



## MARATHON COUNTY SOLID WASTE MANAGEMENT BOARD AGENDA

Date & Time of Meeting: **Monday, June 12, 2023, at 2:00 pm**  
Meeting Location: Large Conference Room, 210 River Drive, Wausau, WI 54403


**Marathon County Mission Statement:** *Marathon County Government serves people by leading, coordinating, and providing county, regional, and statewide initiatives. It directly or in cooperation with other public and private partners provides services and creates opportunities that make Marathon County and the surrounding area a preferred place to live, work, visit, and do business. (Last updated: 12-20-05)*

**Mission Statement:** *To provide the residents, businesses, and organizations of the region with a cost effective, comprehensive integrated waste management system. The system consists of programming, education and consulting services on waste reduction, recycling, composting and hazardous waste management, along with landfill disposal, with landfill-gas-to-energy production.*

**Members:** Thomas Seubert – Chair, Jean Maszk - Vice-Chair, David Baker, Kerry Brimmer, Brad Lenz, Myron Podjaski, Dennis Gonnering, Ashley Lange, Allen Drabek

1. **Call Meeting to Order**
2. **Public Comment**
3. **Approval of the Minutes of the May 8, 2023 Meeting**
4. **Educational Presentations / Outcome Monitoring Reports and Possible Action:**
  - A. Director/Operations Manager Report:
    - i. Viridi RNG Updates
    - ii. Phase A Closure
    - iii. CIP 2024 (attached)
    - iv. Rates and Fees - Use of Gas Royalty Funding
    - v. Leachate Disposal
5. **Policy Issues Discussion and Committee Determination to the County Board for its Consideration and Possible Action:**
  - A. Portage Shawano Marathon Agreement
6. **Next Regular Meeting Time, Location, Agenda Items and Reports to the County Board–**  
Committee Members are asked to bring ideas for future discussion; next meeting July 11, 2023
7. **Announcements / Requests**
8. **Adjournment**

Any person planning to attend this meeting who needs some type of special accommodation in order to participate should call the County Clerk's Office at 715-261-1500 one business day before the meeting.

SIGNED /S/   
\_\_\_\_\_  
Presiding Officer or Designee

EMAILED TO:  
News Dept. at Daily Herald, TPP Printing, Marshfield News,  
Midwest Radio Group, Record Review  
Date: 06/06/2023 \_\_\_\_\_  
Time: 9:00 am \_\_\_\_\_  
By: BI \_\_\_\_\_  
Date/Time/By: \_\_\_\_\_

NOTICE POSTED AT COURTHOUSE:  
Date: \_\_\_\_\_  
Time: \_\_\_\_\_ a.m. / p.m.  
By: \_\_\_\_\_

**Marathon County Solid Waste Management Board 2020-2025 Strategic Goals**

1. Maximize economic opportunities from landfill operations.
2. Engage Marathon County residents and businesses to divert solid waste into productive use such as but not limited to hazardous household, food, and construction and demolition.
3. Make recycling easy and understandable.
4. Shift the paradigm to alternative uses for waste.
5. Influence state policy in order to make the highest and best uses of waste resources.



MARATHON COUNTY  
SOLID WASTE MANAGEMENT BOARD

Minutes  
May 8, 2023

**Attendance:**

	<b><u>Present</u></b>	<b><u>Not Present</u></b>
Thomas Seubert - Chair	X	
Jean Maszk – Vice Chair	X	
Myron Podjaski	X	
Kerry Brimmer	X	
Brad Lenz	X	
Allen Drabek	X	
David Baker	X	
Dennis Gonnering	X	
Ashley Lange		X

**Also present:** Dave Hagenbucher – Solid Waste Department (SWD); Brenda Iczkowski – Conservation, Planning, and Zoning (CPZ)

1. Call to order

The agenda being properly signed and posted, and the presence of a quorum, the meeting was called to order at 2:00 pm by Chair Seubert in the large conference room, 210 River Drive, Wausau, WI 54403

2. Public Comment –

3. Approval of the minutes from the April 10, 2023 meeting

**Action: MOTION / SECOND BY DRABEK/PODJASKI TO APPROVE THE APRIL 10, 2023, MINUTES. MOTION CARRIED BY VOICE VOTE, NO DISSENT.**

4. Educational Presentations / Outcome Monitoring Reports and Possible Action.

A. Director’s Report

i. Viridi/Vespene Update

Hagenbucher shared a press release was recently done on the Viridi/Vespene partnership with Marathon County. The release was Viridi partnering with another developer that will sell the electricity and run a data center. It is called a Bitcoin mine. This is an interim project until the the RNG is up and running.

ii. Ringle Committee Members Submitted

The following individuals have submitted interest to possibly be committee members: Troy Hartwig, Neal Lieve, Rocky Woodward, Nicole Marcell, Brandon Fraaza, and Dan Zynda. Of the individuals submitted, three will be chosen.

iii. PC-Swap Agreement

Portage County Swap Agreement has been discussed at the last few meetings. Waste Management (WM) wants Marathon County to sign the agreement since WM is bringing the garbage to Marathon County. Portage County will have a finalized amendment for the Portage, Shawano, and Marathon County agreement. The agreement is a 5-year renewal.

iv. Long Term Care and Closure Accounts

Included in the packet is tables identifying the closure and long term care estimates of Area B. The tables show the estimate for the long-term care and closures of Area B. This year the WDNR wanted to verify the financial assurance was enough to cover the closure. The tables show both are fully funded and there is no need to transfer funding from another source. The letter of credit will be used to get the funds out of the escrow account and back into Marathon County to be used for closure.

v. Update of Bomag Compactor

The Bomag Compactor currently has around 5,200 hours of use. Originally, when the department acquire the compactor, it was under a 4-year lease with a low interest rate. At approximately 4,500 hours, and numerous times of the compactor overheating, the overheating issue was found to be the cooling fan on backwards. Since discovering why the engine was overheating, many discussions were with a Bomag representative and Bomag get a warranty or reassurance. The compactor hasn’t been run for a while. An inspection was completed by

Bomag and during the inspection was found an engine is now needed. The reason the engine is bad is due to overheating. The engine could be rebuilt for approximately \$160-\$180,000 for a new engine.

vi. Feasibility Study on RNG Building Opportunities

The department acquired the eastern half of the old building on the landfill and was a transfer station. The building is sitting vacant since January and using for storage. The study would evaluate local area, recycling market, and the garbage market. The study could cost around \$20,000.

Action: NONE AT THIS TIME.

Follow through: FOR INFORMATIONAL PURPOSES ONLY.

