



R·R·R·A·S·O·C

Resource Recovery & Recycling Authority of Southwest Oakland County

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

THE RECYCLING AUTHORITY
Since 1989

Agenda
December 18, 2025
RRRASOC Board of Directors
Regular Meeting
9:30 am
City Council Chambers
Farmington Hills City Hall
31555 W. Eleven Mile Road
Farmington Hills, MI 48336

1. Call to Order
2. Roll Call
3. Approval of Agenda
4. Audience Participation
5. Consent Agenda
 - A. Payment of Bills Report
 - B. Investment Report
 - C. Revenue and Expenditure Report
 - D. MRF Operations Report
 - E. Minutes of the October 23, 2025 Regular Meeting
6. Matters for Discussion/Action

A. Battery Stewardship Legislation

B. Municipal Contract Material Destination Clauses

C. South Lyon RFP Responses

7. Manager's Report
8. Other
9. Adjournment

RRRASOC Member Communities

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

Check Register Report

Date: 12/07/2025
 Time: 8:26 pm
 Page: 1

RRRASOC

BANK: STANDARD FEDERAL BANK

Check Number	Check Date	Status	Reconcile Date	Vendor Number	Vendor Name	Check Description	Amount
STANDARD FEDERAL BANK Checks							
14467	10/23/2025	Void					0.00
14468	10/23/2025	Void					0.00
14469	10/23/2025	Void					0.00
14470	10/23/2025	Printed		176	MARK GILLESPIE	ERG Appointment	253.50
14471	10/23/2025	Printed		184	MISSION SQUARE	11/6/25 Payroll-Plan #303663	1,314.39
14472	10/23/2025	Void					0.00
14473	10/23/2025	Printed		184	MISSION SQUARE	11/20/25 Payroll-Plan #303663	1,314.39
14474	11/07/2025	Printed		140	FIRE ROVER	October 2025	161.00
14475	11/07/2025	Printed		137	GFL ENVIRONMENTAL	October 2025	15,405.00
14476	11/07/2025	Printed		123	IRIS WASTE DIVERSION SPECIAL	October 2025	4,661.25
14477	11/07/2025	Void					0.00
14478	11/07/2025	Void					0.00
14479	11/07/2025	Void					0.00
14480	11/07/2025	Void					0.00
14481	11/07/2025	Printed		160	KASTLE SYSTEMS LLC	December 2025	1,209.23
14482	11/07/2025	Printed		33	SQS, INC.	October 2025 appts	14,446.00
14483	11/07/2025	Printed		33	SQS, INC.	Battery collection @ FH OH	2,500.91
14484	11/07/2025	Printed		33	SQS, INC.	Southfield HHW Fall event	55,040.00
14485	11/24/2025	Printed		124	BLUE CROSS BLUE SHIELD OF MICH	December 2025	6,084.63
14486	11/24/2025	Printed		429	CHASE	Visa	764.27
14487	11/24/2025	Printed		184	MISSION SQUARE	12/4/25 Payroll-Plan #303663	1,109.12
14488	11/24/2025	Printed		184	MISSION SQUARE	12/18/25 Payroll-Plan #303663	1,109.12
14489	11/24/2025	Printed		177	MY GREEN MICHIGAN LLC	64 Gallon Organic Carts	331.40
14490	11/24/2025	Printed		33	SQS, INC.	South Lyon batteries	802.18
14491	11/24/2025	Printed		33	SQS, INC.	Farmington batteries	494.43
14492	11/24/2025	Printed		130	THE HARTFORD	December 2025	576.29
14493	11/24/2025	Printed		121	TYLER TECHNOLOGIES, INC.	GL & AP	2,484.22

Total Checks: 27

Checks Total (excluding void checks):

110,061.33

Total Payments: 27

Bank Total (excluding void checks):

110,061.33

Total Payments: 27

Grand Total (excluding void checks):

110,061.33



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

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

Please see the **Important Messages - Please Read** section of your statement for important details that could impact you.

Your Full Analysis Business Checking

for November 1, 2025 to November 30, 2025

Account number:

RESOURCE RECOVERY AND RECYCLING AUTHORITY OF SOUTHWEST OAKLAND COUNTY

Account summary

Beginning balance on November 1, 2025	\$175,529.09
Deposits and other credits	117,829.67
Withdrawals and other debits	-28,869.44
Checks	-79,553.68
Service fees	-395.80
Ending balance on November 30, 2025	\$184,539.84

of deposits/credits: 5

of withdrawals/debits: 15

of days in cycle: 30

Average ledger balance: \$185,750.41



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Wilmington, DE 19850

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

Please see the **Important Messages - Please Read** section of your statement for important details that could impact you.

Your Public Funds Interest Checking

for November 1, 2025 to November 30, 2025

Account number: :

RESOURCE RECOVERY AND RECYCLING AUTHORITY OF SOUTHWEST OAKLAND COUNTY

Account summary

Beginning balance on November 1, 2025	\$343,995.07	# of deposits/credits: 1
Deposits and other credits	128.62	# of withdrawals/debits: 1
Withdrawals and other debits	-0.00	# of days in cycle: 30
Checks	-0.00	Average ledger balance: \$343,924.07
Service fees	-161.33	
Ending balance on November 30, 2025	\$343,962.36	

Annual Percentage Yield Earned this statement period: 0.46%.
Interest Paid Year To Date: \$757.44.



**Oakland County Investment Pool
Position Report - Portrait
Investment**

Oakland County Treasury

As Of December 4, 2025

Investment #				Managed Pool Accounts		(PA4)	
Fund				Begin Rate	4.1010000	Current	4.0575115
CUSIP	SYSTEM	SYS		Rates as of	11/01/2025	Basis	365
Issuer	99999	Pooled Investments		Interest Period	ME		
Cert./Acct#				First Interest Due	11/01/2025		
Dealer		GASB 3		<input checked="" type="checkbox"/> Add Interest to Account Balance			
Custodian				<input type="checkbox"/> Include in Yield Calculation			
Asset Class	Cash and Equivalents	S&P	Moody'	<input checked="" type="checkbox"/> Clearing Account			
Investment Class	Book Value						
Beginning Balance Date		10/01/2025					
Beginning Balance		564,862.98					
Current Balance		568,437.34					
Deactivate Date				Market Price	0		
Accrued Interest from Previous Fiscal Year		1,805.16		Market Price Date			
				Last Withdrawal Date	12/01/2025		
				Last Deposit Date			
				Comment			
				Current Fiscal Year			
				Interest Received to	3,608.59		

Passbook Transactions

Trans. Dat	Deposit	Withdrawal	Int. Rcvd.	Balance	Rate	Cd Receipt	Comments
11/01/2025	0.00	17.37	1,719.13	566,564.74		FI	Interest Earnings
11/01/2025	0.00	0.00	0.00	566,564.74	4.058	R	Interest Earnings
12/01/2025	0.00	16.86	1,889.46	568,437.34		FI	Interest Earnings

RRRASOC

For the Period: 7/1/2025 to 11/30/2025

Original Bud. Amended Bud. YTD Actual CURR MTH Encumb. YTD UnencBal % Bud

Fund: 596 - GENERAL FUND - ADMINISTRATION

Revenues

580.000 MEMBER CONTRIBUTIONS	576,086.00	576,086.00	554,946.00	0.00	0.00	21,140.00	96.3
582.000 MEMBER TIP FEE REIMBURSEMENT	350,300.00	350,300.00	0.00	0.00	0.00	350,300.00	0.0
645.000 REVENUE SHARING-RRRASOC	350,300.00	350,300.00	0.00	0.00	0.00	350,300.00	0.0
646.000 REVENUE SHARING-NON RRRASOC	21,500.00	21,500.00	0.00	0.00	0.00	21,500.00	0.0
647.000 HOST FEES	150,000.00	150,000.00	62,813.81	19,480.67	0.00	87,186.19	41.9
664.000 INTEREST INCOME	10,000.00	10,000.00	9,767.13	2,018.08	0.00	232.87	97.7
671.000 MISCELLANEOUS INCOME	72,548.00	72,548.00	23,574.31	22,320.00	0.00	48,973.69	32.5

Revenues

	1,530,734.00	1,530,734.00	651,101.25	43,818.75	0.00	879,632.75	42.5
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Expenditures

