



Should Gas Stations Be Inspected for Hazardous Waste?

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Why We Chose to Inspect:



Historically Left to the Tanks Program to Regulate



From These, We Know They Generate at Least Some Hazardous Wastes – PCW, Fuel Filters, Spill Media, etc.



Address Issues Seen During Tanks Inspections



Educate



Provide Compliance Assistance

In Numbers:

Large Number of
Uninspected Facilities

7,400-7,500 Gas
Stations in Florida

400+ in Duval County

The screenshot shows the Florida Department of Environmental Protection (DEP) website. The main navigation bar includes links for 'About DEP', 'How Do I...', 'Divisions', 'Air', 'Lands', 'Parks & Rec', 'Waste', and 'Water'. A search bar is visible on the right. The page title is 'Storage Tank Compliance'. Below the title, there is a breadcrumb trail: 'Home > Divisions > Division of Waste Management > Permits and Compliance Assistance Program > Storage Tank Compliance'. The main content area is divided into two columns. The left column contains a 'Permitting and Compliance Assistance Program Quick Links' sidebar with links for 'Permitting and Compliance Assistance Program (PCAP)', 'PCAP Contact List', 'Grease Waste', 'Financial Assurance', 'Hazardous Waste Management', 'Solid Waste Section', 'Storage Tank Compliance', and 'Waste Reduction'. The right column contains the main text: 'Storage Tank Compliance is part of the Permitting and Compliance Assistance Program in the Florida Department of Environmental Protection's Division of Waste Management. In 1983, Florida was one of the first states to pass legislation and adopt rules for underground and aboveground storage tank systems (USTs and ASTs). The state of Florida currently has close to 24,000 regulated storage tank facilities, and storage tank compliance inspectors conducted more than 11,000 inspections in 2021.' Below this text is a list of six numbered links: 1. Storage Tank Compliance Webcasts, 2. Outreach, 3. USTs, 4. EPA Energy Policy Act Reports, 5. Areas of Interest, and 6. Storage Tank Compliance Contacts. At the bottom of the page, there is a section titled 'Storage Tank Compliance Webpages' with a link: 'Storage Tank System Rules, forms and Reference Guidelines - Where to find requirements for regulated storage tank systems.'

How We Found Them:

- <https://floridadep.gov/waste/storage-tank-compliance>
- Storage Tank Facility Registration at Bottom of Page
- Tank Facilities All Locations and Owner Information at Bottom Again
- Select By County
- Export As Excel Spreadsheet

Tank Facility - All Location and Owner Information

This report identifies the facilities registered with the department and tracked for active storage tanks, storage tank history or petroleum cleanup activity. Information includes: facility identification number, site location information and owner information. In the case of closed facilities - where all tanks have been removed or closed, and there is also no petroleum discharge or ongoing cleanup activity - the owner data may not be current, but would represent the most recent information made available to the department. Data is taken from the Storage Tank and Contamination Monitoring (STCM) database.

Select the County and Click Submit.

County:

Tank Facility - All Location and Owner Information

Report Run Date: 05/21/2023

You selected the following criteria:
 County = DUVAL
 Number of Records Retrieved: 3297

[Export](#)

COUNTY	FAC ID	FAC NAME	FAC ADDR	FAC CITY	FAC ZIP	FAC PHONE	FAC STATE	FAC TYPE	TYPE DESC	DEP CO	OWN ID	OWN NAME	
10	8100190	EXXON 101RD ST	7200 101RD ST	JACKSONVILLE	32210	904908188	OPEN	A	Retail Station	P	14031	MAYERNA INC	7
10	8100191	SHELL-FIRST COAST ENERGY #3031	7000 101RD ST	JACKSONVILLE	32210	9041963200	CLOSED	A	Retail Station	P	41875	FIRST COAST ENERGY LLP	684
10	8100193	GATE #1424	406 ATLANTIC BLVD	NEPTUNE BEACH	32206	9044482933	CLOSED	A	Retail Station	P	8149	GATE PETROLEUM CO	95
10	8100194	GATE #1430	1633 UNIVERSITY BLVD N	JACKSONVILLE	32211	9047377230	CLOSED	A	Retail Station	P	8149	GATE PETROLEUM CO	95
10	8100195	GATE #1431	1046 FT CAROLINE RD	JACKSONVILLE	32223	9044482998	CLOSED	A	Retail Station	P	8149	GATE PETROLEUM CO	95
10	8100196	PRIME STOP FOOD STORE #1001	1391 LAKE FOREST BLVD	JACKSONVILLE	32208	9047654378	OPEN	A	Retail Station	P	58183	Z Aidan Zaidan	FC
10	8100197	319 S 1RD ST LLC	319 1RD ST S	JACKSONVILLE BEACH	32216	9044487033	CLOSED	A	Retail Station	P	70196	319 S 1RD ST LLC	1 V
10	8100198	GATE #1433	1305 CASSAT AVE	JACKSONVILLE	32209	9047377230	CLOSED	A	Retail Station	P	8149	GATE PETROLEUM CO	95
10	8100199	UNION 76 #9207-263	3921 UNIVERSITY BLVD W	JACKSONVILLE	32216	9047376486	CLOSED	A	Retail Station	P	22094	UNOCAL CORP	38E P
10	8100200	UNION 76-PERRY'S	3973 HENDRICKS AVE	JACKSONVILLE	32207		CLOSED	A	Retail Station	P	16862	PERRY'S UNION 76	387
10	8100202	A&N GARBAGE CO	10417 BEACH BLVD	JACKSONVILLE	32216	9040411111	CLOSED	C	Fuel user Non-retail	P	1779	BEEZBOLD, KEITH	1
10	8100206	LANE LAND TRUST	7073 12TH ST W	JACKSONVILLE	32220	9047990302	CLOSED	C	Fuel user Non-retail	P	60035	LANE LAND TRUST	33
10	8100209	SOUTHEASTERN	3333 EDGEWOOD	JACKSONVILLE	32203	9047987000	OPEN	C	Fuel user Non-	P	20237	SOUTHEASTERN	P

Sort by Facility Status – Delete Abandoned/Closed Facilities

Sort by Type Description – Delete Agricultural, Bulk Storage, Fuel User/Non-Retail, etc.

