



Public Utilities Department  
Solid & Hazardous Waste Management Division

# LET'S TALK TRASH



**Kari Ann Hodgson, P.E.,**

**Director, Solid & Hazardous Waste Management Division  
Collier County Public Utilities Department**



**[colliercountyfl.gov/solidwaste](https://colliercountyfl.gov/solidwaste)**



**239-252-7575**

# Core Services & Programs



**Collection**



**Disposal**



**Recycling Centers**

# DISPOSAL SERVICES

## Landfill and Transfer Station Operations

- Landfill and Transfer Station Operations
  - 298,326 landfilled tons 2022
  - 26,734 transferred tons in 2022

## Life of Site Agreement with WM

## Landfill Gas To Energy Facility

## What do the Tipping Fees Support?

- Landfill construction and operational costs
- Recycling Centers Operations
- Capital Program
- Hurricane Resiliency Fund
- Public Outreach and Community Programs

Renewable energy  
powers 3,000 homes



40 years  
2062



# Collection

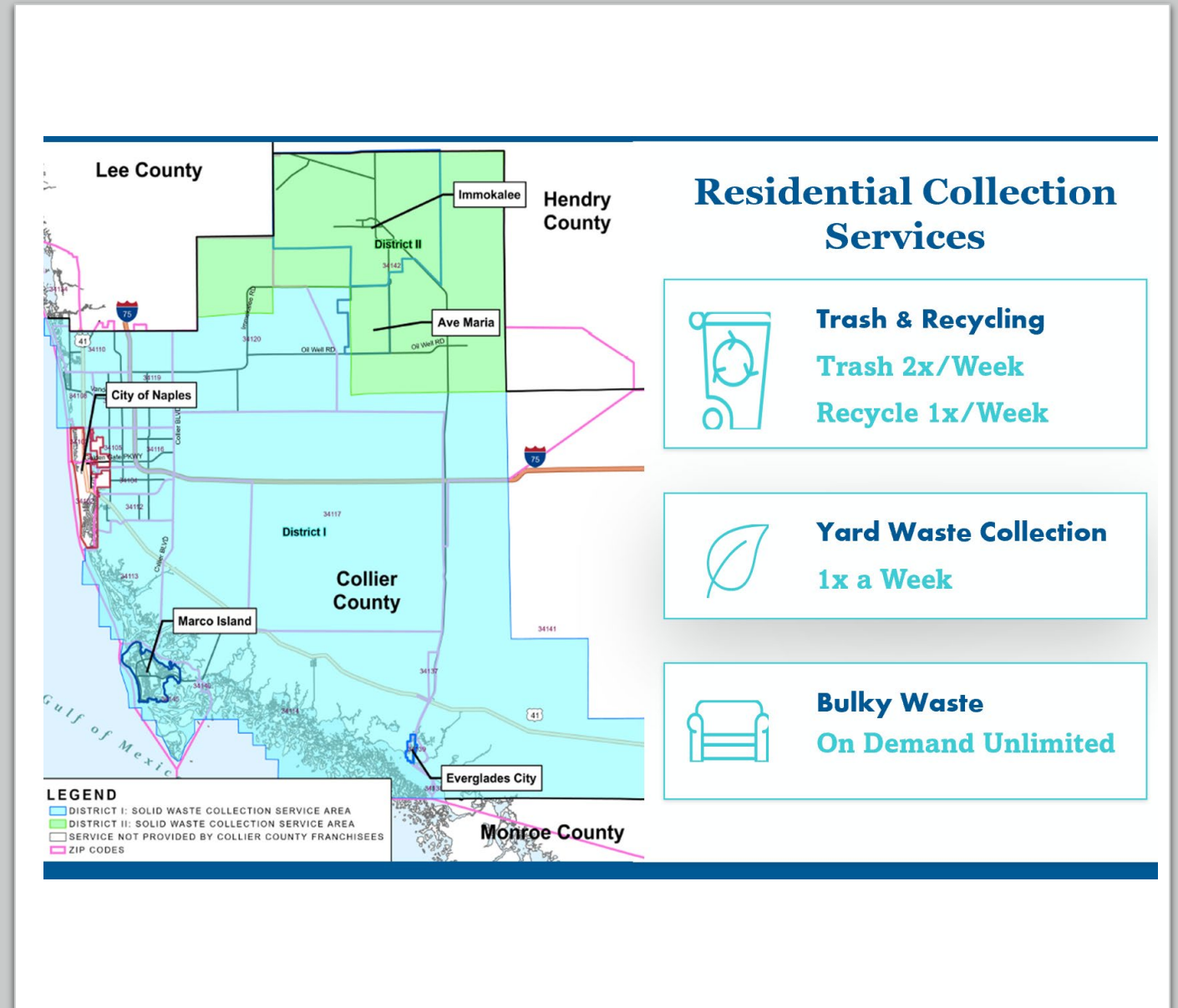
# COLLECTION PROGRAM

## Residential Assessment

- \$230.82 District I – Naples (Excluding City of Naples)
- \$228.09 District II - Ave Maria & Immokalee
- Provides Services to:
  - Unincorporated Collier County
  - City of Marco Island
  - Everglades City
- Over 146,000 Units Services (46,000+ pickups per day)
- .075% Complaint Rate

