



**Town of Southwest Ranches
Advisory Board
Meeting Agenda**

Tuesday May 07, 2024
7:00 pm

Town Hall
13400 Griffin Road
Southwest Ranches, FL 33330-2628

Board Members

Harold Gubnitsky
Rose Allbritton
Debbie Green

Debra Goff Rose
Alessia Martinez

Council Liaison

Vice Mayor David S. Kuczenski, Esq.

Staff Liaison

Dan Stewart

- A. ROLL CALL**
- B. PLEDGE OF ALLEGIANCE**
- C. AGENDA AS FOLLOWS**
 - a. Introduction of Board Member Alessia Martinez**
 - b. Approval of April 02, 2024 Minutes**
 - c. WM Presentation and Video – Dawn McCormick**
- D. NEW BUSINESS**
 - a. Discussion Items**
 - i. Clean Tech Innovation Topic**
 - ii. Exploring Federal Grants**
 - iii. Zero-Waste Task Force Discussion and Update**
- E. OLD BUSINESS**
- F. ITEMS FOR NEXT MEETING**
- G. COMMITTEE MEMBER COMMENTS**
- H. STAFF COMMENTS**
- I. PUBLIC COMMENTS**
- J. ADJOURNMENT**

PURSUANT TO FLORIDA STATUTES 286.0105, THE TOWN HEREBY ADVISES THE PUBLIC THAT IF A PERSON DECIDES TO APPEAL ANY DECISION MADE BY THIS BOARD OR COMMITTEE WITH RESPECT TO ANY MATTER CONSIDERED AT ITS MEETING OR HEARING, HE OR SHE WILL NEED A RECORD OF THE PROCEEDINGS, AND THAT FOR SUCH PURPOSE, THE AFFECTED PERSON MAY NEED TO ENSURE THAT A VERBATIM RECORD OF THE PROCEEDING IS MADE, WHICH RECORD INCLUDES THE TESTIMONY AND EVIDENCE UPON WHICH THE APPEAL IS TO BE BASED. THIS NOTICE DOES NOT CONSTITUTE CONSENT BY THE TOWN FOR THE INTRODUCTION OR ADMISSION OF OTHERWISE INADMISSIBLE OR IRRELEVANT EVIDENCE, NOR DOES IT AUTHORIZE CHALLENGES OR APPEALS NOT OTHERWISE ALLOWED BY LAW.



Town of Southwest Ranches Zero Waste Advisory Board Minutes

April 2, 2024
7:00 pm

Board Members

Rose Allbritton, Debra Goffe-Rose, Debbie Green,
Harold Gubnitsky

Council Liaison

Vice Mayor David S.
Kuczenski, Esq.

Staff Liaison

Dan Stewart

Members present:

Rose Allbritton
Debra Goffe-Rose
Debbie Green
Harold Gubnitsky

ZWAB Members absent:

Staff present:

Dan Stewart

Council present:

Gary Jablonski
Jim Allbritton
Steve Breitzkreuz
David Kuczenski
Bob Hartmann

Others present:

Alessia Martinez
Richard Ramcharitar
Lori Parrish
Doug McKay
John Garate

Call to order at 7:00 PM

The members present reviewed the staff minutes of the March 2024 meeting.

Debbie Green motioned to approve the March 2024 minutes. Debra Goffe-Rose seconded, and the motion passed unanimously.

Debra Goffe-Rose motioned to approve the 2024 Meeting Schedule to meet the 1st Tuesday each month with a hiatus in the months of July and December. Debbie Green seconded, and the motion passed unanimously.

Chair discussed "Clean Tech Innovation Topic". The board requested to keep this as a standing item on the agenda. Chair discussed Biochar. This makes for very good fertilizer and feed for animals. Possibly able to extract carbon for batteries. All yard debris has carbon in it. If we are able capture & turn into biochar and then further turn into CO², could be a valuable commodity as an alternative to composting.

Members requested that we get more detailed information from WM as to the categorization of our solid waste. Dawn McCormick from WM is planning to attend the next advisory board meeting on May 7th. She works with recycling and robotics at WM. Staff is working on coordinating a tour of the WM Facility for the board. April 10th and 17th were given as possible tour dates.

