

# **Parramore, Orlando Community Report Environmental Health Concerns Fossil Fuel Burden**



## **Central Florida Florida Disaster Resilience Initiative Phase 1 Stage 2 2019**



These materials were developed by Health Initiatives Foundation, Inc. in 2019. Surveys were conducted under the auspices of Health Initiatives Foundation, Inc.'s Florida Disaster Resilience Initiative, with funding from The Miami Foundation.

## Environmental Health Concerns

Some of the neighborhoods in Parramore have the worst air quality, and highest traffic volume in the US. Other environmental hazards include Superfund sites and facilities required to file Risk Management Plans. Table 1 summarizes elevated environmental indicators. There are also many homes constructed prior to the 1960's, which appear in the table below as the lead paint indicator.<sup>1</sup> Note that homes of this age are particularly vulnerable to wind damage, as they were constructed prior to changes in Florida's building code that were designed to make homes better able to withstand hurricanes.

**Table 1. Percentile in the US for Environmental Indicators**

Indicator	Census Block Group							
	104001	104002	105001	105002	189001	189002	189003	189004
<b>NATA Diesel Particulate Matter (ug/m3)*</b>	90-95th Percentile in US	90-95th Percentile in US	90-95th Percentile in US	90-95th Percentile in US	95-100th Percentile in US	95-100th Percentile in US	95-100th Percentile in US	95-100th Percentile in US
<b>NATA Air Toxics Cancer Risk (risk per MM)*</b>	90-95th Percentile in US	90-95th Percentile in US	90-95th Percentile in US	90-95th Percentile in US	95-100th Percentile in US	95-100th Percentile in US	95-100th Percentile in US	95-100th Percentile in US
<b>NATA Respiratory Hazard Index*</b>	90-95th Percentile in US	90-95th Percentile in US	90-95th Percentile in US	90-95th Percentile in US	90-95th Percentile in US	90-95th Percentile in US	90-95th Percentile in US	90-95th Percentile in US
<b>Traffic Proximity and Volume (daily traffic count/distance to road)</b>	99th Percentile in US	97th Percentile in US	97th Percentile in US	96th Percentile in US	83th Percentile in US	70th Percentile in US	87th Percentile in US	98th Percentile in US
<b>Lead Paint Indicator (% pre-1960s housing)</b>	99th Percentile in US	63rd Percentile in US	69th Percentile in US	73rd Percentile in US	61st Percentile in US	69th Percentile in US	52nd Percentile in US	34th Percentile in US
<b>Superfund Proximity (site count/km distance)</b>	84th Percentile in US	85th Percentile in US	86th Percentile in US	86th Percentile in US	90th Percentile in US	89th Percentile in US	87th Percentile in US	89th Percentile in US
<b>Proximity to facilities w Required Risk Management Plans (facility count/km distance)</b>	88th Percentile in US	85th Percentile in US	87th Percentile in US	85th Percentile in US	90th Percentile in US	89th Percentile in US	89th Percentile in US	93rd Percentile in US

\*The National-Scale Air Toxics Assessment (NATA) is EPA's ongoing, comprehensive evaluation of air toxics in the United States. EPA developed the NATA to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that NATA provides broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. More information on the NATA analysis can be found at: <https://www.epa.gov/national-air-toxics-assessment>.

<sup>1</sup> EPA EJSCREEN: Environmental Justice Screening and Mapping Tool <<https://www.epa.gov/ejscreen>>



## Superfund Site

Parramore has an active Orlando Gasification Plant Superfund site at [400-600 W Robinson St.](#) The Site Milestones are reported in Table 2.<sup>2</sup> The [April 2019 update](#) on the Superfund Site documents on-going cleanup operations.

