



Resource Recovery & Recycling Authority of Southwest Oakland County

20000 W. 8 Mile Rd
Southfield, MI 48075-5708

Office: 248.208.2270

Fax: 248.208.2273

www.RRRASOC.org

THE RECYCLING AUTHORITY
Since 1989

Agenda
September 22, 2022
RRRASOC Board of Directors
Regular Meeting
9:30 am
GFL - Arbor Hills Landfill
10599 W. Five Mile Road
Northville, MI 48168

1. Call to Order
2. Roll Call
3. Approval of Agenda
4. Audience Participation
5. Matters for Discussion/Action

A. Solid Waste Expenditure Benchmark Study - 2022

B. MRF Evaluation Project (verbal update)

C. GFL Presentation and Discussion

6. Manager's Report
7. Other
8. Consent Agenda
 - A. Recycling Report
 - B. MRF Operations Report
 - C. Payment of Bills Report
 - D. Investment Report
 - E. Revenue and Expenditure Report
 - F. Minutes of April 28, 2022 Regular Meeting
9. Adjournment



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To: RRRASOC Board of Directors
From: Mike Csapo, General Manager
Date: September 14, 2022

Re: **Solid Waste Expenditure Benchmark Study**

Action Requested

Review and accept the Solid Waste Expenditure Benchmark Study 2022.

Overview

Attached for your review, comment, and acceptance is the Solid Waste and Expenditure Benchmark Study 2022.

As indicated in the document's Executive Summary, solid waste and recycling expenditures in the RRRASOC communities continue to compare favorably to the regional average and median of peer communities. Among the specific findings are the following:

- Solid waste expenditures budgeted for the current fiscal year by the RRRASOC communities total \$13,097,680, which represents \$45.47 per capita or \$176.32 per serviced household unit;
- Expenditures in all of the RRRASOC communities continue to be among the lowest in the region on a per capita and per household basis, with all community expenditures well below the regional average;
- Total annual solid waste expenditures in the RRRASOC communities, when calculated on a per household basis, are \$4.33 million less than they would be if the expenditures were at the median level for the region;
- Total solid waste program expenditures for the RRRASOC communities are nearly \$5.3 million (32.6%) below where they would have been if annually adjusted for inflation and population growth over the past fifteen years.

Please let me know if you have any questions or comments.

attachment

RRRASOC Member Communities
Farmington ♦ Farmington Hills ♦ Milford ♦ Milford Township
Novi ♦ South Lyon ♦ Southfield ♦ Walled Lake ♦ Wixom

**Solid Waste Expenditure Benchmark Study
2022**

Resource Recovery and Recycling Authority of Southwest Oakland County



Introduction and Executive Summary

The Resource Recovery and Recycling Authority of Southwest Oakland County (RRRASOC) recently evaluated solid waste related expenditures in the RRRASOC communities and conducted a comparison to the solid waste related expenditures of other communities in southeast Michigan.

We reviewed municipal sanitation/solid waste expenditures as expressed in the current municipal budgets of communities in southeast Michigan. The expenditures of thirty-nine communities, as well as historical expenditure data for the RRRASOC communities, are included in the analysis.

In summary, we found the following:

- Solid waste expenditures budgeted for the current fiscal year by the RRRASOC communities total \$13,097,680, which is a 1.4% reduction from 2021 and represents \$45.47 per capita or \$176.32 per serviced household unit;
- Expenditures in all of the RRRASOC communities continue to be among the lowest in the region on a per capita and per household basis, with all community expenditures well below the regional average;
- Total annual solid waste expenditures in the RRRASOC communities, when calculated on a per household basis, are \$4.33 million less than they would be if the expenditures were at the median level for the region;
- Among the RRRASOC communities, solid waste program expenditures continue to be well contained, with total budgeted expenditures for FY 2022 - 2023 being only 14.2% above expenditures in FY 2007 - 2008. Per capita expenditures are only 6.6% more than they were fifteen years ago;
- Total solid waste program expenditures for the RRRASOC communities are nearly \$5.3 million (32.6%) below where they would have been if annually adjusted for inflation and population growth over the past fifteen years.

Findings

The RRRASOC communities have collectively budgeted \$13,097,680 for solid waste expenditures in FY 2022 - 2023, for an aggregate per capita expenditure of \$45.47 or \$176.32 per serviced household.

Per Capita Comparisons

As depicted in Graph 1, regional per capita expenditures range from \$32.68 to \$285.11, with an average of \$102.33 and a median of \$89.19. RRRASOC communities range from \$32.68 to \$85.96, with an average of \$51.60.

The aggregate expenditure in the RRRASOC communities of \$45.47 per capita is 55.6% below the regional average and 49% below the regional median.

Per Household Comparisons

As depicted in Graph 2, regional expenditures per household range from \$139.90 to \$671.54, with an average of \$269.71 and a median of \$234.65. RRRASOC communities range from \$139.90 to \$234.65, with an average of \$180.99

The aggregate per household cost in the RRRASOC communities of \$176.32 is 34.6% below the regional average and 24.9% below the regional median.

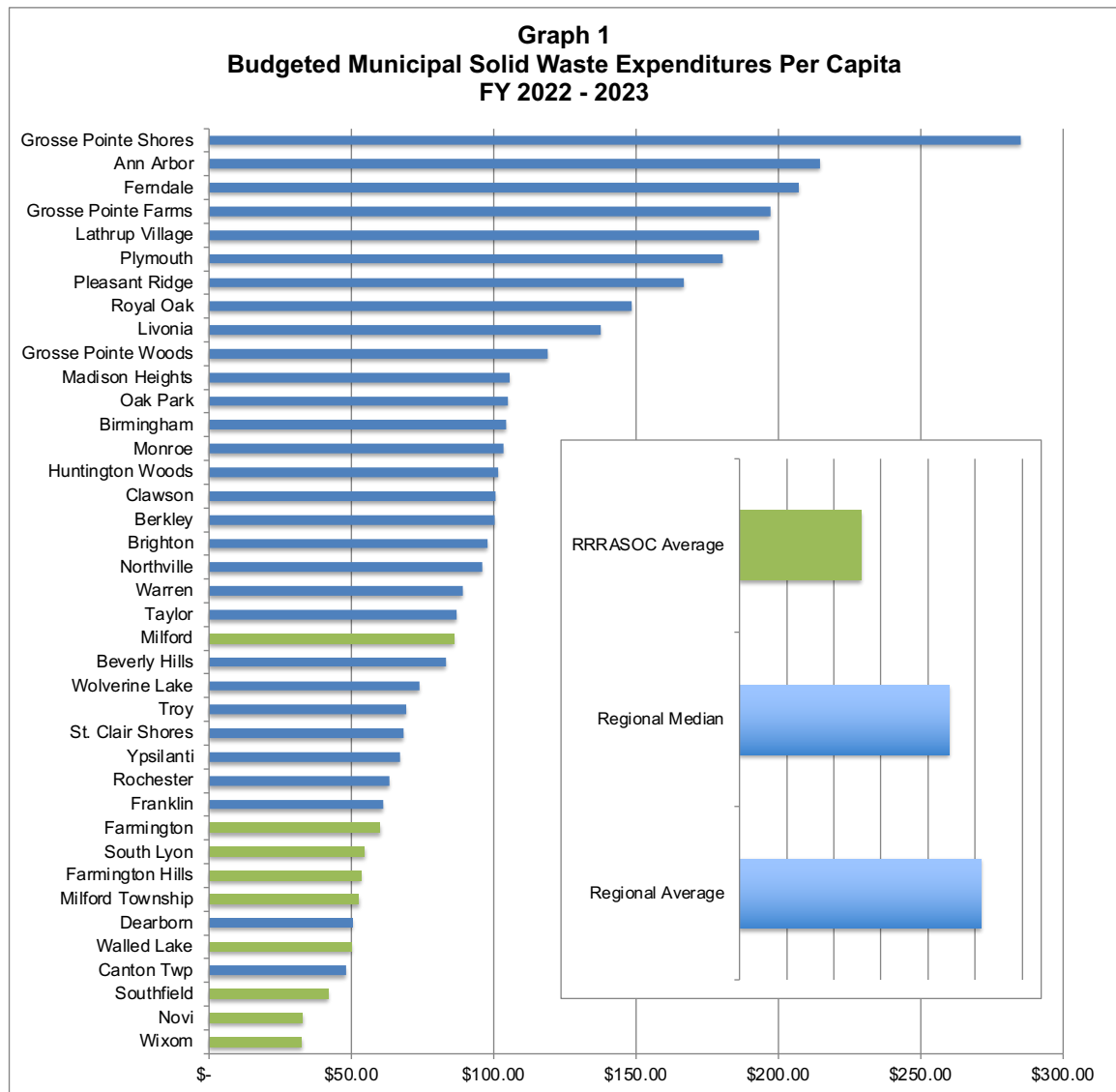
Another way in which to view the expenditures of the RRRASOC communities is to compare them to what the total budgeted expenditures would be if the communities all spent at the median per household level for the region. In that case, total expenditures would be \$17,430,323, or \$4,332,643 (33.1%) higher than budgeted for the current fiscal year.

