



Pinellas County
Solid Waste





**Teamwork Makes the Dream Work:
SQG & HHW Programs Working Together**


Kiana Sladicki, Hazardous Waste Manager, Pinellas County Solid Waste

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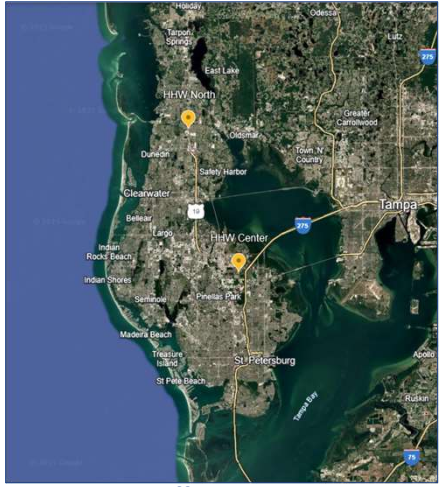
Pinellas County HHW



**HHW
North**




HHW





**Pinellas County,
FL**

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Pinellas County SQG Program



- Four Inspectors
- Five Programs
- Over 10,000 operating businesses

Pinellas SQG

Educational Brochures

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How we help businesses at our HHW



Save time and stress



Save money

Bulked Oil/Diesel	\$1.06
Chlorinated/Halogenated Wastes	\$1.23
Corrosives	\$1.12
Cyanide/Sulfide Wastes	\$9.79
Flammables - Liquid	\$1.30
Flammables - Solid	\$1.96
Flares	\$10.49
High Intensity Discharge (HID) Lamps	\$2.25
Mercury for Recycling	\$58.81
Mercury Poisons	\$27.51
Mercury-Containing Devices	\$58.81
Mercury-Containing Lamps	\$1.32
Non-hazardous/Non-regulated Wastes	\$1.06
Oxidizers	\$4.05
Paint - Latex	Solid Waste Disposal Fees Apply

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Over the Years



- Takes place at the back loading dock of our HHW
- First event in June 1992, saw 22 VSQG customers in the first quarter
- In 2024, we saw 342 chemicals and 74 electronics customers
- Since January 2018, staffed with an SQG Program Inspector and HHW Technician



1992 – today

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Business Electronics & Chemical Collection Events



- Second Wednesday of every month from 9:00 – 4:00
- Operated by our contract vendor, with HHW and SQG oversight



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Businesses are screened and unloaded






Step 1



Step 2

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Disposal receipt and packaging





Step 3

Vehicle: Dump Truck
 Origin: NS - Not Specified
 Destination: MIN - Hand Unload Area

Material: Commercial-MSW
 Rate: \$ 47.75/TN

Gross: 5.84 tons 13680 lbs
 Tare: 5.01 tons 10020 lbs
 Net: 1.83 tons 3660 lbs


Billing Information:
 Deposit: 0.00
 Tip Fee: 87.38
 Special Fees: 0.00

Total Fee: 87.38

Payment Method(s):
 Credit Card 87.38
 GC Last 4:XXXXXXXXXX8007

Tot. Tendered: 87.38
 Change: 0.00

Notes: VSGG PAINT



Step 4

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It's not always pretty...





But it works!



FDEP Complaint Referral

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Since January 2018, together we've collected:

- 575,290 pounds of chemicals
- 414,189 pounds of electronics
- 701,600 pounds of latex paint



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What else do we do as a team?



*"The
Sandbaggers"*

**SQG inspectors are cross-trained in
HHW operations**

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Working closely together helps with referrals




What do we do?!

HHW Rack Card

Knowing both programs...



Means we have each other's back



Sometimes...



Questions?



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pinellas.gov/business-electronics-and-chemical-collection-events/

pinellas.gov/hhw



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Teamwork Makes the Dream Work: Lee County's SQG & HCW Programs Working Together!

Erin Murphy
Pollution Prevention
Sr. Environmental Specialist

Earnest Outlaw
Household Chemical Waste
Supervisor

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Topics:

- VSQG's Business Collection Event
- Mobile Collection Events
- Outreach & Education
- Illegal Dumping & Ordinance Enforcement



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VSQGs Business Collection Events

- Occur once a month at the HCW location
- VSQG's vs SQG's, what's the difference-
 - P2 inspectors assist contractor with waste amounts brought in and ensure no SQG's using the event.
- Information on this event provided to businesses during educational assessments
- Potential Issues
 - Business reluctant to spend \$\$
 - Poor storage during transport