Leave Only Retail Facilities

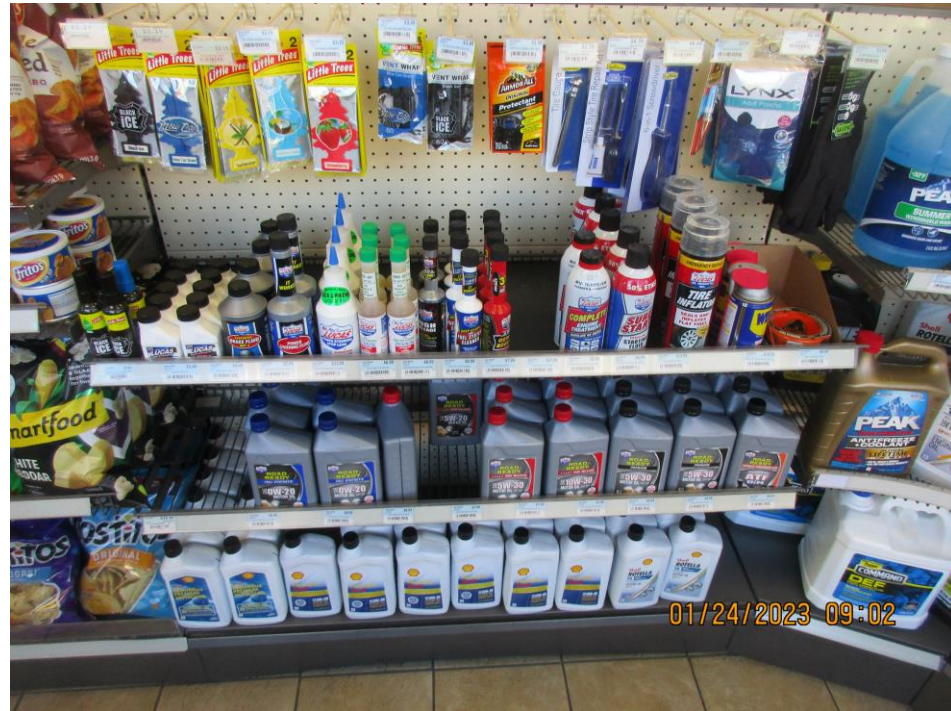
Now You Can Search By Owner, Location, etc. to Plan Inspections

Spreadsheet Also Contains Company Info, Contact Person, & Phone Numbers. Note: This information may not be current

Coordinate with Tanks Program. May have the most up-to-date contact information

Potential Waste Streams

STORE SIDE WASTES



FUEL SIDE WASTES



Store Side Wastes

POTENTIAL WASTES

Aerosols

Oils, Antifreeze, Washer Fluids

Cleaning Chemicals

OTC Medications

Vapes

Fluorescent Bulbs

HOW ARE DAMAGED/EXPIRED PRODUCTS MANAGED?

Items Returned to Distributor for Credit?

Spill Management Plan?

Corporate Management Plan?

Store Management Plan?

Fuel Side Wastes

POTENTIAL WASTES

Used Fuel Filters

Waste Gasoline Drained from Filters

PCW

Absorbent Materials

Shop Rags from Cleaning Dispensers

HOW ARE WASTES MANAGED?

Some Are Non-Hazardous if Properly Managed
– Recycled, Sent for Fuel Recovery, etc.

Hazardous Waste Determinations?

Are Accurate Records Maintained?

Combined With Other Stores or Individual?

Spill Plan

- Are Spill Kits On-Site?
- How Are Used Absorbents Stored?
- Reportable Spills (>25 Gallons)
 - Report to State Watch Office
 - Used Absorbents Exempt from Counting Towards Generator Status
 - Must Maintain Documentation on Reported Discharge
- Non-Reportable Spills (<25 Gallons)
 - If <25 but >10 Gallons in Duval County, Must Report to COJ Emergency Response
 - Must Manage as Hazardous Waste



Car Washes

- What Detergents Are Used?
- Oil/Water Separator or Recirculation System?
- Who Services and How Are Wastes Managed?



Service Stations

Not Very Common

May See at Loves/Pilots or Other Locations
that Cater to Truckers

May Also Have Mobile Mechanics

General Automotive Repair Wastes – Used Oil,
Used Antifreeze, Spent Lead-Acid Batteries,
etc.

May Be Independently Owned/Operated



Problems

Finding the Correct Corporate Contact

Different Levels of Knowledge Between Store and Corporate

Hazardous Waste Determinations

Disposal Records



Conclusions

We Should Be Inspecting Gas Stations

Many Potential Waste Streams from an Unregulated Industry

Lots of Education and Compliance Assistance Needed





More to Come at the Florida NAHMMA
Workshop!

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