Blended Metric Comparisons

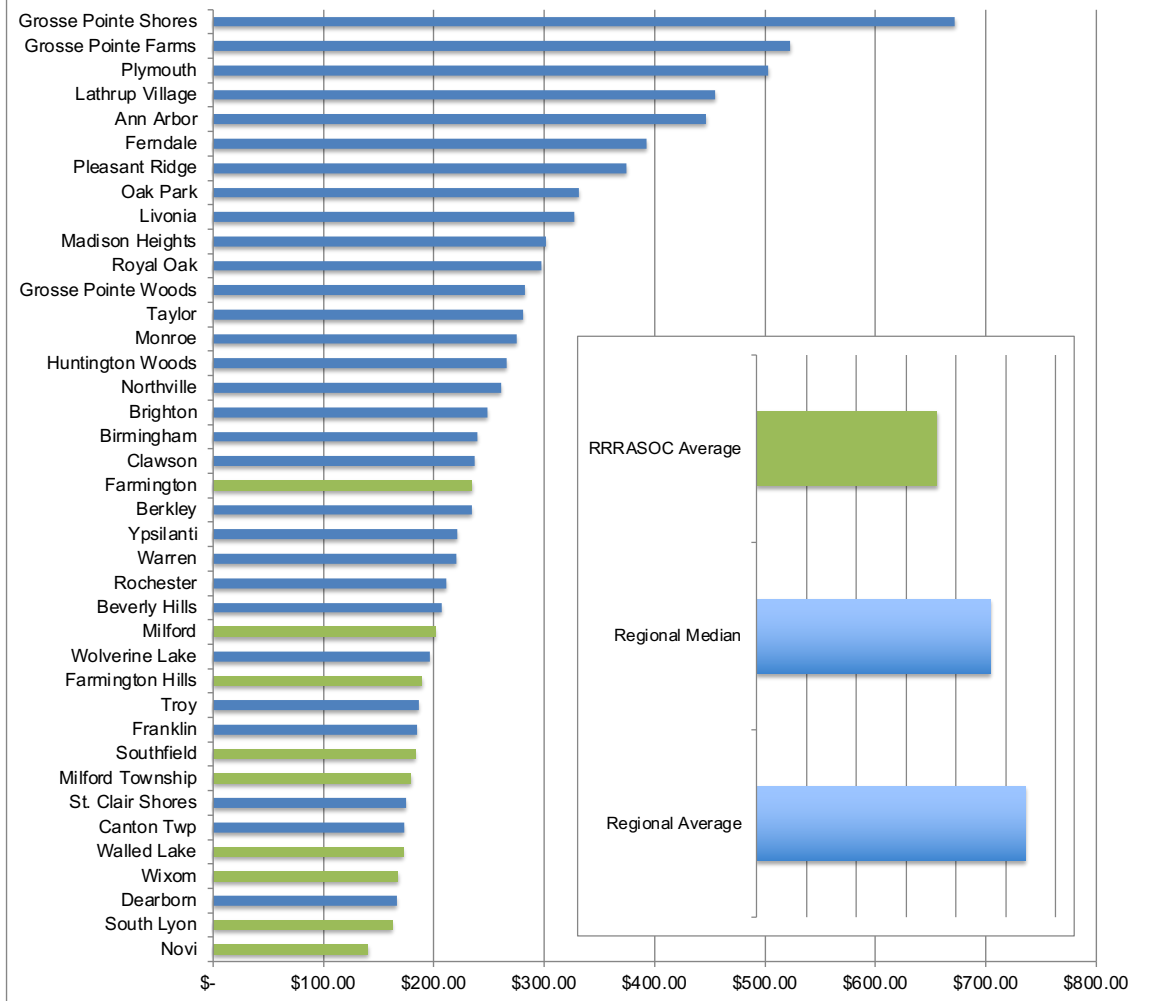
The "blended cost" metric is the average of the first two figures and is designed to provide some mitigation to the influence of housing demographics, providing a more normalized measure of expenditures for purposes of comparisons.

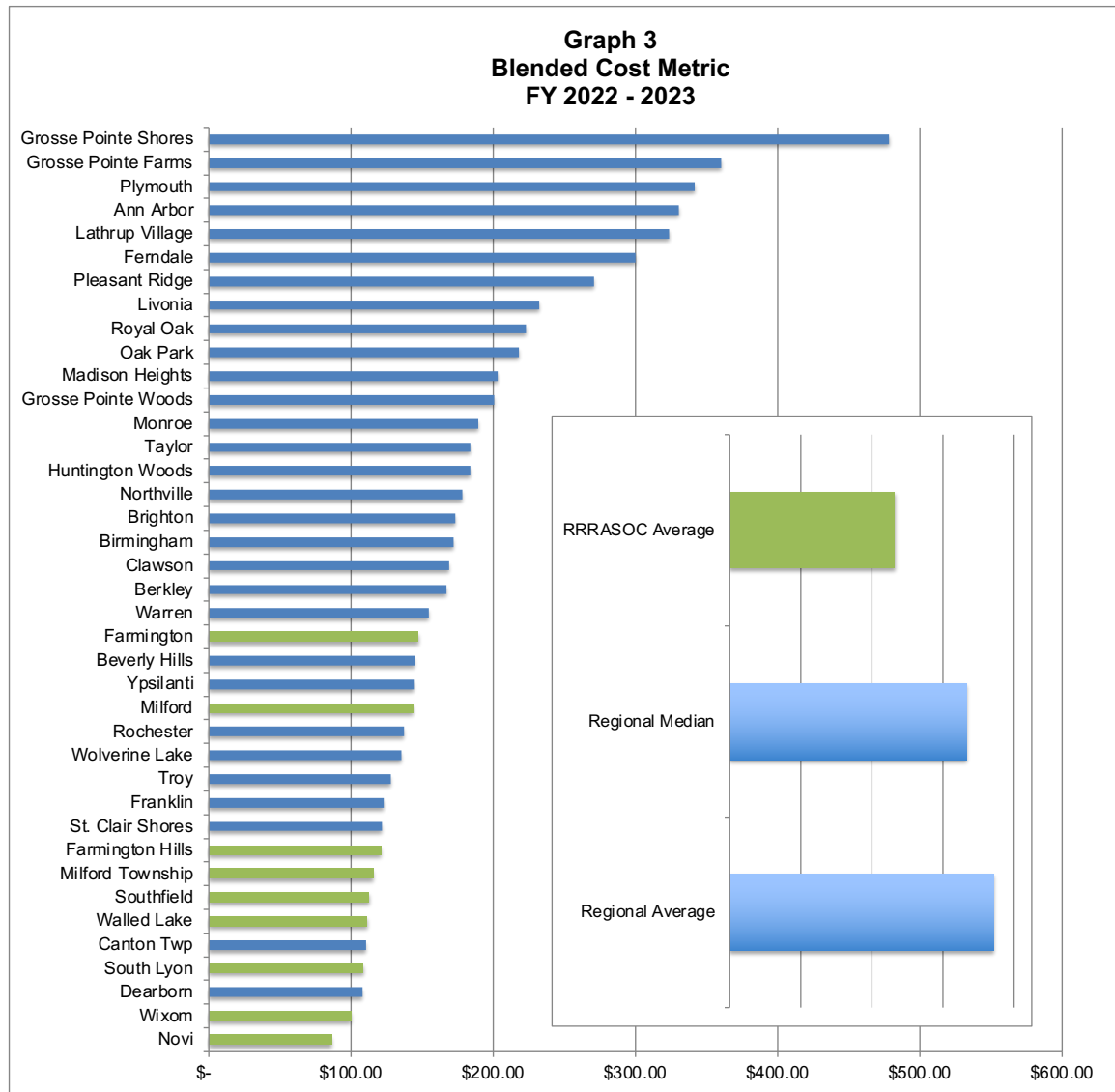
Depicted in Graph 3, the blended cost metric ranges from \$86.38 to \$478.33, with an average of \$186.02 and a median of \$167.26. RRRASOC communities range from \$86.38 to \$147.36, with an average of \$116.29.

The aggregate per blended cost in the RRRASOC communities is \$110.90, which is 40.4% below the regional average and 33.7% below the regional median.



Graph 2
Budgeted Municipal Solid Waste Expenditures Per Household
FY 2022 - 2023

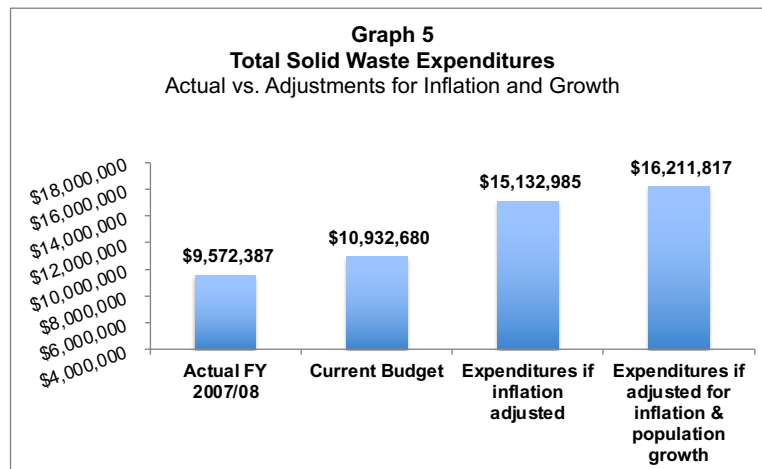
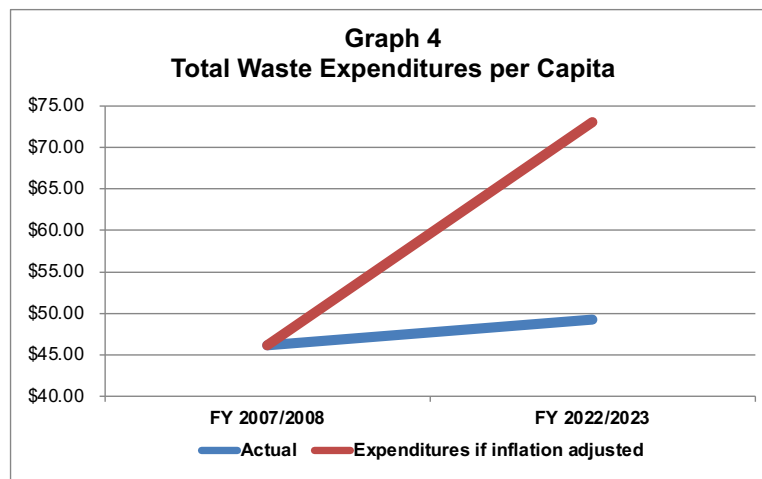