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Mobile Collection Events

- 70% of residents reside outside of a 5-mile radius from the drop off center
- Large box truck was purchased in 2019
- QR code added for access to website
- Nine events scheduled for 2025
- Collect data on number of residents who attend events



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Mobile Collection Events

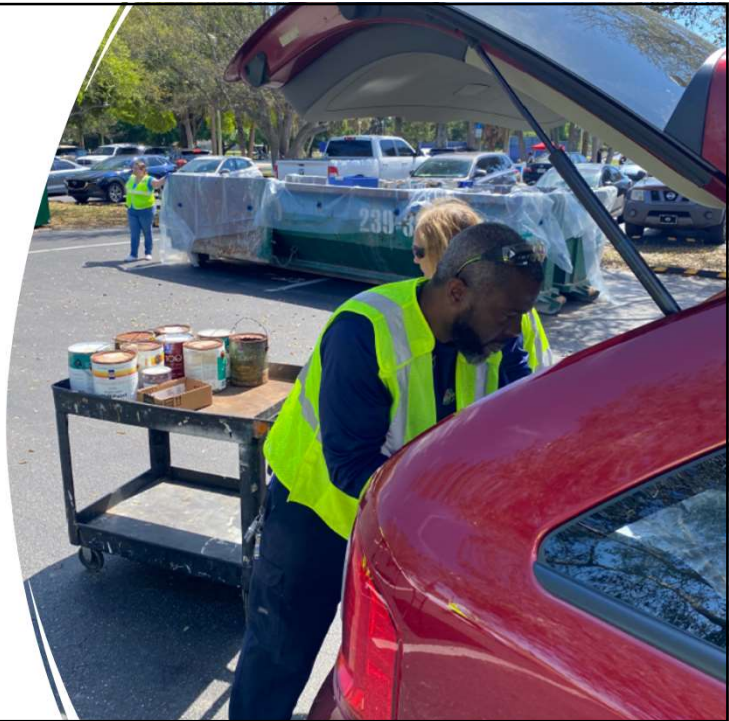
- Solid Waste involvement:
 - Provide all sorting/collection equipment
 - Transport collected items
 - Manage interlocal agreements



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Mobile Collection Events

- P2 Involvement:
 - A P2 inspector attends each mobile collection event
 - Provides extra set of hands as the HCW facility is still in operation during these events
 - Provides education to any business that attempts to bring waste to these events
 - Assists in answering citizens' questions



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Mobile Collection Events - Advertisement

- The key to successful turnout is through proper advertisement
- Advertisement techniques:
 - **Press release**
 - **Social media**
 - Billboards
 - Radio
 - Flyer distribution
 - Snipe signs
 - **Municipal partners**



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Outreach & Education

- Tabling events
 - Public events/festivals, Lee County Ag Expo, farmers markets
 - Use of QR codes
- Other events
 - Summer camps & school presentations



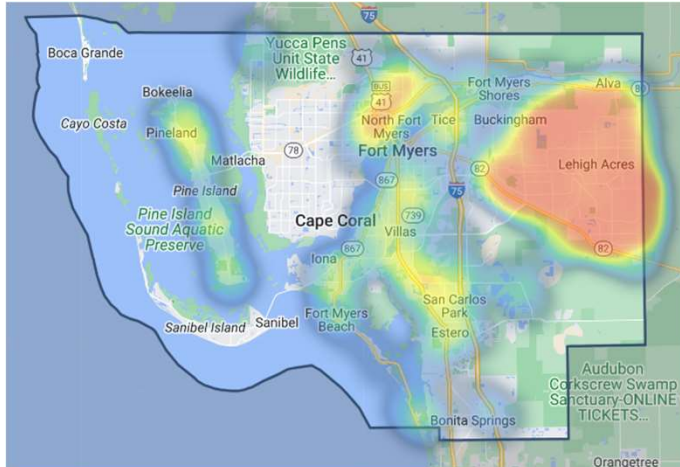
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HCW Facility



- Opened to the public in 2008
- Six full time HCW employees- one temporary laborer
- Monday – Friday 7:30am to 4:30pm
- First Saturday of every month 8am -12pm
- Businesses that come to main HCW facility are referred to the P2 Program
- Serves an average of 22,368 residential customers annually

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2024 Illegal Dumping Heat Map

Ordinance Enforcement – Illegal Dumping

- Eastern portion of Lee County has become an illegal dumping ground for solid, regulated, and hazardous wastes
- 8 Solid Waste Environmental Specialists monitor illegal dumping daily
- 2024 had 2,102 illegal dump investigative cleanups
- Illegal dumping is an ongoing issue due to:
 - Population increases and major storm events

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Ordinance Enforcement – Illegal Dumping

- P2 has two compliance personnel who monitor Lee County weekly
- P2 personnel pick up hazardous/regulated wastes found at illegal dump sites
 - Assistance from Lee County Sheriff's Office, FDEP
 - Potential Responsible Party (PRP) is educated and required to perform cleanup; potential citation for violation of Ordinances
 - If no PRP identified, P2 and SW collaborate on cleanup and monitoring of known dump sites



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SCAN ME

Questions?

