

Scrap Tire Enforcement Program



Javier Job Frutos

Solid Waste Management Department

December 1, 2016

Introduction



Overview of Scrap Tire Challenge

- Over 24 million tires discarded each year in Texas, lots of space, additional tire imports, and an international border;
- Many more scrap tires produced than there are effective end markets for;
- It costs the City of Houston, Solid Waste Management Department approximately **\$1 million annually** to collect and dispose of illegally dumped debris including tires.

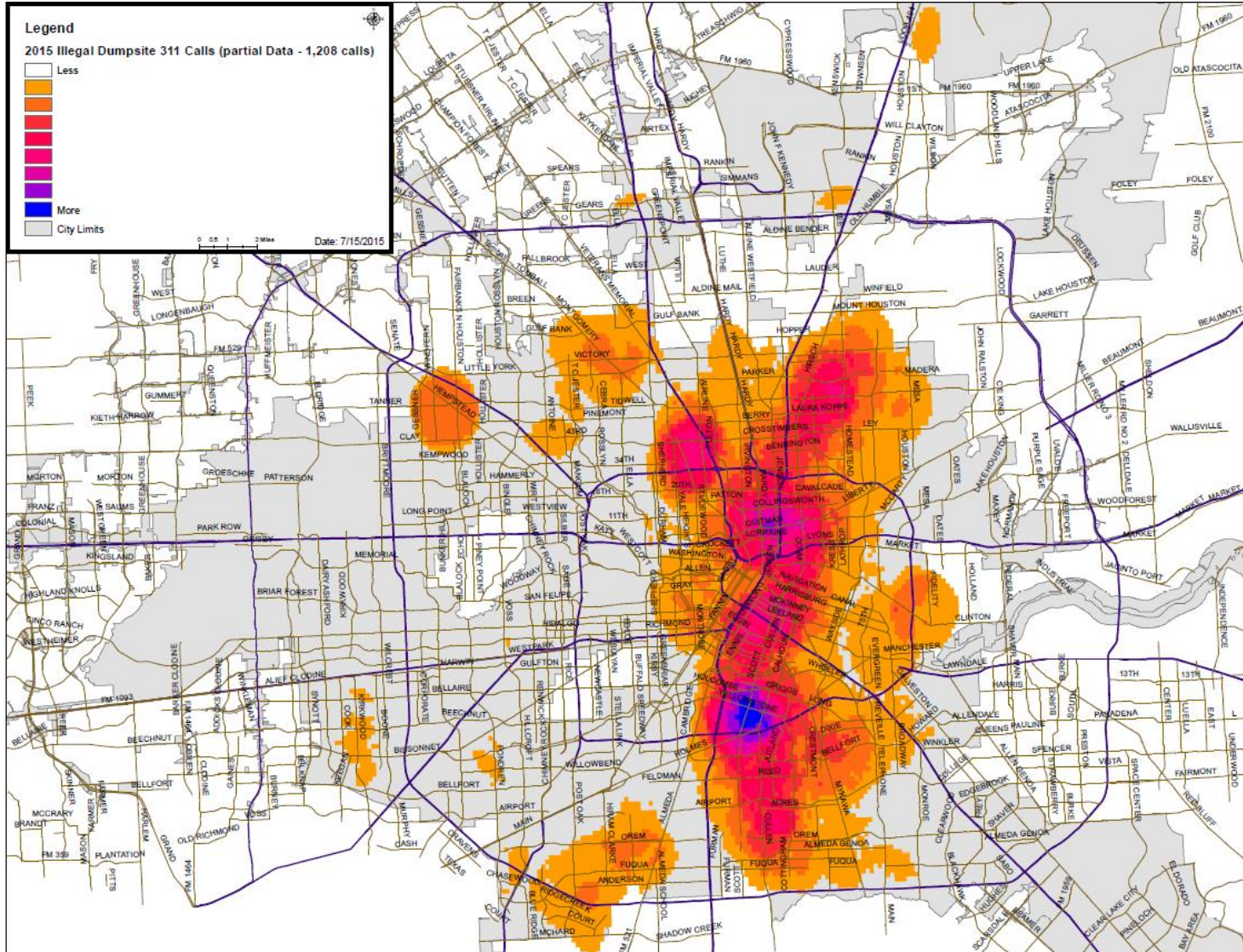


Hazards of Illegally Dumped / Improperly Stored Scrap Tires

- Fire
 - Water does not adequately penetrate/cool
 - Often fires have to “burn themselves out”
- Mosquito & Vector breeding
 - Breeding ground with standing water
 - Snake haven
 - Rat haven
- Pollution
 - Could release hydrocarbons and other contaminants into environment

