. Our office only received a handful of complaints from concerned Oak Park residents. We did receive a small number of other calls, all of which were from residents curious about recycling and the quality improvement study.

We have begun planning the programs for Berkley and Troy for the Spring of 2024. These programs are complicated by Tringali's current method of providing service to the Troy Thursday area and the Berkley Friday area by bringing all of their recycling trucks into these comparatively small areas.

Revenue from the sale of recycled material was 94% above budget in October due to higher commodity prices and increased shipments of finished materials that had built up in recent months due to trucking and market issues. For the fiscal year to date, revenue from the sale of recycled material is 32% above budget.

We will receive the paper prices for November on November 6. I will report on those prices at the November Board meeting. October revenue from the sale of paper products was 114% above budget.

The recycled plastic market has stabilized with modest price increases during October. CleanTech, our usual purchaser of plastics, is still not buying any PET. We have identified two alternate purchasers of PET, and we were able to move all of the stockpiled PET during October. Prices for three of the four types of plastic are significantly lower than budgeted for this year. For the month of October, revenue from the sale of plastics was 10% below budget.

Metal prices for October were unchanged for tin cans and aluminum while scrap metal prices declined by 8%. October metal prices were about at the budgeted level. October revenue from

the sale of scrap metal was 131% greater than budget because we shipped two loads of aluminum during October.

The number of recycling drop-off appointments increased in October to 3,831 compared with 3,581 in September and 3,576 appointments in October of 2022. Eight days in October, including one of the Saturdays, were not fully booked. This means we were able to maintain availability of next day appointments until late in the afternoon throughout the month. We routinely have eight to ten days with available appointments.

We are continuing our schedule of Saturday appointments being available about every other week. We had appointments available for two Saturdays in September, both of which were fully booked. Our current Saturday schedule is as follows:

November 4, 18, 25  
December 2, 16, 30  
January 6, 20

We continue to closely monitor the number of available appointments.

The Compost Site staff has cleaned the compost pad for the fall leaves and we are awaiting their arrival. We are working with two of our large compost purchasers to sell volumes of material at a reduced price. That allowed us to sell a significant amount of finished compost during October.

Plante Moran has completed all of their field work for the 2022/23 audit. The auditors were very complimentary of our readiness for the audit and the cooperation of the SOCRRA staff. The Advisory Committee is scheduled to meet on November 2 to review the draft audit. The final audit will be reviewed with the Board at the November Board meeting.

Respectfully submitted,

Jeffrey A. McKeen, P.E.  
General Manager

Suggested Resolution: "That the report on Operations Update be received and filed."

November 2, 2023

Board of Trustees  
SOCRRA

Subject: Fall Leaf Season Operations

Board Members:

Fall leaf season operations are just beginning, which is a little later than in recent years. We are continuing the same community leaf collection operations as the last few falls with using the community DPW locations for storing the leaves collected by municipal crews. The leaves are then transported to SOCRRA's Compost Site by the SOCRRA trucking contractor.

Car Trucking is using the same operations plan that has been used for several years using the Birmingham and Ferndale DPW yards.

The agreements are in place to allow GFL to deliver bagged yard waste from Oak Park to the Ferndale southwest storage yard. We will be monitoring this operation throughout the remainder of the fall.

Tringali has chosen not to sign either the agreement that would allow Tringali to deliver bagged yard waste to the DPW locations for their communities or the agreement that would provide access to the compost site after our normal work hours.

Dequindre road north of Hamlin Road will be closed to through traffic as of Monday, November 6 but access to the Compost Site will be maintained at least through the end of yard waste collection on December 15.

SOCRRA has also been routinely waiving the beginning of day delivery times (refuse 8:00 AM, recycling 7:30 AM and yard waste 8:00 AM) and the end of day delivery times (refuse 6:00 PM, recycling 4:00 PM and yard waste 5:00 PM) specified in our contracts. SOCRRA has not been enforcing those time limits in order to assist the contractors to remain on schedule.

Respectfully submitted,

Jeffrey A. McKeen, P.E.  
General Manager

Suggested Resolution: "That the report on Fall Leaf Season Operations be received and filed."

October 31, 2023

Board of Trustees  
SOCRRA

Subject: Disaster Debris Management Plan Project

Board Members:

The kickoff meeting for the Disaster Debris Management Plan project is being held on Thursday, November 16 at 9:00 at the Southfield Public Library, 26300 Evergreen. The meeting invitation is attached. I am requesting that each community be represented at this meeting. I will be reaching out to each Board member to identify the appropriate individual to represent your community.