5. Policy Issues Discussion and Committee Determination to the County Board for its Consideration and Possible Action:

A. Budget Transfer to BRRDF Phase A Closure completion

- 1) Approve Resolution to Amend the 2023 Capital Improvement Project List to add Phase A Closure of Bluebird Ridge Recycling and Disposal Facility

Hagenbucher shared the resolution to amend the CIP list to add Phase A closure of Bluebird Ridge Recycling and Disposal Facility. This resolution was approved at the last Solid Waste meeting but the resolution wasn't included in the packet to be approved and signed.

**ACTION: MOTION / SECOND BY MASZK/BRIMMER TO approve the resolution to Amend the 2023 Capital Improvement Project List to add Phase A Closure of Bluebird Ridge Recycling and Disposal Facility. MOTION CARRIED BY VOICE VOTE, NO DISSENT.**

Follow through: Staff will take to ERC and County Board.

6. Next Regular Meeting Time, Location, Agenda Items and Reports to the County Board

Board members are asked to bring ideas for future discussion; next meeting June 12, 2023, at 2 pm, in the Large Conference Room, 210 River Drive, Wausau, WI, 54403.

7. Announcements / Requests

8. Adjournment

There being no further business to come before the members **MOTION /SECOND BY BRIMMER/MASZK TO ADJOURN THE MEETING AT 3:15 PM. MOTION CARRIED BY VOICE VOTE, NO DISSENT.**

Respectfully submitted,  
David Hagenbucher  
Director-Solid Waste Department  
DH:BI June 6, 2023



# Capital Improvement Plan (CIP) Project Request Form

<b>Date of Request</b>	05/05/2023		
<b>Department</b>	SWD		
<b>Contact Person</b>	David Hagenbucher		
<b>Phone</b>	715-551-5864	<b>Email</b>	David.Hagenbucher@co.marathon.wi.us
<b>Project Title</b>	Gas well installation		
<b>Location</b>	SWD		
<b>Is the project new, a repair/replacement or a continuation of an existing project?</b>	New <input type="checkbox"/> Repair/Repl <input type="checkbox"/> Continuation x (see below)		

**If continuation, fill in below:**

Planning 100% complete    Design/engineering 75% complete    Construction/installation 0% complete

<b>Has this request been approved by the appropriate Standing Committee or Board?</b>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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<b>Departmental Priority</b> (check a different priority for each project)	(High)	1	2	3	4	5	6	7	8	9	10	(Low)
		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

<b>Description Summary / Scope</b>	<b>Install vertical gas wells in areas where waste height is adequate to support vertical wells to help manage odors and maintain regulatory compliance. Support efforts in achieving maximum efficiency related to upcoming RNG project.</b>
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**Relation to Other Projects (if applicable):**

Landfill operations and gas system projects
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**Alternatives Considered:**

<ol style="list-style-type: none"> <li>1. None</li> <li>2.</li> <li>3.</li> </ol>
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**Reasons Alternatives Rejected:**

<ol style="list-style-type: none"> <li>1. Required to be done as part of plan of operation and air permit compliance. WDNR and EPA mandated requirements for solid waste disposal</li> <li>2. Gas Purchase Agreement Jan 23, 2023 identifies means and methods for landfill gas collection such that work is conducted to increase gas production for RNG.</li> <li>3.</li> </ol>
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# Capital Project Request Form

## PROJECT PURPOSE(S) - Check all that apply and please explain below:

- This project is required to meet legal, mandated or contractual obligations?
- This project will result in the protection of life and/or property and maintain/improve public health and safety?
- This project will result in reductions in expenditures (save money)?
- This project will result in a positive return for Marathon County?
- This project repairs/replaces an important existing physically deteriorated or functionally obsolete county facility, system, service or equipment?
- This project provides a new service, facility, system or equipment?
- This project would generate sufficient revenues to be essentially self-supporting in its operations?
- This project would make existing facilities or personnel more efficient or increase their use with minimal or no operating cost increase?
- This project will benefit and/or be utilized by other Marathon County departments?
- This project is consistent with an overall County plan, policy, or goal; and is necessary to complete a project that has begun or under construction?

## Please explain all checked boxes below:

1. **Requirement of federal air permit and state air management rules.**
2. An effective and efficient gas collection system is fundamental to protecting human health and environment. Reducing off site migration and ensuring pollution control measures are functioning properly.
3. This system is a part of the ongoing operations and construction of landfills.
4. The destruction of non-methanogenic organic compounds and methane, through combustion, is a component of reducing the harmful release of volatile compounds and greenhouse gases.
5. This project will support efforts in increasing landfill gas flow and gas quality to meet the requirements as outlined in the landfill gas purchase agreement.
6. Increases in gas flow will generate revenue through the RNG project that will be shared as a royalty payment to Marathon County.



# Capital Project Request Form

## PROJECT COST

Estimated Cost Components		Cost Allocation Per Fiscal Year	
Preliminary Design / Study	\$0.00	If project funds can be allocated over more than 1 year, please indicate the amount to be allocated for each year below:	
Final Design and Engineering	\$20,000		
Land Acquisition	\$0.00	Fiscal Year 24	Amount \$300,000
Construction / Installation	\$200,000	Fiscal Year	Amount \$0.00
Equipment/Furnishings	\$80,000	Fiscal Year	Amount \$0.00
Other: Contingency	\$0.00	Fiscal Year	Amount \$0.00
Miscellaneous Costs	\$0.00	Fiscal Year	Amount \$0.00
<b>Project Budget</b> (total of estimated cost components)	<b>\$300,000</b>	←----- (sum of above should equal) -----!	
Is this project to be funded entirely with CIP funds?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Total CIP Funding Requested		\$0	

If not funded entirely with CIP funds, list below any other (non-CIP) funding sources for this project	Funding Amount
• SWD reserves	\$200,000
• Gas royalty payments	\$100,000
•	\$

## ASSET LIFE, RECURRING COSTS AND RETURN ON INVESTMENT

If an existing asset (facility or equipment) is being renovated or replaced, what is the age of the existing asset in years?		
Expected service life (in years) of the existing asset, based on applicable industry standards?		
Estimated Service Life of Improvement (in years)		30
<b>Existing Estimated Costs</b>	Annual Operating Costs	\$50,000
	Repair / Maintenance Costs	\$50,000
	Other Non-Capital Costs	\$75,000
	<b>Existing Operating Costs</b>	<b>\$175,000</b>
<b>Future Estimated Costs</b>	Annual Operating Costs	\$50,000
	Annual Maintenance Costs	\$50,000
	Other Non-Capital Costs	\$75,000
	<b>Future Operating Costs</b>	<b>\$175,000</b>
Estimated Return on Investment (in years)		\$