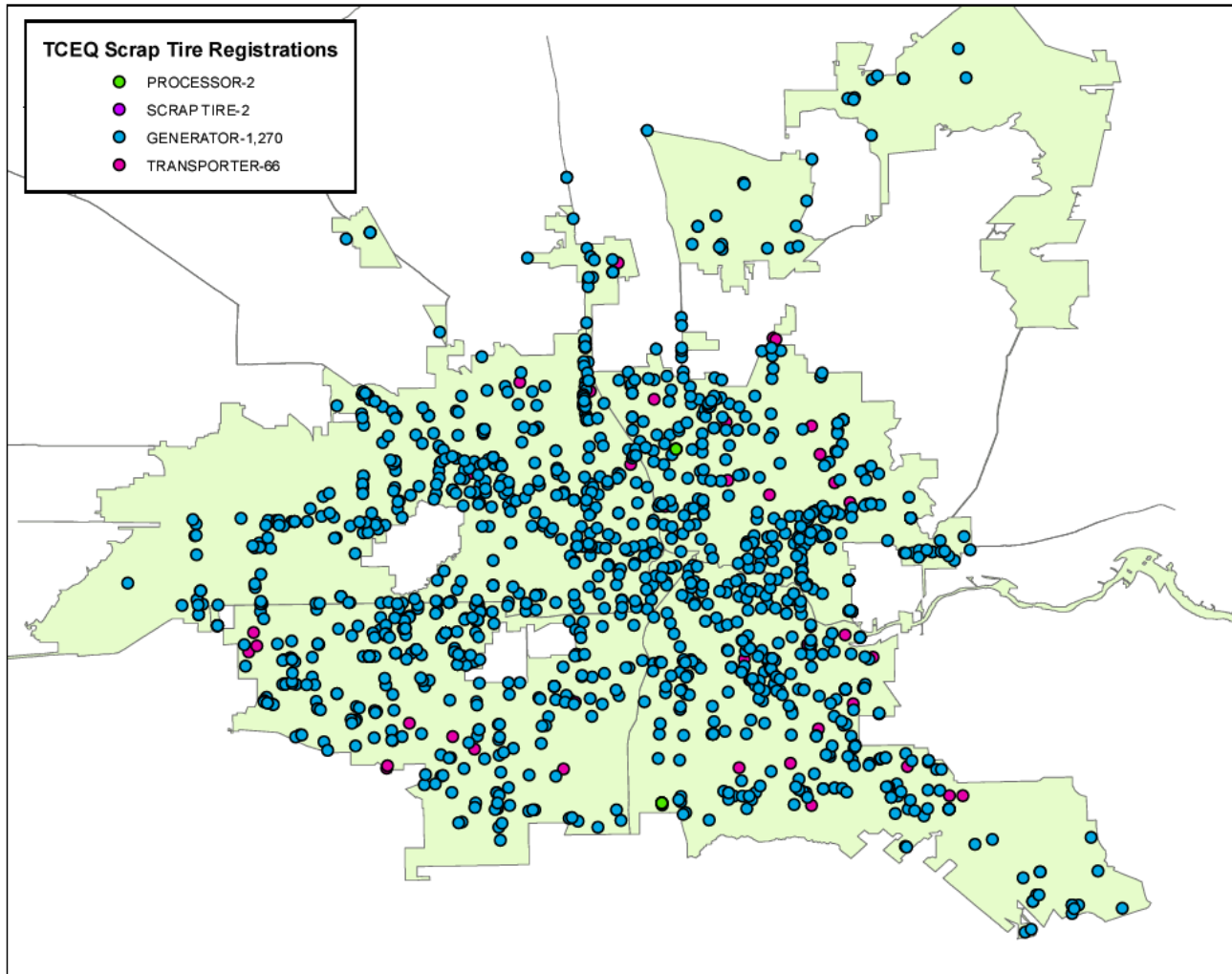


Illegal dumping calls to 311

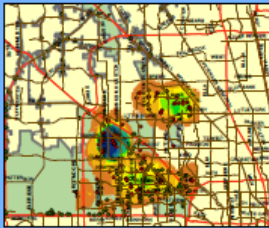


Used/Scrap Tire Entities

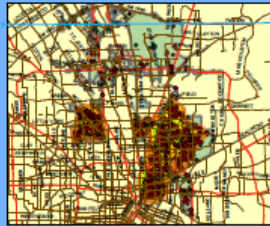