## Assessment Revenue Supports

- 2 Franchisee Residential Curbside Collection Contracts (Waste Management & Waste Pro)
- Processing of Curbside Residential Recycling
- Residential Waste Tip Fees
- Contract Management and public education and outreach Programs
- Designated Turnaround Driveway Program





# Collier County's Recycling Drop-Off Centers

- **North Collier** 9950 Goodlette-Frank Road
- **Naples** 2640 Corporate Flight Drive
- **Marco Island** 990 Chalmer Drive
- **Tim Nance** 825 39<sup>th</sup> Ave NE (fairgrounds)

Open Monday-Saturday  
8:30 a.m.-4:30 p.m.

Services over 97,000 Customers  
Diverts over 2 Million pounds  
Free drop-off for most items

[colliercountyfl.gov/dispose](http://colliercountyfl.gov/dispose)

# Commercial Recycling

## Collier County is **SERIOUS** about Recycling!

**Per Collier County Ordinance 2009-56 recycling is mandatory for business, temporary events, facilities and institutions.**

For recyclable materials to have a second life and become new products, it is important that only the right items, free from contamination make their way into your recycling container.

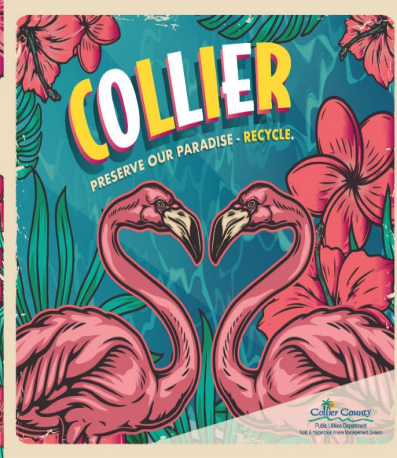
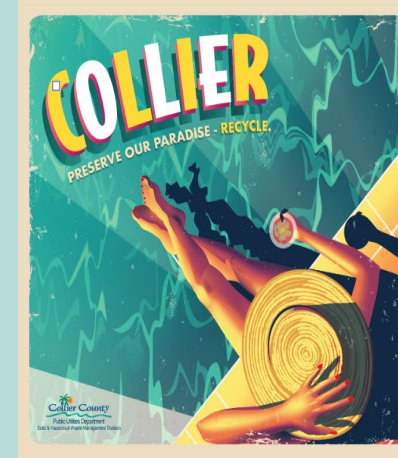
To learn more, visit [colliercountyfl.gov/recycle](http://colliercountyfl.gov/recycle) or if you need assistance setting-up a recycling program at your business, call (239) 252-7575 to speak with a Recycling Coordinator.