# Capital Project Request Form

**Explain any other annual benefits to implementing this project:**

**5 YEAR FORECASTED PROJECTS (if you want a project considered please put on this list)**

Program Year	Project	Description of Project	Estimated Cost
2024	Area B Closure	Installation of cap on 24 acres of landfill	\$5,280,491
2024	Gas Wells	Installation of vertical and horizontal gas wells and liquids pumping equipment.	\$300,000
2024	Refuse Compactor	Procurement of landfill refuse compactor (refurbished unit preferred over brand new)	\$1,000,000
2025	Phase 6 liner	Construction of 11.12 acres of landfill liner	\$6,000,000
2025	Gas well installation	Install vertical wells and connect via expanded header system	\$300,000
2025	Wastewater Treatment	Onsite wastewater treatment facility to remove or destroy PFAs compounds.	\$5,000,000
2025	Landfill Dozer	Procurement of landfill bulldozer for site operations	\$500,000
2026	BRRDF Phase B Closure	Closure of Phase B on Bluebird Ridge – 8.78 Acres	\$2,500,000
2027	Gas Well Installation	Install vertical and horizontal gas wells and expand header	\$300,000
2028	Phase 7 liner	Construction of 11.15 acres of landfill liner	\$7,000,000
2028	Refuse Compactor	Procurement of landfill refuse compactor (refurbished unit preferred over brand new)	\$1,000,000
2028	Gas well Installation	Install vertical wells. Header system. Pumping equipment.	\$300,000
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# Capital Project Request Form

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***Do NOT fill out page below – for use by FCM Department***

- NO CIP Funds requested – Informational Only       Bring request back to CIPC next year  
 Outlay (small caps) < \$30,000 or Use Budget       CIP Funds – move forward to HRFPC >\$30,000

**NOTES:**

<b>Project Number</b>	<i>(Do NOT fill in – for use by F&amp;CM Department)</i>
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**COMPLETION DATE:**

*OR*

**CONTINUE NEXT YEAR:**



# Capital Project Request Form

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**DATE APPROVED BY HRFPC:**

**DATE APPROVED BY COUNTY BOARD:**



# Capital Improvement Plan (CIP) Project Request Form

<b>Date of Request</b>	05/04/2023		
<b>Department</b>	SWD		
<b>Contact Person</b>	David Hagenbucher		
<b>Phone</b>	715-551-5864	<b>Email</b>	David.Hagenbucher@co.marathon.wi.us
<b>Project Title</b>	Landfill Compactor		
<b>Location</b>	Solid Waste Department		
<b>Is the project new, a repair/replacement or a continuation of an existing project?</b>	New <input checked="" type="checkbox"/> Repair/Repl <input type="checkbox"/> Continuation (see below)		

**If continuation, fill in below:**

Planning 0% complete      Design/engineering 0% complete      Construction/installation 0% complete

<b>Has this request been approved by the appropriate Standing Committee or Board?</b>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
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<b>Departmental Priority</b> <small>(check a different priority for each project)</small>	(High)	1	2	3	4	5	6	7	8	9	10	(Low)
		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

<b>Description Summary / Scope</b>	Purchase landfill compactor for use in landfill operations.
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**Relation to Other Projects (if applicable):**

Solid Waste operations – ensuring adequate disposal capacity for community. Ensuring focus on maximizing landfill operations to ensure best practices are implemented. Reducing the need to construct more landfill footprint.

**Alternatives Considered:**

1. Purchase fully refurbished landfill compactor
2. Continue operating with current equipment
3. Purchased used compactor

**Reasons Alternatives Rejected:**

1. Fully refurbished is a high consideration – cost \$800,000. May opt to go this direction, but it's dependent on supply availability. They may not always be available for sale.
2. Continue operating with current equipment – need to replace wheels, engines, and drive motors at 20,000 hours. Cost for those items is around \$600,000+. No warranty. Other parts wear out and fail causing increases in annual maintenance.
3. No warranty on used equipment. Reliability suffers, unplanned breakdowns causing an inability to serve customers and reduce airspace consumption. Level of service suffers.



# Capital Project Request Form

## PROJECT PURPOSE(S) - Check all that apply and please explain below:

- This project is required to meet legal, mandated or contractual obligations?
- This project will result in the protection of life and/or property and maintain/improve public health and safety?
- This project will result in reductions in expenditures (save money)?
- This project will result in a positive return for Marathon County?
- This project repairs/replaces an important existing physically deteriorated or functionally obsolete county facility, system, service or equipment?
- This project provides a new service, facility, system or equipment?
- This project would generate sufficient revenues to be essentially self-supporting in its operations?
- This project would make existing facilities or personnel more efficient or increase their use with minimal or no operating cost increase?
- This project will benefit and/or be utilized by other Marathon County departments?
- This project is consistent with an overall County plan, policy, or goal; and is necessary to complete a project that has begun or under construction?

## Please explain all checked boxes below:

1. Our mission is to provide affordable, dependable waste management services that work to protect human health and the environment. While we could continue to operate with our older models, they are unreliable. When all three are down, we are left compacting with a dozer, reducing air space compaction to less than 750#/cu yd, wasting valuable air space, and thus costing the county millions in additional cell constructions.
2. Administrative code requires compaction density of at least 1200 lbs/cy. This compactor meets the regulatory standard to achieve this requirement.
3. This machine is the primary daily equipment that is unique to solid waste and is required to make landfill operations profitable. An increase in density from 1500 lb/cy to 1600 lb/cy can net the County millions in additional revenue over the life of a landfill, as it allows much more tonnage to be placed within a limited footprint.



# Capital Project Request Form

## PROJECT COST

Estimated Cost Components		Cost Allocation Per Fiscal Year	
Preliminary Design / Study	\$0.00	If project funds can be allocated over more than 1 year, please indicate the amount to be allocated for each year below:	
Final Design and Engineering			
Land Acquisition	\$0.00	Fiscal Year 24	Amount 1,200,000
Construction / Installation		Fiscal Year	Amount \$0.00
Equipment/Furnishings	\$1,200,000	Fiscal Year	Amount \$0.00
Other: Contingency	\$0.00	Fiscal Year	Amount \$0.00
Miscellaneous Costs	\$0.00	Fiscal Year	Amount \$0.00
<b>Project Budget</b> (total of estimated cost components)	<b>\$1,200,000</b>	←----- (sum of above should equal) -----!	
Is this project to be funded entirely with CIP funds?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Total CIP Funding Requested		\$0	

If not funded entirely with CIP funds, list below any other (non-CIP) funding sources for this project	Funding Amount
<ul style="list-style-type: none"> <li>Solid Waste Reserves</li> </ul>	\$1,200,000