Registered with TCEQ



District A

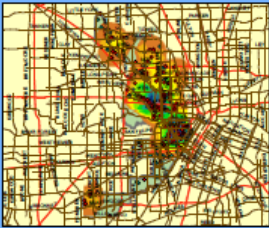


District B

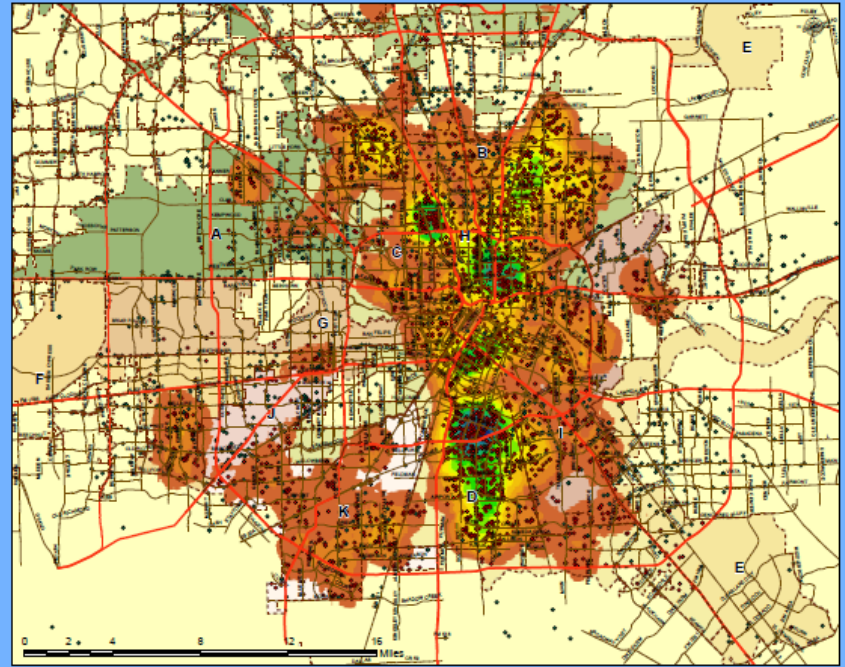
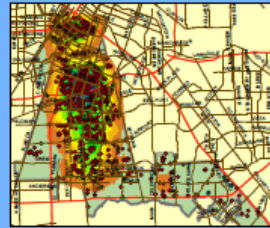