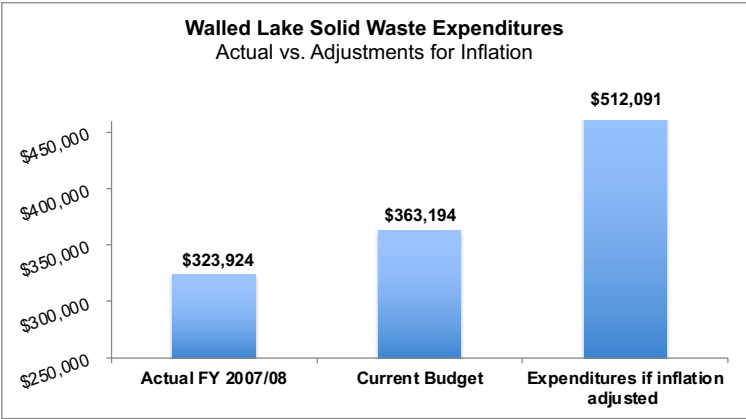
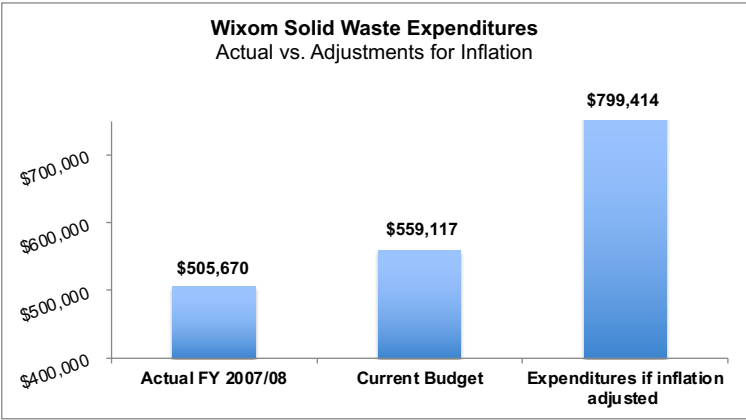
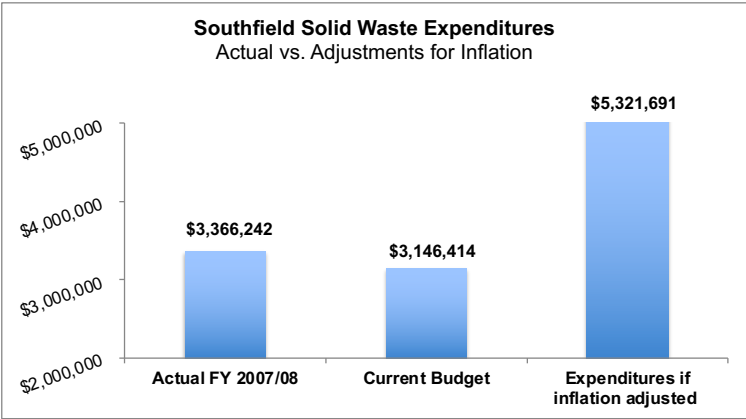
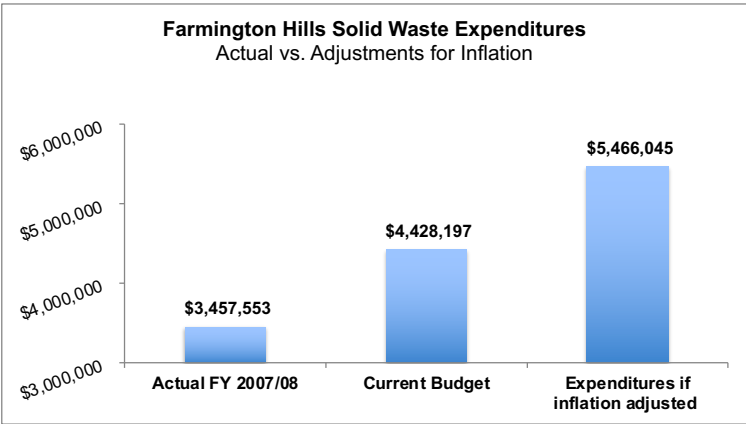


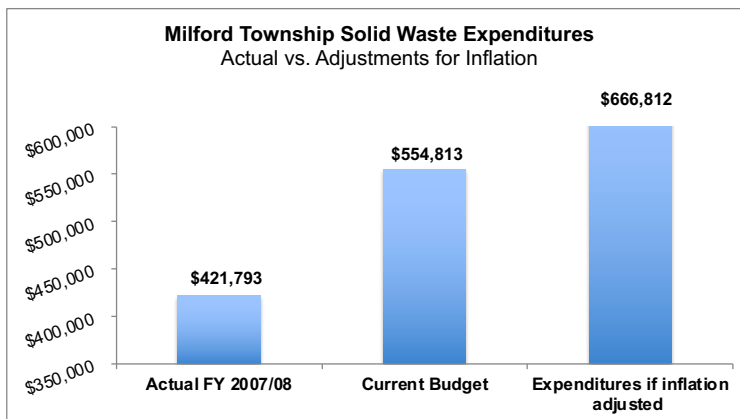
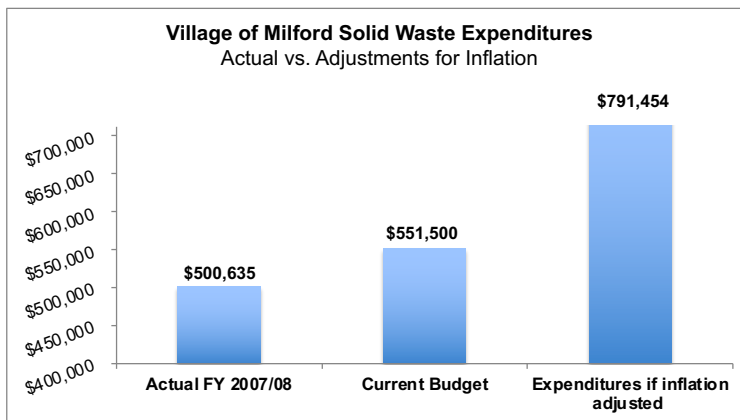
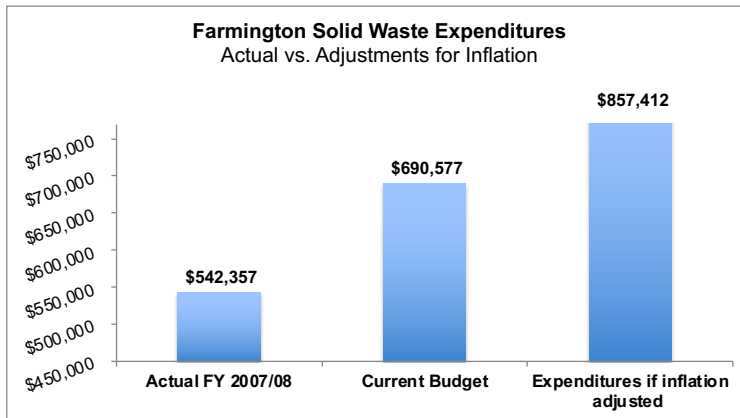
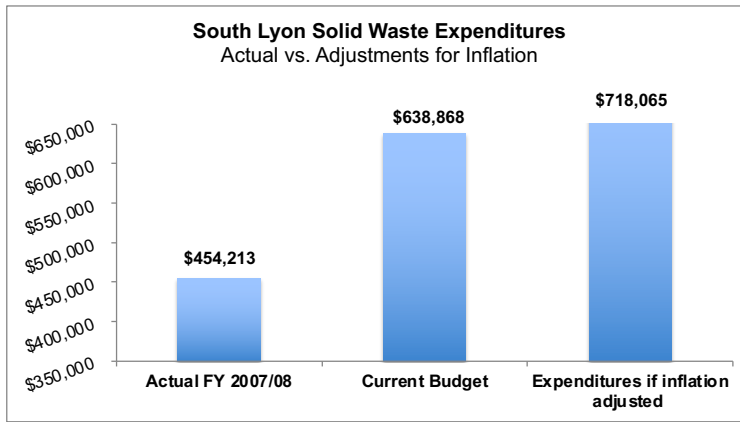
Historical Findings

Total solid waste expenditures in the RRRASOC communities increased from \$9,572,387 in FY 2007 - 2008 to \$10,932,680 budgeted for FY 2022 - 2023, for an increase of 14.2%. When considering population growth, total per capita expenditures are only 6.6% more than they were fifteen years ago. Note that the City of Novi is not included in this longitudinal analysis because their curbside program began in 2015.

