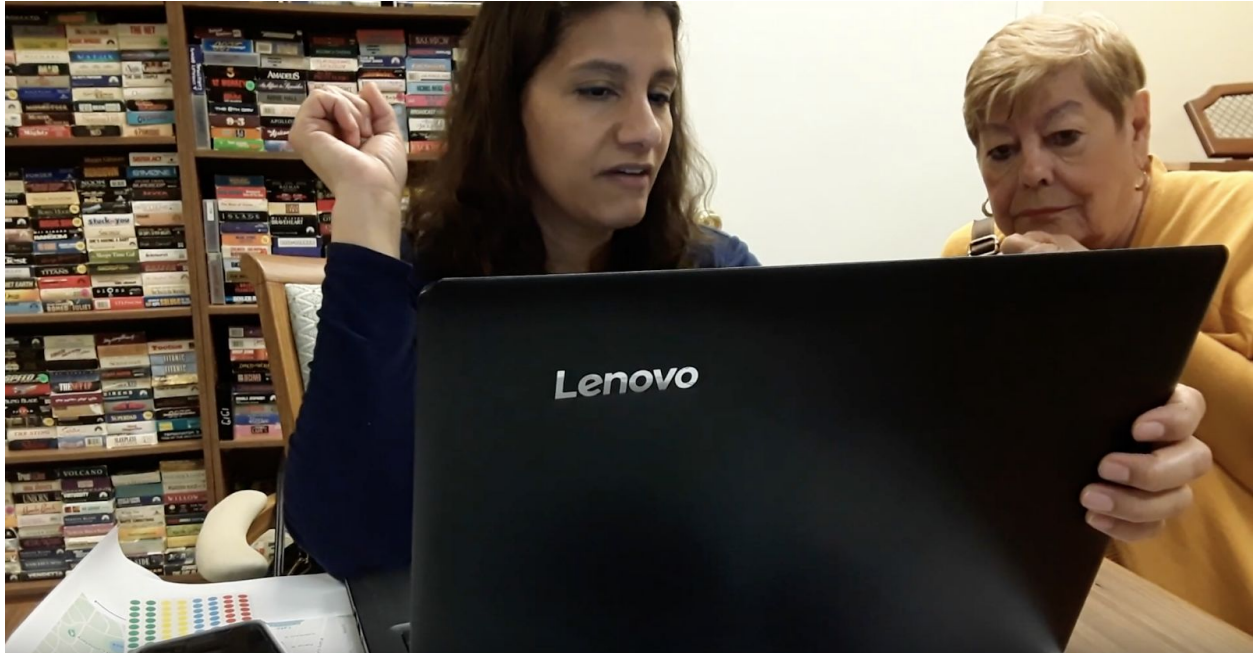


Azalea Park Community Report Environmental Health



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

There are many homes constructed prior to the 1960's in the two Census Block Groups in Azalea Park, which appear in the table below as the lead paint indicator rankings in Census Blocks 0132011 (73rd percentile in the US) and 0132021 (69th percentile in the US).¹ 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. Some of the Air Quality Indicators are among the highest in the nation. The highest percentile rankings for Air Quality, indicating the most air pollutants, are in Census Blocks **0135101** and **0135121** in the Ventura and Lake Frederica area between Azales Park and Conway. The NATA Respiratory Hazard Index is in the 95th to 100th percentile in the US in this area. These Census Blocks also have elevated NATA Diesel Particulate Matter and NATA Air Toxics Cancer Risk. As a group, all Census Blocks below have elevated Air Quality indicators that range from the 60th percentile to the 100th percentile in the country. The Superfund Proximity Indicator is in the 82nd and 83rd percentiles in the Azalea Park Census Block Groups in Azalea Park.

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



Table 1. Percentile in the US for Environmental Indicators

Indicator	I----- Census Block Group -----I						
	0132011	0132021	0135101	0135121	0165081	0167091	0167171
NATA Diesel Particulate Matter (ug/m3)	80-90th Percentile in US	80-90th Percentile in US	90-95th Percentile in US	80-90th Percentile in US	60-70th Percentile in US	70-80th Percentile in US	70-80th Percentile in US
NATA Air Toxics Cancer Risk (risk per MM)	70-80th Percentile in US	70-80th Percentile in US	80-90th Percentile in US	80-90th Percentile in US	60-70th Percentile in US	70-80th Percentile in US	60-70th Percentile in US
NATA Respiratory Hazard Index	80-90th Percentile in US	80-90th Percentile in US	95-100th Percentile in US	95-100th Percentile in US	70-80th Percentile in US	90-95th Percentile in US	70-80th Percentile in US
Traffic Proximity and Volume (daily traffic count/distance to road)	95th Percentile in US	94th Percentile in US	92nd Percentile in US	82nd Percentile in US	67th Percentile in US	15th Percentile in US	65th Percentile in US
Lead Paint Indicator (% pre-1960s housing)	73rd Percentile in US	69th Percentile in US	10th Percentile in US	11th Percentile in US	26th Percentile in US	10th Percentile in US	13th Percentile in US
Superfund Proximity (site count/km distance)	82nd Percentile in US	83rd Percentile in US	72nd Percentile in US	65th Percentile in US	70th Percentile in US	68th Percentile in US	70th Percentile in US
Proximity to facilities w Required Risk Management Plans (facility count/km distance)	79th Percentile in US	79th Percentile in US	68th Percentile in US	60th Percentile in US	76th Percentile in US	67th Percentile in US	85th 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>.



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Superfund Site

The [City Industries, Inc. Orlando, FL Superfund Site](#) at 3920 FORSYTH RD ORLANDO, FL 32807 in Winter Park is slightly less than 5 miles NE of Christ the King Episcopalian Church.