2015 Illegal Dumping Calls by Council District

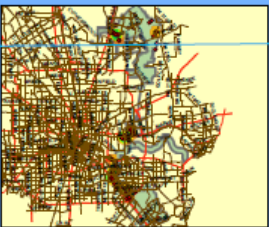
District C



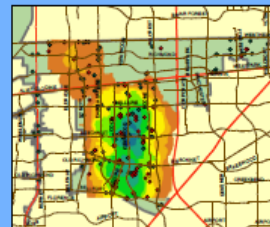
District D



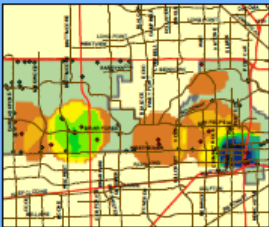
District E



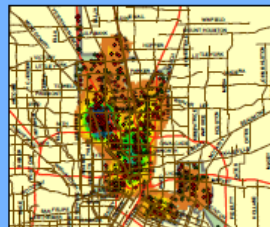
District F



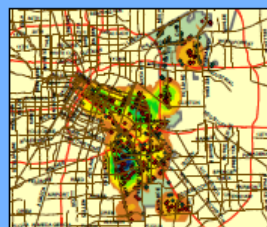
District G



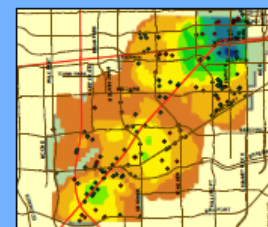
District H



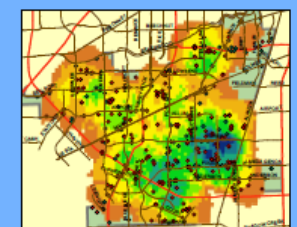
District I



District J



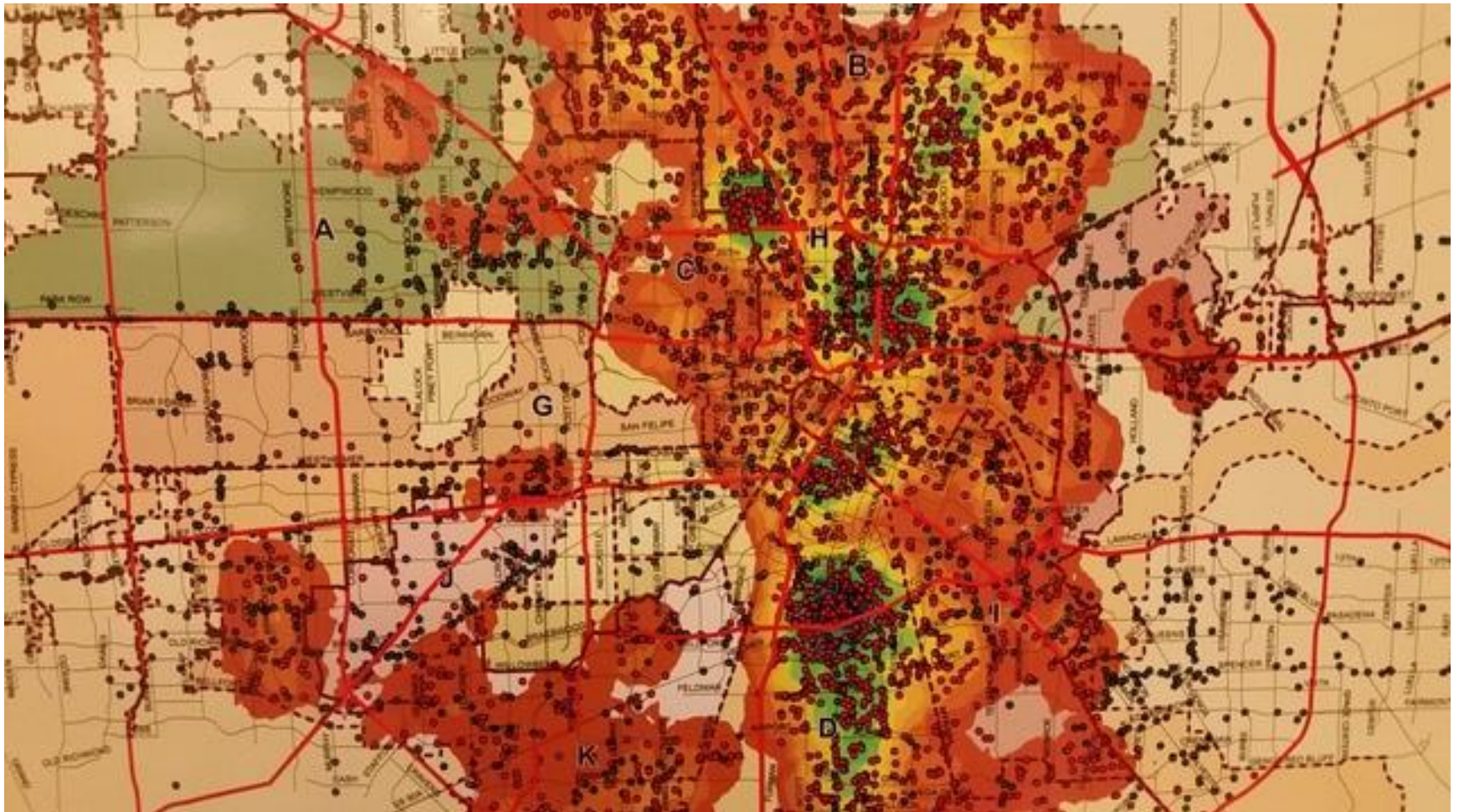
District K



City of Houston
Solid Waste Management Department
Mosquito Zika Abatement Effort



February 2016 Zika Abatement Effort



Zika Abatement

- Began doing neighborhood sweeps on Saturdays, starting February 13, 2016
- Have collected a total of 4,906 tons of illegally dumped material, including 36,608 tires.
- Focused on hitting council districts with highest challenges with illegal dumping.



Stakeholder Engagement

- **Internal: Solid Waste Management, Health and Human Services, Houston Police Department**
 - Met to discuss current practices and policies;
 - Completed paperwork to transfer program to the Solid Waste Department.
- **External: Tire shops and tire transporters**
 - Mailed letters, held meetings, and incorporated feedback into project plan;
 - Canvassed the entire geographic area of Houston to personally visit with each business.



What Did We Learn?

- Visited nearly 4,000 businesses
- Covered ~100% of the City area and ETJ
- Common feedback:
 - Many shops were unaware that the TCEQ has rules regarding scrap tire businesses