All eight of the evaluated RRRASOC communities have budgeted expenditures well below inflation-adjusted levels. Had the total FY 2007 - 2008 expenditure level been annually adjusted for inflation as reflected by the *Bureau of Labor Statistics Garbage and Trash Collection Index* and population growth, total expenditures would have risen to \$16,211,817. As such, expenditures would have been nearly \$5.3 million higher due to inflationary and growth adjustments. In other words, expenditures are 32.6% less than they would have been had they been annually adjusted for inflation and population change.







Conclusions

There is a wide variation in the expenditure metrics between communities. A number of factors contribute to that variation. Factors include service levels, service delivery type, program characteristics, community characteristics and demographics, contract terms, cost accounting procedures, and staffing levels.

Expenditures in the RRRASOC communities are among the lowest in the region, with all expenditures well below the regional average. RRRASOC communities spend \$4.33 million less annually, when compared to the region's median, per household expenditures.

Total expenditures in the RRRASOC communities have remained well contained, with per capita expenditures being 32.6% below the inflation and growth adjusted level of FY 2007 - 2008. In other words, total expenditures are nearly \$5.3 million less than they would have been had they kept pace with inflation and population growth over the past fifteen years.

Background and Methodology

Through intergovernmental cooperation, public private partnerships, and contracting, the nine member communities of RRRASOC provide a suite of solid waste and recycling services that are cost-effective, environmentally responsible, and sustainable, as well as consistent with best practices.

RRRASOC annually evaluates solid waste related expenditures in the RRRASOC communities and conducts a comparison to the solid waste related expenditures of other communities in southeast Michigan. We reviewed municipal sanitation/solid waste expenditures as expressed in the current municipal budgets of communities in southeast Michigan. The expenditures of thirty-nine communities, as well as historical expenditure data for the RRRASOC communities, are included in the analysis.

The accompanying figures and graphs are designed to benchmark expenditures pertaining to municipal solid waste activities. It is recognized that service levels and/or service delivery methods may vary from community to community. It is understood that differences in service levels and delivery types can lead to cost differentials. For example, a community that provides curbside brush chipping incurs costs not incurred by a community that does not provide such service. Curbside collection unit costs, as another example, can vary depending upon a variety of factors, including service delivery type, density, community size, and proximity to disposal or recycling facilities.

This study is designed to identify cost metrics for individual communities without attempting to qualify, differentiate, or otherwise normalize service levels. For purposes of this effort, it is assumed that the service level and type selected by each community is consistent with the parameters established by the elected and/or administrative officials in each community. This document should be viewed in a positive rather than a normative sense.

Thirty-nine communities are included in the report. The communities included are those

that provide a minimum level of service that includes weekly curbside refuse, yard waste, and recycling collection. Most also have access to recycling and household hazardous waste drop off programs. Communities in which curbside services are not included in the municipal budget are specifically excluded from this report.

Expenditure information comes from the current fiscal year budget published by each municipality. Expenditures included are those items contained within the municipality's sanitation, rubbish, refuse, or solid waste budget, or within the municipality's public works or services budget and identified as being specifically related to solid waste.

It is recognized that municipalities may utilize different cost-accounting methods and that some communities may charge costs to a sanitation or solid waste budget that are not included by another community. Identifying and differentiating among differing accounting and cost management techniques is beyond the scope of this effort. In that regard, the expenditures included in this report are those costs that the communities have chosen themselves to allocate to sanitation or solid waste line items.

Information for the longitudinal analysis of expenditures in the RRRASOC communities was gathered from each community's audited financial statements as reported to the State of Michigan for the fiscal year ending in 2008.

This study does not evaluate the various revenue approaches among the communities. Those approaches include, but are not limited to, user fees and fees for services, property taxes, general fund appropriations, and material sales revenue.

Due to the variety of factors that influence a community's cost metrics, this report is best used to compare a community's costs to the average and the median, rather than to compare an individual community directly to another community. A more in-depth, case study approach would be required to directly compare communities.

Cost Metrics

Three cost metrics are utilized in this report. The first is per capita cost. For purposes of this calculation, population means the household population as indicated in the 2020 U.S. Census.

While the per capita approach is a standard and useful approach, it does have its drawbacks. For example, curbside service tends to be offered only to single-family households and offered to multi-family units only on a limited basis. Communities with a high proportion of their population in multi-family units with limited service will experience a downward influence on their per capita costs as compared to communities with a higher proportion of single-family homes. However, the per capita metric is a well-accepted measure that merits inclusion in this report.

The second metric is the cost per household. This measure divides total expenditures by the number of household units receiving curbside service. Serviced units are either those reported by the community, its solid waste hauler, or the single-family, duplex, and townhome units as reported in the *U.S. Census Bureau*. If the community provides

commercial or multi-family services appropriate for inclusion in this metric, they are included. This measure is most useful when assessing only curbside service costs. However, its accuracy can skew in the opposite direction of the per capita measure when a community has a high proportion of multi-family units that utilize services such as household hazardous waste collection, recycling drop-offs, or other services.

Because the ratio of multi-family and single-family homes in a community can influence the first two metrics in opposite directions, a third measure has been included. The “blended cost” metric is the average of the first two figures and is designed to provide some mitigation to the influence of housing demographics, providing a more normalized measure of expenditures for purposes of comparisons.



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To: RRRASOC Board of Directors
From: Michael Csapo, General Manager
Date: September 15, 2022

Re: Manager's Report

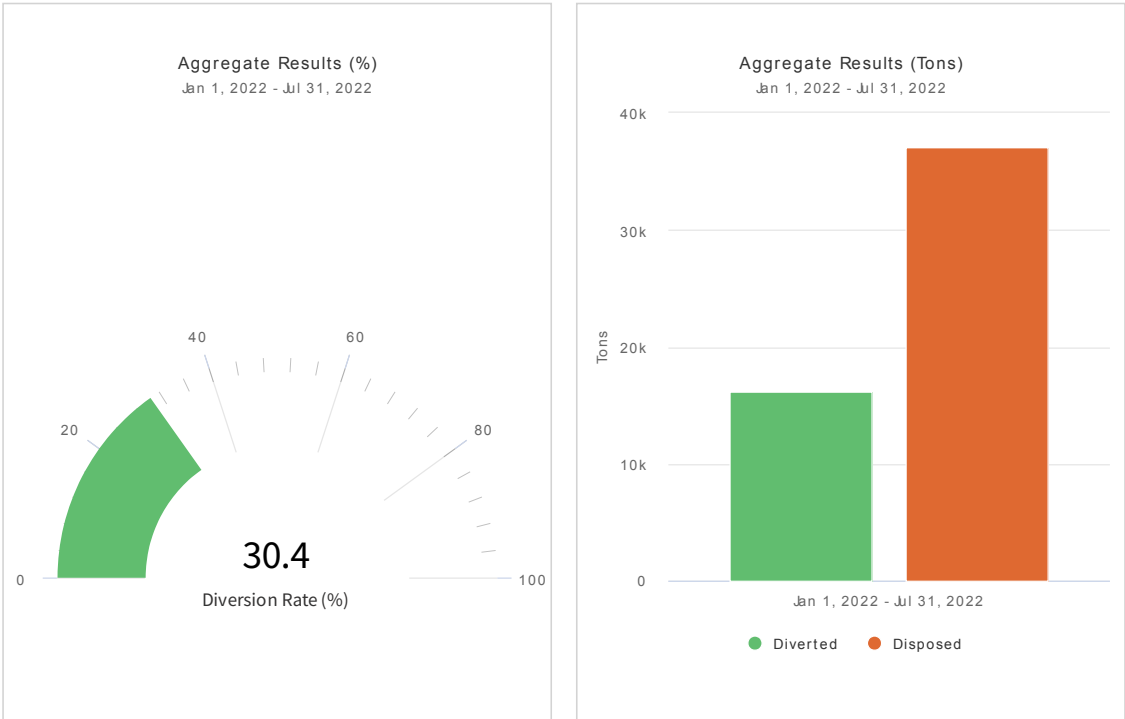
1. The 2022 Solid Waste Expenditure Benchmark report was completed. See agenda.
2. The audit of RRRASOC's FY 2021 - 2022 Financial Statements was completed. A report by Plante Moran will be presented at the October Board meeting.
3. Work on the MRF evaluation continued. See agenda.
4. Plans to conduct outreach and education on recycling/composting at the Farmington Farmer's Market were completed.
5. Work continued on the joint Storm and Disaster Debris Management Plan through the Michigan NextCycle process. A separate report to follow.
6. An audit of the Novi drop off material was completed.
7. Paper shredding operations at the RRRASOC MRF began.
8. The 2022 spring/summer HHW events were completed. The fall events and the 2023 schedule were planned.
9. An engineering inspection of the MRF was conducted.
10. Document shredding events in Farmington Hills and Wixom were sponsored.
11. Ten tours of the MRF were conducted.
12. Work with the Southfield Sustainability Planning Team began.
13. Southfield Cable 15 video session was completed.
14. Staff attended or presented at the following:
 - A. Farmington Hills HHW event;
 - B. Milford HHW event;

RRRASOC Member Communities

Farmington ♦ Farmington Hills ♦ Milford ♦ Milford Township
Novi ♦ South Lyon ♦ Southfield ♦ Walled Lake ♦ Wixom

- C. Wixom HHW event;
- D. NextCycle Michigan I2P3 CTIP meeting (x3);
- E. Genesee County Solid Waste Planning Committee meeting (x2);
- F. NextCycle Michigan TAC meeting (x3);
- G. EGLE Renew Michigan programming meeting.