I have also attached the draft work plan for this project. While the plans are being prepared by Tetra Tech, they will be relying on data provided by SOCRRA and by each SOCRRA member community. SOCRRA staff will be working with your community's representative to coordinate the responses to the data requests that will be coming from Tetra Tech. We will also be working with your community's representative to identify a temporary debris management site within each community that would be used in case SOCRRA facilities were overwhelmed or were unable to be used.

Respectfully submitted,

Jeffrey A. McKeen, P.E.  
General Manager

Suggested Resolution: "That the report on Disaster Debris Management Plan Project be received and filed."

## RRRASOC and SOCRRA Debris Management Kickoff Invitation Letter

The Resource Recovery and Recycling Authority of Southwest Oakland County (RRRASOC) and the Southeastern Oakland County Resource Recovery Authority (SOCRRA) are embarking on a project to develop a Disaster Debris Management Plan (DDMP) for their member communities. The DDMP will outline roles and responsibilities and provide jurisdiction specific appendices to help guide member communities in responding to a large debris generating incident such as a winter storm, flood, or a tornado. The RRRASOC and SOCRRA have contracted with Tetra Tech, Inc. to assist in the development of the plan.

To kick off this important project, a meeting will be conducted on November 16, 2023, at 9:00 a.m. at the Southfield Public Library, 26300 Evergreen Road. In this meeting, the importance of debris management planning will be discussed, the timeline of the project will be identified, potential roles and responsibilities under the plan will be examined, and the role of city departments and other agencies in development of the plan will be discussed. An online meeting option will also be made available for those unable to attend in person.

As a key stakeholder with a potential role in debris management, your participation in this meeting is strongly encouraged. Please respond to Jeff McKeen at [jmckeens@socra.org](mailto:jmckeens@socra.org) by close of business on November 8, 2023 to let us know if you can attend. If you cannot attend, please designate another representative from your department or agency who can attend this meeting.

Thank you very much for your participation in this important project. Please let me know if you have any questions.

# RRRASOC and SOCRRA Disaster Debris Management Project Work Plan October 17, 2023

## SCOPE OF SERVICES

### TASK 1: PROJECT INITIATION & MANAGEMENT RESPONSIBILITY

**Project Planning Meeting.** Tetra Tech will initiate the project by conducting a project planning meeting with the Project Management Team. During this meeting, Tetra Tech and the Project Management Team will establish the overarching planning objectives that will define the disaster debris management planning process, determine project milestones, and introduce the Tetra Tech project team members.

Together, the Tetra Tech project manager and the Project Management Team will accomplish the following:

- Confirm the project schedule, deliverables, and planning assumptions.
- Identify key stakeholders from municipalities to participate in the project.
- Identify critical path activities, decision points, and key inputs required.
- Discuss data needed for plan development. This can include jurisdiction emergency plans, equipment lists, organization charts, health and safety plans, priority street and facility lists, as well as other information deemed necessary for the planning effort.
- Establish project communication and coordination protocols between Tetra Tech, and participating jurisdictions.

Tetra Tech will provide a meeting agenda to help guide discussion and will prepare meeting minutes to capture the key decisions and outcomes of the project planning meeting.

**Work Plan.** Within one week of the project scoping meeting, the Tetra Tech project manager will provide the Project Management Team with a detailed work plan, which will identify the core goals, objectives, and scope of the disaster debris management plan (DDMP) project. Once approved, the work plan will guide the development, execution, and follow-up phases of the project.

**Progress Reports.** During the project, project reports will be provided to the Project Sponsor about every two weeks which identifies the accomplishments during the two-week reporting period, the objectives for the next reporting period, as well as an overall status of deliverables and timelines.

**Project Kickoff Meeting.** Following the project scoping meeting, Tetra Tech will begin the project by facilitating a DDMP project kickoff meeting with the broader planning team from SOCRRA and RRRASOC and participating jurisdictions. The kickoff meeting will last approximately two hours and will be conducted online in keeping with social distancing protocols. The kickoff meeting will provide an overview of disaster debris management operations, highlight the disaster debris management planning process, address the need for various staff involvement from each jurisdiction in the overall project, and outline the phases and timeline of the DDMP planning project. Tetra Tech will develop a PowerPoint presentation, an agenda, and sign-in sheets for the meeting. Meeting minutes will be prepared after the kickoff meeting to capture the key points of discussion.