# Major Accomplishments

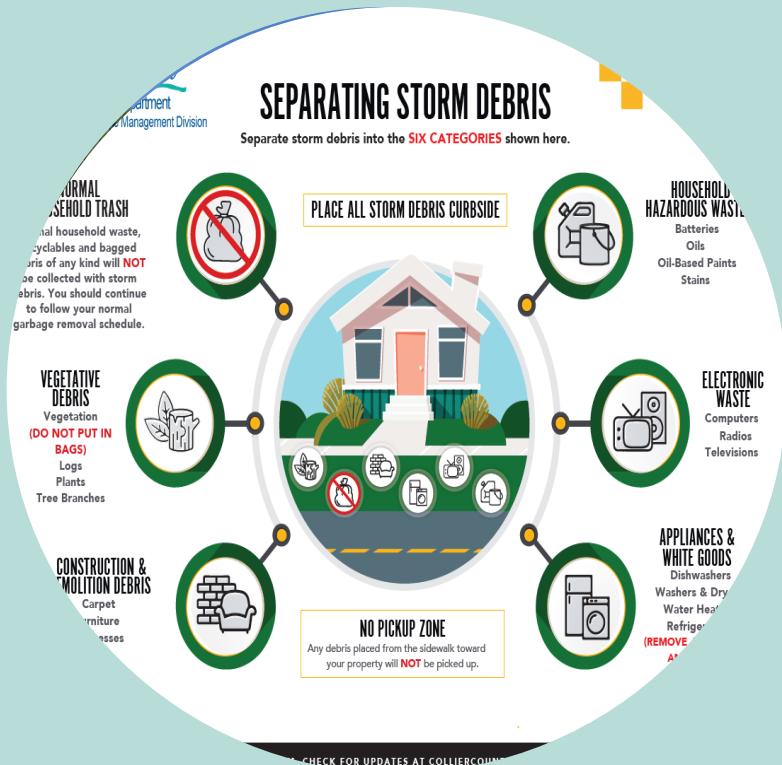
- Collier County ranked 4<sup>th</sup> in the state for recycling efforts (2021)
- Achieved 75% State Mandated Recycling Rate –
  - Only 5 of 67 Counties met this goal (Honored November '22)
- 1<sup>st</sup> County Grant-Funded Foam recycling program (Award Feb '21)
- Media and Marketing Rebranding (2022)
  - Received honorary PRSA 2022 Public Service Award of Commendation
- Deep Injection Well Construction Project (Feb '22)
  - Resiliency & Cost Savings of \$1.4 million per year
- Clearing of Resource Recovery Business Park (RRBP) (May '22)
- 1<sup>st</sup> BCC Approved Solid Waste Rate Study (July '21)
- Integrated Scale/Accounting Software System (Feb '23)
- State-of-the-Art Security System for Solid Waste Facilities (2023)
- CCLF Scale Operations Safety & Efficiency Upgrade (Dec '22)

[colliercountyfl.gov/solidwaste](http://colliercountyfl.gov/solidwaste)