DIVERSION RATE REPORT

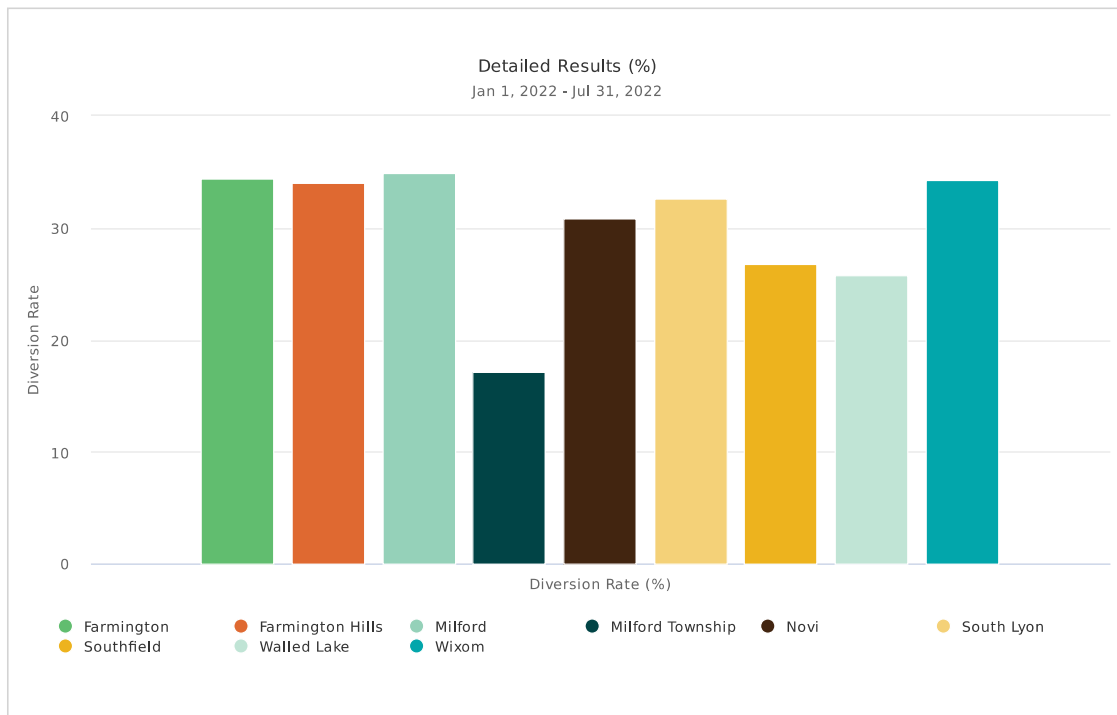


Aggregate Results (%)

Displaying data collected for: Jan 1, 2022 - Jul 31, 2022	
ALL TIME	JAN 1, 2022 - JUL 31, 2022
Diversion Rate (%)	30.43

Aggregate Results (Tons)

Displaying data collected for: Jan 1, 2022 - Jul 31, 2022	
ALL TIME	JAN 1, 2022 - JUL 31, 2022
Diverted	16,202.12
Disposed	37,046.02
Total	53,248.14



Detailed Results (%)

Displaying data collected for:

Jan 1, 2022 - Jul 31, 2022

ORGANIZATIONS	DIVERSION RATE (%)
Farmington	34.35
Farmington Hills	34.07
Milford	34.95
Milford Township	17.13
Novi	30.90
South Lyon	32.61
Southfield	26.84
Walled Lake	25.84
Wixom	34.27



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To: RRRASOC Board of Directors
From: Mike Csapo, General Manager
Date: September 15, 2022

Re: **MRF Operations Report**

Attached are the MRF throughput figures through July 31, 2022. During the period, the MRF accepted nearly 36,628 gross tons of material, which is 4.25% less than the same period in 2021.

More than 8,490 tons, or 23.2%, came from RRRASOC Member Communities' programs in accordance with MRF Service Agreements or RRRASOC drop-off sites, which is 9.3% less than the same period in 2021.

Commodity prices remained very strong through July, as shown on the accompanying graph, but have dropped dramatically in August and September. An update on pricing will be provided at future Board meetings.

Please let me know if you have any questions or comments.

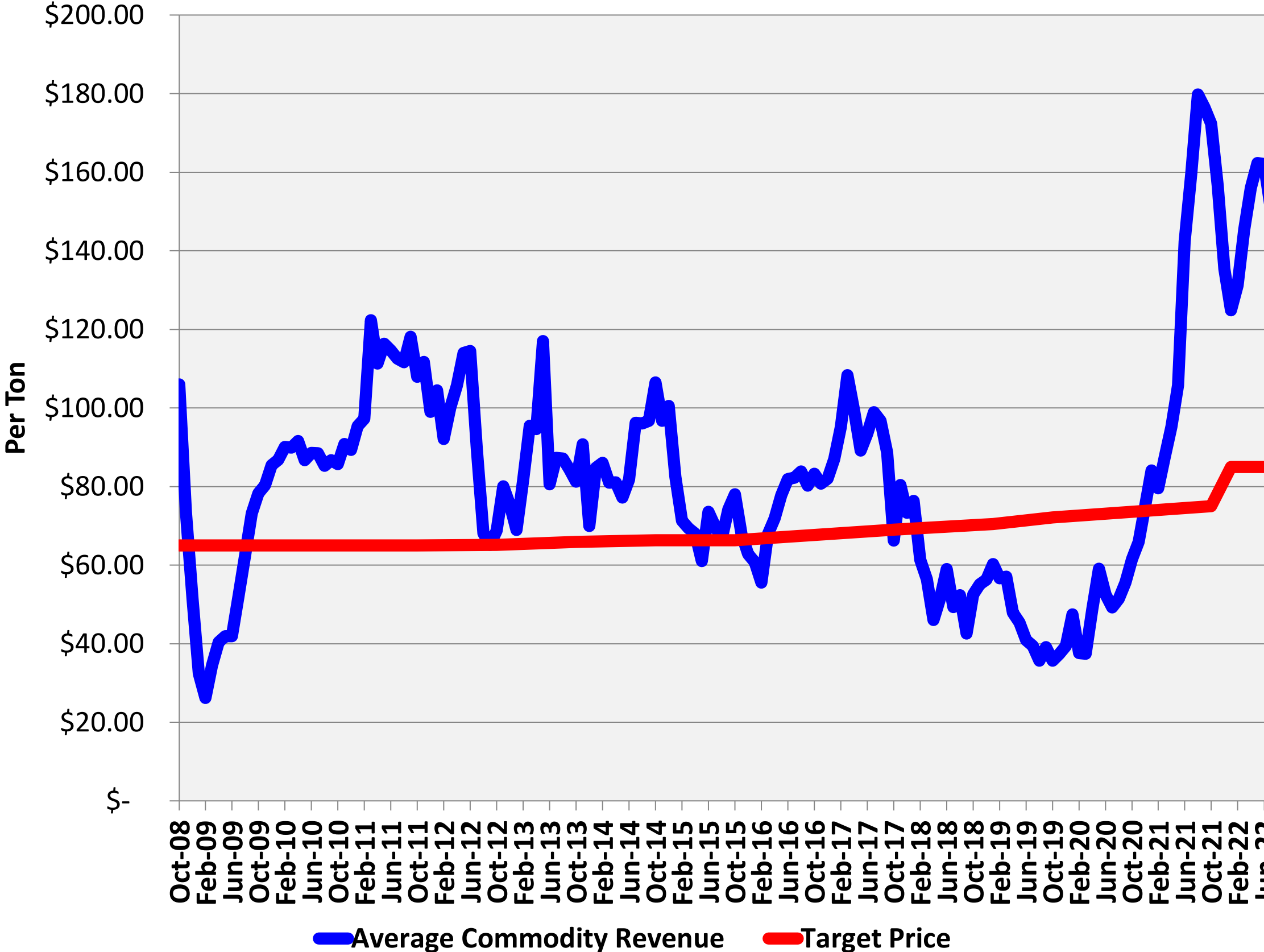
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MRF Throughput