 - Lots of tires end up cut-up and put in dumpsters
 - About 70% have complete manifests on hand
- Good actors want to reduce bad actors as much as the City would like to do.

Ordinance Updates

- Moved Chapter 21 Article 7, and created a new Chapter 39 Article 8.
- Enforce locally a state program that does not have adequate resources for enforcement.
- Bring onboard 2-3 staff to administer and inspect.

Implementation: Staff

- Hired three staff members to be inspectors and administrators of program
- Equipped staff with HP Tablets, cell phones and vehicles
- First couple of months on the job:
 - Bring local businesses into compliance,
 - Process applications;
 - Issue permits and registrations

Implementation: Data Management

- Created webpage dedicated to program with electronic applications, FAQs and other information on compliance
- Setup database for inputting information for tracking businesses
- Staff will be able to use tablets in the field to submit application information; inspection notes; and set reminders for follow-up

Implementation: Accounting

- Created a new cost center within the Recycling Revenue fund to cover expenses and receive revenues from program.
- The program is intended to cover the cost of administration, as well as reduce the costs associated with cleaning up illegal dumped tires.

Scrap Tire Program Purpose

- To establish regulations and procedures for the safe transportation, appropriate storage, accurate record-keeping, and proper disposal of used or scrap tires.
- Tire shops can no longer use any transporter to discard their tires.