702.000 SUPERVISORY SALARIES	143,789.00	143,789.00	55,303.50	11,060.70	0.00	88,485.50	38.5
703.000 PERMANENT SALARIES	71,160.00	71,160.00	27,369.20	5,063.30	0.00	43,790.80	38.5
705.000 OVERTIME	7,766.00	7,766.00	2,765.18	0.00	0.00	5,000.82	35.6
710.000 FICA	19,244.00	19,244.00	7,384.53	1,434.60	0.00	11,859.47	38.4
711.000 MEDICAL/DENTAL INSURANCE	75,094.00	75,094.00	37,433.32	6,660.92	0.00	37,660.68	49.8
712.000 UNEMPLOYMENT INSURANCE	532.00	532.00	0.00	0.00	0.00	532.00	0.0
713.000 WORKERS COMP.	1,100.00	1,100.00	0.00	0.00	0.00	1,100.00	0.0
715.000 ICMA	28,838.00	28,838.00	13,309.44	2,218.24	0.00	15,528.56	46.2
727.000 OPERATING SUPPLIES	250.00	250.00	0.00	0.00	0.00	250.00	0.0
728.000 OFFICE SUPPLIES	1,500.00	1,500.00	2,560.92	-10.98	0.00	-1,060.92	170.7
729.000 POSTAGE & MAILING	19,516.00	19,516.00	506.00	0.00	0.00	19,010.00	2.6
730.000 MAGAZINES & PERIODICALS	160.00	160.00	0.00	0.00	0.00	160.00	0.0
810.000 AUDIT	18,500.00	18,500.00	19,195.00	0.00	0.00	-695.00	103.8
812.000 LEGAL COUNSEL	4,000.00	4,000.00	0.00	0.00	0.00	4,000.00	0.0
821.000 MEMBERSHIP DUES	1,148.00	1,148.00	743.12	0.00	0.00	404.88	64.7
822.000 CONTRACTUAL SERVICES-OTHER	171,974.00	171,974.00	21,820.78	3,996.95	0.00	150,153.22	12.7
822.002 DROP-PFF	267,000.00	267,000.00	67,510.38	16,614.23	0.00	199,489.62	25.3
822.003 HHW Wash	0.00	0.00	15,390.85	-3,686.48	0.00	-15,390.85	0.0
822.004 CURBSIDE RECYCLING TIP FEES	35,000.00	35,000.00	0.00	0.00	0.00	35,000.00	0.0
830.000 TELEPHONE	4,980.00	4,980.00	1,465.36	401.39	0.00	3,514.64	29.4
831.000 VEHICLE EXPENSE	4,800.00	4,800.00	2,000.00	400.00	0.00	2,800.00	41.7
835.000 COMMUNITY RELATIONS	9,300.00	9,300.00	3,894.50	0.00	0.00	5,405.50	41.9
836.000 PRINTING & PUBLISHING	55,053.00	55,053.00	22,451.28	13,713.53	0.00	32,601.72	40.8
840.000 BUILDING/LIAB. INS.	25,000.00	25,000.00	28,346.00	0.00	0.00	-3,346.00	113.4
850.000 EQUIPMENT MAINTENANCE	30,500.00	30,500.00	7,588.16	2,484.22	0.00	22,911.84	24.9
851.000 BUILDING MAINTENANCE	500.00	500.00	0.00	0.00	0.00	500.00	0.0
860.000 CONFERENCES & WORKSHOPS	500.00	500.00	0.00	0.00	0.00	500.00	0.0
890.000 MILEAGE EXPENSES	2,500.00	2,500.00	451.31	41.89	0.00	2,048.69	18.1
970.000 CAPITAL OUTLAY	45,000.00	45,000.00	0.00	0.00	0.00	45,000.00	0.0
975.000 COMPUTER SOFTWARE	2,234.00	2,234.00	923.76	200.97	0.00	1,310.24	41.4
978.000 OFFICE EQUIPMENT	500.00	500.00	0.00	0.00	0.00	500.00	0.0
979.000 CONTINGENCY	5,804.00	5,804.00	0.00	0.00	0.00	5,804.00	0.0

Expenditures

	1,053,242.00	1,053,242.00	338,412.59	60,593.48	0.00	714,829.41	32.1
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Net Effect for GENERAL FUND - ADMINISTRATION

477,492.00 477,492.00 312,688.66 -16,774.73 0.00 164,803.34 65.5

Change in Fund Balance:

312,688.66

Grand Total Net Effect: 477,492.00 477,492.00 312,688.66 -16,774.73 0.00 164,803.34

MRF Operations Report

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-25	59.48	369.94	38.60	48.38	242.36	45.53	44.33	164.08	27.07	21.24	45.82	1,106.83	3,376.71	4,483.54	24.7%
Feb-25	35.84	303.58	31.15	32.35	192.00	39.84	50.38	142.68	7.75	15.15	45.22	895.94	3,285.71	4,181.65	21.4%
Mar-25	52.47	338.68	28.36	32.07	227.87	47.56	43.51	159.73	13.84	13.47	49.10	1,006.66	3,558.91	4,565.57	22.0%
Apr-25	53.94	383.32	41.17	33.56	276.95	41.91	52.94	154.53	13.28	18.15	67.82	1,137.57	3,954.15	5,091.72	22.3%
May-25	59.91	428.82	43.11	57.15	289.29	46.37	40.97	190.42	12.48	15.67	56.77	1,240.96	4,399.26	5,640.22	22.0%
Jun-25	53.53	395.37	35.92	46.20	253.85	50.49	54.32	168.39	14.45	4.28	50.29	1,127.09	2,980.19	4,107.28	27.4%
Jul-25	60.33	414.34	40.34	71.98	250.05	43.36	64.84	193.45	13.41	20.64	58.02	1,230.76	3,853.53	5,084.29	24.2%
Aug-25	48.81	366.29	34.44	29.78	252.61	46.93	40.56	181.38	12.00	15.78	50.95	1,079.53	3,516.51	4,596.04	23.5%
Sep-25	43.46	364.16	33.67	23.09	236.37	41.12	57.72	189.80	12.14	20.45	48.83	1,070.81	3,353.66	4,424.47	24.2%
Oct-25	54.09	391.10	35.66	29.31	268.24	37.85	60.10	200.38	13.50	20.43	67.77	1,178.43	3,080.08	4,258.51	27.7%
Nov-25												-	-	-	-
Dec-25												-	-	-	-
Total	521.86	3,755.60	362.42	403.87	2,489.59	440.96	509.67	1,744.84	139.92	165.26	540.59	11,074.58	35,358.71	46,433.29	23.9%
Average	52.19	375.56	36.24	40.39	248.96	44.10	50.97	174.48	13.99	16.53	54.06	1,107.46	3,535.87	4,643.33	24.0%



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THE RECYCLING AUTHORITY
Since 1989

Minutes of October 23, 2025
RRRASOC Board of Directors
Regular Meeting
9:30 a.m.
Farmington Hills City Hall
Community Room
31555 W. Eleven Mile Road, Farmington Hills, MI 48336

1. Call to Order

Mr. Mekjian called the meeting to order at 9:31 a.m.

2. Roll Call

Gary Mekjian	Chairperson, Farmington Hills
Steve Brown	Vice Chairperson, Wixom
Fred Zorn	Secretary, Southfield
Derrick Schueller	Farmington Hills
Jacob Rushlow	Farmington Hills
Wesley Scallions	Milford Village
Jeff Herzceg	Novi
Paul Zelenak	South Lyon
Keith Szymanski	Plante Moran
Nate Shureb	Plante Moran
Jon Gagnon	Republic Services
Michael Csapo	RRRASOC
Laura Shaw	RRRASOC

3. Approval of Agenda

Mr. Zelenak moved to approve the agenda. Mr. Zorn supported, and the motion passed unanimously by the Board.

4. Audience Participation

None.

5. Consent Agenda

- A. Payment of Bills
- B. Investment Report
- C. Revenue and Expenditure Report
- D. MRF Operations Report

RRRASOC Member Communities

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

E. Minutes of August 28, 2025 Regular Meeting

Mr. Zorn moved to approve the Consent Agenda. Mr. Herczeg supported, and the motion passed unanimously by the Board.

6. Matters for Discussion/Action

A. Audit of FY 2024-2025 RRRASOC Financial Report

Mr. Szymanski informed the Board that the audit for FY 2024-2025 was a clean audit with an unmodified opinion letter.

Mr. Shureb gave the Board a more detailed report of the audit.

Mr. Brown made a motion to accept and file the Audit of FY 2024-2025 with the appropriate agencies. Mr. Zorn supported, and the motion passed unanimously by the Board.

B. Discussion with Republic Services

Mr. Csapo introduced Mr. Gagnon from Republic Services.

Mr. Gagnon gave the Board an overview of a plan moving forward that Republic Services has for the MRF. Included in that overview were topics such as discussion of the extended contract to December 31, 2026, new management of the MRF, and an internal review of the MRF and its equipment.

7. Manager's Report

No comment.

8. Other

No comment.

9. Adjournment

The meeting was adjourned at 10:40 a.m.



R·R·R·A·S·O·C

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THE RECYCLING AUTHORITY
Since 1989

To: RRRASOC Board of Directors
From: Mike Csapo, General Manager
Date: December 10, 2025

Re: **Battery Stewardship Legislation**

Action Requested

Endorse the attached model battery stewardship legislation.

Overview

At its October 26, 2023 Board meeting, the RRRASOC Board of Directors adopted a Policy Statement calling for improved policies and funding, and legislation if necessary, pertaining to batteries. The statement was subsequently adopted by a variety of stakeholders across the state and reflected in the attached Policy Statement from the Michigan Recycling Coalition.

Since then, concerns about batteries and related fires continue to grow. As shown on the attached graphic, the number of fires at waste and recycling facilities in the U.S. and Canada is expected to be at an all-time high in 2025, with many of those fires being battery related.

That trend is consistent with experiences at the RRRASOC MRF. As of this writing, there have been nine fires at the MRF in 2025, with six of them being known or suspected to be battery related and the other three due to propane canisters.

RRRASOC and its Member Communities continue to educate and program around concerns over household batteries. RRRASOC referenced batteries in 39 social media posts and seven electronic newsletters in 2025. Through the HHW program and other battery drop off locations, in FY 2024 – 2025, approximately 37,000 pounds of batteries were collected for proper management at an estimated cost of \$53,000. Those figures do not include batteries that were pulled off the line as contaminants at the MRF.

Stakeholders across Michigan and elsewhere continue to advocate for battery stewardship legislation that uses an Extended Product Stewardship model. More than a dozen states now have regulations and laws pertaining to the collection and recycling of portable batteries.

The attached model legislation, which is advocated by a battery trade organization, the Rechargeable Battery Association, has been found to be consistent the needs expressed in the adopted Policy Statement and can serve to help offset the current costs incurred by RRRASOC and its Member Communities while improving education and programming locally and throughout Michigan.

Recommendation

Endorse the attached model battery stewardship legislation.