# Services & Programs



**Debris Removal**



**Tank Compliance**



**Small Quantity Generator**

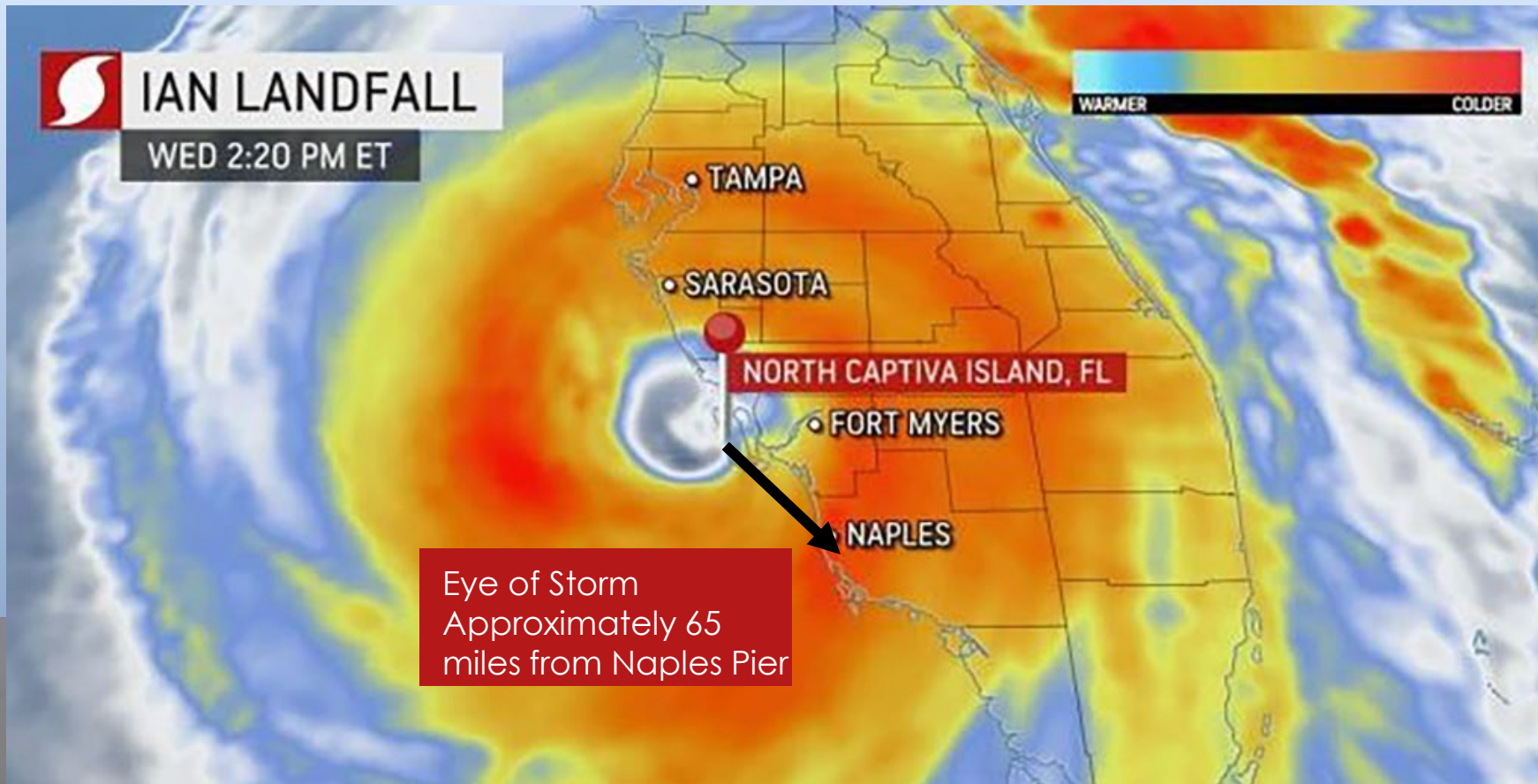


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# Hurricane Ian

**Landfall**  
**September 28, 2022**

**Kari Ann Hodgson, P.E.,**  
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**Hurricane Charley**

Category 4

**2004**

**Hurricane Wilma**

Category 3

**2005**

**Hurricane Irma**

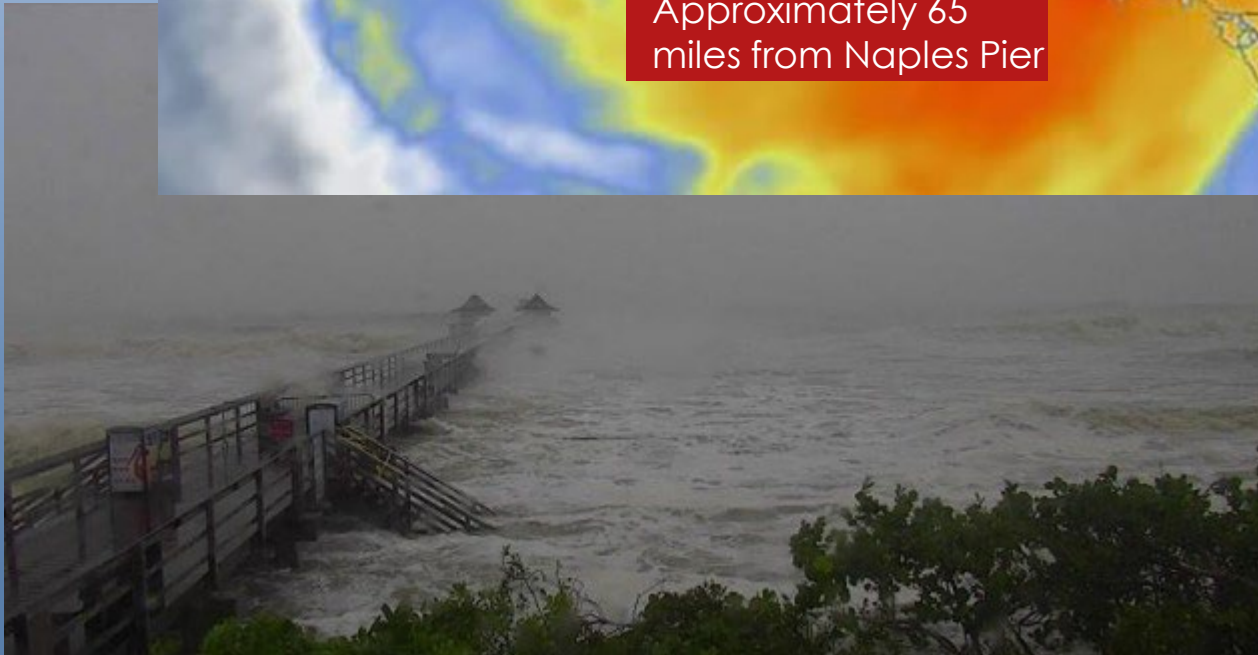
Category 3

**2017**

## **Hurricane Ian**

moved west of Naples Pier at 10 miles per hour with winds of 150 mph at 7 a.m., just shy of a category 5 Hurricane.

**2022**



# Hurricane Ian & Hurricane Irma Comparison

	<b>IRMA</b>	<b>IAN</b>
Vegetative Debris	3,466,239 Cubic Yards	755,681 Cubic Yards
Construction & Demolition	170,017 Cubic Yards	525,412 Cubic Yards
Total Debris Collected	3.6 M Cubic Yards	1.28 M Cubic Yards
Debris Management Sites	6 Debris Management Sites	2 Debris Management Sites
Population without Electricity	Approximately 82%	Approximately 40%



IAN DATA FROM 12/06/22 – Debris Removal Continues.

It is estimated that over 50% of debris has been removed by private contractors.

# Hurricane Ian Milestones

- 09/23/2022 State of Emergency Declared
- 09/28/2022 Hurricane Ian made landfall – Category 4
- 09/30/2022 Garbage collections resumed
- 10/03/2022 Debris Removal Commenced – 5 Days post landfall
- 10/06/2022 Opened 4 Recycling Drop-Off Centers for free residential yard waste disposal until 12/15
- 10/14/2022 Second Debris Site Opened – Wiggins
- 10/22/2022 Hauling Out from Debris Sites Commenced
- 12/08/2022 Last Day to Drop-Off Hurricane Yard Waste at Recycling Centers
- 01/08/2023 Last Day to place Hurricane Generated Debris curbside

Public Portal

<http://www.colliercountyfl.gov/garbageandhurricanedebris>





# Challenges

- Collier County's 1<sup>st</sup> Storm Surge Storm
- Less impact to public right of ways – urgent need to enter communities
- Messaging
- Batteries and Ammunition
- Excess Garbage and Debris

# Success Stories

- Road and Bridge - first push
- No rain after the hurricane
- Debris Sites
- Contracts in place including final disposal
- Abandoned cars reclaimed
- Asbestos contained
- Fuel supplies were available
- Support from Leadership
- Trustful and Engaged community