Tetra Tech will work with the Project Sponsor and the participating jurisdictions to develop the DDMP and jurisdictional annexes to comply with the National Incident Management System (NIMS), Incident Command System (ICS), Federal Emergency Management Agency (FEMA) Publication Assistance Program and Policy Guide (PAPPG), Federal Highway Administration (FHWA) Emergency Relief Fund guidelines, and U.S. Environmental Protection Agency best practices for debris management. (Please note: Since elimination of the debris plan increased match incentive, FEMA no longer reviews DDMPs, but the local DDMP addendum will be developed to meet the requirements FEMA had outlined as part of the Alternate Procedures Pilot Program for Debris Removal).

## **TASK 2: DATA GATHERING**

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**Data Gathering.** Tetra Tech will develop the DDMP and jurisdiction specific appendices by researching, reviewing, and incorporating participating jurisdictions' documents relating to debris removal operations. In addition, Tetra Tech will conduct online planning meetings with representatives from participating jurisdictions as well as SOCRRA and RRRASOC to gather information for plan development. Information to be discussed will be departmental roles and responsibilities, resources such as equipment and vendors that can be brought to bear in response to a debris generating disaster, potential locations for temporary debris management sites, priority streets, debris zones, existing relevant plans and procedures maintained by the jurisdiction, and other information specific to the needs of the jurisdiction.

## **TASK 3: DRAFT DDMP DEVELOPMENT**

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Following the jurisdictional planning meetings Tetra Tech will develop the draft DDMP and jurisdiction specific appendices to include the following components:

- Organizational structure and responsibilities for participating jurisdictions as well as other stakeholders (regional, state, federal, and private partners) involved in debris removal, handling, transportation, processing, and disposal operations.
- Clearly defined, Incident Command System (ICS)-based management structure and reporting process strategies and processes that support effective decision making and prioritization
- Identification of the participating jurisdiction's role in managing debris clearance and removal operations for their jurisdictions as well as the role of the County in providing support for jurisdictions in the operational area.
- Temporary Debris Management Site (TDMS) selection criteria and planning
- Debris management collection and handling strategies based on debris types and mixes (vegetative debris; hazardous stumps, leaners, and hangers; construction and demolition debris; hazardous waste; and white goods)
- Pre-event preparations prior to an impending debris-generating incident
- Post-event response
- Sample public information content and press releases
- Debris reduction options
- Final disposal of debris including methods for maximizing material diversion through reuse and recycling
- Use of contracted services for debris operations including processes for pre-qualifying contactors
- Private property debris removal and demolition processes
- Health and safety considerations
- Environmental and other regulations

**Debris Forecasting.** To provide estimates of the potential types and quantities of debris that jurisdictions might encounter in response to a debris generating disaster, Tetra Tech will collect County and local

hazard mitigation plans, examine historical records of disasters and other data to derive a list of the debris generating disaster most likely to occur in the area and the types of debris and the estimated quantities of debris that could be generated. The types of hazards may include: weather, ice storm, seismic, wildfire, flood and other incidents that are deemed significant and appropriate for inclusion. The types of debris that might be generated from such disasters may include:

- Construction & Demolition Waste
- Vegetative and Woody Debris
- White Goods/Scrap Metal
- Concrete/Asphalt/Rubble
- Electronic Items
- Soil/Mud
- Hazardous Waste (Ignitable, Corrosive, Toxic, Reactive)
- Putrescent Waste (Food, Animal)
- Vehicles/Boats
- Infectious Waste
- Recyclable/Reusable Materials
- Contaminated Wastes
- General Refuse

**Mutual Aid.** In examining the resources available to respond, an important resource to consider is mutual aid. As some contract resources may take some time to activate and respond to the incident, mutual aid resources located in the immediate area might be able to provide a more timely response until other resources can be brought on board. In developing the plan Tetra Tech will:

- Assess existing mutual aid agreements within a 200-mile radius;
- Identify and outline procedures to request mutual aid;
- Provide a model Mutual Aid Agreement, if necessary;
- Provide contact information at the State and County levels for requesting and coordinating mutual aid assistance.

**Debris Removal.** In developing the debris management strategy, Tetra Tech will lay out a phased approach to the preparation, response, and recovery from a debris generating incident. While understanding that every disaster is different, the phased approach will help the jurisdiction to have a good understanding of the actions that will need to be taken based on general time frames in the disaster timeline.

In addition to outlining steps to be taken in the process, Tetra Tech will also examine resources that might be brought to bear in the response. Included will be an assessment of current SOCRRA-RRRASOC and member community refuse/recycling collection and processing contracts to determine if they have the resources and if contracts are conducive to federal reimbursement guidelines. Tetra Tech will also review member community public works resources and the Oakland County disaster debris management plan to evaluate the county's and member community's existing capacity for debris management operations. Resources lists of equipment will be included with each jurisdiction specific appendix to the DDMP.