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Teamwork Makes the Dream Work: SQG & HHW Programs Working Together

Alicia Hacker – Reworld Waste Environmental Specialist

On Behalf of Jonathan Toplak Pasco County Environmental Compliance



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So... What is the SQG Program?

- ▶ The Small Quantity Generator (SQG) program in Florida, mandated by state law, **helps businesses understand and comply with hazardous waste regulations under the federal Resource Conservation and Recovery Act (RCRA)**. Counties are required to identify and verify SQGs, with at least 20% of identified businesses undergoing on-site inspections. The inspections help businesses understand their waste streams and the applicable management and disposal requirements and can provide compliance assistance.
 - **SQG Definition:**
 - A Small Quantity Generator (SQG) generates more than 100 kilograms (220 pounds) but less than 1,000 kilograms (2,200 pounds) of hazardous waste per month, according to the Florida Department of Environmental Protection.
 - **Purpose of the SQG Program:**
 - The program aims to protect the environment and public health by ensuring proper management and disposal of hazardous waste generated by small businesses.

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So... What is the HHW Program?

- ▶ Household Hazardous Waste (HHW) program aims to provide a safe and environmentally sound way for Floridians to dispose of household products that contain hazardous materials. Managed through;
 - Collection Facilities
 - Collection Events
 - Curbside Collection
- ▶ Protecting Human Health and the Environment: Improper disposal of HHW, such as pouring it down the drain or putting it in the trash, can contaminate soil, water, and air, potentially harming both human health and the environment.
- ▶ Safe Management: The HHW program ensures that these materials are handled and disposed of safely, minimizing risks.
- ▶ Reducing Landfill Waste: By diverting HHW from landfills, the program helps reduce the amount of waste sent to landfills.

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Environmental Compliance By the Numbers

- ▶ SQG Inspections - 1231
- ▶ HHW Totals - 936,347.34 lbs. waste recycled, repurposed, or properly disposed of
- ▶ HHW Collections (Mobile)
 - ▶ West Pasco Government Center
 - ▶ Heritage Spring / Heritage Pines Communities
 - ▶ Earth Day (Partnership with Keep Pasco Beautiful and Reworld)
 - ▶ Partnership with Solid Waste Large Item Pickup (One per Commissioner District)
- ▶ Great American Cleanup & Keep Pasco Beautiful Litter Clean-ups
- ▶ Fats, Oils, and Grease Inspections - 1354
- ▶ Industrial Pretreatment Permitted Users - 5

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Examples of Household Hazardous Waste (HHW)

Household Cleaners

- Bleach
- Windex
- Toilet cleaner
- Comet

Pesticides & Insecticides

- Roundup
- Ortho
- Home Defense

Aerosol Products

- Lysol
- Spray paint
- Rug cleaner
- Oven cleaner

IGNITABILITY

1



...something that is flammable.
e.g. alcohol, gasoline, waste oils.

CORROSIVITY

2



...something that can rust or decompose.
e.g. battery acid and rust removers.

REACTIVITY

3



...something that is explosive.
e.g. lithium-sulfur batteries and explosives.

TOXICITY

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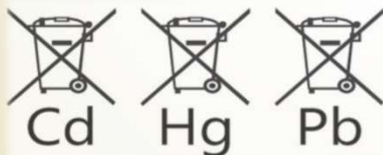


...something that is poisonous.
e.g. chemical wastes, radioactive wastes, and medical wastes

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Do NOT Throw Away

- Fluorescent lightbulbs (CFLs, tubes)
- Mercury Containing Devices
- Motor oil
- Antifreeze & Coolants
- Gasoline
- Solvents (paint thinner, Acetone, etc.)
- Pool Chemicals
- Paint (solvent/oil based)
- Lead Acid Batteries
- Lithium Batteries
- Propane Tanks
- Fire Extinguishers
- Household aerosols
- Household cleaners



OK to Throw Away

- Empty product containers
- Empty aerosol cans
- Empty paint cans
- Incandescent Bulbs
- LED Light Bulbs



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Not Accept at the HHW Center