Staff shared that the Town is working to bring more recycling right education to the Town Parks and Facilities. There will be larger bins placed at the facilities and a large recycle bottle to collect recyclable materials at the Town parks. The Town Council is creating a PSA for "recycling right". The Town is working with WM to send out decals with what can and cannot be recycled to residents using billing accounts. The decals will be mailed with a flyer and introduction from the Town.

Alessia is going to bring back ideas for coordinating High School students to partner with Hawks Bluff Elementary School. She would like to create educational programs for recycling, composting, and other zero waste methods to implement at the elementary school.

There being no further business to discuss, the meeting adjourned at 8:00pm.



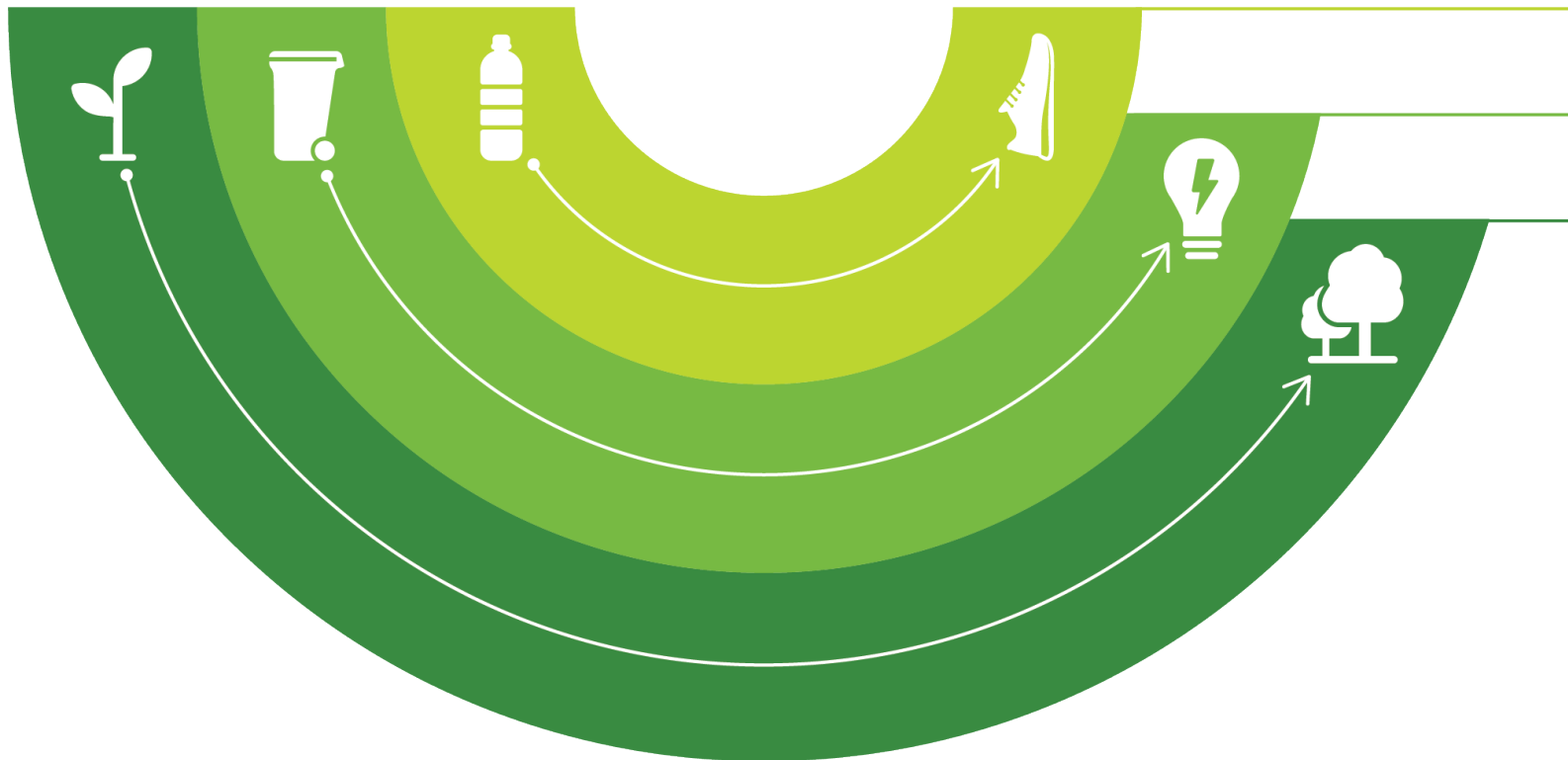
Southwest Ranches Zero Waste Advisory Board