## ASSET LIFE, RECURRING COSTS AND RETURN ON INVESTMENT

If an existing asset (facility or equipment) is being renovated or replaced, what is the age of the existing asset in years?		
Expected service life (in years) of the existing asset, based on applicable industry standards?		
Estimated Service Life of Improvement (in years)		4 (8k-10K hours)
<b>Existing Estimated Costs</b>	Annual Operating Costs	\$30,000
	Repair / Maintenance Costs	\$15,000
	Other Non-Capital Costs	
	<b>Existing Operating Costs</b>	<b>\$45,000</b>

<b>Future Estimated Costs</b>	Annual Operating Costs	\$30,000
	Annual Maintenance Costs	\$15,000
	Other Non-Capital Costs	
	<b>Future Operating Costs</b>	<b>\$45,000</b>
Estimated Return on Investment (in years)		\$



# Capital Project Request Form

**Explain any other annual benefits to implementing this project:**

**5 YEAR FORECASTED PROJECTS (if you want a project considered please put on this list)**

Program Year	Project	Description of Project	Estimated Cost
2024	Area B Closure	Installation of cap on 24 acres of landfill	\$5,280,491
2024	Gas Wells	Installation of vertical and horizontal gas wells and liquids pumping equipment.	\$300,000
2024	Refuse Compactor	Procurement of landfill refuse compactor (refurbished unit preferred over brand new)	\$1,000,000
2025	Phase 6 liner	Construction of 11.12 acres of landfill liner	\$6,000,000
2025	Gas well installation	Install vertical wells and connect via expanded header system	\$300,000
2025	Wastewater Treatment	Onsite wastewater treatment facility to remove or destroy PFAs compounds.	\$5,000,000
2025	Landfill Dozer	Procurement of landfill bulldozer for site operations	\$500,000
2026	BRRDF Phase B Closure	Closure of Phase B on Bluebird Ridge – 8.78 Acres	\$2,500,000
2027	Gas Well Installation	Install vertical and horizontal gas wells and expand header	\$300,000
2028	Phase 7 liner	Construction of 11.15 acres of landfill liner	\$7,000,000
2028	Refuse Compactor	Procurement of landfill refuse compactor (refurbished unit preferred over brand new)	\$1,000,000
2028	Gas well Installation	Install vertical wells. Header system. Pumping equipment.	\$300,000
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# Capital Project Request Form

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***Do NOT fill out page below – for use by FCM Department***

- NO CIP Funds requested – Informational Only       Bring request back to CIPC next year  
 Outlay (small caps) < \$30,000 or Use Budget       CIP Funds – move forward to HRFPC >\$30,000

**NOTES:**

<b>Project Number</b>	<i>(Do NOT fill in – for use by F&amp;CM Department)</i>
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# Capital Project Request Form

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**COMPLETION DATE:**

*OR*

**CONTINUE NEXT YEAR:**

**DATE APPROVED BY HRFPC:**

**DATE APPROVED BY COUNTY BOARD:**





# Capital Improvement Plan (CIP) Project Request Form

<b>Date of Request</b>	05/04/2023		
<b>Department</b>	SWD		
<b>Contact Person</b>	David Hagenbucher		
<b>Phone</b>	715-551-5864	<b>Email</b>	David.Hagenbucher@co.marathon.wi.us
<b>Project Title</b>	Phase A Closure Area B Landfill		
<b>Location</b>	Solid Waste Department		
<b>Is the project new, a repair/replacement or a continuation of an existing project?</b>	New <input checked="" type="checkbox"/> Repair/Repl <input type="checkbox"/> Continuation (see below)		

**If continuation, fill in below:**

Planning 0% complete      Design/engineering 0% complete      Construction/installation 0% complete

<b>Has this request been approved by the appropriate Standing Committee or Board?</b>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
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<b>Departmental Priority</b> (check a different priority for each project)	(High)	1	2	3	4	5	6	7	8	9	10	(Low)
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

<b>Description Summary / Scope</b>	Place permanent cap on 24 acres of the Area B Landfill
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**Relation to Other Projects (if applicable):**

Capping/final closure of Area B.
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**Alternatives Considered:**

<ol style="list-style-type: none"> <li>1. <b>None – mandated by law</b></li> <li>2.</li> <li>3.</li> </ol>
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**Reasons Alternatives Rejected:**

<ol style="list-style-type: none"> <li>1. <b>Required to be completed as part of Plan of Operation for Area B and State and Federal laws. This is a mandated process of landfill disposal.</b></li> <li>2.</li> <li>3.</li> </ol>
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# Capital Project Request Form

## PROJECT PURPOSE(S) - Check all that apply and please explain below:

- This project is required to meet legal, mandated or contractual obligations?
- This project will result in the protection of life and/or property and maintain/improve public health and safety?
- This project will result in reductions in expenditures (save money)?
- This project will result in a positive return for Marathon County?
- This project repairs/replaces an important existing physically deteriorated or functionally obsolete county facility, system, service or equipment?
- This project provides a new service, facility, system or equipment?
- This project would generate sufficient revenues to be essentially self-supporting in its operations?
- This project would make existing facilities or personnel more efficient or increase their use with minimal or no operating cost increase?
- This project will benefit and/or be utilized by other Marathon County departments?
- This project is consistent with an overall County plan, policy, or goal; and is necessary to complete a project that has begun or under construction?

## Please explain all checked boxes below:

1. DNR requires landfills to close once reaching maximum capacity. The Area B landfill has been filled since 1994 and has reached its capacity, thus requiring the need to construct a final cap.
2. Landfill caps are designed to seal waste material inside the landfill and prevent both groundwater and air pollution. This helps protect human health and the environment.
3. This system is a part of the ongoing operations and construction of landfills. The final cap will significantly reduce leachate/wastewater generation, and reduce the need to transport and treat it off site.