Contaminated Sites

The current Florida Department of Environmental Protection Contamination Locator Map² for Azalea Park shows 10 Active Petroleum Cleanup sites, 1 Pending Petroleum Cleanup Site, and 1 Pending Other Waste Cleanup Site. The “Other Waste Cleanup Site” category includes:

Drycleaning: Sites contaminated with drycleaning 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

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 18, 2019.³ Documentation of site status can be accessed by clicking through the active links.

Active Petroleum Cleanup

- **7-ELEVEN FOOD STORE #10005** at **7326 LAKE UNDERHILL RD, ORLANDO, FL 32822**, Facility Id: 8512571 [Watch This Site](#) [Documents](#)

² Florida Department of Environmental Protection Contamination Locator Map
<<http://prodenv.dep.state.fl.us/DepClnup/viewmap.do>>

³ Florida Department of Environmental Protection Contamination Locator Map
<<http://prodenv.dep.state.fl.us/DepClnup/welcome.do>>



- CITGO-BIG SAMMYS at 6300 E COLONIAL DR, ORLANDO, FL 32807, Facility Id: 8512609 [Watch This Site](#) [Documents](#)
- CITGO-SEMORAN #242 at 537 N SEMORAN BLVD, ORLANDO, FL 32807, Facility Id: 8627965 [Watch This Site](#) [Documents](#)
- CUMBERLAND FARMS #0973 at 7219 CURRY FORD RD, ORLANDO, FL 32822, Facility Id: 8512808 [Watch This Site](#) [Documents](#)
- GREENS FUEL OIL at 186 N GOLDENROD RD, ORLANDO, FL 32807, Facility Id: 8627538 [Watch This Site](#) [Documents](#)
- MARATHON-FORSYTH #782 at 6974 E COLONIAL DR, ORLANDO, FL 32807, Facility Id: 8521889 [Watch This Site](#) [Documents](#)
- MAXIM CRANE WORKS LP at 170 N GOLDENROD RD, ORLANDO, FL 32807, Facility Id: 9103080 [Watch This Site](#) [Documents](#)
- MCINERNEY FORD at 5700 E COLONIAL DR, ORLANDO, FL 32807, Facility Id: 8628016 [Watch This Site](#) [Documents](#)
- SEMORAN MARATHON at 1 N SEMORAN BLVD, ORLANDO, FL 32807, Facility Id: 8512796 [Watch This Site](#) [Documents](#)
- WASTE MGMT INC at 1334 N GOLDENROD RD, ORLANDO, FL 32807, Facility Id: 8513584 [Watch This Site](#) [Documents](#)

Pending Petroleum Cleanup

- MOBIL #10524 (02-CV5) at 7350 LAKE UNDERHILL RD, ORLANDO, FL 32822, Facility Id: 8512971 [Watch This Site](#) [Documents](#)

Pending Other Waste Cleanup

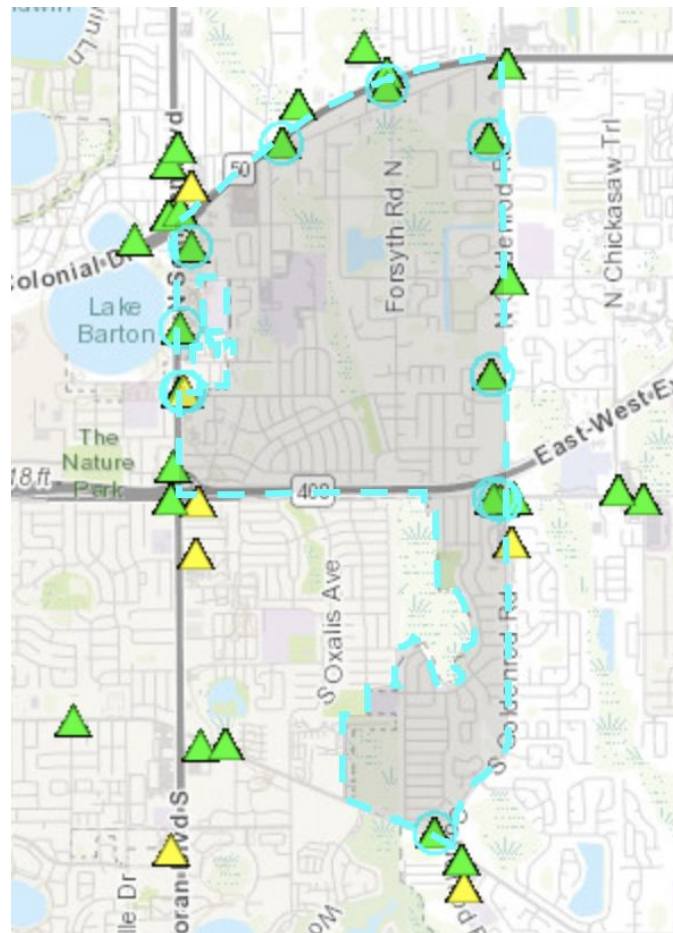
- AZALEA CLEANERS at 5711 DAHLIA DR, ORLANDO, FL 32807, Facility Id: COM_211256 [Watch This Site](#) [Documents](#)



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Map 1. Contamination Locator Map for Azalea Park and vicinity⁴

Cleanup types: ▲ Brownfields ▲ Petroleum ▲ Superfund ▲ Other Waste Cleanup



⁴ Florida Department of Environmental Protection Contamination Locator Map
<<http://prodenv.dep.state.fl.us/DepClnup/viewmap.do>>



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