RRRASOC Member Communities

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

October 18, 2024

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 Michigan Recycling Coalition calls for improved policies and funding, and legislation as 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.

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.

PO Box 10070
Lansing, MI 48901

517.974.3672
www.michiganrecycles.org

Theo Eggermont, Policy Chair
Nick Carlson, MRC Board Chair
Kerrin, O'Brien, Executive Director
kobrien@michiganrecycles.org



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."¹

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.² According to a 2021 EPA report, "LIB (lithium-ion batteries) fires are happening across the full spectrum of the waste management process."³ 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. A 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."⁴

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.⁵

Supporters



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.

"The Michigan Association of Fire Chiefs acknowledges the increasing frequency and severity of battery-related fires, particularly in waste and recycling facilities and recent experiences underscore the urgent need for comprehensive action. To address this critical issue, we support: 1) Implementing robust education programs for consumers and employees on the proper use, storage, and disposal of batteries to prevent fire hazards. 2) Establishing efficient end-of-life collection and recycling systems for batteries, ensuring they are handled safely and not enter the waste stream. 3) Deploying state-of-the art detection and capture technologies at waste and recycling facilities to identify and manage improperly discarded batteries. And, 4) Investing in on-site fire response equipment and training to ensure a swift and effective response to battery related fires. Adopting a product stewardship or extended producer responsibility (EPR) framework for batteries in Michigan is a prudent step toward mitigating these risks." – Chief Johnny L. Menifee, President Michigan Association of Fire Chiefs

"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. We have experienced equipment damage, destroyed product, lost production time, water damage, extensive cleanup costs and required the assistance of the local fire department." – Darwin J. Baas, MPA, Director, Kent County Department of Public Works

"Emmet County Recycling operates a waste transfer station, MRF, hazardous materials collection program, and hosts a super drop off center in a rural area of northern Michigan. 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. We fear losing our end market due to the complexity of safe shipping requirements. 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) Tolzendorf, 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 and 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

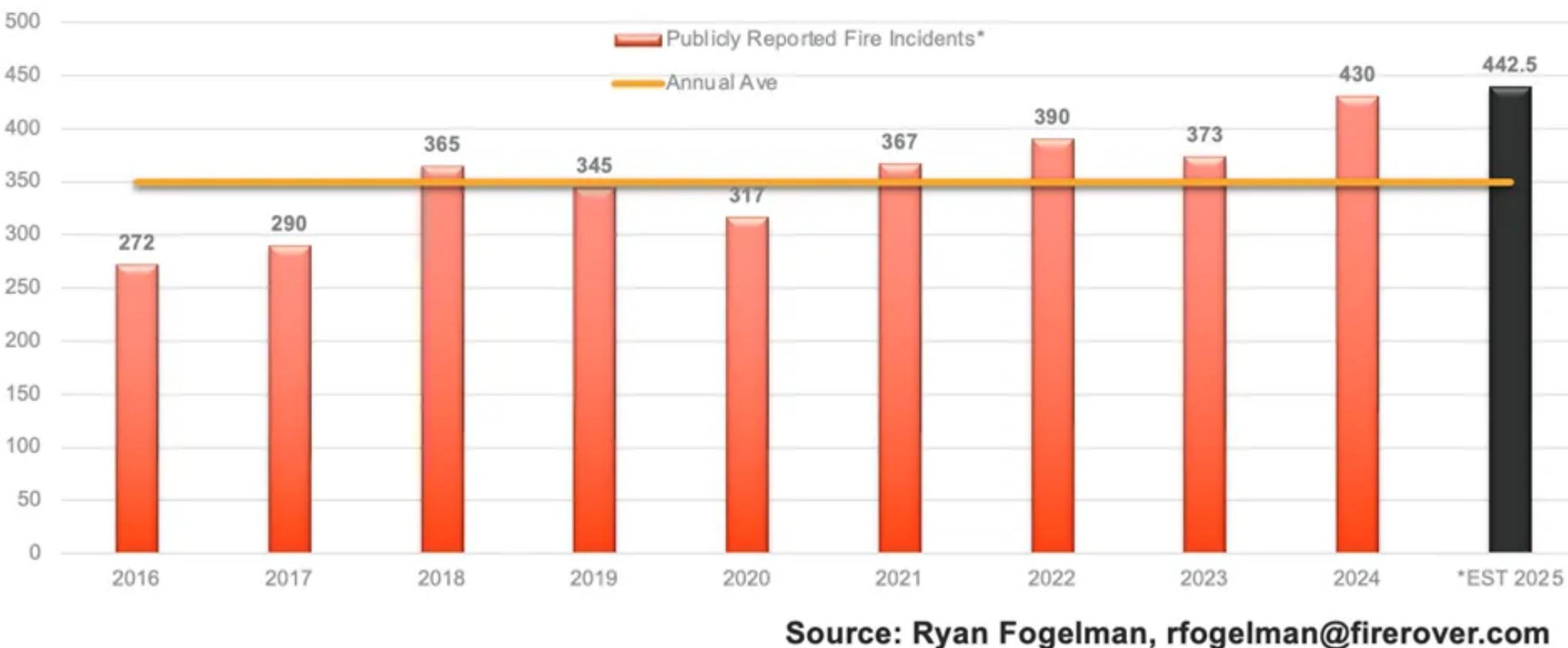
"Recycle Ann Arbor is a small non-profit in Southeast Michigan and operates a state-of- the-art zero waste MRF that serves as a regional recycling hub. In the 2 years our MRF has been in operation, we've had several lithium-ion battery fires break out. These fires can't be extinguished with traditional fire extinguishers, and water may not prevent a lithium-ion battery from burning & spreading. We've invested in fire prevention services. Additionally, reignition of lithium-ion batteries is common. 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. Excessive heat from these fires is very destructive to building infrastructure and equipment, and the water used to distinguish flames can destroy all electronics required to operate the MRF." – Megan Lunsford, Marketing and Communications Manager, Recycle Ann Arbor

"SOCRRA has 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

"Throughout the state of Michigan, Goodwill has encountered compactor fires due to batteries slipping through our robust donation sorting programs. Goodwill diligently strives to ensure that each item entrusted to us finds its best and preferred home. However, with the increasing prevalence of Lithium-Ion batteries in regular household goods, Goodwill faces a significant challenge in safely managing these potentially dangerous items. Goodwill strongly advocates for a funded mechanism to properly recycle batteries, encompassing education, collection, logistics support, and producer assistance. We highly recommend considering the establishment of a statewide program that addresses these realities." – Nick Carlson, Goodwill Industries of West Michigan



ANNUAL REPORTED WASTE & RECYCLING FACILITY FIRES US/CAN 2016 - EST 2025



Source: Ryan Fogelman, r.fogelman@firerover.com

RRRASOC SAFE BATTERY DISPOSAL INFO

For RRRASOC Member Communities: Farmington, Farmington Hills, Milford, Milford Township, Novi, South Lyon, Southfield, Walled Lake, Wixom

	BATTERY TYPE	PROPER DISPOSAL
	Rechargeable Nickel Cadmium (Ni-Cd or Ni-Cad), Nickel Metal Oxy-Hydride (Ni-MH), Lithium Ion (Li-Ion), Nickel Zinc (Ni-Zn)	<p>Rechargeable batteries come in many sizes and forms from AAA to D sizes, cell phone, camera, laptop batteries.</p> <p>Recycling Options:</p> <ul style="list-style-type: none">Take rechargeable batteries to one of the free drop-off locations listed on Call2Recycle.org.Take to a local Best Buy or Batteries Plus Bulbs retailer for recycling.Bring to a RRRASOC Household Hazardous Waste event. <p><i>Rechargeable batteries contain heavy metals such as nickel, cadmium, or lithium and cannot be safely placed in municipal landfills.</i></p>
	Alkaline (Non-rechargeable, Dry Cell)	<p>Recycling Options:</p> <ul style="list-style-type: none">Take alkaline batteries to one of the free drop-off locations listed on Call2Recycle.org.Bring to a RRRASOC Household Hazardous Waste event. <p><i>While not the ideal option, used alkaline (non-rechargeable) batteries may be placed in trash to be landfilled. Alkaline batteries no longer contain toxic materials such as mercury as mercury was banned by federal law in 1996.</i></p>
	Lead-Acid Batteries (Automotive, Marine, Deep Cycle, etc.)	<p>Recycling Options:</p> <ul style="list-style-type: none">Retailers are required to accept a used lead-acid battery with the purchase of a new one. Battery core charges apply.Take to a Batteries Plus Bulbs retailer for recycling.Bring to a RRRASOC Household Hazardous Waste event. <p><i>Lead-acid batteries contain toxic substances such as lead and sulfuric acid which cannot be safely placed in municipal landfills. Once recycled, much of the content is reused in new batteries.</i></p>
	Lithium Single Use & Button Cell Batteries (Labeled Lithium or Li) <i>*Not to be confused with rechargeable Lithium-Ion (Li-Ion)</i>	<p>Recycling Options:</p> <ul style="list-style-type: none">Take lithium single use and button cell batteries to one of the free drop-off locations listed on Call2Recycle.org.Bring to a RRRASOC Household Hazardous Waste event. <p><i>These batteries contain small amounts of toxic heavy metals and should be recycled, when it is possible.</i></p>



NOT SURE WHAT TO DO WITH STUFF?

Use RRRASOC's online searchable Recycling Directory at rrrasoc.org for information and tips on recycling, composting, reuse or disposal options. Download the free mobile smartphone app from the App Store or Google Play. Search for "Recycling Authority".



The State of _____ hereby enacts as follows:

Section 1. SHORT TITLE.

This act shall be known and may be cited as the Safe Battery Collection and Recycling Stewardship Act.

Section 2. FINDINGS AND PURPOSE.