Language

- **Tire generator** means a fleet operator, an automotive dismantler, or a retailer, wholesaler, manufacturer, recapper, or retreader of new or used tires.
- **Tire transporter** means a person who is responsible for causing tires to move along a public street from one location to another within the city.

Tire Inspector and Administrator Duties

- Conduct inspections on tire business for proper storage, and proper disposal documents and good environmental practices.
- Issue citations, legal warnings, communicate and educate
- Attend court when subpoenaed
- Process applications and payments for each business, mail out and issue permits and decals.
- Respond to any inquires for business.

Verifications and inspections



Specific of Chapter 39

- Open storage of tires prohibited; nuisance
- Tires must be secured, stacked, organized
- Registration required for tire generator
 - For record keeping/documentation purposes
 - **One time \$27.66 admin fee; plus one time registration fee of \$66.27**
 - **Total of \$93.93**
- Permit required for tire transport
 - Name, address, contact information, business occupation, appropriate decals on vehicles
 - **One time \$27.66 admin fee; plus annual fee of \$172.09, this fee includes a set of stickers for 1 vehicle**
 - **\$43.29 per additional truck**
 - **Total \$199.75**
- Tires must be manifested and records will be inspected routinely.

Examples of Violations

- No or improper record keeping
- No or incomplete manifest
- Improper disposal
- Unpermitted transport
- Unregistered facility



Intent of Ordinance

- Permit each tire transporter including the issuance of decals to be displayed on trucks hauling tires within the City limits;
- Register each tire generator annually to allow inspection of their manifest records;
- Increase audit frequency and depth of manifest records kept by both generators and transporters.



Transporter Decal



4"X 4" Side Door Sticker



6"X 4"Front Wind
Shield Sticker

Note: Colors will change every year

Tire Generator Registration Certificate

Houston Tire Generator Registration

This registration is issued pursuant to the City of Houston Code of Ordinances, Chapter 39, Article VIII relating to the Storage, Transportation, and Disposal of Tires.

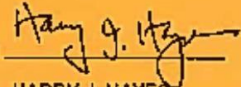
Registration No.: NW-0130

Applicant's Business: Frutos Tire Shop

Applicant's Legal Name: Javier J. Frutos

Business Address: 4508 Smith Street, Houston, Texas 77074

Expiration Date: 10/31/2017

Approved By: 

HARRY J. HAYES

SOLID WASTE DIRECTOR

This is a true and accurate copy of the generator registration executed on October 29, 2016 by the Solid Waste Management Department.

This receipt evidences that the person(s), firm, or corporation named herein has submitted the registration application and paid the applicable fee required by the City code through the expiration date indicated above. This receipt evidences that the business has received a copy of the requirements of a Tire Generator under this registration. This receipt shall not be construed as authorizing the conduct or continuance of any illegal or unlawful operation in violation of any City Ordinance relating thereto, of any City Ordinance relating thereto.

Affirmative Defense



- Hauling five or fewer tires at any one time
- Utilizing a scrap tire in a reuse or repurpose manner consistent with an alternate use such as, but not limited to, a swing, planter, stabilizing platform for sports equipment, etc.



Registered Generators/Transporters

Total estimated Generators	1800 plus
Generator Applications	508
Transporter Applications	108
Total Completed Applications	616

Inspections	511
Re-inspections	102

Complaints filtered by:

- 311
- SWD Works/SWD Director's Office
- Department of Neighborhoods
- City Council Office
- Mayor's Office



Example of a Complaint



End Result



- No more mosquitoes, rats, snakes
- A healthy pollution free running path
- No more eye sore

Contact Us

Javier Job Frutos
Inspector and Administrator
Cell: 832-350-4535
Javier.frutos@houstontx.gov

Scrap Tire Program
Help line: 832-393-0460
Email: tires@houstontx.gov
Website: <http://www.houstontx.gov/scraptires/>

Thank you!

Questions?