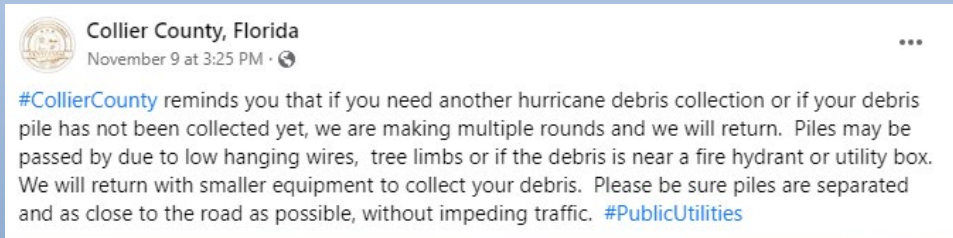
# Public Messaging and Outreach

**Facebook:** 74 posts – 680, 996 impressions

**Twitter:** 38 posts – 60,409 impressions

**Instagram:** 37 posts – 130,590 impressions

**Total:** 871,995 impressions



**LOCAL**

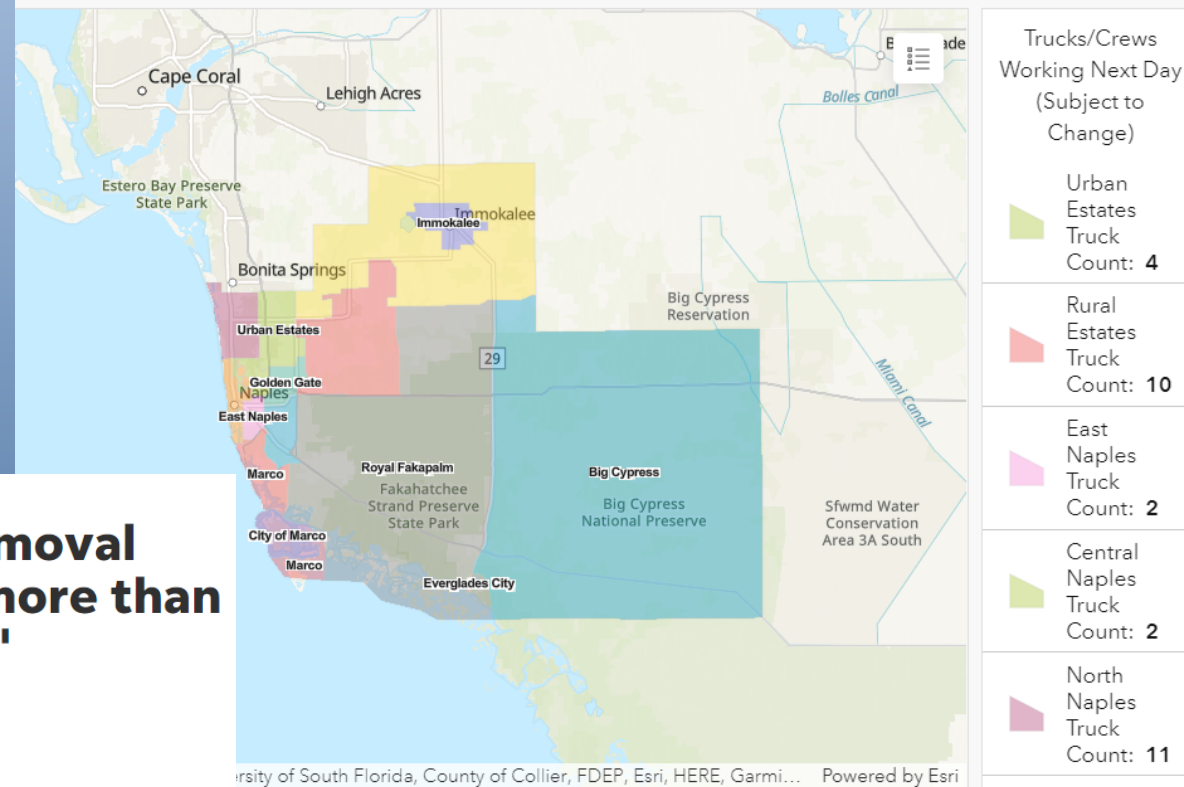
**Collier County debris removal update: Enough to "fill more than 10,000 pickleball courts"**