Dawn McCormick
WM Director of Communications &
Government Affairs

May 7, 2024



WM's Sustainability Ambitions



Material is
REPURPOSED

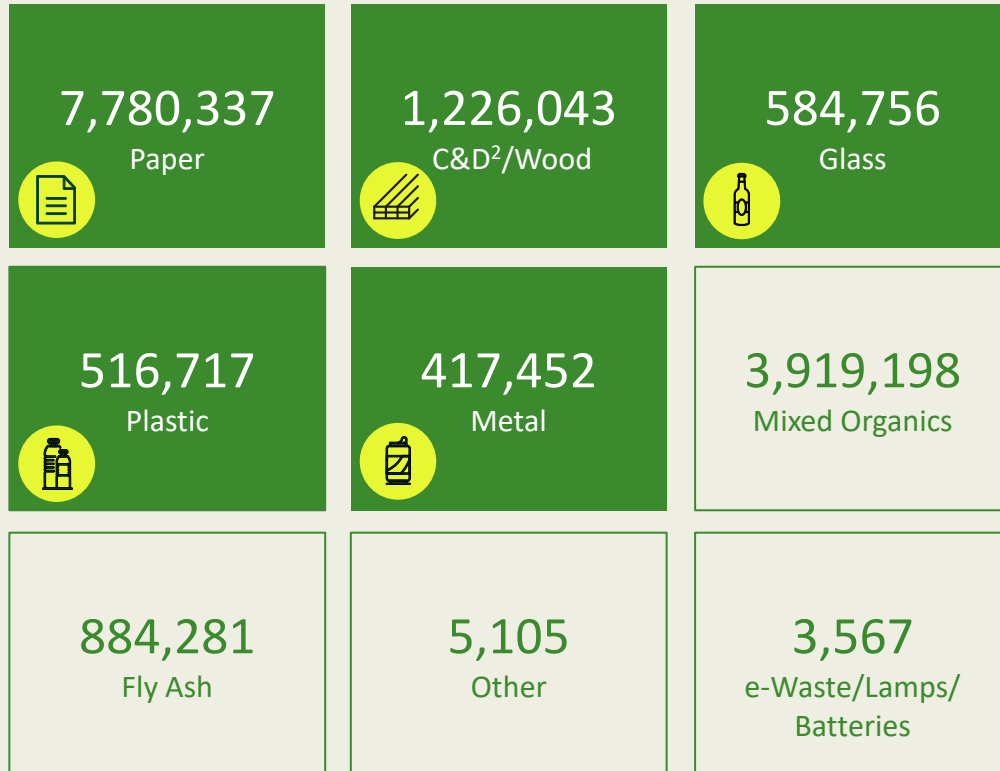
Energy is
RENEWABLE

Communities are
THRIVING

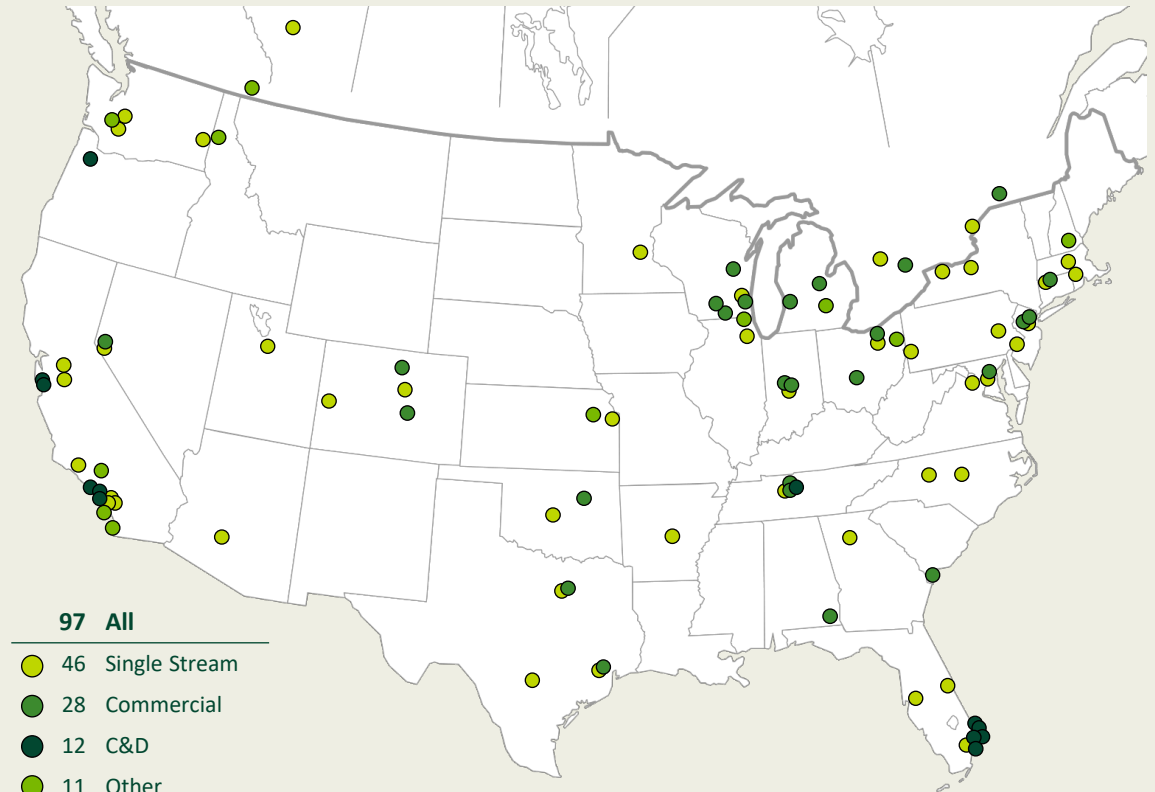
We're reinventing what's
POSSIBLE

WM Recycling Footprint

Largest North American
Manager of Recyclables



15M Tons of Volume Across
Recycling Facility Footprint



1. All data based on tons in 2021.
2. Construction and demolition.

WM Making a \$1B+ Investment in Increased Recycling Capacity and Infrastructure

Enhancing Material Quality



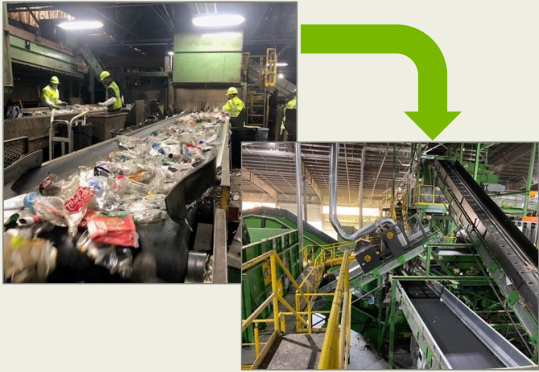
Expanding Capacity in Existing Markets



Unlocking Volume in New Markets



Driving Value through Labor Efficiency



State of the Art Recycling Facilities



Objectives

Our State-of-the-Art Recycling Facilities are:

- Increasing capacity
- Reducing labor costs
- Improving commodity recovery and quality
- Maximizing material values

Improved Material Quality

- ✓ **Improved glass quality** due to upgraded sorting equipment
- ✓ **Increase** in cardboard recovery
- ✓ **Plastics Recovery** – 39% increase in PET recovery; also recovering significant new amounts of polypropylene (#5)
- ✓ **Better capture rates** – 59% increase in Aluminum recovery

Results

- 75% increase in processing capacity
- 51% reduction in volume of recyclables in residue
- 33% reduction in labor costs per ton
- 31% increase in average revenue per ton

WM is Constructing and a State-of- the-Art Single Stream Recycling Processing Center in Pembroke Pines



- WM's Reuter Recycling is already the largest volume single-stream Recycling Facility in the southeastern United States.
- This new facility will be built to process up to 60 tons per hour. This will result in a 75% increase in production of marketable recycling materials, ensuring the long-term viability of sustainable recycling programs throughout south Florida.