- (1) It is in the public interest of the citizens and businesses of _____ to encourage the recovery and reuse of critical minerals and metals that replace the output of mining and other extractive industries.
- (2) Without a dedicated portable battery stewardship program that is convenient for businesses and consumers and consistent with such programs in other states, battery user confusion regarding proper disposal options will continue to persist.
- (3) Ensuring the safe and proper handling, recycling, and end-of-life management of used portable batteries prevents the release of toxic materials into the environment and removes materials from the waste stream that, if mishandled, may present safety concerns to workers, such as igniting fires at solid waste handling facilities, including materials recovery facilities (MRFs). For these reasons, batteries should not be placed into commingled recycling containers or disposed of via traditional garbage collection containers.
- (4) Jurisdictions around the world have successfully implemented battery stewardship laws that have helped address the challenges posed by the end-of-life management of portable batteries. Because it is difficult for businesses and consumers to differentiate between types and chemistries of batteries, it is the best practice for battery stewardship programs to collect all portable battery types and chemistries.

Section 3. DEFINITIONS.

The definitions in this section apply throughout this chapter unless the context clearly requires otherwise.

- (1) "Department" means the (name of state) Department of
- (2) "Battery-containing product" means a product that contains or is packaged with rechargeable or primary batteries that are covered batteries. A "battery-containing product" does not include a covered device as defined by the (state e-waste statute).
- (3) "Battery stewardship organization" means a producer that directly implements a battery stewardship plan required under this chapter, or one or more organizations each with five or more

producers designated by a group of producers to implement a battery stewardship plan required under this chapter.

- (4) "Collection rate" means a percentage, by weight, of covered batteries that a battery stewardship organization collects that is calculated by dividing the total weight of primary and rechargeable batteries collected during the previous calendar year by the average annual weight of primary and rechargeable batteries that were estimated to have been sold in the state by all producers participating in that approved battery stewardship plan during the previous three calendar years.
- (5) "Covered battery":
 - (a) Means a portable battery and a medium format battery.
 - (b) Does not include:
 - (i) A battery contained within a medical device, as specified in Title 21 U.S.C. Section 321(h) as it existed as of the effective date of this section, that is not designed and marketed for sale or resale principally to consumers for personal use;
 - (ii) A battery that contains an electrolyte as a free liquid;
 - (iii) A lead-acid battery weighing more than 11 pounds;
 - (iv) A lead acid battery subject to the provisions of _____, the (name of state) _____ Act;
 - (v) A battery in a battery-containing product that is not intended or designed to be easily removable from the battery-containing product;
 - (vi) A battery that is being recalled for safety reasons; and
 - (vii) A battery designed to power a motor vehicle, part of a motor vehicle, or a component part of a motor vehicle assembled by, or for, a vehicle manufacturer or franchised dealer, including replacement parts for use in a motor vehicle.
- (6) "Easily removable" means designed by the manufacturer to be removable by the user of the product with no more than commonly used household tools.
- (7) "Environmentally sound management practices" means practices undertaken in connection with this act that: (a) comply with all applicable laws and rules in place to protect workers, public health, and the environment; (b) provide for adequate recordkeeping, tracking, and documenting of the

fate of materials within the state and beyond; and (c) include comprehensive liability coverage for a battery stewardship organization, including environmental liability coverage that is commercially practicable.

- (8) "Large format battery" means:
 - (a) A rechargeable battery that weighs more than 25 pounds or has a rating of more than 2,000 Watt-hours; or
 - (b) A primary battery that weighs more than 25 pounds.
- (11) "Medium format battery" means the following primary or rechargeable covered batteries:
 - (a) For rechargeable batteries, a battery weighing more than 11 pounds or having a rating of more than 300 watt-hours, or both, but weighing no more than 25 pounds and having a rating of no more than 2,000 Watt-hours;
 - (b) For primary batteries, a battery weighing more than 4.4 pounds but not more than 25 pounds.
- (12) "Motor vehicle" means a self-propelled mechanical device with a vehicle identification number (VIN) manufactured primarily for transporting people or property on public streets, roads and highways, excluding devices that run on stationary rails or tracks or fly.
- (13) "Portable battery" means the following primary or rechargeable covered batteries:
 - (a) For rechargeable batteries, a battery weighing no more than 11 pounds and having a rating of no more than 300 Watt-hours;
 - (b) For primary batteries, a battery weighing no more than 4.4 pounds.
- (14) "Primary battery" means a battery that is not capable of being recharged.
- (15) "Producer" means the following person responsible for compliance with requirements under this chapter for a covered battery or battery-containing product sold, offered for sale, or distributed in or into (name of state):
 - (a) For covered batteries:
 - (i) If the battery is sold under the brand of the battery manufacturer, the producer is the person that manufactures the battery;

- (ii) If the battery is sold under a retail brand or under a brand owned by a person other than the manufacturer, the producer is the brand owner;
- (iii) If there is no person to which (a)(i) or (ii) of this subsection applies, the producer is the person that is the licensee of a brand or trademark under which the battery is used in a commercial enterprise, sold, offered for sale, or distributed in or into (name of state), whether or not the trademark is registered in (name of state);
- (iv) If there is no person described in (a)(i) through (iii) of this subsection within the United States, the producer is the person who is the importer of record for the battery into the United States for use in a commercial enterprise that sells, offers for sale, or distributes the battery in (name of state);
- (v) If there is no person described in (a)(i) through (iv) of this subsection with a commercial presence within (name of state), the producer is the person who first sells, offers for sale, or distributes the battery in or into (name of state).

(b) For covered battery-containing products:

- (i) If the battery-containing product is sold under the brand of the product manufacturer, the producer is the person that manufactures the product;
- (ii) If the battery-containing product is sold under a retail brand or under a brand owned by a person other than the manufacturer, the producer is the brand owner;
- (iii) If there is no person to which (b)(i) or (ii) of this subsection applies, the producer is the person that is the licensee of a brand or trademark under which the product is used in a commercial enterprise, sold, offered for sale, or distributed in or into (name of state), whether or not the trademark is registered in (name of state);
- (iv) If there is no person described in (b)(i) through (iii) of this subsection within the United States, the producer is the person who is the importer of record for the product into the United States for use in a commercial enterprise that sells, offers for sale, or distributes the product in (name of state);

- (v) If there is no person described in (b)(i) through (iv) of this subsection with a commercial presence within (name of state), the producer is the person who first sells, offers for sale, or distributes the product in or into (name of state);
- (vi) A producer does not include any person who only manufactures, sells, offers for sale, distributes, or imports into (name of state) a battery-containing product if the only batteries used by the battery-containing product are supplied by a producer that has joined a registered battery stewardship organization as the producer for that covered battery under this chapter. Such a producer of covered batteries that are included in a battery-containing product must provide written certification of that membership to both the producer of the covered battery-containing product and a battery stewardship organization of which the battery producer is a member.

(16) "Program" means a program implemented by a battery stewardship organization consistent with an approved battery stewardship plan.

(17) "Rechargeable battery" means a battery that contains one or more voltaic or galvanic cells, electrically connected to produce electric energy, designed to be recharged.

(18) "Recycling" is as defined in (name of state) _____ Act.

(19) "Recycling efficiency rate" means the ratio of the weight of covered battery components and materials recycled by a program operator from covered batteries to the weight of those covered batteries collected by the program operator.

(20) "Retailer" means a person who sells covered batteries or battery-containing products in or into this state or offers or otherwise makes available covered batteries or battery-containing products to a customer, including other businesses, in this state.

Section 4. REQUIREMENT THAT PRODUCERS IMPLEMENT A STEWARDSHIP PLAN.

Beginning January 1, 20XX:

(1) Each producer selling, offering or making available for sale, or distributing covered batteries or battery-containing products in or into (name of state) shall participate in an approved (name of state) state battery stewardship plan through participation in and appropriate funding of a battery stewardship organization; and

(2) A producer that does not participate in a battery stewardship organization and battery stewardship plan may not sell, offer or make available for sale, or distribute covered batteries or battery-containing products covered by this chapter in or into (name of state).

Section 5. ROLE OF RETAILERS.

(1) Beginning July 1, 20XX, a retailer may not sell, offer or make available for sale, or distribute a covered battery or battery-containing product unless the producer of the covered battery or battery-containing product certifies to the retailer that the producer participates in a battery stewardship organization whose plan has been approved by the Department.

(2) A retailer is not in violation of the requirements of subsection (1) of this section and is not subject to penalties under section 12 of this act as long as the website made available by the Department under section 12 of this act lists, as of the date a product is made available for retail sale, a producer or brand of covered battery or battery-containing product sold by the retailer as being a participant in an approved plan or the implementer of an approved plan.

(3) Retailers of covered batteries or battery-containing products are not required to make retail locations available to serve as collection sites for a stewardship program operated by a battery stewardship organization. Retailers that serve as a collection site must participate in an approved stewardship plan and comply with the requirements for collection sites, consistent with section 9 of this act. Retailers shall not work directly with independent parties as specified in section 18 unless the independent party is under an agreement with an approved battery stewardship organization.

(4) A retailer may not sell, offer or make available for sale, or distribute covered batteries or battery-containing products, unless those batteries are marked consistent with the requirements of section 14 of this act. A producer of a battery containing product must certify to the retailers of their product that the battery contained in the battery-containing product is marked consistent with the requirements of Section 14 of this act. A retailer may rely on this certification for the purposes of compliance under this subsection.