Tetra Tech will include in the plan guidance regarding staging areas, residential drop off sites, and curbside collection options for disaster debris collection as well as considerations for debris monitoring activities. The DDMP will seek to use existing, permitted solid waste and recycling processing and disposal facilities and will plan for use of Debris Management Sites (DMS), as necessary to temporarily store and reduce debris before it is recycled or removed for disposal. The DDMP will identify suitable locations for TDMS as identified by local agency staff and County Environmental Health staff, within each member community. Information will also be included regarding review of any Michigan emergency waiver of solid waste facility standard regulations to facilitate TDMS operations. A model design for TDMS

operations will also be included showing traffic flow, monitoring operations, materials storage and reduction. A set-up checklist, health and safety requirements, environmental considerations and relevant regulations will also be included in the DDMP.

The DDMP will discuss how existing collection/disposal services, pre-qualified contractor services and mutual aid services might be integrated in an organized response to a debris generating incident. The DDMP will also cover specialized debris operations and requirements such as private property debris removal, hazardous limbs, dangerous trees and stumps, contaminated debris, electronic waste (e-waste), white goods, vehicles, and masonry.

Public information will also be discussed in the DDMP with sample messages provided that can be tailored based on the phase of the debris operation. Public information will discuss the importance of residential separation of debris, the use of residential drop off sites, TDMS, the status of operations, and the use of social media to inform the public and dispel rumors.

**Debris Reduction, Recycling & Disposal.** The DDMP will utilize a debris reduction, recycling, and disposal strategy that identifies and plans to use materials management facilities and landfills within Oakland County, as well as sites within a 100-mile radius of the SOCRRA-RRRASOC service area. The plan will also identify procedures and facilities that will support maximum diversion of debris material before landfilling with documentation of diverted materials and either weights or cubic yardage estimates. Since donated goods can often become a disposal issue following a disaster, the DDMP will touch on donations management and who will have responsibility for managing donations following a disaster in the county.

Guidance for the procurement of contractors will be included in the DDMP including a checklist to aid jurisdictions in qualifying potential contractors in accordance with the Code of Federal Regulations. A scope of work for debris hauler services and an example of standard contract format will also be included. Resources to connect with potential debris service contractors will also be provided in the DDMP.

The DDMP will also provide tools to aid in tracking disposal and diversion of debris. Record templates will be developed using existing FEMA and State of Michigan guidelines or current/approved formats provided by both agencies. The documentation will track debris from origin to its final destination as is required for debris monitoring for each member community.

## **TASK 4: DRAFT PLAN REVIEW AND FINALIZATION**

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Following completion of the draft DDMP, the draft DDMP will be circulated for review to SOCRRA-RRRASOC member communities including their first responder agencies for review and comment not later than the fifth month of development. An online plan review meeting will be conducted to review the DDMP and solicit feedback. The final month (Month 6) will be used for SOCRRA-RRRASOC/DDPT review and submission to Michigan State Police for their staff review and approval. (Please note: Since elimination of the debris plan increased match incentive, FEMA no longer reviews DDMPs, but the DDMP will be developed to meet the requirements FEMA had outlined as part of the Alternate Procedures Pilot Program for Debris Removal). Plan finalization will include submission of the final plan with all required attachments to SOCRRA-RRRASOC.

## **TASK 5: TRAINING AND ORIENTATION**

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Following plan finalization, Tetra Tech will conduct an on-site one-and a half hour presentation to the SOCRRA-RRRASOC Board of Directors. The presentation will provide a high-level overview of the plan and the responsibilities of member communities, contractors, state, and federal agencies.

During the same trip as the Board of Directors training, Tetra Tech will also provide an onsite half day training to SOCRRA-RRRASOC and member community staff who will be responsible for implementing the plan at the local and operational area Emergency Operations Centers. In addition, Tetra Tech will provide a recorded training module that may be used by member communities to train other staff,

## PLANNING TEAM

**Exhibit 1: Tetra Tech Project Contact**

Name	E-mail	Phone
Brian Rutherford	<a href="mailto:brian.rutherford@tetratech.com">brian.rutherford@tetratech.com</a>	281-414-6741
Katelyn Tisch	<a href="mailto:katelyn.tisch@tetratech.com">katelyn.tisch@tetratech.com</a>	302-283-2278
Lisa Danner	<a href="mailto:lisa.danner@tetratech.com">lisa.danner@tetratech.com</a>	828-773-4724

