

Casselberry Community Report Environmental Health Concerns

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

The following table summarizes environmental indicators in Casselberry Census Block Groups surveyed. In addition there are many homes constructed prior to the 1960's, which appear in the table below as the lead paint indicator. Note that in addition to possibly having lead paint, 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. Census Block Groups 121170203021 and 121170209022 are in the 60th and 64th percentile in the US respectively for Lead Paint. Traffic Proximity and Volume are in the 93rd percentile in the US in Census Block Group 121170222064. Proximity to a Superfund Site, and to sites required to submit Risk Management Plans is elevated in all Census Groups surveyed.¹

Table 1. Percentile in the US for Environmental Indicators (Census Block Groups located in Casselberry are highlighted in blue in the table below.)

Census Block Group	NATA Diesel PM (ug/m3)*	NATA Air Toxics Cancer Risk (risk per MM)*	NATA Respiratory Hazard Index*	Traffic Proximity and Volume (daily traffic count/distance to road)	Lead Paint Indicator (% pre-1960s housing)	Superfund Proximity (site count/km distance)	RMP Proximity (facility count/km distance)	Hazardous Waste Proximity (facility count/km distance)
121170203021	60-70th Percentile in US	50-60th Percentile in US	60-70th Percentile in US	68th Percentile in US	60th Percentile in US	93rd Percentile in US	84th Percentile in US	55th Percentile in US
121170209022	60-70th Percentile in US	50-60th Percentile in US	60-70th Percentile in US	51st Percentile in US	64th Percentile in US	89th Percentile in US	79th Percentile in US	37th Percentile in US
121170214012	60-70th Percentile in US	50-60th Percentile in US	60-70th Percentile in US	76th Percentile in US	56th Percentile in US	95th Percentile in US	97th Percentile in US	51st Percentile in US
121170214033	50-60th Percentile in US	<50th Percentile in US	50-60th Percentile in US	16th Percentile in US	10th Percentile in US	82nd Percentile in US	93rd Percentile in US	32nd Percentile in US
121170214042	50-60th Percentile in US	50-60th Percentile in US	60-70th Percentile in US	74th Percentile in US	10th Percentile in US	92nd Percentile in US	97th Percentile in US	44th Percentile in US
121170221012	60-70th Percentile	60-70th Percentile in	70-80th Percentile	75th Percentile in	32nd Percentile in	91st Percentile in	99th Percentile in	44th Percentile in

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



	in US	US	in US	US	US	US	US	US
121170221041	60-70th Percentile in US	60-70th Percentile in US	60-70th Percentile in US	36th Percentile in US	10th Percentile in US	86th Percentile in US	98th Percentile in US	44th Percentile in US
121170221042	60-70th Percentile in US	60-70th Percentile in US	60-70th Percentile in US	29th Percentile in US	42nd Percentile in US	85th Percentile in US	97th Percentile in US	29th Percentile in US
121170221044	60-70th Percentile in US	60-70th Percentile in US	60-70th Percentile in US	38th Percentile in US	10th Percentile in US	83rd Percentile in US	97th Percentile in US	29th Percentile in US
121170221051	60-70th Percentile in US	50-60th Percentile in US	60-70th Percentile in US	24th Percentile in US	10th Percentile in US	82nd Percentile in US	95th Percentile in US	21st Percentile in US
121170221052	60-70th Percentile in US	50-60th Percentile in US	60-70th Percentile in US	6th Percentile in US	13th Percentile in US	82nd Percentile in US	94th Percentile in US	30th Percentile in US
121170222064	50-60th Percentile in US	60-70th Percentile in US	70-80th Percentile in US	93rd Percentile in US	16th Percentile in US	90th Percentile in US	96th Percentile in US	34th 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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Contaminated Sites

Brownfield Sites Casselberry has 3 Brownfield Areas and 3 Brownfield Cleanup Sites.²

Table 2. Brownfield Areas and Brownfield Sites in Casselberry and Vicinity

<u>Area ID</u>	<u>Area Name</u>	<u>Site ID</u>	<u>Site Name</u>
BF590810000	Casselberry City Properties / S.E.E.D.		
BF590802000	Casselberry CRA /S.E.E.D	BF590802002	Casselberry Former Shell Station Site
		BF590802001	Casselberry Police Department Site
BF590701000	Former Microvia Brownfield Area	BF590701001	Former Microvia Facility

Contaminated Sites

In addition to the Brownfields, Casselberry has 8 Active Petroleum Cleanup Sites, 2 Pending Petroleum Cleanup Sites, 11 Active Other Waste Cleanup Sites, and four Pending Other Waste Clean-up Sites.(5/2019)³

Active Petroleum Cleanup Sites include:

- **7-ELEVEN FOOD STORE #10056** at 1145 HWY 436/SEMORAN BLVD, Facility Id: 8516550 [Watch This Site](#) [Documents](#)
- **7-ELEVEN FOOD STORE #32865** at 5811 HWY 17-92 S, 5811 HWY 17-92 S CASSELBERRY, FL 32807; Facility Id: 8516780 [Watch This Site](#) [Documents](#)

² Florida Department of Environmental Protection Brownfields Area and Site Documentation <<https://floridadep.gov/waste/waste-cleanup/content/florida-brownfields-area-and-site-documentation>>