Source:	Farmington	Farmington Hills	Village of Milford	Milford Twp	Novi	Novi DO	South Lyon	Southfield	Southfield DO	Walled Lake	Wixom	RRRASOC Total	Third Party	Total	RRRASOC %
Jan-22	56.66	436.38	36.47	38.62	262.03	64.24	60.40	163.90	12.91	17.32	53.96	1,202.89	4,672.80	5,875.69	20.5%
Feb-22	49.36	371.87	21.79	29.22	267.35	44.75	42.28	137.50	10.08	19.78	45.59	1,039.57	3,582.36	4,621.93	22.5%
Mar-22	56.62	448.91	29.32	39.09	292.99	45.79	42.07	193.24	15.63	17.81	68.90	1,250.37	4,476.24	5,726.61	21.8%
Apr-22	57.96	462.31	31.57	40.56	259.71	50.36	48.09	178.26	16.98	18.49	53.41	1,217.70	3,854.32	5,072.02	24.0%
May-22	58.23	460.71	33.59	34.01	265.42	50.71	42.88	198.59	14.45	20.99	51.13	1,230.71	4,263.73	5,494.44	22.4%
Jun-22	61.49	487.51	27.42	35.27	294.9	62.1	61.3	208.73	15.03	22.74	73.67	1,350.16	3,808.28	5,158.44	26.2%
Jul-22	53.4	425.96	38.60	23.36	283.08	51.80	38.80	201.62	13.86	28.22	39.95	1,198.65	3,479.84	4,678.49	25.6%
Aug-22															
Sep-22															
Oct-22															
Nov-22															
Dec-22															
Total	393.71	3,093.65	218.76	240.13	1,925.48	369.75	335.82	1,281.84	98.94	145.35	386.61	8,490.04	28,137.57	36,627.61	23.2%
Average	56.24	441.95	31.25	34.30	275.07	52.82	47.97	183.12	14.13	20.76	55.23	1,212.86	4,019.65	5,232.52	23.2%

Commodity Value History



Check Register Report

Date: 09/13/2022

Time: 12:54 pm

Page: 1

RRRASOC

BANK: STANDARD FEDERAL BANK

Check Number	Check Date	Status	Void/Stop Date	Reconcile Date	Vendor Number	Vendor Name	Check Description	Amount
STANDARD FEDERAL BANK Checks								
13573	04/21/2022	Printed			124	BLUE CROSS BLUE SHIELD OF MICH	May 2022	5,015.40
13574	04/21/2022	Printed			429	CHASE	Visa	628.64
13575	04/21/2022	Printed			140	FIRE ROVER	April 2022	150.00
13576	04/21/2022	Printed			137	GFL	March 2022	10,650.00
13577	04/21/2022	Printed			160	KASTLE SYSTEMS LLC	May 2022	1,118.00
13578	04/21/2022	Printed			9	KONICA MINOLTA BUS. SOLUTIONS	Copier 3/10-4/9/22	57.79
13579	04/21/2022	Printed			148	PHOENIX INNOVATE	Farmington/Novi postcard 2022	5,490.68
13580	04/21/2022	Printed			25	RESOURCE RECYCLING SYSTEMS, IN	Quarterly inspection	2,494.90
13581	04/21/2022	Printed			126	SHREDCORP	Bread Burning 4/15/22	1,125.00
13582	04/21/2022	Printed			33	SQS, INC.	South Lyon batteries	636.35
13583	04/21/2022	Printed			33	SQS, INC.	Farmington batteries	494.42
13584	04/21/2022	Printed			33	SQS, INC.	Wixom HHW-4/9/2022	54,279.00
13585	04/21/2022	Printed			33	SQS, INC.	March 2022 appointments	7,954.00
13586	04/21/2022	Printed			33	SQS, INC.	Farmington batteries	586.16
13587	04/21/2022	Printed			33	SQS, INC.	South Lyon batteries	550.60
13588	04/21/2022	Printed			130	THE HARTFORD	May 2022	527.09
13589	04/21/2022	Printed			184	MISSION SQUARE	4/14/2022 Payroll	972.16
13590	04/21/2022	Printed			184	MISSION SQUARE	4/28/2022 Payroll	972.16
13591	04/29/2022	Printed			90	CITY OF FARMINGTON HILLS	Overpayment of HHW	679.00
13592	04/29/2022	Printed			94	COMCAST	Phone & internet	359.07
13593	04/29/2022	Printed			508	OFFICE DEPOT, INC.	Office supplies	2.97
13594	04/29/2022	Printed			33	SQS, INC.	Farmington batteries	509.72
13595	04/29/2022	Printed			33	SQS, INC.	South Lyon batteries	585.38
13596	04/29/2022	Printed			33	SQS, INC.	Bread Burning 4/15/22	2,559.53
13597	04/29/2022	Printed			33	SQS, INC.	Southfield HHW 4/23/2022	43,012.50
13598	05/16/2022	Printed			124	BLUE CROSS BLUE SHIELD OF MICH	June 2022	5,015.40
13599	05/16/2022	Printed			429	CHASE	Visa	351.75
13600	05/16/2022	Printed			140	FIRE ROVER	May 2022	150.00
13601	05/16/2022	Printed			137	GFL	April 2022	11,250.00
13602	05/16/2022	Printed			123	IRIS WASTE DIVERSION SPECIAL	April 2022	5,011.38
13603	05/16/2022	Printed			123	IRIS WASTE DIVERSION SPECIAL	Grant work-April 2022	3,168.75
13604	05/16/2022	Printed			160	KASTLE SYSTEMS LLC	June 2022	1,118.00
13605	05/16/2022	Printed			9	KONICA MINOLTA BUS. SOLUTIONS	Copier 4/10-5/9/22	69.81
13606	05/16/2022	Printed			164	LEE INDUSTRIAL CONTRACTING	Shredder install	13,350.00
13607	05/16/2022	Printed			148	PHOENIX INNOVATE	Multi-family postcard	4,967.00
13608	05/16/2022	Printed			25	RESOURCE RECYCLING SYSTEMS, IN	Quarterly inspection	282.50
13609	05/16/2022	Printed			33	SQS, INC.	Clean Sweep Grant work	276.66
13610	05/16/2022	Printed			33	SQS, INC.	Farmington Hills HHW-5/7/22	94,028.50
13611	05/16/2022	Printed			33	SQS, INC.	South Lyon batteries	560.87
13612	05/16/2022	Printed			33	SQS, INC.	Farmington batteries	413.02
13613	05/16/2022	Printed			33	SQS, INC.	April 2022 appts.	8,633.00
13614	05/16/2022	Printed			130	THE HARTFORD	June 2022	527.09
13615	05/16/2022	Printed			184	MISSION SQUARE	5/26/2022 Payroll	972.16
13616	05/16/2022	Printed			184	MISSION SQUARE	5/12/2022 Payroll	972.16
13617	06/10/2022	Printed			6	CASH	Petty Cash	400.00
13618	06/10/2022	Printed			94	COMCAST	Phone & internet	383.86
13619	06/10/2022	Printed			137	GFL	May 2022	10,350.00
13620	06/10/2022	Printed			123	IRIS WASTE DIVERSION SPECIAL	May 2022	5,555.33
13621	06/10/2022	Printed			123	IRIS WASTE DIVERSION SPECIAL	May 2022 grant work	3,693.75
13622	06/10/2022	Printed			160	KASTLE SYSTEMS LLC	July 2022	1,118.00

Check Register Report

Date: 09/13/2022

Time: 12:54 pm

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BANK: STANDARD FEDERAL BANK

Check Number	Check Date	Status	Void/Stop Date	Reconcile Date	Vendor Number	Vendor Name	Check Description	Amount
STANDARD FEDERAL BANK Checks								
13623	06/10/2022	Printed			164	LEE INDUSTRIAL CONTRACTING	Shredder E-Stop	2,800.00
13624	06/10/2022	Printed			33	SQS, INC.	Milford HHW 5/21/22	41,514.00
13625	06/10/2022	Printed			33	SQS, INC.	May appts 2022	8,924.00
13626	06/10/2022	Printed			35	SWANA	Membership	223.00
13627	06/15/2022	Printed			429	CHASE	Visa	814.89
13628	06/15/2022	Printed			117	KONICA MINOLTA	Copier 5/10-6/9/22	57.99
13629	06/15/2022	Printed			184	MISSION SQUARE	6/9/22 Payroll	972.16
13630	06/15/2022	Printed			184	MISSION SQUARE	6/23/22 Payroll	972.16
13631	06/15/2022	Printed			29	CITY OF NOVI	Host Fess FY 21-22	16,000.00
13632	06/16/2022	Printed			124	BLUE CROSS BLUE SHIELD OF MICH	July 2022	5,015.40
13633	06/16/2022	Printed			123	IRIS WASTE DIVERSION SPECIAL	June 1-15, 2022 grant work	12,183.33
13634	06/16/2022	Printed			414	LAURA SHAW	Sam's Club Membership reimburs	140.00
13635	06/16/2022	Printed			130	THE HARTFORD	July 2022	527.09
13636	06/22/2022	Printed			126	SHREDCORP	FH shred day-6/14/2022	1,000.00
13637	06/22/2022	Printed			126	SHREDCORP	Wixom shred day-6/21/2022	500.00
13638	06/22/2022	Printed			33	SQS, INC.	South Lyon batteries	692.12
13639	06/22/2022	Printed			33	SQS, INC.	Farmington batteries	512.06
13640	07/06/2022	Printed			94	COMCAST	Telephone & internet	396.86
13641	07/06/2022	Printed			140	FIRE ROVER	June 2022	150.00
13642	07/06/2022	Printed			123	IRIS WASTE DIVERSION SPECIAL	June 2022	3,050.00
13643	07/06/2022	Printed			123	IRIS WASTE DIVERSION SPECIAL	June 2022 grant work	2,043.75
13644	07/06/2022	Printed			33	SQS, INC.	June 2022 appointments	11,543.00
13645	07/06/2022	Printed			184	MISSION SQUARE		1,135.02
13646	07/13/2022	Printed			137	GFL	June 2022	12,300.00
13647	07/13/2022	Printed			160	KASTLE SYSTEMS LLC	August 2022	1,118.00
13648	07/13/2022	Printed			184	MISSION SQUARE	7/21/2022 Payroll	1,135.02
13649	07/14/2022	Printed			25	RESOURCE RECYCLING SYSTEMS, IN	Quarterly inspection-June 2022	1,475.75
13650	07/19/2022	Printed			124	BLUE CROSS BLUE SHIELD OF MICH	August 2022	5,015.40
13651	07/19/2022	Printed			429	CHASE	Visa-June	935.77
13652	07/19/2022	Printed			140	FIRE ROVER	July 2022	150.00
13653	07/19/2022	Printed			9	KONICA MINOLTA BUS. SOLUTIONS	Copier 6/10-7/9/22	78.65
13654	07/19/2022	Printed			4	PLANTE & MORAN PLLC	FY 21-22 Audit	10,225.00
13655	07/19/2022	Printed			039	TELEPHONE SUPPORT SYSTEMS	Telephone repair	214.00
13656	07/19/2022	Printed			130	THE HARTFORD	August 2022	527.09
13657	08/03/2022	Printed			165	AMOS MFG., INC.	Shredder belts	477.94
13658	08/03/2022	Printed			94	COMCAST	Phone & internet	398.57
13659	08/03/2022	Printed			87	EMERGE KNOWLEDGE DESIGN, INC.	Re-Trac 7/1/22-6/30/23	1,750.00
13660	08/03/2022	Printed			164	LEE INDUSTRIAL CONTRACTING	Permit & Eng. for exterior wal	2,500.00
13661	08/03/2022	Printed			148	PHOENIX INNOVATE	Flyers	1,449.00
13662	08/03/2022	Printed			33	SQS, INC.	Wixom HHW 7-16-2022	29,526.00
13663	08/03/2022	Printed			33	SQS, INC.	South Lyon batteries	802.25
13664	08/03/2022	Printed			33	SQS, INC.	Farmington batteries	539.93
13665	08/10/2022	Printed			137	GFL	Noi DO-July 2022	10,950.00
13666	08/10/2022	Printed			123	IRIS WASTE DIVERSION SPECIAL	July 2022	2,393.75
13667	08/10/2022	Printed			123	IRIS WASTE DIVERSION SPECIAL	July 2022 APP to Action	3,074.53
13668	08/10/2022	Printed			160	KASTLE SYSTEMS LLC	September 2022	1,118.00
13669	08/10/2022	Printed			25	RESOURCE RECYCLING SYSTEMS, IN	Monthly Labor Billings	1,468.00
13670	08/10/2022	Printed			25	RESOURCE RECYCLING SYSTEMS, IN	Monthly Labor Billings	1,425.00