**Exhibit 2: Project Contact**

Organization	Name	E-mail	Phone
RRRASOC	Michael Csapo	<a href="mailto:mcsapo@rrrasoc.org">mcsapo@rrrasoc.org</a>	248-910-6439
SOCRRA	Jeff McKeen	<a href="mailto:jmckeen@socwa.org">jmckeen@socwa.org</a>	248-288-5150

## PROJECT SCHEDULE/TIMELINE

**Exhibit 3: Proposed Project Schedule**

Phase	Target Date
<b>Task 1: Project Initiation &amp; Management Responsibility</b>	
Project Planning Meeting	October 17, 2023
Work Plan	October 24, 2023
Project Kickoff Meeting	November 16, 2023
<b>Task 2: Data Collection</b>	
Data Gathering (including online meetings with jurisdictions)	November 2023 through January 2024
<b>Task 3: Draft DDMP Development</b>	
Draft DDMP	November 2023 to March 2024
<b>Task 4: Draft Plan Review and Finalization</b>	
Review of draft DDMP	March 2024
RRRASOC, SOCRRA, and Michigan State Police review of plans.	April 2024
<b>Task 5: Draft DDMP Development</b>	

Phase	Target Date
Board of Director Training	May 2024
Community Member Training	May 2024

October 13, 2022

Board of Trustees  
SOCRRA

Subject: Additional Contribution to MERS Pension Plan

Board Members:

The table below displays SOCRRA's unfunded liabilities as of December 31, 2022 for pension liabilities (from MERS) and as of June 30, 2023 for OPEB liabilities (from the Milliman actuarial report):

Plan	Unfunded Liability
Salaried DB Pension (SOCRRA share)	\$ -173,183
Union DB Pension	\$ 1,387,676
Salaried OPEB (SOCRRA share)	\$ -150,841
Union OPEB	\$ -277,146
Union Hybrid Pension	\$ 7,835
TOTAL	\$ 794,341

This same table for 2022 showed a total unfunded liability of \$303,000. The major reason for the increase in unfunded liability was the poor market performance during 2022.

The SOCRRA budget for 2023/24 included a \$195,000 incremental contribution to the Union DB plan. I am proposing to make that contribution before the end of 2023 so that the pension contribution will be included in the actuarial valuation that MERS will perform as of December 31, 2023.

Our budget for 2023/24 included paying the union retiree health insurance expenses from the OPEB trust fund, which we have been doing since January 1, 2022.

Our budget for 2024/25 will probably include another incremental pension contribution of \$195,000. Future budgets will probably require additional pension contributions to continue to improve our funding level. We should receive our next MERS actuarial statement in June 2024, and we will perform our next OPEB actuarial analysis in August of 2024. The Board will be updated regarding our funding status after those reports are received.

Respectfully submitted,

Jeffrey A. McKeen, P.E.  
General Manager

Suggested Resolution: "That SOCRRA contribute an additional \$195,000 to the MERS Union DB plan before December 31, 2023 to reduce the unfunded liabilities for that plan."

October 27, 2023

Board of Trustees  
SOCRRA

Subject: Policy Statement on Batteries

Board Members:

Mike Csapo, General Manager of RRRASOC, has been working with a group of Michigan MRF operators, including SOCRRA, to develop a policy statement on batteries. The draft policy statement and some background information is attached. I am recommending that the Board adopt this policy statement.

The purpose of this policy statement is to encourage EGLE and the Michigan Legislature to develop extended producer responsibility (EPR) laws in Michigan for batteries. As MRF and transfer station operators, we feel that we have been left to deal with these problematic materials with no assistance from the manufacturer of these products. In this case, having EPR requirements in place for batteries could help fund emerging technologies for the detection of those batteries before they cause fires or to help fund fire detection and suppression systems.

As discussed in the policy statement, batteries have caused fires throughout the recycling and waste industries in Michigan. SOCRRA has had several small fires that we believe are caused by batteries. EPR laws or regulations should help to mitigate the risk posed to SOCRRA by batteries in our recycling and trash streams.

Respectfully submitted,

Jeffrey A. McKeen, P.E.  
General Manager

Suggested Resolution: "That the Board adopts the Policy Statement on batteries."

## Policy Statement

Batteries have become an important and nearly unavoidable aspect of our modern economy. Businesses, institutions, and homeowners rely on a myriad of products, tools, and devices that are powered by an ever-growing variety of batteries. Indeed, batteries have become an integral component of many items that have made our lives more productive and convenient.