- No biomedical Waste
- No medications
- No sharps
- No commercial waste
- No Explosives / Fireworks / Ammunition
- No radioactive waste
- No waste containers larger than 5 gallons

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Repurposed Household Products

- 

Products are visually inspected
- 

More than half full, label intact, container in good condition
- 

Sent to the Habitat for Humanity ReStore in Zephyrhills
Diverted about 3,000 lbs. of reusable household items in 2021



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Partnership with Pasco County Libraries and other Agencies

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Lithium batteries

DON'T

- Throw them in the trash
- Overcharge batteries
- Use batteries which are swollen, dented or bulging
- Let batteries get wet

DO:

- Store lithium batteries in a dry, well-ventilated place
- Store away from direct sunlight and heat sources
- Avoid freezing



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Used Battery Drop offs

- Drop off batteries at your convenience
- Look for the blue bucket or a receptacle labeled for battery drop off
- Accepts all household batteries, including lithium*



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Partnership with Pasco County Utilities

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Cooking Oil Disposal

Tips to protect your home and sewer systems from clogs:

- ▶ Don't put food in garbage disposals
- ▶ Don't pour grease down a drain
- ▶ Scrape scraps in the trash before rinsing
- ▶ Use sink strainers
- ▶ Pour cooled oils and fats into a container



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Public Cooking Oil Drop-off Locations:

- ▶ **East Pasco Transfer Station**
9626 Handcart Road, Dade City, FL
- ▶ **West Pasco Recycling Center**
14606 Hays Road, Spring Hill, FL
- ▶ **Pasco County Facilities**
7220 Osteen Road, New Port Richey, FL
- ▶ **Zephyrhills Maintenance Yard**
39421 South Avenue, Zephyrhills, FL



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Partnership with Pasco County Sheriff's Department

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At Home Medication Disposal

Follow these simple steps to dispose of medicines in the household trash

MIX
Mix medicines (do not crush tablets or capsules) with an **unpalatable substance** such as dirt, cat litter, or used coffee grounds;

PLACE
Place the mixture **in a container** such as a sealed plastic bag;

THROW
Throw the container **in your household trash**;

SCRATCH OUT
Scratch out **all personal information** on the prescription label of your empty pill bottle or empty medicine packaging to make it unreadable, then dispose of the container.






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MEDICATION DISPOSAL PROGRAM

DRIVE IN. DROP OFF. DRIVE AWAY.

NO QUESTIONS.

Too often, unused prescription drugs find their way into the wrong hands. The 2018 National Survey on Drug Use and Health shows that a majority of abused prescription drugs were obtained from family and friends, often from the home medicine cabinet.

PROPER DISPOSAL OF LEFTOVER OR EXPIRED MEDICATIONS HELPS PREVENT ADDICTION

MORE WAYS TO DISPOSE:

Deactivate: Use a drug deactivation packet to safely dispose of medications at home. Email asap@empoweredcommunities.org for information on how to get a free pouch!

Take Back: Take back to one of the two semi-annual DEA National Take Back Events, every April & October

DROP BOX LOCATIONS

West Pasco

Pasco Sheriff's Office
Hours: M-F 8am-5pm
(727) 847-5878
7432 Little Rd.
New Port Richey

New Port Richey Police Dept.
Hours: M-F 8am-5pm
(727) 816-1151
6739 Adams St.
New Port Richey

Central Pasco

Pasco Sheriff's Office
Hours: M-F 8am-5pm
(727) 372-5920
11530 Trinity Blvd.
Trinity

East Pasco

Shops at Wiregrass
Pasco Sheriff's Office Substation
Hours: T-F 10:30am-9pm
(813) 994-3845
28081 Paseo Dr.
Wesley Chapel

Pasco Sheriff's Office
Hours: M-F 9am-5pm
(727) 844-7764
36409 State Road 52
Dade City

Dade City Police Dept.
Hours: 24/7
(352) 521-1495
38042 Pasco Ave.
Dade City

To find additional locations near you, visit <https://safe.pharmacy/drug-disposal/>

✓ ACCEPTED

- Prescriptions
- Over-the-Counter Medications
- Vitamins
- Veterinary Medications
- Ointments
- Lotions
- Samples

✗ NOT ACCEPTED

- Needles/Sharps
- Liquids
- Thermometers
- Bloody or Infectious Waste
- Hydrogen Peroxide

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PASCO COUNTY FLORIDA

Partnership with Medical facilities in Pasco County

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Handling Sharps

DON'T :

- Throw loose needles and other sharps into the trash
- Flush needles and other sharps down the toilet
- Put needles and other sharps in your recycling bin -- they are not recyclable

DO:

- Immediately place used needles and other sharps in a sharps disposal container
- Seal sharps disposal containers when disposing of them
- Carry a portable sharps disposal container for travel



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Sharps Exchange Locations

Red sharps containers can be exchanged for a new container.