# Capital Project Request Form

## PROJECT COST

Estimated Cost Components		Cost Allocation Per Fiscal Year	
Preliminary Design / Study	\$0.00	If project funds can be allocated over more than 1 year, please indicate the amount to be allocated for each year below:	
Final Design and Engineering			
Land Acquisition	\$0.00	Fiscal Year 24	Amount 5,280,491
Construction / Installation	5,280,491	Fiscal Year	Amount \$0.00
Equipment/Furnishings		Fiscal Year	Amount \$0.00
Other: Contingency	\$0.00	Fiscal Year	Amount \$0.00
Miscellaneous Costs	\$0.00	Fiscal Year	Amount \$0.00
<b>Project Budget</b> (total of estimated cost components)	<b>5,280,491</b>	←----- (sum of above should equal) -----!	
Is this project to be funded entirely with CIP funds?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Total CIP Funding Requested		\$0	

If not funded entirely with CIP funds, list below any other (non-CIP) funding sources for this project	Funding Amount
<ul style="list-style-type: none"> <li>Area B Closure Fund</li> </ul>	\$5,280,491

## ASSET LIFE, RECURRING COSTS AND RETURN ON INVESTMENT

If an existing asset (facility or equipment) is being renovated or replaced, what is the age of the existing asset in years?		
Expected service life (in years) of the existing asset, based on applicable industry standards?		
Estimated Service Life of Improvement (in years)		40
<b>Existing Estimated Costs</b>	Annual Operating Costs	\$225,000
	Repair / Maintenance Costs	\$50,000
	Other Non-Capital Costs	
	<b>Existing Operating Costs</b>	<b>\$275,000</b>
<b>Future Estimated Costs</b>	Annual Operating Costs	\$75,000
	Annual Maintenance Costs	\$25,000
	Other Non-Capital Costs	
	<b>Future Operating Costs</b>	<b>\$100,000</b>
Estimated Return on Investment (in years)		\$



# Capital Project Request Form

**Explain any other annual benefits to implementing this project:**

**5 YEAR FORECASTED PROJECTS (if you want a project considered please put on this list)**

Program Year	Project	Description of Project	Estimated Cost
2024	Area B Closure	Installation of cap on 24 acres of landfill	\$5,280,491
2024	Gas Wells	Installation of vertical and horizontal gas wells and liquids pumping equipment.	\$300,000
2024	Refuse Compactor	Procurement of landfill refuse compactor (refurbished unit preferred over brand new)	\$1,000,000
2025	Phase 6 liner	Construction of 11.12 acres of landfill liner	\$6,000,000
2025	Gas well installation	Install vertical wells and connect via expanded header system	\$300,000
2025	Wastewater Treatment	Onsite wastewater treatment facility to remove or destroy PFAs compounds.	\$5,000,000
2025	Landfill Dozer	Procurement of landfill bulldozer for site operations	\$500,000
2026	BRRDF Phase B Closure	Closure of Phase B on Bluebird Ridge – 8.78 Acres	\$2,500,000
2027	Gas Well Installation	Install vertical and horizontal gas wells and expand header	\$300,000
2028	Phase 7 liner	Construction of 11.15 acres of landfill liner	\$7,000,000
2028	Refuse Compactor	Procurement of landfill refuse compactor (refurbished unit preferred over brand new)	\$1,000,000
2028	Gas well Installation	Install vertical wells. Header system. Pumping equipment.	\$300,000
20			
20			
20			
20			
20			
20			
20			
20			



# Capital Project Request Form

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***Do NOT fill out page below – for use by FCM Department***

- NO CIP Funds requested – Informational Only       Bring request back to CIPC next year  
 Outlay (small caps) < \$30,000 or Use Budget       CIP Funds – move forward to HRFPC >\$30,000

**NOTES:**

<b>Project Number</b>	<i>(Do NOT fill in – for use by F&amp;CM Department)</i>
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# Capital Project Request Form

Page  
6 of 6

**COMPLETION DATE:**

*OR*

**CONTINUE NEXT YEAR:**

**DATE APPROVED BY HRFPC:**

**DATE APPROVED BY COUNTY BOARD:**

**Table 1**  
**Area B Landfill**  
**Closure Cost Estimate**  
**Marathon County Solid Waste Department**  
**Ringle, Wisconsin**

Major Cost Item	Quantity	Unit	Unit Costs <sup>(1)</sup>	Estimated Cost
<b>Final Cover Component</b>				
Mobilization	1	LS	\$86,095	\$86,095
Final Waste & Grading Layer	24.1	AC	\$1,164	\$28,058
24-inch Clay Cover	77,763	CY	\$16.89	\$1,313,348
40 mil LLDPE	116,644	SY	\$6.80	\$792,596
Geotextile	116,644	SY	\$0.52	\$60,742
12-inch Drainage Layer	38,881	CY	\$13.71	\$533,164
18-inch Rooting Zone	58,322	CY	\$8.55	\$498,863
6-inch Topsoil Layer	19,441	CY	\$7.56	\$146,971
Site Restoration (Including Seed & Fertilizer)	24.1	AC	\$5,875	\$141,588
<b>Final Cover System Cost:</b>				<b>\$3,601,426</b>
<b>Stormwater Management</b>				
Erosion Control Mat	116,644	SY	\$1.80	\$209,388
Anchor Trench & Toe Drain	5,570	LF	\$32.25	\$179,633
<b>Stormwater Management Cost:</b>				<b>\$389,021</b>
<b>Gas Extraction System</b>				
Gas Extraction System, 36-Inch Wells (3 Replacements)	3	EA	\$8,770	\$26,310
Extending Gas Wells Above Final Cover	1	LS	\$25,215	\$25,215
Gas Lateral Piping (Replacement)	1,000	LF	\$23.75	\$23,750
<b>Gas Extraction System Cost:</b>				<b>\$75,275</b>
<b>Other Expenses</b>				
Removing Internal Landfill Access Road	1	LS	\$12,466	\$12,466
Leachate Extraction Pump (2 Replacements)	2	EA	\$6,590	\$13,180
<b>Other Expenses Cost:</b>				<b>\$25,646</b>
<b>Subtotal</b>				<b>\$4,091,400</b>
Contingency (10%)				\$409,100
Engineers Cost (10%)				\$409,100
Construction Testing (5%)				\$204,600
<b>Total Closure Cost</b>				<b>\$5,114,200</b>
<b>Total Closure Cost Per Acre</b>				<b>\$212,200</b>

Prepared by: JIGT Checked by: TD

**Notes:**

1) Unit Cost estimate have been revised to reflect current (2023) cost estimates from recent operations and maintenance projects at Marathon County and/or from third parties completing similar work on recent liner and final cover system construction projects in Wisconsin. Inflationary considerations were based on the most recently issued Wisconsin Department of Natural Resources Owner Financial Responsibility Inflation Factor Table (April 22, 2022).

2) Estimated cost is rounded to the nearest \$1. Subtotal and Total Closure Cost is rounded to the nearest \$100.

3) In 2003, 8.0 of the total 32.1 acres of Area B were closed. Therefore, the quantities are based on a 24.1 acre closure area.