WM Recycling South Florida



Unprecedented demand for recycled materials is 3-4X greater than current supply



3.1M
tons *recycled*

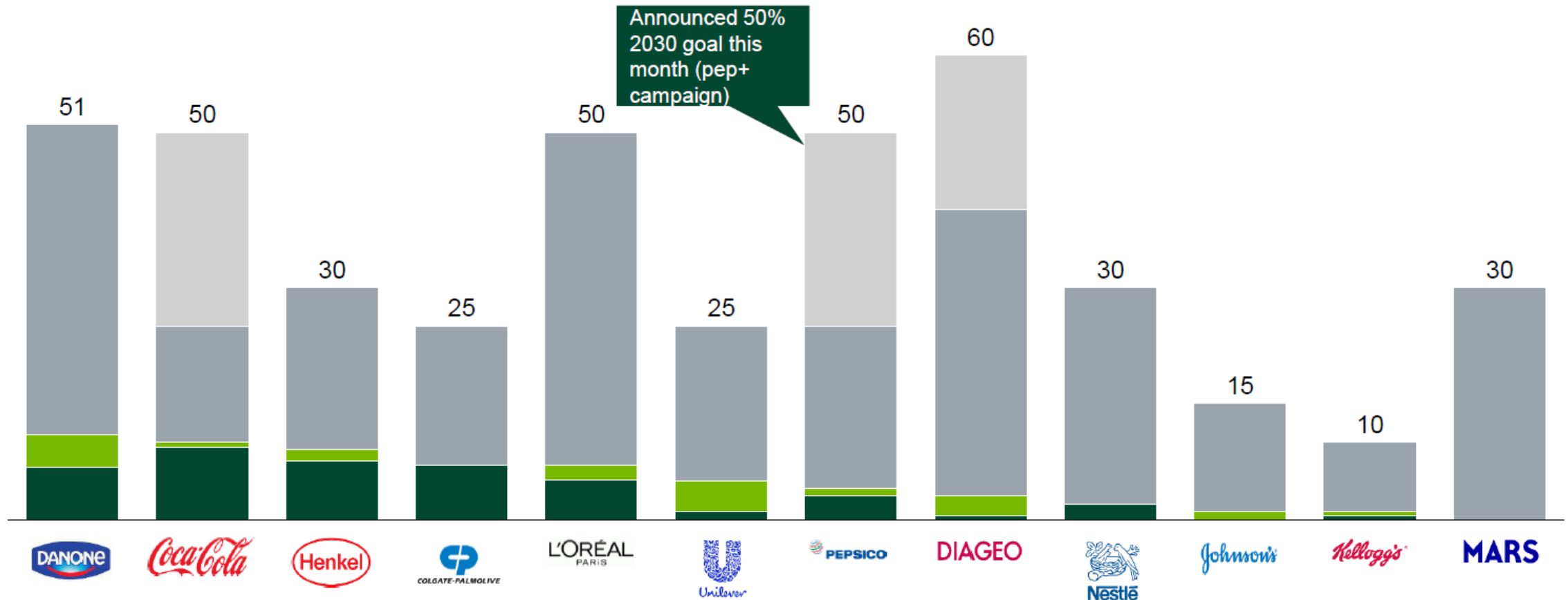


Market leading CPG companies are making public commitments to minimum recycled content, with most pledging 25% by 2025

NOT EXHAUSTIVE

■ Target 2030 ■ 2019 incremental
■ Target 2025 ■ 2018 actual

Recycled content commitments and progress for select CPG companies, % of recycled content



BUILDING MARKETS FOR RECYCLED MATERIALS

For Tomorrow[®]: WM + Repreve[®]

REPREVE[®]* fiber, a product of Unifi, Inc. has become an important end market for plastic bottles sourced from WM, which the company transforms into sustainable polyester.

* REPREVE[®] is a registered trademark of Unifi.



BUILDING MARKETS FOR RECYCLED MATERIALS

For Tomorrow[®]:

WM + Natura PCR

WM has a controlling interest in Avangard Innovative's U.S. post-consumer resin (PCR) business, which now operates as Natura PCR, and is expected to grow recycling capacity to produce an estimated 400 million pounds of PCR in the next five years.



BUILDING MARKETS FOR RECYCLED MATERIALS

For Tomorrow[®]:

WM + Dow[®]

WM and Dow[®] have launched a new collaboration to improve residential recycling for hard-to-recycle plastic films by allowing consumers in select markets to recycle these materials directly in their curbside recycling. Once operating at full capacity, this program is expected to help WM divert more than 120,000 metric tons (MT) of plastic film from landfills annually.