However, for all the benefits of batteries, they also represent a significant risk when improperly used, stored, or managed at the end of their useful life. In particular, when mismanaged, certain batteries present a dangerous fire hazard that poses a threat to the health, safety, and welfare of residents and workers. The improper storage, transportation, and/or disposal of batteries constitutes a substantial fire threat to homes, businesses, and vehicles. In fact, such fires have become increasingly common in homes and businesses.

While there is some education and programming around the proper use, storage, and disposal/recycling of batteries, the incidence of battery-related fires continues to grow. The need for more robust education, training, and management solutions is evident.

The problem is particularly acute in the waste and recycling industry. When batteries are improperly included with material to be disposed or recycled, those batteries create a fire risk for the containers in which they are placed, the vehicles that collect the material, and the facilities to which the material is delivered. Fires caused by batteries being improperly discarded jeopardize the investment and livelihood of both public and private operations. But more importantly, such fires endanger the health, safety, and welfare of employees, people who live or work nearby, and the first responders upon whom we rely.

The undersigned stakeholders believe that there should be improved policies and funding, and legislation if necessary, concerning the following areas:

- Increased consumer and employee education regarding the proper use, storage, and end-of-life management of batteries;
- Increased programming for the proper end-of-life collection and disposal/recycling of batteries;
- Enhanced detection and capture technology, as well as employee training, to ensure that batteries that are improperly discarded with waste and recycling materials are identified and properly managed when received at waste and recycling facilities;
- More robust deployment of on-site response equipment and training to ensure a safe, swift, and effective response to fires caused by batteries.

This call for improved policies, funding, and legislation is not new or unique to Michigan. In the U.S., ten states and the District of Columbia have enacted product stewardship or extended

producer responsibility (EPR) laws for batteries. Globally, similar laws and policies for batteries are found in countries such as Australia, Japan, India, and Canada, as well as the European Union. Moreover, a product stewardship or EPR framework is not new to Michigan. Our state has already adopted such an approach for items such as consumer electronics, lead acid batteries, scrap tires, and used beverage containers, among others.

It is the view of the undersigned that in order to protect the health, safety, and welfare of Michigan residents and workers, to protect Michigan's environment, and to reduce the risk to private and public sector investment in equipment, facilities, and operations, a product stewardship or EPR framework for batteries should be established in Michigan.

A handwritten signature in black ink that reads "Michael J Csapo". The signature is written in a cursive, flowing style.

Michael J Csapo, General Manager

Resource Recovery and Recycling Authority of Southwest Oakland County

Adopted by the RRRASOC Board of Directors at its Regular Meeting on October 26, 2023

## Background

### Problem Description

Batteries, particularly lithium-ion, have been shown to be a growing fire hazard. According to the National Fire Protection Association, “Lithium-ion batteries are increasingly found in devices and systems that the public and first responders use or interact with daily. While these batteries provide an effective and efficient source of power, the likelihood of them overheating, catching on fire, and even leading to explosions increases when they are damaged or improperly used, charged, or stored.”<sup>1</sup>

In February 2018, the U.S. Consumer Product Safety Commission’s Status Report on High Energy Density Batteries Project reported over 25,000 overheating or fire incidents involving more than 400 types of lithium battery-powered consumer products that occurred over a five-year period.<sup>2</sup>

According to a 2021 EPA report, “LIB (lithium-ion batteries) fires are happening across the full spectrum of the waste management process.”<sup>3</sup>

Included in the EPA report is the following explanation of how lithium-ion batteries present a fire risk:

*“LIBs have high energy density, meaning they store a large amount of energy relative to their size and weight. However, this high energy density and the materials needed to achieve it make LIBs prone to combustion or explosion when they are damaged. A damaged or defective LIB may experience thermal runaway, a reaction in which the battery unexpectedly releases its energy and begins self-heating in a runaway reaction. This reaction can quickly produce enough heat to ignite materials near the battery, even if the battery itself does not ignite. Though other types of batteries can experience thermal runaway, LIBs are particularly prone to combustion because they store such large amounts of energy. An LIB’s electrolyte is also combustible, providing fuel to the fire...”*

*One of the most common causes of thermal runaway in LIBs is physical damage to the battery. When a battery casing is punctured, crushed, or otherwise mechanically damaged, the separator may be pierced. If the separator is breached, a short circuit can develop as the anode and cathode come into contact, allowing the LIB’s stored energy to be rapidly released. This short circuit creates heat buildup, which can then trigger thermal runaway in other cells.”<sup>4</sup>*

A 2021 analysis and assessment of battery-caused waste fires reached the following conclusions:

- The assessment reveals that the risk of lithium-based portable batteries is significantly too high, which makes it difficult to maintain modern waste management in a sustainable way;

- The increased number of major fires in waste management in recent years is clear and undeniable evidence;
- No other substance or material has ever comparably endangered the whole waste industry;
- The waste sector has to aim to collect as many batteries as possible in the separate collection systems and take-back schemes, as only this collection system guarantees a damage-free return system. That requires increased effort in public relations and consumer awareness-raising. However, a 100% separate collection rate for portable batteries is highly unrealistic without a comprehensive deposit system;
- Hence, operators of treatment facilities have to find ways to (1) protect critical infrastructure and treatment processes (e.g., including new detection and extinguishing methods) or (2) preferably detecting and separating portable batteries in the course of their treatment processes.<sup>5</sup>

### **Michigan Experiences**

Recycling and waste operations throughout Michigan have experienced fires due to lithium-ion batteries being improperly included with waste or recycling materials. Often, these batteries are disposed with other flammable material, such as paper and plastic, and serve as a source of ignition. Below are just a few examples.

*“Kent County operates residential material recovery facilities, electronics recycling collections, waste to energy, landfill, and transfer stations. On a daily basis, we identify and remove lithium-ion batteries or items containing lithium-ion batteries from our material stream. However, due to the significant increase of these batteries we are often unable to find them until they create a fire. In the last five years, we’ve had multiple facility and transfer trailer fires at all of our operations due to lithium-ion batteries. While we’ve been fortunate that those fires did not result in any injuries, we have experienced equipment damage, destroyed product, lost production time, water damage, extensive cleanup costs and required the assistance of the local fire department. Our losses have exceeded \$100,000.” – Darwin J. Baas, MPA, Director, Kent County Department of Public Works*

*“Emmet County Recycling is a public entity acting as a super drop off center in a rural area of northern Michigan. As a waste transfer station, MRF and hazardous materials collection program, we are assuming an overabundance of risk and liability when it comes to batteries in our facility and infrastructure. In a short period of time, several battery fires have broken out in our waste compactors, recycling balers and recycling tip floor. We have also seen an increase in waste haulers using our facility as a burning load drop space from batteries sparking fires in their loads.*

*Our program has taken a focused approach in community collection of batteries in recent months due to the high standards of our battery vendor. As the super drop off, we bear the brunt of the liability and risk by collecting these batteries while trying to lead the charge educating about proper disposal. We fear losing our end market due to*

*the complexity of safe shipping requirements. As a public organization, we do not have the capacity to meet their sorting and taping expectations. The current model is not sustainable and requires education and technology from the manufacturers to solve these safety issues on a larger scale before serious injury or damage occurs.” - Andi (Shepherd) Tolzdorf, Director, Emmet County Recycling*

*“Despite having education and collection programming for the proper recycling and disposal of batteries, every day, we identify and remove lithium-ion batteries or items containing lithium-ion batteries from the material stream at our MRF. Unfortunately, due to the steady increase of such batteries in our feedstock, sometimes we don’t find them until they become compromised and start a fire.*

*In the last five years, we’ve had four significant fire incidents due to lithium-ion batteries. We’ve been fortunate that those fires did not result in any injuries, but we have experienced significant equipment damage, destroyed product, lost production time, and required the assistance of local first responders.” - Michael Csapo, General Manager, Resource Recovery and Recycling Authority of Southwest Oakland County*

*“Recycle Ann Arbor is a small non-profit in Southeast Michigan and operates a state-of-the-art zero waste MRF that serves as a regional recycling hub. In the 2 years our MRF has been in operation, we’ve had several lithium-ion battery fires break out. They continuously threaten the future of our mission and our ability to serve our community’s single stream recycling needs. Lithium-ion batteries can enter an uncontrollable, self-heating state that can result in the release of gas, cause fire, and possible explosion, and therefore pose a major safety concern to our employees. Once a fire breaks out, it can’t be extinguished with traditional fire extinguishers, and water may not prevent a lithium-ion battery from burning & spreading. Due to this grave risk, that could permanently put us out of business, we’ve invested our own capital funds (being a non-profit this is challenging) to purchase expensive fire prevention services.*