**Table 2**  
**Area B Landfill**  
**Long-Term Care Cost Estimate**  
**Marathon County Solid Waste Department**  
**Ringle, Wisconsin**

Major Cost Item	Quantity	Units	Unit Costs <sup>(1)</sup>	Estimated Annual Cost	Notes
<b>Site Inspection and Repair</b>					
Site Inspection	2.25	EA	\$1,402	\$3,155	Quarterly for 5 Years, Semi-annually for 35 Years
Mowing & Repair	1	LS	\$3,200	\$3,200	
Final Cover Surface Repair	0.4	EA	\$1,558	\$623	Annually for First 10 Years, Every 5 Years for 30 Years
Road Grading & Repair	12	HR	\$208	\$2,500	Annually (1.5 hrs x 8 hr/day)
Road Plowing/Road Treatment (Apply Sand/Ice Melt)	1	LS	\$4,363	\$4,363	
Drainage Ditches & Erosion Damage Repair	8	HR	\$104	\$833	Annually (8hr/yr)
Sedimentation Basin Cleaning	4.8	HR	\$260	\$1,250	Once Every 5 Years (8 hr/day x 3 days)
<b>Total Site Inspection and Repair Expenses</b>				<b>\$15,924</b>	
<b>Leachate &amp; Lysimeter</b>					
Leachate Transport & Disposal	1	LS	\$2,067	\$2,067	Annualized over 40 years - see Table 3
Leachate: Leachate Collection Pipe Jetting & Televising	1	LS	\$4,816	\$4,816	Jetting (1/yr) and Televising (1/5yr)
Leachate: Manhole & Monitoring Riser Levels & Pumping	12	EA	\$75	\$900	Monthly (1.5 hrs @ \$50/hr)
Leachate: Sampling & Analysis	1	LS	\$4,406	\$4,406	Semi-annual at 3 tanks
Leachate: Head Well Monitoring	1	LS	\$800	\$800	Quarterly (8 Headwells, 4 hrs @ \$50/hr)
Leachate: Head Well Pump Replacement	0.4	EA	\$6,590	\$2,636	Assumes 2 Pumps Replaced Every 5 Years
Leachate: Tank & Pump Inspection & Maintenance	1	LS	\$14,863	\$14,863	Annualized for Annual & Every 5-yr Inspections
Leachate: Tank & Pump Replacement	0.025	EA	\$265,526	\$6,638	Assumes 3 Tanks & 3 Pumps Replaced over 40 years
Lysimeter: Levels & Pumping	1	LS	\$199	\$199	Semi-annual Levels and Pumping of one (1) Lysimeter
Lysimeter: Sampling & Analysis	1	LS	\$1,243	\$1,243	Semi-annual monitoring and Annual VOC analysis
Electricity & Telephone	1	LS	\$17,779	\$17,779	
Engineering	1	LS	\$4,550	\$4,550	
<b>Total Leachate &amp; Lysimeter Expenses</b>					
<b>Gas Monitoring &amp; Gas Extraction System</b>					
Gas Probes Monitoring	1	LS	\$400	\$400	Quarterly (4 Probes, 1 hr @ \$50/hr + equipment)
Gas Well Monitoring	1	LS	\$9,600	\$9,600	Monthly (24 wells, 8 hrs @ \$50/hr + equipment)
Gas Well Replacement	0.125	EA	\$8,421	\$1,053	Assumes 1 replacement every 5 years at a depth of 70ft
Header Pipe Repair	35	LF	\$45	\$1,567	
Gas Condensate Sampling & Analysis	1	LS	\$1,048	\$1,048	Includes Sampling Equipment and Analysis for Annual Inorganic & VOCs
Condensate Knockout Pumps Maintenance/Replacement	0.075	EA	\$4,230	\$317	Assumes 3 Pumps Replaced over 40 years
Gas Condensate Tank Maintenance/Replacement	1	LS	\$374	\$374	Cots split between the Area A and Area B Landfills
Gas System Surface Emissions Monitoring	1	LS	\$5,921	\$5,921	Quarterly (8 hr/day @ \$50/hr)
<b>Total Gas Monitoring &amp; Gas Extraction System Expenses</b>				<b>\$20,281</b>	
<b>Water Monitoring</b>					
Groundwater & Subtitle D Well Sampling/Analysis	1	LS	\$11,242	\$11,242	Semi-annual (Inorganics & Annual VOCs; 23 wells in April & 25 wells in October plus two duplicates and 1 field blank both events)
Sedimentation Basins	1	LS	\$558	\$558	Quarterly (inorganics)
Well Maintenance & Repair	1	LS	\$4,363	\$4,363	Annually
Sedimentation Basin Monitoring	1	LS	\$1,396	\$1,396	Quarterly
GEMS Data Submittal	1	LS	\$3,989	\$3,989	Semi-annual
<b>Total Water Monitoring Expenses</b>				<b>\$21,549</b>	
<b>Other Expenses</b>					
Annual Reports and Fees	1	LS	\$4,000	\$4,000	
Solid Waste Administrator @ 1%	1	LS	\$1,162	\$1,162	
Facility Supervisor @ 5%	1	LS	\$2,719	\$2,719	
Landfill Environmental Technician @ 35%	1	LS	\$25,175	\$25,175	
<b>Total Other Expenses</b>				<b>\$33,056</b>	
				Subtotal	\$90,800
				Contingency (10%)	\$9,080
<b>Total Annual Long Term Care Costs</b>				<b>\$99,900</b>	
<b>Total Required 40-year Long-Term Care Cost</b>				<b>\$3,996,000</b>	

Prepared by: JIGT Checked by: TD

**Notes:**

- Unit Cost estimate have been revised to reflect current (2023) cost estimates from recent operations and maintenance projects at Marathon County and/or from third parties completing similar work on recent liner and final cover system construction projects in Wisconsin. Inflationary considerations were based on the most recently issued Wisconsin Department of Natural Resources Owner Financial Responsibility Inflation Factor Table (April 22, 2022).
- Estimated cost is rounded to the nearest \$1. Subtotal and Total Closure Cost is rounded to the nearest \$100.
- Quantities reflect the Area B Landfill permitted area (32.1 acres).
- Environmental monitoring quantities are based on the March 22, 2002 Plan of Operation Approval and June 30, 2008, February 7, 2013 and March 7, 2013 Plan Modification Approval letters for Area B Landfill from the WDNR. Refer to Table 2B of the 2013 Owner Financial Responsibility approved by the WDNR for additional detail on quantities and analyses required for each lump sum item associated with Area B Landfill. Costs have been updated to reflect current (2023) cost estimates.
- The estimated costs to replace the landfill gas system's blower and flare are included in the Bluebird Ridge Recycling and Disposal Facility (BRRDF) Conditional Plan Modification Approval by the WDNR (July 28, 2022). The BRRDF, Area A, and Area B Landfills share the same flare and blower.