Check Register Report

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BANK: STANDARD FEDERAL BANK

Check Number	Check Date	Status	Void/Stop Date	Reconcile Date	Vendor Number	Vendor Name	Check Description	Amount
STANDARD FEDERAL BANK Checks								
13671	08/15/2022	Printed			124	BLUE CROSS BLUE SHIELD OF MICH	September 2022	5,015.40
13672	08/15/2022	Printed			33	SQS, INC.	July 2022 appointments	12,222.00
13673	08/15/2022	Printed			130	THE HARTFORD	September 2022	527.09
13674	08/15/2022	Printed			184	MISSION SQUARE	8/4/2022 Payroll	1,135.02
13675	08/15/2022	Printed			184	MISSION SQUARE	8/18/2022 Payroll	1,135.02
13676	08/29/2022	Printed			534	AMERICAN PUBLIC WORKS ASSOC.	Membership dues	247.00
13677	08/29/2022	Printed			166	AMY CLARK	Reimbursement for ERG appt.	35.25
13678	08/29/2022	Printed			6	CASH	Petty Cash	300.00
13679	08/29/2022	Printed			429	CHASE	Visa	749.45
13680	08/29/2022	Printed			94	COMCAST	Phone & internet	389.37
13681	08/29/2022	Printed			140	FIRE ROVER	August 2022	150.00
13682	08/29/2022	Printed			9	KONICA MINOLTA BUS. SOLUTIONS	Copier 7/10-8/9/22	69.80
13683	08/29/2022	Printed			125	MI MUNICIPAL RISK MANAGEMENT	General Fund	18,593.00
13684	08/29/2022	Printed			125	MI MUNICIPAL RISK MANAGEMENT	Retention Fund	8,000.00
13685	08/29/2022	Printed			184	MISSION SQUARE	9/1/2022 Payroll	1,135.02
13686	08/29/2022	Printed			4	PLANTE & MORAN PLLC	FY 21-22 Audit	4,495.00
13687	09/13/2022	Printed			124	BLUE CROSS BLUE SHIELD OF MICH	October 2022	5,015.40
13688	09/13/2022	Printed			140	FIRE ROVER	September 2022	150.00
13689	09/13/2022	Printed			137	GFL	August 2022	11,700.00
13690	09/13/2022	Printed			123	IRIS WASTE DIVERSION SPECIAL	August 2022	3,043.75
13691	09/13/2022	Printed			123	IRIS WASTE DIVERSION SPECIAL	August 2022 grant work	8,072.50
13692	09/13/2022	Printed			160	KASTLE SYSTEMS LLC	October 2022	1,118.00
13693	09/13/2022	Printed			184	MISSION SQUARE	9/15/2022 Payroll	1,135.02
13694	09/13/2022	Printed			25	RESOURCE RECYCLING SYSTEMS, IN	August Monthly Labor Billings	5,001.00
13695	09/13/2022	Printed			33	SQS, INC.	August 2022 appointments	11,979.50
13696	09/13/2022	Printed			33	SQS, INC.	South Lyon batteries	719.58
13697	09/13/2022	Printed			33	SQS, INC.	Farmington batteries	460.43
13698	09/13/2022	Printed			130	THE HARTFORD	October 2022	527.09

Total Checks: 126

Checks Total (excluding void checks):

619,364.68

Total Payments: 126

Bank Total (excluding void checks):

619,364.68

Total Payments: 126

Grand Total (excluding void checks):

619,364.68



P.O. Box 15284
Wilmington, DE 19850

Customer service information

- Customer service: 1.888.400.9009
- bankofamerica.com
- Bank of America, N.A.
P.O. Box 25118
Tampa, FL 33622-5118

AG 0914 0 644 850 09865 #01 AV 0.455

RESOURCE RECOVERY AND RECYCLING
AUTHORITY OF SOUTHWEST OAKLAND COUNTY
20000 W 8 MILE RD
SOUTHFIELD, MI 48075-5708

Your Public Funds Interest Checking

for August 1, 2022 to August 31, 2022

Account number: 1

RESOURCE RECOVERY AND RECYCLING AUTHORITY OF SOUTHWEST OAKLAND COUNTY

Account summary

Beginning balance on August 1, 2022	\$467,026.92
Deposits and other credits	321,163.24
Withdrawals and other debits	-95,000.00
Checks	-0.00
Service fees	-157.43
Ending balance on August 31, 2022	\$693,032.73

of deposits/credits: 10
of withdrawals/debits: 4
of days in cycle: 31
Average ledger balance: \$622,680.92

Annual Percentage Yield Earned this statement period: 0.15%.
Interest Paid Year To Date: \$91.83.



Oakland County Investment Pool
Position Report - Portrait
Investment 1

Oakland County Treasury

As Of September 13, 2022

Investment #
Fund

CUSIP SYSTEM SYS
Issuer 99999 Pooled Investments
Cert./Acct#
Dealer GASB 3
Custodian
Asset Class Cash and Equivalents S&P Moody's
Investment Class Book Value

Beginning Balance Date 10/01/2021
Beginning Balance 115,350.76
Current Balance 617,564.25

Deactivate Date

Accrued Interest from Previous
Fiscal Year 66.42

Managed Pool Accounts (PA4)

Begin Rate 0.6909707 Current 0.5312428
Rates as of 08/01/2022 Basis 365
Interest Period ME
First Interest Due 06/01/2012
☒ Add Interest to Account Balance

☐ Include in Yield Calculation
☒ Clearing Account

Market Price 0
Market Price Date

Last Withdrawal Date 09/01/2022
Last Deposit Date 02/23/2022

Comment

Current Fiscal Year
Interest Received to 2,356.91

Passbook Transactions

Trans. Dat	Deposit	Withdrawal	Int. Rcvd.	Balance	Rate	Cd Receipt	Comments
08/01/2022	0.00	19.21	296.39	617,301.11		FI	Interest Earnings
08/01/2022	0.00	0.00	0.00	617,301.11	0.531	R	Interest Earnings
09/01/2022	0.00	0.00	0.00	617,301.11		XM EXGL	Balance = 616,010.92
09/01/2022	0.00	19.25	282.39	617,564.25		FI	Interest Earnings