*Additionally, reignition of lithium-ion batteries is common. Even after being extinguished, a lithium-ion battery can continue to generate heat (even with no visible sign of fire), when that heat reaches a certain level, fire may unexpectedly reignite and quickly spread. These batteries are known to reignite (without warning) minutes, hours, & even days after all visible fire has been put out. This not only impedes the safety of our employees/first responders, but it also requires overtime wages to be paid to staff to provide round-the-clock observation after a fire occurs, which is also a burden to our bottom line. If a fire were to fully ignite and spread, the damage would be significant and hard to recover from financially. Excessive heat from these fires is very destructive to our building’s infrastructure and equipment, not to mention if the fire department has to put the fire out, they could use up to a million gallons of water ultimately destroying all electronics required to operate our MRF. We will never be able to recoup those losses to rebuild our facility, therefore putting us out of business.*

*This is why we've made the significant investments in detecting and stopping any fires before they spread, and continue to advocate for any policy level solutions that raise awareness and invest in the infrastructure needed to keep batteries out of the recycling".* – **Megan Lunsford, Marketing and Communications Manager, Recycle Ann Arbor**

*"SOCRRA has had regular fires at our facilities that we believe are caused by lithium ion batteries. We have had fires at both our recycling facility (MRF) and at our transfer station. Fortunately, SOCRRA staff and our fire protection systems were able to extinguish those fires before major damage occurred. However, SOCRRA has had to invest in multiple layers of fire detection and fire suppression systems in order to protect our facilities. One of the difficulties caused by lithium battery fires is that they have occurred at four different locations within our facilities. This makes it imperative for SOCRRA to maintain several different fire detection and fire suppression facilities. In addition, we will probably be required to invest in additional fire detection and suppression systems in order to adequately protect our facilities from the hazards posed by lithium batteries."* – **Jeff McKeen, General Manager, Southeast Oakland County Resource Recovery Authority**

## What are product stewardship and extended producer responsibility?

**Product stewardship** is the act of minimizing the health, safety, environmental, and social impacts of a product and its packaging throughout all lifecycle stages, while also maximizing economic benefits. The manufacturer, or producer, of the product has the greatest ability to minimize adverse impacts, but other stakeholders, such as suppliers, retailers, and consumers, also play a role. Stewardship can be either voluntary or required by law.

**Extended producer responsibility (EPR)** is a mandatory type of product stewardship required by law. It includes, at a minimum, the requirement that the manufacturer's responsibility for its product extends to post-consumer management of that product and its packaging. There are two related features of EPR policy: (1) shifting financial and management responsibility, with government oversight, upstream to the manufacturer and away from the public sector; and (2) providing incentives to manufacturers to incorporate environmental considerations into the design of their products and packaging. EPR levels the playing field among competitors and incentivizes environmentally conscious design.

In the U.S., there are 131 EPR laws active in 33 states across 16 product categories. Those product categories include hazardous materials (such as, but not limited to, batteries, mercury switches, pesticides, and gas cylinders) and readily recyclable material (such as printed paper and packaging materials).

## References

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November 3, 2023

Board of Trustees  
SOCRRA

Subject: Rochester Hills Agreement

Board Members:

Our agreement with Rochester Hills expires in April of 2024. This agreement allows Rochester Hills' collection contractor, currently GFL, to bring recycling to SOCRRA's MRF and it allows Rochester Hills residents to use our recycling drop-off services. SOCRRA charges Rochester Hills a per ton tip fee for the recycling and a per appointment fee for the use of the recycling drop-off center.

Rochester Hills is in the process of negotiating a contract extension with GFL that would be effective in April 2024. As part of those negotiations, Rochester Hills has asked us to extend our existing contract. SOCRRA has performed an analysis of the price for recycling, and we have quoted them a 2024 rate of \$115 per ton, which is 15% higher than the rate currently being charged to our recycling customers. This price is projected to cover our costs of processing this material. Revenue generated from the sale of this material will be used to offset a portion of the operating costs of the MRF. We have not completed an analysis of whether we should continue to provide recycling drop-off services to Rochester Hills residents.

In order to allow Rochester Hills to complete their negotiations with GFL, I am asking for Board approval of a 2024 rate of \$115 per ton for recycling from Rochester Hills with an appropriate annual price escalator. We have asked Rochester Hills to draft a contract extension that would be brought to the Board for review at the December 14 Board meeting. This will also provide us enough time to complete our analysis of continuing to provide drop-off services to the residents of Rochester Hills.

In the interim, I am recommending that the Board authorize a 2024 price of \$115 per ton for recycling from Rochester Hills with an appropriate annual escalator.

Respectfully submitted,

Jeffrey A. McKeen, P.E.  
General Manager

Suggested Resolution: "That the Board authorizes a 2024 price of \$115 per ton from recycling delivered to the MRF from Rochester Hills with an appropriate annual escalator."