(5) A retailer selling or offering covered batteries or battery-containing products for sale in (name of state) may provide information, provided to the retailer by a battery stewardship organization, regarding available end-of-life management options for covered batteries collected by a battery stewardship organization. The information that a battery stewardship organization must make available to retailers for voluntary use by retailers must include, but is not limited to, in-store

signage, written materials, and other promotional materials that retailers may use to inform customers of the available end-of-life management options for covered batteries collected by a battery stewardship organization.

(6) Retailers, producers, or battery stewardship organizations shall not charge a specific point-of-sale fee to businesses and consumers to cover the administrative or operational costs of a battery stewardship organization or the battery stewardship program.

Section 6. STEWARDSHIP PLAN COMPONENTS.

(1) By July 1, 20XX, each battery stewardship organization must submit a plan for covered portable and medium format batteries to the Department for approval. The Department must review and may approve a plan based on whether it contains the following components:

- (a) Lists and provides contact information for each member producer, battery brand, and battery-containing product brand covered in the plan;
- (b) Proposes performance goals, consistent with section 7 of this act, including establishing performance goals for each of the next three upcoming calendar years of program implementation;
- (c) Establishes collection goals for each of the first three years of implementation of the battery stewardship plan that are based on the estimated total weight of primary and rechargeable covered batteries that have been sold in the state in the previous three calendar years by the member producers participating in the battery stewardship plan;
- (d) Describes how a battery stewardship organization will make retailers aware of their obligation to sell only covered batteries and battery-containing products of producers participating in an approved plan;
- (e) Describes the education and communications strategy being implemented to effectively promote participation in the approved battery stewardship program and provide the information necessary for effective participation of businesses, consumers, retailers, and others;
- (f) Lists promotional activities to be undertaken, and the identification of business and consumer awareness goals and strategies that the program will employ to achieve these goals after the program begins to be implemented;

- (g) Describes how the public education and outreach components of the program under section 10 of this act will be implemented;
- (h) Describes how a battery stewardship organization will make available to collection sites, for voluntary use, signage, written materials, and other promotional materials that collection sites may use to inform battery users of the available end-of-life management options for covered batteries collected by a battery stewardship organization, and informing businesses, consumers and battery collection sites that automotive lead acid batteries should be returned to retail locations where these batteries are sold;
- (i) Includes collection site safety training procedures related to covered battery collection activities at collection sites, including appropriate protocols to reduce risks of spills or fires and response protocols in the event of a spill or fire, and a protocol for safe management of damaged batteries that are returned to collection sites;
- (j) Describes how the program will collect all covered battery chemistries and brands on a free, continuous, convenient, visible, and accessible basis, and consistent with the requirements of section 9 of this act, including a description of how the statewide convenience standard will be met and a list of collection sites, including the addresses of collection sites;
- (k) Describes the criteria to be used in the program to determine whether an entity may serve as a collection site for discarded batteries under the program;
- (l) Identifies proposed sorters, transporters, processors, and facilities to be used by the program for the final disposition of batteries and how collected batteries will be managed in an environmentally sound manner at facilities operating in compliance with human health and environmental protection standards that are broadly equivalent to or better than those required in the United States;
- (m) Details how the program will help (name of state) achieve the target recycling efficiency rate, calculated consistent with section 11 of this act, of at least 60 percent for rechargeable batteries and at least 70 percent for primary batteries;
- (n) Describes the method to establish and administer a means for fully funding the program in a manner that equitably distributes the program's costs among the member producers that are part of a battery stewardship organization. For producers that elect to meet the requirements of this chapter individually, without joining a battery stewardship

organization, the plan must describe the proposed method to establish and administer a means for fully funding the program; and

- (o) Describes the financing methods used to implement the plan, consistent with section 8 of this act.

(2) The Department shall review a stewardship plan for compliance with this chapter and shall approve, disapprove, or conditionally approve a plan within 120 days of receipt of a plan. The Department may approve multiple plans sharing, on an equitable basis, the costs of implementing elements of the plans that benefit all approved plans from battery stewardship organizations, or a producer that directly implements a battery stewardship plan, as applicable. If the Department disapproves a stewardship plan submitted by a battery stewardship organization, the Department shall explain how the stewardship plan does not comply with this chapter and provide written notice to a battery stewardship organization within 30 days of disapproval. A battery stewardship organization may resubmit to the Department a revised stewardship plan within 60 days of the date the written notice was issued, and the Department shall review the revised stewardship plan within 90 days of resubmittal. If a revised stewardship plan is disapproved by the Department, a producer operating under the stewardship plan shall not be in compliance with this chapter until the Department approves a stewardship plan submitted by a battery stewardship organization that covers the producer's products.

(3) A battery stewardship organization must submit a new plan to the Department for approval:

- (a) If there are significant changes to the methods of collection, transport, or end-of-life management of covered batteries under section 9 of this act that are not provided for in the plan. The Department shall identify the types of significant changes that require a new plan to be submitted to the Department for approval. For purposes of this subsection, adding or removing a processor or transporter under the plan is not considered a significant change that requires a plan resubmittal; and
- (b) No less than every five years.

(4) A battery stewardship organization must provide plan amendments to the Department for approval:

- (a) When proposing changes to the performance goals under section 7 of this act based on the up-to-date experience of the program;

- (b) When there is a change to the method of financing plan implementation under section 8 of this act. This does not include changes to the fees or fee structure established in the plan;
- (c) When the Department approves more than one stewardship organization, and performance goals for each stewardship organization are impacted accordingly; or
- (d) When adding or removing a processor, as part of a quarterly update submitted to the Department.

(5) A battery stewardship organization must notify the Department on a quarterly basis if a producer begins or ceases to participate in a battery stewardship organization. This quarterly notice, if required, must include a current list of the producers and brands participating in the plan.

(6) No earlier than five years after the initial approval of a plan, the Department may require a battery stewardship organization to submit a revised plan, which may include improvements to the collection site network or increased expenditures dedicated to education and outreach if the approved plan has not met the performance goals under section 7 of this act.

Section 7. STEWARDSHIP PROGRAM COMPONENTS—PERFORMANCE GOALS.

- (1) Each battery stewardship plan must include performance goals that measure, on an annual basis, the achievements of the program, including:
 - (a) The quantities of batteries collected;
 - (b) Public awareness; and
 - (c) Public convenience and accessibility of the program.
- (2) The performance goals established in each battery stewardship plan must include, but are not limited to:
 - (a) Target recycling efficiency rates of at least 60 percent for rechargeable batteries and at least 70 percent for primary batteries; and
 - (b) Goals for convenience and accessibility that meet or exceed the minimum requirements established in section 9 of this act.
 - (c) A battery stewardship organization is not authorized to reduce or cease collection, education and outreach, or other activities implemented under an approved plan based on achievement of program performance goals.

Section 8. STEWARDSHIP PROGRAM COMPONENTS—FUNDING.

- (1) Each battery stewardship organization must ensure adequate funding is available to fully implement approved battery stewardship plans, including the implementation of aspects of the plan addressing:
 - (a) Covered battery collection, transporting, and processing;
 - (b) Education and outreach;
 - (c) Program evaluation; and
 - (d) Payment of the administrative fees to the Department under section 12 of this act. The fees shall be allocated between battery stewardship organizations, as applicable.
- (2) A battery stewardship organization implementing a battery stewardship plan on behalf of producers must develop a system to collect charges from participating producers to cover the costs of plan implementation.
 - (a) Each battery stewardship organization is responsible for all costs of participating covered battery collection, transportation, processing, education, administration, Department reimbursement, recycling, and end-of-life management in accordance with the requirements of this act and environmentally sound management practices.
 - (b) Each battery stewardship organization must equitably share the cost of reimbursing local governments and solid waste or recyclables handling facilities for demonstrable and reasonable costs incurred as a result of a local government facility or solid waste or recyclables handling facility serving as a collection site for its program including, but not limited to, associated labor costs and other costs associated with accessibility and collection site standards such as storage.
 - (c) A battery stewardship organization shall at a minimum provide collection sites with appropriate containers for covered batteries subject to its program, training, signage, safety guidance, and educational materials, at no cost to the collection sites.

Section 9. STEWARDSHIP PROGRAM COMPONENTS—COLLECTION AND MANAGEMENT REQUIREMENTS.

- (1) Each battery stewardship organization implementing a battery stewardship plan must provide for the collection of all covered batteries, including all chemistries and brands of covered batteries, on a free, continuous, convenient, visible, and accessible basis to any person, business, government Department, or organization. Except as provided in subsection (2)(b) of this section, each battery stewardship plan must allow any person, business, government Department, or organization to deliver each chemistry and brand of covered battery at each collection site that counts towards the satisfaction of the collection site criteria in subsection (3) of this section.
- (2) Each battery stewardship organization implementing a battery stewardship plan must provide as follows:
 - (a) For each collection site utilized by the program, a battery stewardship organization must provide suitable collection containers for covered batteries that are segregated from other solid waste or make mutually agreeable alternative arrangements for the collection of batteries at the site. The location of collection containers at each collection site used by the program must be within view of a responsible person and must be accompanied by signage made available to the collection site by a battery stewardship organization that informs customers regarding the end-of-life management options for batteries provided by the collection site under this chapter. Each collection site must meet applicable federal, state, and local regulatory requirements while adhering to the operations manual and other safety information provided to the collection site by a battery stewardship organization.
 - (b) That medium format batteries may only be collected at household hazardous waste collection sites or other staffed collection sites that meet applicable federal, state, and local regulatory requirements to manage medium format batteries.
 - (c) For damaged and defective batteries:
 - (i) Damaged and defective batteries are to be collected only at collection sites staffed by persons trained to handle and ship those batteries.
 - (ii) Each battery stewardship organization must equitably share the cost of providing for collection of damaged and defective batteries in each county of the state, either through collection sites or collection events, with qualified staff as specified in (c)(i) of this subsection. Collection events should be provided periodically throughout the year where practicable but must be provided at least once every three years at a minimum, in each county in which there are not

permanent collection sites providing for the collection of damaged and defective batteries.