**Table 3**  
**Area B Landfill**  
**Timeline of Annual Costs for Leachate Hauling Disposal**  
**Marathon County Solid Waste Department**  
**Ringle, Wisconsin**

Years Post Closure	Year	Annual Leachate Generation <sup>3</sup> (gal)	Annual Leachate Hauling & Disposal Costs <sup>4</sup>	Notes
0	2026	871,592	\$22,694.08	Estimated Year of Final Closure of Area B
1	2027	610,114	\$15,885.85	
2	2028	427,080	\$11,120.10	
3	2029	298,956	\$7,784.07	
4	2030	209,269	\$5,448.85	
5	2031	146,488	\$3,814.19	
6	2032	102,542	\$2,669.94	
7	2033	87,161	\$2,269.45	
8	2034	74,087	\$1,929.03	
9	2035	62,974	\$1,639.67	
10	2036	53,528	\$1,393.72	
11	2037	48,175	\$1,254.35	
12	2038	43,357	\$1,128.92	
13	2039	39,022	\$1,016.02	
14	2040	36,000	\$937.35	
16	2042	36,000	\$937.35	
17	2043	36,000	\$937.35	
18	2044	36,000	\$937.35	
19	2045	36,000	\$937.35	
20	2046	36,000	\$937.35	
21	2047	36,000	\$937.35	
22	2048	36,000	\$937.35	
23	2049	36,000	\$937.35	
24	2050	36,000	\$937.35	
25	2051	36,000	\$937.35	
26	2052	36,000	\$937.35	
27	2053	36,000	\$937.35	
28	2054	36,000	\$937.35	
29	2055	36,000	\$937.35	
30	2056	36,000	\$937.35	
31	2057	36,000	\$937.35	
32	2058	36,000	\$937.35	
33	2059	36,000	\$937.35	
34	2060	36,000	\$937.35	
35	2061	36,000	\$937.35	
36	2062	36,000	\$937.35	
37	2063	36,000	\$937.35	
38	2064	36,000	\$937.35	
39	2065	36,000	\$937.35	
40	2066	36,000	\$937.35	


Prepared by: JIGT Checked by: TD

Notes:

- 1) Unit Cost estimate have been revised to reflect current (2023) cost estimates from recent operations and maintenance projects at Marathon County and/or from third parties completing similar work on recent liner and final cover system construction projects in Wisconsin. Inflationary considerations were based on the most recently issued Wisconsin Department of Natural Resources Owner Financial Responsibility Inflation Factor Table (April 22, 2022).
- 2) Estimated cost is rounded to the nearest \$1.
- 3) Assume leachate generation decreases by 30% per year for the first five years, 15% per year for years six to ten, and then 10% per year to a minimum hauling frequency of 36,000 gal/yr. (one truck load every two months at 6000 gal/truck load). This assumption is based on 2012 Owner Financial Responsibility for Area B Landfill.
- 4) Total Unit Cost for Leachate Hauling & Disposal = \$0.026/gal

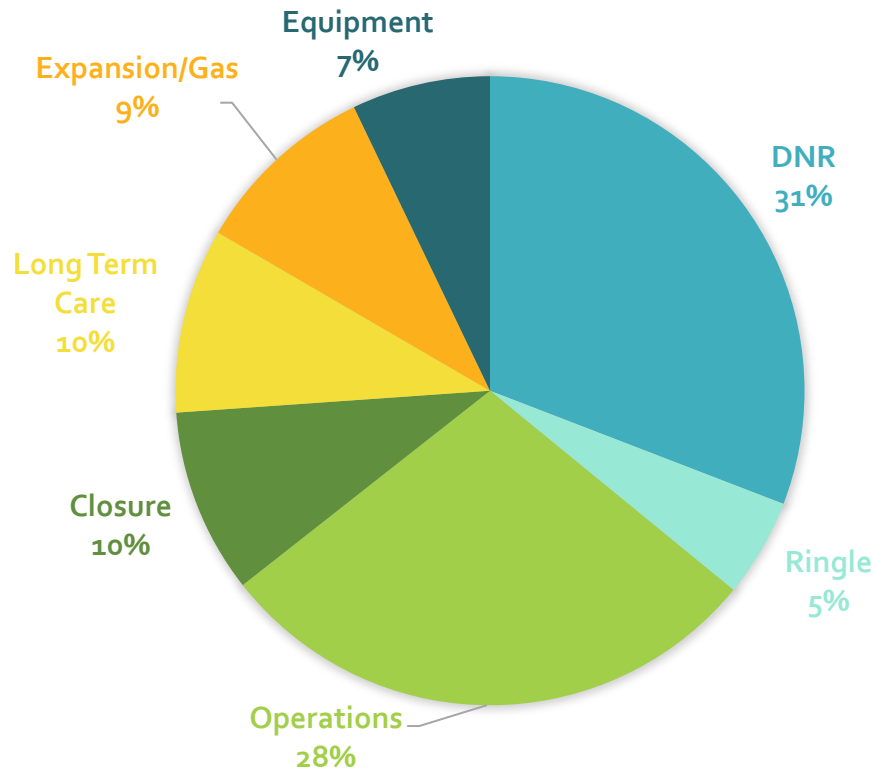
# Solid Waste Rates & Fees

- Solid Waste is not a mandated program in Marathon County
- 1979 – Marathon County purchased land for a landfill and started program
- Wisconsin Statute 59.70(2) gives authority to counties to charge fees for services and appropriate funds
- Fees set by Solid Waste Management Board and Department Staff – annually
- Selling airspace/landfill disposal is the primary revenue generating program
- Solid Waste is fully funded through Tipping Fees for landfill disposal