Morton Plant North Bay
Medical Arts Building / Outreach Laboratory, Suite 100A
6600 Madison Street
New Port Richey, FL 34652

Suncoast Eye Center
Surgery Center-Back of Building
14003 Lakeshore Blvd.
Hudson, FL 34667

Regional Medical Center Bayonet Point
Emergency Room
14100 Fivay Road
Hudson, FL 34667

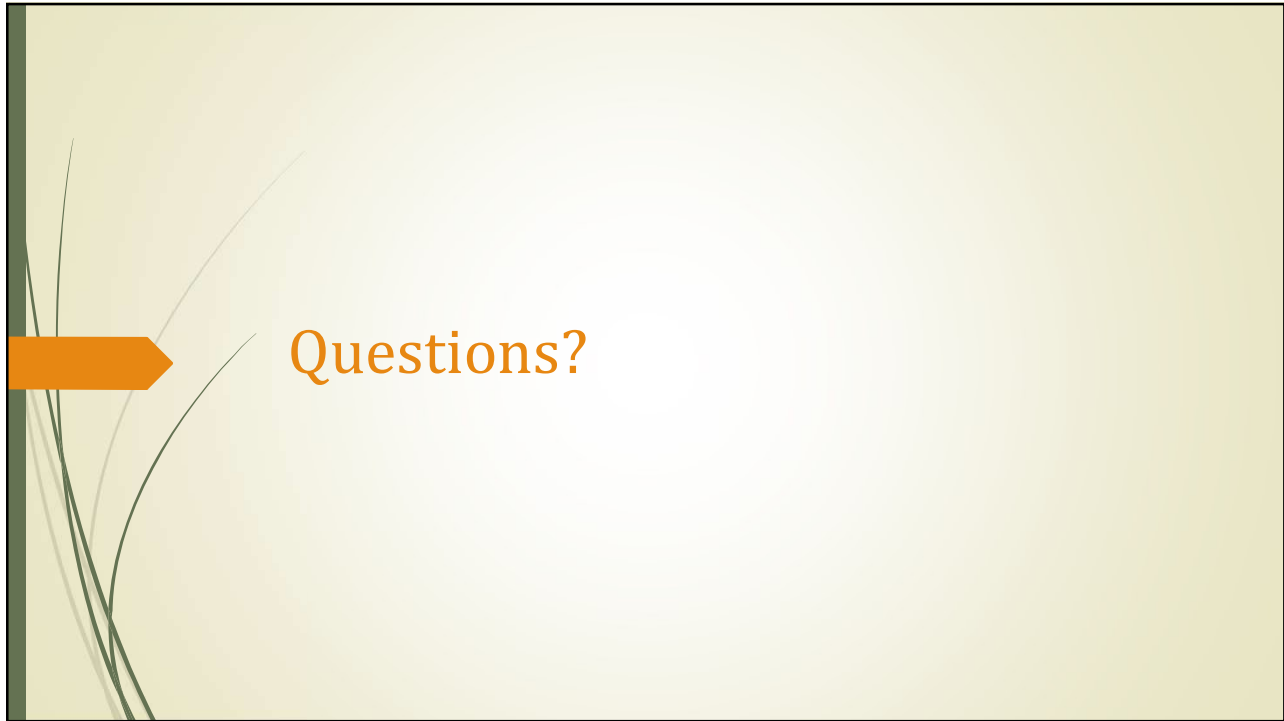
Advent Health Zephyrhills
Outpatient Desk
7050 Gall Boulevard
Zephyrhills, FL 33541

Advent Health Dade City
Inquire at Information Desk
13100 Ft. King Road
Dade City, FL 33525

Trinity Medical Center
Emergency Room
9330 S.R. 54 Medical Center
Trinity, FL 34654

*Sharps are not accepted at any of the Pasco County Health Department locations.

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Pasco County Resource Recovery Drop-off Locations

West Pasco Resource Recovery	East Pasco Transfer Station
Citizens Drop-off 14606 Hays Rd. Spring Hill, FL 34610	Citizens Drop-off 9626 Handcart Rd. Dade City, FL 33525

Hours of Operations:
Monday – Saturday
7:00am – 4:00pm

Hazardous Waste Attendants present:
West Pasco - Tuesday, Thursday, Saturday
East Pasco - Wednesday 8:30am – 11:30am

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PASCO
COUNTY FLORIDA

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