- (iii) As used in this subsection, "damaged and defective batteries" means batteries that have been damaged or identified by the manufacturer as being defective for safety reasons, that have the potential of producing a dangerous evolution of heat, fire, or short circuit, as referred to in 49 C.F.R. Sec.173.185(f) as of January 1, 2023, or as may be established by the Department by rule to maintain consistency with federal standards.

(3) Each battery stewardship organization implementing a battery stewardship plan must provide as follows:

- (a) A battery stewardship plan that ensures statewide collection opportunities for all covered batteries. Battery stewardship organizations shall coordinate activities with other program operators, including other covered battery collection and recycle programs and electronic waste recyclers, with regard to the proper management or recycling of collected covered batteries, for purposes of providing the efficient delivery of services and avoiding unnecessary duplication of effort and expense. Statewide collection opportunities must be determined by geographic information that considers permanent collection sites. A program may rely, in part, on collection events to supplement the permanent collection services required in (b) and (c) of this subsection. However, only permanent collection services specified in (b) and (c) of this subsection qualify towards the satisfaction of the requirements of this subsection.
- (b) Within two years of approval of a battery stewardship organization plan for portable batteries, each battery stewardship organization must provide statewide collection opportunities that include the provision of:
 - (i) At least one permanent collection site, collection service, or collection event for every 30,000 residents of a county; and
 - (ii) At least one permanent collection site, collection service, or collection event within a 15-mile radius for at least 95% of all [name of state] residents.
- (c) Within two years of approval of a battery stewardship organization plan for medium format batteries, a battery stewardship organization must provide statewide collection opportunities that include the provision of:

- (i) At least 10 permanent collection sites in (name of state) during the initial five-year plan period;
- (ii) Reasonable geographic dispersion of permanent collection sites throughout the state;
- (iii) After the initial five-year plan period, a permanent collection site in each county of at least 200,000 persons, as determined by the most recent federal census; and
- (iv) Service to areas without a permanent collection site. A battery stewardship organization must ensure that there is a collection event at least once every three years in each county of the state which does not have a permanent collection site. Such collection events must provide for the collection of all medium format batteries, including damaged and defective batteries.

(4) Each battery stewardship organization implementing a battery stewardship plan must:

- (c) Use existing public and private waste collection services and facilities, including where cost-effective, mutually agreeable, and otherwise practicable, battery collection sites that are established through other battery collection programs, services, transporters, consolidators, processors, and retailers.
- (d) Use as a collection site for covered batteries any retailer, wholesaler, municipality, solid waste management facility, household hazardous waste facility, or other entity that meets the criteria for collection sites in the approved plan up to the minimum number of sites required for compliance with subsection (3) of this section, upon the submission of a request by such entity to a battery stewardship organization to serve as a collection site. Battery stewardship programs may use additional collection sites in excess of the minimum required in subsection (3) of this section as may be agreed between a battery stewardship organization and the collection site.
- (e) Use as a site for a collection event for covered batteries any retailer, wholesaler, municipality, solid waste management facility, household hazardous waste facility, or other entity that meets the criteria for collection events in the approved plan up to the minimum number of sites required for compliance with subsection (3) of this section, upon the submission of a request by such entity to a battery stewardship organization to serve as a site for a collection event. Battery stewardship programs may use additional sites for

collection events in excess of the minimum required in subsection (3) of this section as may be agreed between the battery stewardship organizations and the collection sites.

- (c) A battery stewardship organization may issue a warning, suspend, or terminate a collection site or service that does not adhere to the collection site criteria in the approved plan or that poses an immediate health and safety concern.

(5) Battery Stewardship Programs:

- (a) Are required to provide for the collection of loose covered batteries.
- (b) Are not required to provide for the collection of battery-containing products.
- (c) Are not required to provide for the collection of batteries that:
 - (i) Are not easily removable from the product other than by the manufacturer; and
 - (ii) Remain contained in a battery-containing product at the time of delivery to a collection site.
- (d) Are not required to provide for the collection of batteries still contained in a covered device as defined by the [reference to state e-waste law, if applicable].
- (e) Are not required to provide for the collection of batteries or battery-containing products being recalled for safety reasons. A battery stewardship organization may seek reimbursement from the producer of a recalled battery or battery containing product for the costs incurred in collecting, transporting, and processing such batteries and products.

Section 10. STEWARDSHIP PROGRAM COMPONENTS—EDUCATION AND OUTREACH REQUIREMENTS.

(1) Each battery stewardship organization must carry out promotional activities in support of plan implementation including, but not limited to, the development:

- (a) And maintenance of a website;
- (b) And placement of advertisements for use on social media or other relevant media platforms;
- (c) Of promotional materials about the program and the restriction on the disposal of covered batteries in section 15 of this act to be used by persons including but not limited to retailers, government agencies, waste and recycling collectors, and organizations;

- (d) And distribution of collection site safety training procedures that are in compliance with state law applicable to collection sites to help ensure proper management of covered batteries at collection sites; and
- (2) Each battery stewardship organization must provide:
 - (a) Battery user-focused educational promotional materials to each collection site used by the program and accessible by customers of retailers that sell covered batteries or battery-containing products; and
 - (b) Safety information related to covered battery collection activities to the operator of each collection site, including appropriate protocols to reduce risks of spills or fires, response protocols in the event of a spill or fire, and response protocols in the event of detection of a damaged or defective battery.
 - (c) Educational materials to the operator of each collection site for the management of recalled batteries, which are not intended to be part of collection as provided under section 9 of this act, to help facilitate transportation and processing of recalled batteries.
- (4) A battery stewardship organization may seek reimbursement from the producer of any recalled battery for expenses incurred in the collection, transportation, or processing of those batteries.
- (5) Upon request by a retailer or other potential collector, a battery stewardship organization must provide the retailer or other potential collector educational materials describing collection opportunities for batteries.
- (6) If multiple battery stewardship organizations are implementing plans approved by the Department, the battery stewardship organizations may coordinate in carrying out their education and outreach responsibilities under this section and must include in their annual reports to the Department under section 11 of this act a summary of their coordinated education and outreach efforts.

Section 11. REPORTING REQUIREMENTS.

- (1) By June 1, 20XX, and each June 1st thereafter, each battery stewardship organization must submit an annual report to the Department covering the preceding calendar year of battery stewardship plan implementation. The report must include:
 - (a) After five years of implementation of an approved battery stewardship plan, a covered battery producer or battery stewardship organization shall hire an independent third party to conduct a one-time assessment of the battery stewardship plan and plan operation. The

assessor shall examine the effectiveness of the battery stewardship plan in collecting and recycling covered batteries. The independent assessor shall examine the cost effectiveness of the plan and compare it to that of collection plans or programs for covered batteries in other jurisdictions.

- (b) A summary financial statement documenting the financing of the battery stewardship organization's program and an analysis of program costs and expenditures, including an analysis of the program's expenses, such as collection, transportation, recycling, education, and administrative overhead. The summary financial statement must be sufficiently detailed to provide transparency that funds collected from producers as a result of their activities in (name of state) are spent on program implementation in (name of state). Battery stewardship organizations implementing similar battery stewardship programs in multiple states may submit a financial statement including all covered states, as long as the statement breaks out financial information pertinent to (name of state);
- (c) The weight, by chemistry, of covered batteries collected under the program;
- (d) A calculation of the recycling efficiency rates, as measured consistent with subsection the definition of recycling efficiency rate as found in section 3 of this act.
- (e) For each facility used for the final disposition of batteries, a description of how the facility recycled or otherwise disposed of batteries and battery components;
- (f) The weight and chemistry of batteries sent to each facility used for the final disposition of batteries. The information in this subsection (1)(f) may be approximated for program operations in (name of state) based on extrapolations of national or regional data for programs in operation in multiple states;
- (g) The collection rate achieved under the program, including a description of how this collection rate was calculated;
- (h) The estimated aggregate sales, by weight and chemistry, of batteries and batteries contained in or with battery-containing products sold in (name of state) by participating producers for each of the previous three calendar years;
- (i) A description of the manner in which the collected batteries were managed and recycled, including a discussion of best available technologies and the recycling efficiency rate;

- (j) A description of education and outreach efforts supporting plan implementation including, but not limited to, a summary of education and outreach provided to battery users, collection sites, manufacturers, distributors, and retailers by the program operator for the purpose of promoting the collection and recycling of covered batteries, a description of how that education and outreach met the requirements of section 10 of this act, samples of education and outreach materials, a summary of coordinated education and outreach efforts with any other battery stewardship organizations implementing a plan approved by the Department, and a summary of any changes made during the previous calendar year to education and outreach activities;
- (k) A list of all collection sites and an address for each listed site, and an up-to-date map indicating the location of all collection sites used to implement the program, with links to appropriate websites where there are existing websites associated with a site;
- (l) A description of methods used to collect, transport, and recycle covered batteries by a battery stewardship organization;
- (m) A summary on progress made towards the program performance goals established under section 7 of this act, and an explanation of why performance goals were not met, if applicable; and

- (2) The weight of batteries or recovered resources from those batteries must only be counted once and may not be counted by more than one battery stewardship organization.
- (3) In addition to the requirements of subsection (1) of this section, with respect to each facility used in the processing or disposition of batteries collected under the program, a battery stewardship organization must report:
 - (a) Whether the facility is located domestically, in an organization for economic cooperation and development country, or in a country that meets organization for economic cooperation and development operating standards; and
 - (b) What facilities processed the batteries, and for domestic facilities a summary of any violations of environmental laws and regulations over the previous three years at each facility.
- (4) If a battery stewardship organization has disposed of covered batteries through energy recovery, incineration, or landfilling during the preceding calendar year of program implementation, the

annual report must specify the steps that the battery stewardship organization will take to make the recycling of covered batteries cost-effective, where possible, or to otherwise increase battery recycling rates achieved by the battery stewardship organization.