**Table 2. Orlando Gasification Plant Site Cleanup Milestones<sup>3</sup>**

<b>Milestone</b>	<b>Date(s)</b>
Initial Assessment Completed	10/19/1989
Proposed to the National Priorities List	Not Applicable
Finalized on the National Priorities List	Not Applicable
Remedial Investigation Started	09/30/2003
Remedy Selected	09/25/2013
Remedial Action Started	09/25/2018
Construction Completed	Not Yet Achieved
Deleted from National Priorities List	Not Applicable
Most Recent Five-Year Review	Not Yet Achieved
Site Ready for Reuse and Redevelopment	Not Yet Achieved

The Soccer Stadium is still reported on the Florida Department of Environmental Protection(FDEP) Brownfields Contamination Map<sup>4</sup>, although it received its letter from the FDEP stating that, “no Arsenic, Barium and Petroleum soil contamination above the Soil Cleanup Target Levels listed in Rule 62-777 F.A.C. remain onsite.”<sup>5</sup>

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<sup>2</sup> EPA Superfund Site

<<https://cumulis.epa.gov/supercpad/SiteProfiles/index.cfm?fuseaction=second.Cleanup&id=0405159#bkgroundCommunity>>

<sup>3</sup> EPA Superfund Site

<<https://cumulis.epa.gov/supercpad/SiteProfiles/index.cfm?fuseaction=second.schedule&id=0405159>>

<sup>4</sup> Florida Department of Environmental Protection Contamination Locator Map.

<<http://prodenv.dep.state.fl.us/DepClnup/welcome.do>>

<sup>5</sup> Florida Department of Environmental Protection. Florida Brownfields Area and Site Documentation.

<<https://floridadep.gov/waste/waste-cleanup/content/florida-brownfields-area-and-site-documentation>>



Active Brownfield Sites in Parramore are at the locations listed in Table 3.

**Table 3. Florida Brownfields Area and Site Documentation**

Brownfield Area ID	Brownfield Area Name	Brownfield Site ID	Site Name
<a href="#">BF480401000</a>	DEEDS Orlando Expanded	<a href="#">BF480401009</a>	Proposed Fire Station No. 2
		<a href="#">BF480401001</a>	Orlando Events Center
<a href="#">BF480202000</a>	DEEDS Orlando	<a href="#">BF480401007</a>	Creative Digital Village

### Contaminated Sites

The current Florida Department of Environmental Protection Contamination Locator Map<sup>6</sup> for Parramore shows four (4) Brownfield sites, which includes the Soccer Stadium addressed above; 18 Active Petroleum Cleanup sites, six (6) Pending Petroleum Cleanup Sites, and 10 Active Other Waste Cleanup Sites, and three (3) Pending Other Waste Cleanup Sites. The “Other Waste Cleanup Site” category includes:

Dry Cleaning: Sites contaminated with dry cleaning solvents that are eligible to be cleaned up by the DEP

Responsible Party: Sites that will be cleaned up by the party responsible for the contamination or by a party that did not cause the contamination but has accepted responsibility for cleanup

State Funded: Sites that will be cleaned up by the DEP because there is no party identified that is responsible for the contamination or able to clean it up

State-Owned Lands Cleanup: Sites on state properties (such as state parks or state-owned buildings) that will be cleaned up by the DEP

<sup>6</sup> Florida Department of Environmental Protection Contamination Locator Map  
<<http://prodenv.dep.state.fl.us/DepClnup/viewmap.do>>



Hazardous Waste: Sites at regulated hazardous waste facilities that will be cleaned up by the facility owner or operator in accordance with the federal hazardous waste program.

These are the Active and Pending Cleanup Sites that are listed on the Florida Department of Environmental Protection's Contamination Locator Map on May 7, 2019.<sup>7</sup> Documentation of site status can be accessed by clicking through the active links.

