



A Keep America Beautiful affiliate

# Stella Roberts Recycling Center

## Recycling Program

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# KPB History



BOY SCOUTS FROM Troop 464 help out at the Clean Pearland Recycling Center in April. The center is open the third Saturday of each month at the Lions Club mark.

1982- Organized and ran the first recycling program in Pearland in the Lions Club parking lot



1986- Moved Clean Pearland Recycling to Old Alvin Rd site



1986- First Household Hazardous Waste Day held at Pearland High School

# Pre-KPB History

The Stella Roberts Recycling Center (SRRC) was opened in 2004, made possible by an H-GAC Solid Waste Management grant. It was originally operated by the City of Pearland and accepted a wide range of materials from single stream to hazardous waste.



# KPB History

In 2016, Keep Pearland Beautiful contracted with the City of Pearland to operate the SRRC in an effort to reduce operational costs and sustain the recycling program - especially the HHW program. CoP would continue to fund HHW disposal costs for residents but would save money from reduced overhead and labor costs.



# Current Day

In October 2021, the City of Pearland changed waste haulers and updated its solid waste contract to remove the funding previously in place to dispose of HHW for Pearland residents. KPB shifted to a cost-recovery model and began assessing \$1.50/lb fee for HHW for anyone coming from a jurisdiction that does not contract with KPB for these services.



# Regional Model

KPB Succeeds by partnering with regional entities to sustain its operations and expand access to HHW disposal services.

- Brazoria County
- City of Manvel
- City of Brookside Village
- City of League City

On the horizon...

We actively track data to determine which entities to approach next.



## Regional Model (Cont.)

Data, Data, Data!

KPB has begun tracking material origin for all visitors to the SRRC through an appointment system. This allows us to identify potential new partners and show the impact that a partnership with SRRC would have on that community.

KPB is currently working with UHD students to improve data collection, data management, reporting, and forecasting tools.



# Regional Model (Cont.)

Data Example...

## TOP 10 CITIES BY HHW VOLUME

2020

1. Pearland
2. Manvel
3. Alvin
4. Friendswood
5. Rosharon
6. League City
7. Houston
8. Lake Jackson
9. Angleton
10. West Columbia

2021

1. Pearland
2. Alvin
3. Friendswood
4. Manvel
5. Rosharon
6. League City
7. Angleton
8. Lake Jackson
9. Houston
10. Iowa Colony

# Recycling

The Stella Roberts Recycling Center accepts a wide variety of materials including:

- BOPA (LR)
- HHW
- Glass (R)
- E-waste
- SS recycling (R)
- Scrap Metal (R)

**Call2Recycle**

**Lonestar Oil Recovery**

**HHW Solutions**

**Frontier Waste Solutions**

**Strategic Materials**

**Cameron's Scrap Metal**

**Eberle Biodiesel**

**South Post Oak Recycling**

**Universal Recycling Technologies**

**Smurfit Kappa**

# Recycling (Cont.)

Commodity	Vendors		
BOPA (LR)	Call2Recycle	Lonestar Oil Recovery	Eberle Biodiesel
HHW	HHW Solutions		
Glass (R)	Strategic Materials		
E-waste	Universal Recycling Technologies		
SS recycling (R)	Frontier Waste Solutions	Smurfit Kappa Houston	
Scrap Metal (R)	Camerons Scrap Metal	South Post Oak Recycling	

# Recycling (Cont.)

We even have a textile recycling program!



5¢/lb  
Collected

# Recycling (Cont.)

KPB partners with local law enforcement agencies to hold a Drug take back event twice a year to properly dispose of unused and expired medication.

We also observe National Recycles Day in efforts to collect tires and mattresses to be recycled properly.



# Recycling (Cont.)

In 2021, KPB started conducting internal audits on recyclable materials, such as paper, plastic, and cardboard.

With well educated staff, and the appointment based system, we have had more time to discuss what contamination is, how it affects other materials, and the importance of reducing contamination.

Our current contamination rate is 6% which is less than half of the curbside rate in Pearland! **Education is a crucial component of a successful and sustainable recycling program**



# Supplies

KPB has maintained responsibility for purchasing supplies to properly ship hazardous waste per DOT regulations. The purchase of our supplies are primarily from these two vendors:



Due to the impact of COVID-19, a shortage of supplies has been felt nationwide, with hazardous waste supplies being of no exception. This has caused supplies to either have major increases in pricing and/or excessive lead times.

In efforts to cut spending costs, KPB has worked diligently with HHW Solutions to utilize and reuse any hazardous waste supplies that are reusable.

# Program Sustainability

1. Regularly evaluate revenue and funding model
2. Regularly evaluate relationships and partnerships
3. Regularly evaluate operations and processes

**Talk to existing partners and vendors FIRST!**

The recycling industry is ever-evolving. It's important not to become complacent!



# Program Sustainability (Cont.)

Get Engaged! Find industry news and education.

**ICMA**

INTERNATIONAL CITY/COUNTY  
MANAGEMENT ASSOCIATION



Houston-Galveston  
Area Council



# Questions?

THANK YOU!

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