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



- **AUTO SERVICE STATION** at 17-92 & MELODY LANE; CASSELBERRY, FL 32707, Facility Id: 8516552 [Watch This Site](#) [Documents](#)
- **CASSELBERRY CITY-SEWER TREAT PLT** at 700 CROSS ST, CASSELBERRY, FL 32707, Facility Id: 8631355 [Watch This Site](#) [Documents](#)
- **CHEVRON-CASSELBERRY #357** at 2995 S HWY 17-92, CASSELBERRY, FL 32707, Facility Id: 8516544 [Watch This Site](#) [Documents](#)
- **CUMBERLAND FARMS #0980** at 100 N WINTER PARK DR, CASSELBERRY, FL 32707, Facility Id: 8520658 [Watch This Site](#) [Documents](#)
- **GENERAL ROOFING IND OF ORLANDO INC** at 1251 SEMINOLA BLVD, CASSELBERRY, FL 32707, Facility Id: 8622634 [Watch This Site](#) [Documents](#)
- **MASCHMEYER CONCRETE-CASSELBERRY** at 1601 CR 427, CASSELBERRY, FL 32707, Facility Id: 8622553 [Watch This Site](#) [Documents](#)

Pending Petroleum Cleanup Sites include:

- **MAPCO EXPRESS #8325-FORMER** at 5201 S US 17TH & 92, CASSELBERRY, FL 32707, Facility Id: 8516618 [Watch This Site](#) [Documents](#)
- **SHELL-FIRST COAST ENERGY** at 4355 S US 17-92, CASSELBERRY, FL 32707, Facility Id: 8516519 [Watch This Site](#) [Documents](#)

Active Other Waste Cleanup Sites include:

- **CASSELBERRY POLICE DEPARTMENT SITE** at 4195 SOUTH U.S. HIGHWAY 17-92, Facility ID = COM_318719 [Watch This Site](#) [Documents](#)
- **FOMER SHELL STATION AKA CASSELBERRY CITY CENTER** at 4355 US HWY 17-92, Facility ID = COM_318134 [Watch This Site](#) [Documents](#)
- **MICROVIA (FORMERLY CONTINENTAL CIRCUITS INC) (BF)** at 1150 BELLE AVENUE, Facility Id: COM_24201 [Watch This Site](#) [Documents](#)
- **436 Cleaners** at 1034 State Road 436, Facility Id: ERIC_5458 [Watch This Site](#) [Documents](#)
- **Bee Clean Cleaners** at 1271 State Road 436, Casselberry, FL 32707 Facility Id: ERIC_5461 [Watch This Site](#) [Documents](#)
- **First Class Dry Cleaner** at 591 State Road 436, Casselberry, FL 32707 Facility Id: ERIC_5489 [Watch This Site](#) [Documents](#)
- **Park Avenue Cleaners II** at 905 State Road 436, Casselberry, FL 32707 Facility Id: ERIC_5502 [Watch This Site](#) [Documents](#)







- **SIEMENS WESTINGHOUSE POWER** at 261 LYMAN RD, CASSELBERRY, FL 32707, Facility Id: COM_275452 [Watch This Site](#) [Documents](#)
- **Swan Cleaners** at 918 State Road 436, Casselberry, FL 32707, Facility Id: ERIC_5492 [Watch This Site](#) [Documents](#)
- **Technitronics** at 1041 & 1043 Seminola Blvd, Cassleberry, FL 32707 Facility Id: ERIC_3974, [Watch This Site](#) [Documents](#)
- **Tiffany Cleaners** at 670 State Road 436, Casselberry, FL 32707 Facility Id: ERIC_5486, [Watch This Site](#) [Documents](#)

Pending Other Cleanup Sites include:

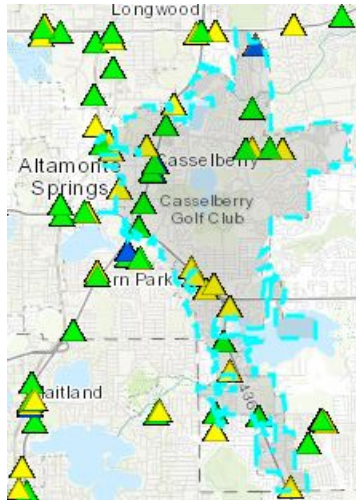
- **EMERSON ELECTRIC CASSELBERRY (FORMER)** at 95 PLUMOSA AVE, CASSELBERRY, FL , Facility Id: COM_335563 [Watch This Site](#) [Documents](#)
- **LAWTON PRINTERS AKA HAROLD DECKER DECKITRONICS** at 185 ANCHOR RD, CASSELBERRY, FL 32707, Facility Id: COM_275457 [Watch This Site](#) [Documents](#)
- **NATURALLY FRESH** at 175 ANCHOR ROAD, CASSELBERRY, FL, Facility Id: COM_303778 [Watch This Site](#) [Documents](#)
- **SOUTHWICK** at 1430 SEMINOLA BLVD, CASSELBERRY, FL, Facility Id: COM_275451 [Watch This Site](#) [Documents](#)

Map 1. Casselberry and Vicinity: Contamination Locator Map⁴

Cleanup types:  Brownfields  Petroleum  Superfund  Other Waste Cleanup

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





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