(5) A producer or battery stewardship organization that submits information or records to the Department under this chapter may request that the information or records be made available only for the confidential use of the Department, the secretary of the Department, or the appropriate division of the Department. The secretary of the Department must consider the request and if this action is not detrimental to the public interest and can otherwise be restricted in accordance with the policies and purposes of the (name of state) Right-to-Know Law (state statute), the secretary must grant the request for the information to remain confidential.

Section 12. FEE AND DEPARTMENT ROLE.

(1) Each battery stewardship organization submitting a battery stewardship plan, revision or amendment, shall pay fees to the Department, as follows:

(a) Plan review fee - A battery stewardship organization shall pay a one-time plan review fee, in the amount of XX thousand dollars at the time the battery stewardship organization submits a first-time plan to the Department for approval.

(b) Annual or resubmittal fee

(i) Prior to June 1, 20XX, and every other June 1st thereafter, the department shall identify the costs it incurred under this section and set a fee schedule for plan submissions that is adequate to reimburse the department's full costs of administering this chapter.

(ii) The total amount of the annual fees collected under this section shall not exceed the amount necessary to reimburse costs incurred by the department to administer this section.

(2) The responsibilities of the department in implementing, administering, and enforcing this chapter include, but are not limited to:

(a) Reviewing submitted stewardship plans and plan amendments and making determinations as to whether to approve the plan or plan amendment;

- (i) The Department must provide a letter of approval or conditional approval for the plan or plan amendment if it provides for the establishment of a stewardship program that meets the requirements of sections 6 through 10 of this act;
- (ii) If a plan or plan amendment is rejected, the department must provide the reasons for rejecting the plan to the battery stewardship organization. The battery stewardship organization must submit a new plan within 60 days after receipt of the letter of disapproval; and
- (iii) When a plan or an amendment to an approved plan is submitted under this section, the department shall make the proposed plan or amendment available for public review and comment for at least 30 days;

(b) Reviewing annual reports submitted under section 11 of this act within 90 days of submission to ensure compliance with that section;

(c) Ensuring public awareness by:

- (i) Maintaining a website that lists producers and their brands that are participating in an approved battery stewardship plan, and that makes available to the public each plan, plan amendment, and annual report received by the department under this chapter;
- (ii) Upon the date the first plan is approved or conditionally approved, posting on its website a list of producers and their brands for which the department has approved a plan. The department must update the list of producers and brands participating under an approved program plan based on information provided to the Department from battery stewardship organizations; and
- (iii) Publishing a list of all battery stewardship organizations and fee-based collection and mail back programs outlined in section 18 of this act.

(d) Providing technical assistance to producers and retailers related to the requirements of this chapter and issuing orders or imposing civil penalties authorized under section 13 of this act where the technical assistance efforts do not lead to compliance by a producer or retailer.

Section 13. PENALTIES AND CIVIL ACTION PROVISIONS.

- (1) Any person who violates any provision of this act is liable for a civil penalty of \$2,500 per violation, except that the failure to pay a fee under this act shall cause the person who fails to pay the fee to be liable for a civil penalty that is double the applicable fee.
- (2) The penalties provided for in this section may be recovered in a civil action brought by the department. Any penalties collected under this section in an action in which the department has prevailed shall be deposited into the (name of state), _____ Fund, to be used in accordance with the provision of the (name of state)_____.
- (3) The department may institute a civil action for an injunction, prohibitory or mandatory, to restrain violations of this act or to require such actions as may be necessary to address violations of this act.
- (4) The penalties and injunctions provided in this act are in addition to any penalties, injunctions, or other relief provided under any other State law. Nothing in this act bars a cause of action by the State for any other penalty, injunction, or other relief provided by any other applicable law.
- (6) No penalty may be assessed on an individual or resident for the improper disposal of covered batteries as described in section 15 of this act in a noncommercial or residential setting.

Section 14. MARKING REQUIREMENTS FOR BATTERIES.

- (1) Except as provided in subsection 2 of this section, beginning January 1, 20XX, a producer or retailer may only sell, distribute, or offer for sale in or into (name of state) a covered battery, or battery-containing product that contains a battery that is designed or intended to be easily removable from the product, if the battery is marked with:
 - (a) An identification of the producer of the battery;
 - (b) An identification of the chemistry of the battery; and
 - (c) An indication that the battery should not be disposed of as household waste.
- (2) The requirements described in subsections 1(a) and 1(c) of this section do not apply to a battery that can fit entirely, in any orientation, into the small parts cylinder described in 16 CFR §1501.4. In this case, the marks required in subsections (1)(a) and 1(c) shall be placed on the packaging of the battery or battery-containing product.

(3) The department may amend, by rule, the requirements of subsection (1) of this section to maintain consistency with the labeling requirements or voluntary standards for batteries established in federal law.

Section 15. GENERAL BATTERY DISPOSAL AND COLLECTION REQUIREMENTS.

Effective January 1, 20XX:

- (1) All persons must handle unwanted covered batteries through one of the following options:
 - (a) Delivery to the collection sites established by or included in the programs created by this chapter; or
 - (b) For covered batteries generated by persons that are regulated generators of batteries covered under federal or state hazardous or solid waste laws, management in a manner consistent with those laws.
- (2) A fee may not be charged at the time unwanted covered batteries are delivered or collected for management.
- (3) All covered batteries may only be collected, transported, and processed in a manner that meets the standards established for a battery stewardship organization in a plan approved by the Department, unless the batteries are being managed as described in subsection (1)(b) of this section.
- (4) A person may not place covered batteries in waste containers for disposal at incinerators, waste to energy facilities, or landfills.
- (5) A person may not place covered batteries in or on a container for mixed recyclables unless there is a separate location or compartment made available and designated for the covered battery that complies with local government collection standards or guidelines.
- (6) An owner or operator of a solid waste facility may not be found in violation of this section if the facility has posted in a conspicuous location a sign stating that covered batteries must be managed through collection sites established by a battery stewardship organization and are not accepted for disposal.
- (7) A solid waste collector may not be found in violation of this section for a covered battery placed in a disposal container by the generator of the covered battery.

Section 16. PRIVATE RIGHT OF ACTION.

A battery stewardship organization implementing an approved plan may bring a civil action or actions to

recover costs, damages, and fees, as specified in this section, from a producer who sells or otherwise makes available in (name of state) covered batteries or battery-containing products not included in an approved plan in violation of the requirements of this chapter. An action under this section may be brought against one or more defendants. An action may only be brought against a defendant producer when the stewardship program incurs costs in (name of state), including reasonable incremental administrative and program promotional costs, in excess of \$1,000 to collect, transport, and recycle or otherwise dispose of the covered batteries or battery-containing products of a nonparticipating producer.

(b) A battery stewardship organization may bring a civil action against a producer of a recalled battery to recover costs associated with handling a recalled battery.

(c) A battery stewardship organization implementing an approved stewardship plan may bring a civil action against another battery stewardship organization that under performs on its battery collection obligations under this chapter by failing to collect and provide for the end-of-life management of batteries in an amount roughly equivalent to costs imposed on the plaintiff battery stewardship organization by virtue of the failures of the defendants, plus legal fees and expenses.

Section 17. ANTITRUST.

Producers and battery stewardship organizations acting on behalf of producers that prepare, submit, and implement a battery stewardship program plan pursuant to this chapter and who are thereby subject to regulation by the department are granted immunity from state laws relating to antitrust, restraint of trade, unfair trade practices, and other regulation of trade and commerce, for the limited purpose of planning, reporting, and operating their battery stewardship program, including:

- (1) The creation, implementation, or management of a battery stewardship organization and any battery stewardship plan regardless of whether it is submitted, denied, or approved;
- (2) The determination of the cost and structure of a battery stewardship plan; and
- (3) The types or quantities of batteries being recycled or otherwise managed pursuant to this chapter.

Section 18. COLLECTION OF BATTERIES INDEPENDENT OF A BATTERY STEWARDSHIP PROGRAM

Nothing in this act shall prevent or prohibit a person from offering or performing a fee-based collection or mail back program for covered portable batteries or medium format batteries independently of a battery stewardship program, provided that such person meets the following requirements:

- (1) Such person must notify the Department, on an annual basis, of their intent to offer a collection or mail back program;
- (2) Such person's services must be performed, and such person's facilities must be operated in compliance with all applicable federal, state, and local laws and requirements, including, but not limited to, all applicable U.S. Department of Transportation regulations, and all applicable provisions of the (name of state) Environmental _____;
- (3) Such person must make available all batteries collected by such person from its (name of state) customers to a battery stewardship organization implementing a plan approved under this act; and
- (4) After consolidation of portable or medium format batteries at the person's facilities, the costs for transporting such batteries to a battery stewardship organization's designated sorters or processors shall be at a battery stewardship organization's expense. A battery stewardship organization may refuse to accept batteries from any such person if the department is notified of the reason for such refusal.

Section 19. Prohibition on Disposal

Beginning on January 1, 20XX, no person may dispose of or burn a covered battery in a solid waste disposal facility. Such a battery may be disposed of only by delivery to a collection site or collection event operated under a battery stewardship plan under this act, unless the battery is regulated as hazardous waste.

Section 20. SEVERABILITY.

If any provision of this act or its application to any person or circumstance is held invalid, the remainder of the act or the application of the provision to other persons or circumstances is not affected.