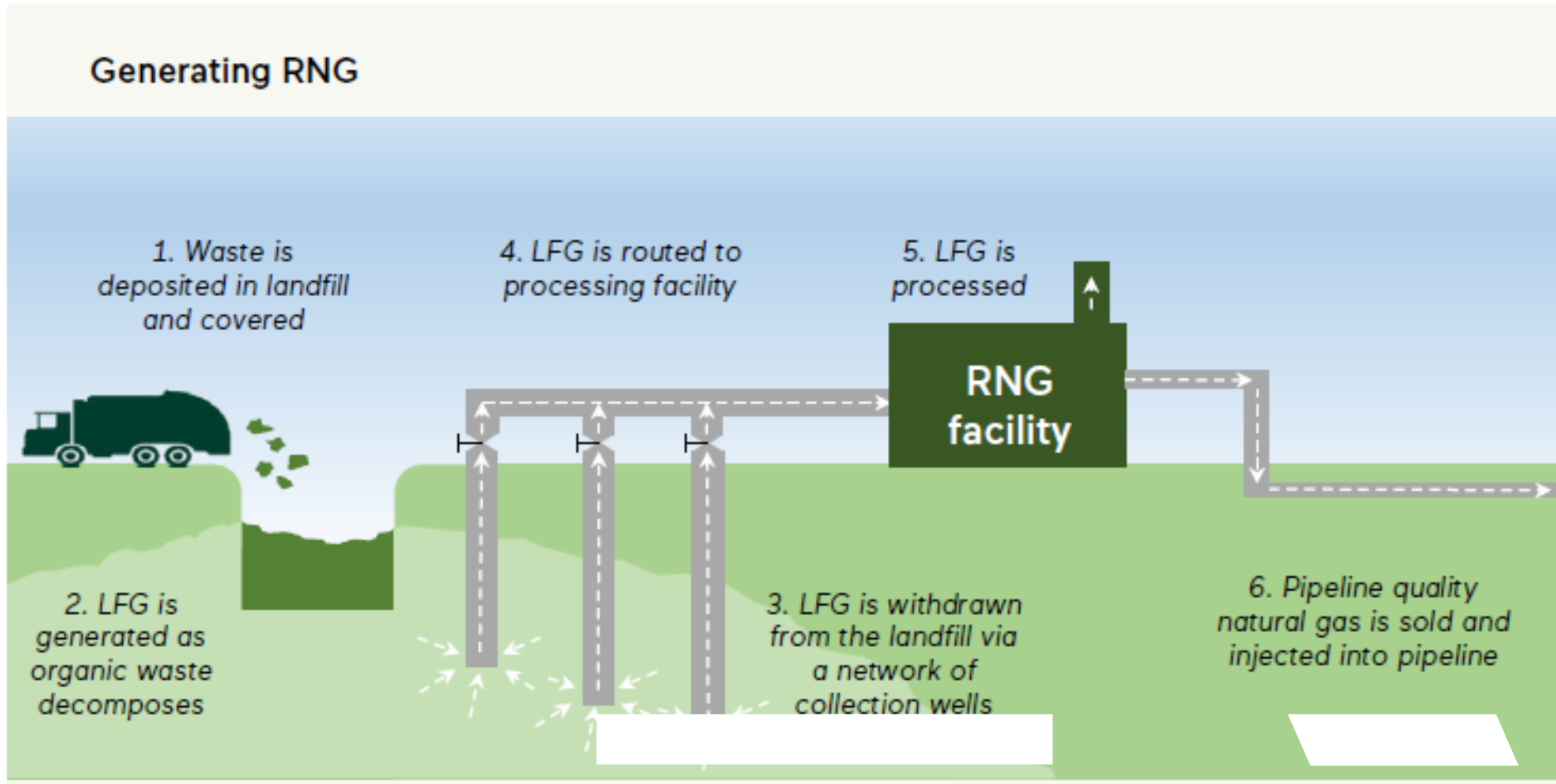
WM

DOW



WM

WM is building RNG facilities at Medley Landfill and Okeechobee Landfill



Questions?

dmccormick@wm.com