#### Active Petroleum Cleanup (18)

1. **AIRPORT LIMOUSINE OF ORLANDO** at 426 W GORE ST; Facility Id: 9100102  
[Watch This Site](#)      [Documents](#)
2. **ALLEYNE LLC** at 843 S ORANGE BLOSSOM TRL; Facility Id: 8512654  
[Watch This Site](#)      [Documents](#)
3. **AUTO MACHINE & PARTS CO** at 1007 W CENTRAL BLVD; Facility Id: 9200561  
[Watch This Site](#)      [Documents](#)
4. **AUTO MACHINE PARTS CO** at 1011 W CENTRAL BLVD; ORLANDO, FL 32805  
Facility Id: 9200428      [Watch This Site](#)      [Documents](#)
5. **CENTRAL FL REGIONAL TRANSPORTATION AUTH** at 1250 W SOUTH ST  
Facility Id: 8944988      [Watch This Site](#)      [Documents](#)
6. **CITGO-EXPRESSWAY #230** at 520 S ORANGE BLOSSOM TRL; Facility Id: 9401281  
[Watch This Site](#)      [Documents](#)
7. **COMFORT INN DOWNTOWN** at 720 S ORANGE BLOSSOM TRL; Facility Id: 8513475  
[Watch This Site](#)      [Documents](#)
8. **DEEBS RENTALS** at 222 N PARRAMORE AVE; Facility Id: 9501884  
[Watch This Site](#)      [Documents](#)
9. **DISCOUNT AUTO CENTER & MUFFLER SHOP** at 127 S ORANGE BLOSSOM TRL;  
Facility Id: 9401095      [Watch This Site](#)      [Documents](#)
10. **FL DEPT OF TRANSPORTATION ROW- PARCELS 110 & 111** at FDOT RIGHT OF  
WAY PARCELS 110 & 111; Facility Id: 9807759      [Watch This Site](#)      [Documents](#)
11. **N I B INVESTMENT INC** at 1335 W WASHINGTON ST A-4; Facility Id: 8945359  
[Watch This Site](#)      [Documents](#)
12. **PRECISION TIRE** at 1226 W JEFFERSON ST; Facility Id: 9101221  
[Watch This Site](#)      [Documents](#)
13. **SUN CITY INVESTMENTS INC** at 1035 W ROBINSON ST; Facility Id: 9064011  
[Watch This Site](#)      [Documents](#)
14. **SUPERIOR EXHAUST-DISCOUNT MUFFLERS** at 504 S ORANGE BLOSSOM TRL;  
Facility Id: 8513463      [Watch This Site](#)      [Documents](#)

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<sup>7</sup> Florida Department of Environmental Protection Contamination Locator Map  
<<http://prodenv.dep.state.fl.us/DepClnup/welcome.do>>



15. **TEXACO** at 327 S ORANGE BLOSSOM TR; Facility Id: 9800426  
[Watch This Site](#)      [Documents](#)
16. **U S G CORP** at 639 W ROBINSON ST; Facility Id: 9501494  
[Watch This Site](#)      [Documents](#)
17. **UNION 76 #9313-812** at 595 W CHURCH ST; Facility Id: 8513548  
[Watch This Site](#)      [Documents](#)
18. **UNION 76-PERSAD** at 707 S ORANGE BLOSSOM TRL; Facility Id: 8735162  
[Watch This Site](#)      [Documents](#)

**Pending Petroleum Cleanup (6)**

1. **7-ELEVEN FOOD STORE #25295** at 901 S ORANGE BLOSSOM TRL; Facility Id: 8521796      [Watch This Site](#)      [Documents](#)
2. **AIR LIQUIDE AMERICA CORP** at 216 S NORTON AVE; Facility Id: 8627306  
[Watch This Site](#)      [Documents](#)
3. **FINA-SOUTH STREET** at 315 S ORANGE BLOSSOM TRL; Facility Id: 8837905  
[Watch This Site](#)      [Documents](#)
4. **FLAV O RICH INC** at 430 S ORANGE BLOSSOM TRL; Facility Id: 8627802  
[Watch This Site](#)      [Documents](#)
5. **NORTHRUP & SHEEDER PROPERTY** at 1107 W PINE ST; Facility Id: 9103503  
[Watch This Site](#)      [Documents](#)
6. **ORLANDO CITY-FLEET MAINTENANCE** at 1000 W GORE ST; Facility Id: 8521538  
[Watch This Site](#)      [Documents](#)