Section 21. EFFECTIVE DATE.

This act takes effect upon becoming law.



R·R·R·A·S·O·C

Resource Recovery & Recycling Authority of Southwest Oakland County

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

THE RECYCLING AUTHORITY
Since 1989

To: RRRASOC Board of Directors
From: Mike Csapo, General Manager
Date: December 10, 2025

Re: **Municipal Contract Material Destination Clauses**

Action Requested

No Board action is requested at this time.

Overview

Attached for discussion is the section in each of the Member Community municipal contracts that pertain to the municipality's ability to direct yard waste to specific facilities.

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

RRRASOC Member Communities

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

Farmington

1.11 DISPOSAL OF SOLID WASTE AND OTHER MATERIALS

THE CITY specifically reserves the right to direct the yard waste and recyclables collected under these provisions to a specific state approved disposal facility or, if appropriate, to an approved collection site, recycling facility or compost facility, upon agreement by the Contractor, which shall not be unreasonably withheld. THE CITY retains the right to terminate the contract, on ninety (90) days written notice, if the Contractor does not comply with the direction of yard waste or recyclables as set forth. Should THE CITY exercise its right to direct material to specific facilities, THE CITY shall pay the disposal fees directly to such facilities, unless otherwise specified. The Contractor shall be entitled compensation for services in accordance with the Contractor's response to the RFP issued by RRRASOC on February 28, 2007, including addenda.

Farmington Hills

1.12 Disposal of Solid Waste and Other Materials

The City specifically reserves the right to direct the yard waste and recyclables collected under these provisions to a specific state approved disposal facility or, if appropriate, to an approved collection site, recycling facility or compost facility, upon agreement by the Contractor, which shall not be unreasonably withheld. The City retains the right to terminate the Agreement, on ninety (90) days written notice, if the Contractor does not comply with the direction of yard waste or recyclables as set forth. Should the City exercise its right to direct material to specific facilities, the City shall pay the disposal fees directly to such facilities, unless otherwise specified.

Village of Milford

1.12 Disposal of Solid Waste and Other Materials

The Village specifically reserves the right to direct the yard waste and recyclables collected under these provisions to a specific state approved disposal facility or, if appropriate, to an approved collection site, recycling facility, or compost facility, upon agreement by Contractor, which shall not be unreasonably withheld. Should the Village exercise its right to direct material to specific facilities, the Village shall pay the processing fees directly to such facilities and any additional hauling costs, unless otherwise specified or determined by mutual agreement.

Milford Township

1.12 Disposal of Solid Waste and Other Materials

The TOWNSHIP specifically reserves the right to direct the yard waste and recyclables collected under these provisions to a specific state approved disposal facility or, if appropriate, to an approved collection site, recycling facility, or compost facility, upon agreement by Contractor, which shall not be unreasonably withheld. Should the TOWNSHIP exercise its right to direct material to specific facilities, the TOWNSHIP shall pay the processing fees directly to such facilities and any additional hauling costs, unless otherwise specified or determined by mutual agreement.

Novi

2.15 Disposal of Solid Wastes and Other Materials

The City specifically reserves the right to direct the yard waste collected under these provisions to a specific state approved disposal facility or, if appropriate, to an approved collection site, or compost facility, upon agreement by the Contractor, which shall not be unreasonably withheld. The Contractor shall deliver recyclable loads to the Resource Recovery and Recycling Authority of Southwest Oakland County ("RRRASOC") Facility, 26261 Evergreen Road, Southfield, Michigan. The City retains the right to terminate the contract, on ninety (90) days written notice if

the Contractor does not comply with the direction of recyclables as set forth. (Note that RRRASOC did not write or review the Novi contract and the RRRASOC address listed above is not correct.)

South Lyon

1.11 DISPOSAL OF SOLID WASTE AND OTHER MATERIALS

THE CITY specifically reserves the right to direct the yard waste and recyclables collected under these provisions to a specific state approved disposal facility or, if appropriate, to an approved collection site, recycling facility or compost facility, upon agreement by the Contractor, which shall not be unreasonably withheld. THE CITY retains the right to terminate the contract, on ninety (90) days written notice, if the Contractor does not comply with the direction of yard waste or recyclables as set forth. Should THE CITY exercise its right to direct material to specific facilities, THE CITY shall pay the disposal fees directly to such facilities, unless otherwise specified. The Contractor shall be entitled compensation for services in accordance with the Contractor's response to the RFP issued by RRRASOC on February 28, 2007, including addenda.

Southfield

1.12 Disposal of Solid Waste and Other Materials

THE CITY specifically reserves the right to direct the yard waste and recyclables collected under these provisions to a specific state approved disposal facility or, if appropriate, to an approved collection site, recycling facility, or compost facility, upon agreement by the Contractor, which shall not be unreasonably withheld. THE CITY retains the right to terminate the Agreement, on ninety (90) days written notice if the Contractor does not comply with the direction of yard waste or recyclables as set forth.

2.1.1 Yard Waste/Lawn Debris Collection

...THE CITY reserves the right to allow the following household kitchen scraps to be placed into rigid containers or paper yard waste bags, upon agreement by the destination facility:

- A. Coffee and coffee filters;
- B. Fruits and vegetables;
- C. Beans;
- D. Napkins and paper towels that are free of cleaning products;
- E. Grease;
- F. Breads and grains;
- G. Eggshells;
- H. Dairy products;
- I. Meats and bones.

Walled Lake

1.11 DISPOSAL OF SOLID WASTE AND OTHER MATERIALS

THE CITY specifically reserves the right to direct the yard waste and recyclables collected under these provisions to a specific state approved disposal facility or, if appropriate, to an approved collection site, recycling facility or compost facility, upon agreement by the Contractor, which shall not be unreasonably withheld. THE CITY retains the right to terminate the contract, on ninety (90) days written notice, if the Contractor does not comply with the direction of yard waste or recyclables as set forth. Should THE CITY exercise its right to direct material to specific facilities, THE CITY shall pay the disposal fees directly to such facilities, unless otherwise specified. The Contractor shall be entitled compensation for services in accordance with the Contractor's response to the RFP issued by RRRASOC on February 28, 2007, including addenda.

Wixom**1.12 Disposal of Solid Waste and Other Materials**

The City specifically reserves the right to direct the yard waste and recyclables collected under these provisions to a specific state approved disposal facility or, if appropriate, to an approved collection site, recycling facility or compost facility, upon agreement by Contractor, which shall not be unreasonably withheld. The City retains the right to terminate the Agreement, on ninety (90) days written notice if the Contractor does not comply with the direction of yard waste or recyclables as set forth. Should the City exercise its right to direct material to specific facilities, the City shall pay the disposal fees directly to such facilities, unless otherwise specified.



R·R·R·A·S·O·C

Resource Recovery & Recycling Authority of Southwest Oakland County

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

THE RECYCLING AUTHORITY
Since 1989

To: RRRASOC Board of Directors
From: Mike Csapo, General Manager
Date: December 10, 2025

Re: **South Lyon RFP Responses**

Action Requested

No Board action is requested at this time.

Overview

Attached for discussion is a tabulation of the responses to the recent RFP prepared for South Lyon.

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

RRRASOC Member Communities

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

As-Is (Carts on request)	Annual/HH
South Lyon current	\$ 161.88
Priority Waste	\$ 191.40
Duncan Disposal	\$ 200.04
Express Waste	\$ 208.25
WM	No bid

Cart Plus

Priority Waste	\$ 191.40
Duncan Disposal	\$ 240.00
Express Waste	\$ 254.15
WM	No bid

Cart Only

Priority Waste	\$ 179.40
Duncan Disposal	\$ 240.00
Express Waste	\$ 254.15
WM	\$ 283.92

July 1, 2026 prices	Annual/HH	Expiration date	Service Type
Novi	\$ 144.99	30-Jun-29	Cart Plus
Wixom	\$ 161.72	30-Jun-27	Homeowner cans/bags and contractor carts
Milford	\$ 166.28	30-Jun-29	Carts on request
Farmington Hills	\$ 168.73	30-Jun-27	Cart Plus
Milford Township	\$ 171.15	31-Dec-29	Carts on request
Southfield	\$ 192.43	30-Jun-29	Cart Plus
Walled Lake (est.)	\$ 194.30	30-Jun-27	Homeowner cans/bags and contractor bins
Farmington	\$ 203.40	30-Jun-29	Cart Plus



R·R·R·A·S·O·C

Resource Recovery & Recycling Authority of Southwest Oakland County

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Southfield, MI 48075-5708
Office: 248.208.2270
www.RRRASOC.org

THE RECYCLING AUTHORITY
Since 1989

To: RRRASOC Board of Directors
From: Michael Csapo, General Manager
Date: December 10, 2025

Re: **Manager's Report**

1. Work on Food Waste Reduction and Organics composting continued. The pilot project for the Farmington Pavilion began and planning for the drop off project in Southfield continued.
2. Discussions continued with Republic Services regarding the MRF performance and the Operating Agreement.
3. Work on various legislative, policy, and permitting matters continued. See agenda regarding battery legislation.
4. The Fall HHW events were completed.
5. Responses to the South Lyon RFP were tabulated. See agenda.
6. Staff attended or presented at the following:
 - A. Michigan Sustainable Business Forum Executive Committee meeting (x2).
 - B. Southfield HHW event.
 - C. Michigan Sustainable Business Forum Board meeting.
 - D. Oakland County MMPC meeting.
 - E. South Lyon RFP response opening.
 - F. Genesee County MMPC meeting.
 - G. MRC Fall into Recycling webinar.
 - H. Oakland County MMP Public Engagement workshop.

RRRASOC Member Communities

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