**Laura Layden**  
Naples Daily News

Published 5:26 p.m. ET Nov. 7, 2022 | Updated 6:22 a.m. ET Nov. 8, 2022

## Collier County Debris Removal Dashboard

TOTALS TO DATE BY COMMUNITY						12/04
Total Cubic Yards			Total Loads			
1,273,412			24,737			
Central Naples	City of Marco	City of Naples	East Naples	Everglades City	Golden Gate	
52,190	76,708	289,050	131,428	5,601	98,166	
Immokalee	Marco	North Naples	Rural Estates	South Naples	Urban Estates	
13,026	25,708	263,962	128,498	62,657	110,263	





# Separating Storm Debris



## SEPARATING STORM DEBRIS

Separate storm debris into the **SIX CATEGORIES** shown here.

### NORMAL HOUSEHOLD TRASH

Normal household waste, recyclables and bagged debris of any kind will **NOT** be collected with storm debris. You should continue to follow your normal garbage removal schedule.



PLACE ALL STORM DEBRIS CURBSIDE



### HOUSEHOLD HAZARDOUS WASTE

Batteries  
Oils  
Oil-Based Paints  
Stains

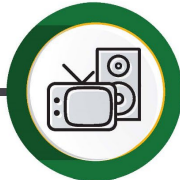
### VEGETATIVE DEBRIS

Vegetation  
**(DO NOT PUT IN BAGS)**  
Logs  
Plants  
Tree Branches



### ELECTRONIC WASTE

Computers  
Radios  
Televisions



### CONSTRUCTION & DEMOLITION DEBRIS

Carpet  
Furniture  
Mattresses



### APPLIANCES & WHITE GOODS

Dishwashers  
Washers & Dryers  
Water Heaters  
Refrigerators  
**(REMOVE PERISHABLES AND DOORS)**



### NO PICKUP ZONE

Any debris placed from the sidewalk toward your property will **NOT** be picked up.





Our Solid Waste Team has been out in the community educating residents on how to separate debris piles at the curb. Their friendly faces offer encouragement, support and strength. We are here for one another and together we will get through this.



# THANK YOU!

## FOR THE COLLABORATION AND COOPERATION

Collier County Commissioners  
Collier County Residents  
Ashbritt – Debris Removal  
Tetra Tech – Debris Monitoring  
Collier County Staff  
Collier County Sheriffs Office  
Greater Naples Fire  
Waste Management  
Waste Pro



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Frank Hawkins  
Great job over all by the county!!!!!!

 Christina Marie Moulder  
So many are working so very hard. They are doing an amazing job day in and day out! Thank you to all those working diligently to move debris away from homes. It is surely helping so many feel a bit less stress. So much recovery ahead for so many. I am really looking forward to volunteering my first shift with the Red Cross this weekend to try and do all I can to help.


Like Reply 4h


 Lisa Martin  
Amazing job. Thank you workers! ...


Like Reply 15h

 Beverly B Fanning  
You've all been doing a great job. Thank you from all of us. ❤️ ...

Like Reply 17h

 SWFL Generator · Follow ...



 Collier County, Florida  
Published by Genie White O'Loughlin · 1d · 🌐

We are on the way! Our teams and contractors are working 7 a.m. to 7 p.m. every day to get our community cleaned up. Please be patient if we have not gotten to your neighborhood yet. Crews will continue to collect hurricane debris until it is all picked up. We appreciate your patience and realize the impact of Hurricane Ian on our residents. Visit our Debris Removal Dashboard to track collections and stay updated.

 Scott Pickens  
Exceeding Expectations Everyday




Thank you for your patience!


TT-EMI.MAPS.ARCGIS.COM  
Emergency Cleanup Updates

 Maureen Olsen  
Awesome job!

👍❤️ 430      34 Comments 56 Shares

👍 Like      💬 Comment      ➦ Share

 Cynthia E Bawden  
Keep up the good work! Go get 'em! I'm fascinated by these trucks!

 Karen Harris  
Thank you hard working CC employees!! ❤️

# Questions