**Active Other Waste Cleanup (10)**

1. **\*CITY SOCCER SITE - METALS AND PESTICIDE CONTAMINATION** at 618 W CHURCH ST; Facility Id: COM\_344114      [Watch This Site](#)      [Documents](#)
2. **\*DOWNTOWN EVENTS CENTER/ CITY OF ORLANDO (BF)** at 3 BLOCK AREA FROM JACKSON TO HUGHEY PL; Facility Id: COM\_273675  
[Watch This Site](#)      [Documents](#)
3. **ASSOCIATED UNIFORM RENTAL AKA WATER RECYCLING** at 35 N. PARRAMORE AVE; Facility Id: COM\_134180      [Watch This Site](#)      [Documents](#)
4. **CARQUEST PARRAMORE** at 16 N PARRAMORE AVE; Facility Id: COM\_316791  
[Watch This Site](#)      [Documents](#)
5. **First Class Cleaners Inc** at 223 N Orange Blossom Trl; Facility Id: ERIC\_5048  
[Watch This Site](#)      [Documents](#)
6. **ORLANDO GASIFICATION PLANT (FORMER) (EPA)** at 600 W ROBINSON ST  
Facility Id: COM\_241803      [Watch This Site](#)      [Documents](#)
7. **STREAMLINE CLEANERS I-4/SOUTH STREET CONTAMINATION PLUME** at NEAR SOUTH STREET AND GARLAND AVE; Facility Id: COM\_299503      [Watch This Site](#)      [Documents](#)







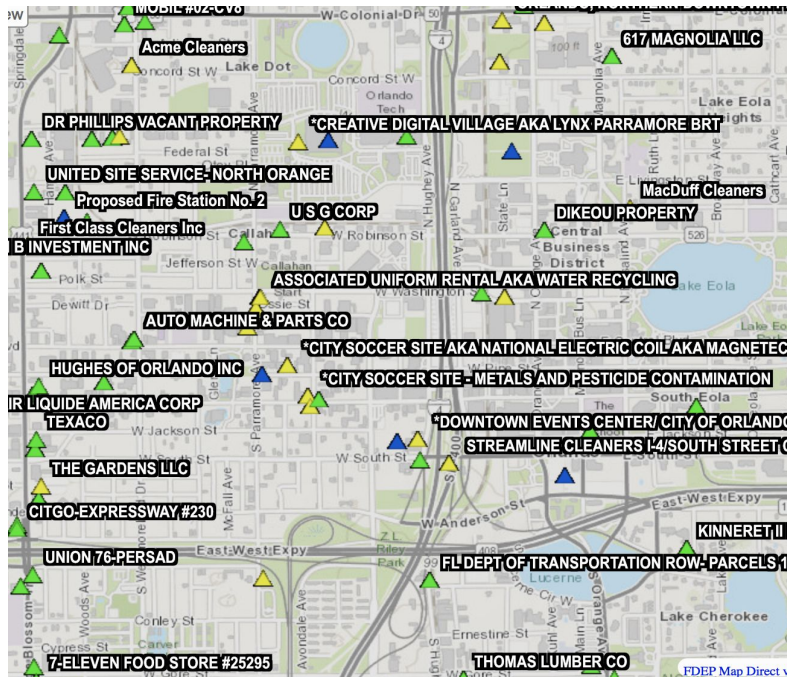
8. **Sys Supermarket & Coin Laundry** at 600 W Church St; Facility Id: ERIC\_5060  
[Watch This Site](#)    [Documents](#)
9. **THE GARDENS LLC** at 492 SOUTH ORANGE BLOSSOM TRAIL; Facility Id: COM\_359842  
[Watch This Site](#)    [Documents](#)
10. **Water Recycling Inc** at 35 N Parramore Ave; Facility Id: ERIC\_5046  
[Watch This Site](#)    [Documents](#)

**Pending Other Waste Cleanup (3)**

1. **GREEN PARROT LOUNGE** at 713 S PARRAMORE AVE; Facility Id: COM\_157083  
[Watch This Site](#)    [Documents](#)
2. **HUGHES OF ORLANDO INC** at 103 S ORANGE BLOSSOM TRL; Facility Id: 9046134  
[Watch This Site](#)    [Documents](#)
3. **HUGHEY AVE & SOUTH ST** at ROADWAY AT HUGHEY & SOUTH; Facility Id: 9810753  
[Watch This Site](#)    [Documents](#)

**Map 1. Contamination Locator Map<sup>8</sup>** (Note that the Eastern border of Parramore is I-4. The map extends to the East to accommodate site labels.)

Cleanup types:  Brownfields     Petroleum     Superfund     Other Waste Cleanup



<sup>8</sup> Florida Department of Environmental Protection Contamination Locator Map  
<http://prodenv.dep.state.fl.us/DepClnup/welcome.do>