REVENUE/EXPENDITURE REPORT

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2:17 pm

RRRASOC

For the Period: 7/1/2022 to 8/31/2022

	Original Bud.	Amended Bud.	YTD Actual	CURR MTH	Encumb. YTD	UnencBal	% Bud
Fund: 596 - GENERAL FUND - ADMINISTRATION							
Revenues							
Dept: 521.000 ADMINISTRATION							
580.000 MEMBER CONTRIBUTIONS	360,054.00	360,054.00	243,402.50	211,721.25	0.00	116,651.50	67.6
645.000 REVENUE SHARING-RRRASOC	125,000.00	125,000.00	0.00	0.00	0.00	125,000.00	0.0
646.000 REVENUE SHARING-NON RRRASOC	7,000.00	7,000.00	0.00	0.00	0.00	7,000.00	0.0
647.000 HOST FEES	250,000.00	250,000.00	0.00	0.00	0.00	250,000.00	0.0
664.000 INTEREST INCOME	2,500.00	2,500.00	660.53	360.52	0.00	1,839.47	26.4
671.000 MISCELLANEOUS INCOME	19,432.00	19,432.00	83.60	6.45	0.00	19,348.40	0.4
ADMINISTRATION	763,986.00	763,986.00	244,146.63	212,088.22	0.00	519,839.37	32.0
Revenues	763,986.00	763,986.00	244,146.63	212,088.22	0.00	519,839.37	32.0
Expenditures							
Dept: 521.000 ADMINISTRATION							
702.000 SUPERVISORY SALARIES	121,386.00	121,386.00	18,674.76	9,337.38	0.00	102,711.24	15.4
703.000 PERMANENT SALARIES	60,072.00	60,072.00	9,415.12	4,794.20	0.00	50,656.88	15.7
705.000 OVERTIME	7,334.00	7,334.00	2,334.35	0.00	0.00	4,999.65	31.8
710.000 FICA	16,356.00	16,356.00	2,608.46	1,214.94	0.00	13,747.54	15.9
711.000 MEDICAL/DENTAL INSURANCE	68,000.00	68,000.00	16,627.47	5,542.49	0.00	51,372.53	24.5
712.000 UNEMPLOYMENT INSURANCE	884.00	884.00	0.00	0.00	0.00	884.00	0.0
713.000 WORKERS COMP.	800.00	800.00	0.00	0.00	0.00	800.00	0.0
715.000 ICMA	25,006.00	25,006.00	4,808.70	2,885.22	0.00	20,197.30	19.2
727.000 OPERATING SUPPLIES	750.00	750.00	0.00	0.00	0.00	750.00	0.0
728.000 OFFICE SUPPLIES	2,000.00	2,000.00	117.73	117.73	0.00	1,882.27	5.9
729.000 POSTAGE & MAILING	17,400.00	17,400.00	185.64	185.64	0.00	17,214.36	1.1
730.000 MAGAZINES & PERIODICALS	80.00	80.00	0.00	0.00	0.00	80.00	0.0
810.000 AUDIT	13,000.00	13,000.00	14,720.00	4,495.00	0.00	-1,720.00	113.2
811.000 CONSULTING SERV. - ENGRS.	10,000.00	10,000.00	0.00	0.00	0.00	10,000.00	0.0
812.000 LEGAL COUNSEL	2,700.00	2,700.00	0.00	0.00	0.00	2,700.00	0.0
821.000 MEMBERSHIP DUES	800.00	800.00	470.00	247.00	0.00	330.00	58.8
822.000 CONTRACTUAL SERVICES-OTHER	140,600.00	140,600.00	8,383.24	7,701.43	0.00	132,216.76	6.0
822.002 DROP-PFF	174,216.00	174,216.00	14,304.00	12,068.00	0.00	159,912.00	8.2
822.003 HHW Wash	30,000.00	30,000.00	5,693.93	5,693.93	0.00	24,306.07	19.0
830.000 TELEPHONE	6,480.00	6,480.00	1,324.80	927.94	0.00	5,155.20	20.4
831.000 VEHICLE EXPENSE	4,800.00	4,800.00	800.00	400.00	0.00	4,000.00	16.7
835.000 COMMUNITY RELATIONS	8,700.00	8,700.00	0.00	0.00	0.00	8,700.00	0.0
836.000 PRINTING & PUBLISHING	39,915.00	39,915.00	3,131.50	3,131.50	0.00	36,783.50	7.8
840.000 BUILDING/LIAB. INS.	25,685.00	25,685.00	26,593.00	26,593.00	0.00	-908.00	103.5
850.000 EQUIPMENT MAINTENANCE	24,914.00	24,914.00	2,159.94	1,945.94	0.00	22,754.06	8.7
851.000 BUILDING MAINTENANCE	1,700.00	1,700.00	0.00	0.00	0.00	1,700.00	0.0
852.000 OFFICE EQUIPMENT RENTAL	1,000.00	1,000.00	69.80	69.80	0.00	930.20	7.0
860.000 CONFERENCES & WORKSHOPS	2,000.00	2,000.00	0.00	0.00	0.00	2,000.00	0.0
890.000 MILEAGE EXPENSES	2,500.00	2,500.00	26.56	26.56	0.00	2,473.44	1.1
970.000 CAPITAL OUTLAY	45,000.00	45,000.00	2,500.00	2,500.00	0.00	42,500.00	5.6
975.000 COMPUTER SOFTWARE	685.00	685.00	184.52	184.52	0.00	500.48	26.9
978.000 OFFICE EQUIPMENT	2,500.00	2,500.00	0.00	0.00	0.00	2,500.00	0.0
979.000 CONTINGENCY	17,205.00	17,205.00	0.00	0.00	0.00	17,205.00	0.0
ADMINISTRATION	874,468.00	874,468.00	135,133.52	90,062.22	0.00	739,334.48	15.5
Expenditures	874,468.00	874,468.00	135,133.52	90,062.22	0.00	739,334.48	15.5
Net Effect for GENERAL FUND - ADMINISTRATION	-110,482.00	-110,482.00	109,013.11	122,026.00	0.00	-219,495.11	-98.7
Change in Fund Balance:			109,013.11				
Grand Total Net Effect:	-110,482.00	-110,482.00	109,013.11	122,026.00	0.00	-219,495.11	



Resource Recovery & Recycling Authority of Southwest Oakland County

20000 W. 8 Mile Rd
Southfield, MI 48075-5708
Office: 248.208.2270
Fax: 248.208.2273
www.RRRASOC.org

THE RECYCLING AUTHORITY
Since 1989

Minutes of April 28, 2022 RRRASOC Board of Directors Meeting 9:30 am Southfield City Council Conference Room 26000 Evergreen Road Southfield, MI 48076

1. Call to Order

Mr. Zorn called the meeting to order at 9:32 a.m.

2. Roll Call

Fred Zorn	Chairperson, Southfield
Don Green	Vice Chairperson, Charter Township of Milford
Gary Mekjian	Secretary, Farmington Hills
David Murphy	Farmington
Paul Zelenak	South Lyon
Jeff Herczeg	Novi
Tim Sikma	Wixom

Also present:

Souzan Hanna	City of Southfield, Planning Department
Michael Csapo	RRRASOC
Laura Shaw	RRRASOC

3. Approval of Agenda

Mr. Green moved to approve the agenda. Mr. Mekjian supported and the motion passed unanimously by the Board.

4. Audience Participation

None.

5. Public Hearing

FY 2022-2023 Budget

Mr. Murphy moved to open the Public Hearing. Mr. Green supported and the motion passed unanimously by the Board. No public was in attendance. Mr. Murphy moved to close the Public Hearing. Mr. Green supported and the motion passed unanimously by the Board.

6. Matters for Discussion/Action

A. Proposed FY 2022-2023 Budget

RRRASOC Member Communities
Farmington ♦ Farmington Hills ♦ Milford ♦ Milford Township
Novi ♦ South Lyon ♦ Southfield ♦ Walled Lake ♦ Wixom

Mr. Csapo presented the proposed FY 2022-2023 budget and amended FY 2021-2022 budget.

Mr. Mekjian made a motion to adopt the proposed FY 2022-2023 RRRASOC budget and the amended FY 2021-2022 budget as presented. Mr. Zelenak supported and the motion passed unanimously by the Board.

B. MRF Evaluation Project

Mr. Csapo explained to the Board that the MRF Operating Agreement with Republic Services expires on September 30, 2023. A two-year and five-year extension options are available.

Mr. Csapo explained the Resource Recycling Systems (RRS) proposed MRF Evaluation Project. Mr. Csapo is recommending this project be done before the expiration of the contract with Republic Services.

Mr. Green made a motion to approve the MRF Evaluation Project. Mr. Mekjian supported and the motion passed unanimously by the Board.

C. Disaster and Storm Debris Management Plan Update (verbal update)

Mr. Csapo discussed the Disaster and Storm Debris Management Plan. Mr. Csapo explained that RRS is working with NextCycle on an RFQ which should be complete within the next couple of weeks. The plan will include a total of 21 communities in Oakland County.

D. Performance Evaluation

Mr. Green made a motion to increase both the General Manager's salary and Administrative Secretary's salary by 4.0%. Mr. Zelenak supported and the motion passed unanimously by the Board.

7. Manager's Report

Mr. Csapo informed the Board that the first two HHW events were both record breaking events. Mr. Csapo informed the Board that the grant funded Southfield MRF shredder install will be completed within the next couple of weeks.

8. Other

None.

9. Consent Agenda

- A. Recycling Report**
- B. MRF Operations Report**
- C. Payment of Bills Report**
- D. Investment Report**
- E. Revenue and Expenditure Report**
- F. Minutes of February 24, 2022 Regular Meeting**

Mr. Sikma moved to approve the Consent Agenda. Mr. Mekjian supported and the motion passed unanimously by the Board.

10. Adjournment

Mr. Zelenak made a motion to adjourn at 10:45 a.m. Mr. Herczeg supported and the motion passed unanimously by the Board.