Marathon County Solid Waste Department Rates & Fees				
ALL RATES & FEES SUBJECT TO CHANGE WITHOUT NOTICE			As of 02-28-2023	
172900 STATE HWY 29, RINGLE, WI 54471			www.marathoncountysolidwaste.org	
<b>LANDFILL DISPOSAL</b>		<b>For questions about: Special Wastes, Contaminated Soils, Asbestos, and/or Animal Carcasses, please call:</b>		<b>PAYMENT OPTIONS</b>
/ General Wastes / Furniture-Mattresses / / Mixed Construction & Demolition / / Bathroom Fixtures / Tree Stumps /				/ Cash / Check / / Credit or Debit Cards / (VISA, Discover, MC, Amer. Express)
<b>Minimum Fees</b>	Loads ≤ 1,000 lbs.	Scale Office:	715-446-3101 x103	
Car / SUV / light truck	\$35	SW Dept. Director:	715-551-5864	
Trailer-full, only	\$45	Operations Mngr:	715-297-0429	
Vehicle with trailer	\$55	<b>Solid Waste &amp; Recycling Information Line 715-344-8198</b>		
<b>Public Gate Rate</b>	Loads > 1,000 lbs.			
Per Ton (prorated):	\$56	<b>HOURS</b> <span style="background-color: red; color: white; padding: 2px;">NEW!</span> Monday - Friday <span style="background-color: red; color: white; padding: 2px;">7am - 3pm!</span> Sat. (April - Nov.) 8-11:30am <b>CLOSED:</b> Sunday, Holidays, & <b>Saturday (Dec.-March)</b>		
<b>RECYCLING</b>				
<b>APPLIANCES</b>		EACH, or as listed	<b>CONSTRUCTION &amp; DEMOLITION</b>	
/ Boilers / Dishwasher / Dryer / Furnace / Garbage disposal / Microwave / Oven / Stove / Trash compactor / Washer / Water heater /		\$25	Concrete	Per Ton: \$20
<b>APPLIANCES w/ FREON</b>		\$35	Shingles	Per Ton: \$40
/ Air conditioner / Dehumidifier / Freezer / / Refrigerator / Water cooler /				
<b>AUTOMOTIVE</b>			<b>ELECTRONICS</b>	
Tire: Light truck/automotive	\$12		MISC: computers/CPU/laptop/fax/monitor/scanner	\$25
Tire: Semi-truck/trailer	\$35		Television: portable -32" or less	\$30
Tire: Tractor/heavy equipment	\$45		Television: portable larger than 32"	\$40
Used Motor oil	N/C		Television: console	\$50
Used Oil filter	\$0.75		Copiers: desktop	\$40
Antifreeze	Per Pound: \$0.25		LRG. various: commercial printers & gaming units	\$40
<b>BATTERIES: MUST BE SORTED BY TYPES, &amp; SIZES!</b>		\$2	SML. various: VCR, gaming unit, tablets	\$20
Lead-Acid / Ni-Cad / Ni-Mh	Per Pound:		<b>LIGHT BULBS / MISCELLANEOUS</b>	
Alkaline (household)	N/C		Non-PCB Ballast	N/C
Lithium (Li-Ion)	Per Pound:	\$5	PCB Ballast	\$10
Addl. Sorting Fee	Per Pound:	\$1	Fluorescent lighting (CFL)	\$0.75
Addl. Taping Fee*	Per Pound:	\$1	Fluorescent lighting (4' tubes, circular, u-shaped)	\$0.75
* Terminals/ends MUST be taped for these battery types: Ni-Cad / Ni-MH / Lithium			Fluorescent lighting (over 4-foot)	\$1.50
<b>Home Composter™ compost bin: \$55</b> <b>Stainless-steel Kitchen Katcher compost pail: \$25</b> Call the Info. Line at 715-344-8198!			HID/Sodium	\$2.00
			LED	\$3
			Scrap Metals, including Propane tanks (empty)	N/C
			Yard materials / small brush	Per Ton: \$25.00
			<b>MIXED RECYCLABLES</b>	
			/ Cardboard / Newspaper / Magazines / Mixed paper / / Aluminum & Steel cans / Plastic & Glass bottles or jars /	
			Car load	\$10
			Truck load	\$15
			Truck/trailer load	\$25



# Solid Waste – Enterprise Fund



Breakdown of Tipping Fee

- Solid Waste does not rely on tax dollars directly – charge customers for disposal
- Charge local haulers, businesses, municipalities for disposal services – established contracts in place
- Assist Municipalities and local community to provide necessary Rate Stabilization
- Compete with Private sector industry or waste goes away (also our best customers)
- A partner in economic development – assisting local manufacturing and growth

# Funding Sources and Uses for Solid Waste

<b>Tipping Fee \$42.36/TON</b>	
DNR	13
Ringle	2.13
Operations	12
Closure	4
Long Term Care	4
Expansion/Gas	4
Equipment	3
<b>TOTAL</b>	<b>42.13</b>

**Approximately 200,000 tons per year - Any “profit” gets rolled into Solid Waste reserves for future construction needs**

- Cover costs of administration, WDNR, management, operation, and 11 FTE
- Cover all capital improvements, expansions, closures, equipment and gas infrastructure
- Provide valued services including Hazardous Waste collection, medication Dropbox, sharps collection, recycling education, diversion
- Recycling and Diversion Services – support efforts to keep out of landfill by law
- Pricing is competitive with private sector and comparable with other WI landfills

# Future Opportunities - Support General Fund

- Renewable Natural Gas
  - Gay Royalty sharing
- Significant Capital Expenses
  - Cell Expansions – Fuel driven
  - Equipment Procurement
- Future Considerations
  - PFAs Treatment
- Top 3 Operational Expenses
  - Leachate Disposal
  - Diesel Fuel
  - Planning and Engineering



## **Amendment to the Intergovernmental Solid Waste Disposal Agreement for Portage, Shawano, and Marathon Counties**

This is a written Amendment (“Amendment”) to Intergovernmental Solid Waste Disposal Agreement for Portage, Shawano, and Marathon Counties (the “Counties” or “Parties”) with a commencement date of January 1, 2003, and a termination date of December 31, 2032 (the “Agreement”).

Any provisions in the Agreement to the contrary notwithstanding, this Amendment modifies the Agreement to explicitly include the following provisions for the remainder of the term of the Agreement:

1. Marathon shall accept Solid Waste at its landfill from a hauling business organization on behalf of a County when the hauler and the County have a contract for those purposes and the County has provided written notice of the contract to Marathon. Upon delivery from a contracted hauler, Marathon will perform under the Agreement as if the Solid Waste was delivered directly from the County for the tipping rate, Tonnage Deviations, and for all other provisions of the Agreement. At no time shall the contracted hauler be allowed to tip one hundred and ten percent (110%) over the established Tonnage Deviations without written permission from Marathon.

2. Marathon will send to the County daily scale tickets, monthly logs, and invoices for Disposal Costs.

Other than the foregoing provisions, all other conditions of the Agreement shall remain in effect.

IN WITNESS WHEREOF, the parties hereto agree to this Amendment of the Agreement and have caused this Amendment to be executed by their duly authorized representatives as of the dates below.

### **PORTAGE COUNTY**

\_\_\_\_\_ Date: \_\_\_\_\_  
Amanda Haffele, Solid Waste Director

### **MARATHON COUNTY**

\_\_\_\_\_ Date: \_\_\_\_\_  
David Hagenbucher, Solid Waste Director

### **SHAWANO COUNTY**

\_\_\_\_\_ Date: \_\_\_\_\_  
Jessica Van Buren, Zoning Administrator