



MAP DIRECT

For Environmental Resource Permitting, Domestic Wastewater, Potable Water, Stormwater, Solid Waste and Air

Shanell Bosch, George Ugartemendia, Jessica Douglas
South District Office
Florida Department of Environmental Protection

Microsoft Teams | Nov. 8, 2023



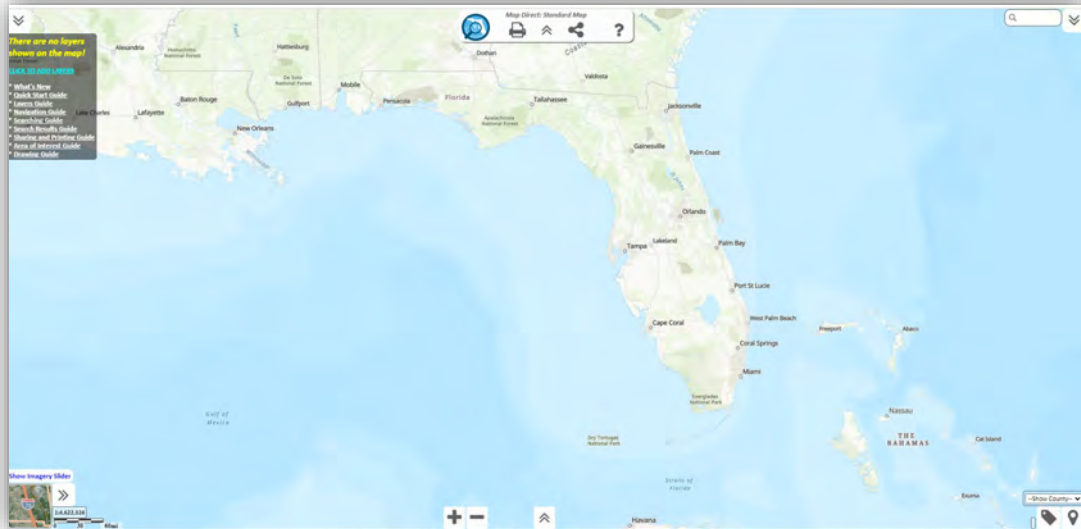
MAP DIRECT

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION


Access [Map Direct](#) from the DEP [South District homepage](#).


There are also tutorials on YouTube for working in this software:

- [Map Direct Quick Start Documents](#).
- [YouTube Tutorial Series](#).



Florida Department of Environmental Protection A-Z Index Forms





Open Map Direct

Create and share your own maps from thousands of available data layers provided by dozens of agencies including DEP.

- [Map Direct Quick Start Documents](#)
- [YouTube Tutorial Series](#)

Map Direct Gallery

Click the images below to open the maps, or select them from the drop down list.



ENVIRONMENTAL RESOURCE PERMITTING

Map Direct



ENVIRONMENTAL RESOURCE PERMITTING

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

- **Self-Certifications:** The self-certification process allows the user to enter information and certify that their single-family dock project is exempt from requiring a DEP permit.
- **Exemptions:** No permit required if activity meets thresholds defined in statute or rule.
- **General Permits:** Activities that have been determined to have minimal direct and secondary impacts.
- **Individual Permits:** All other activities that do not qualify for exemption or general permit and are assessed on an individual, case-by-case basis.

Common Projects and Activities:

- Docks.
- Seawalls.
- Boat lifts and canopies.
- Upland construction generating stormwater runoff.
- Dredge and fill of wetland or surface waters.
- Artificial reefs and living shorelines.
- Utilities.



MAP DIRECT ERP

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



Create and share your own maps from thousands of available data layers provided by dozens of agencies including DEP.

- [Map Direct Quick Start Documents](#)
- [YouTube Tutorial Series](#)

Helpful data layers on Map Direct can include:

- Florida Soil Survey Geographic Database (SSURGO).
- National Wetlands Inventory.
- Environmental Resource Permitting.
- Florida Aquatic Preserves.
- State Lands.
- Outstanding Florida Waters.
- Property Appraiser.





MAP DIRECT ERP

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

INFORMATION PORTAL

DEP Facility/Site Details and Associated Documents

Environmental Resource Permits (ERP) from PA

- INSTALL DOCK & BOATLIFT
PROJ NAME
- HEILER, ROLF / 412223231003 / CANAL
SITE NAME
- ROLF HEILER
APP NAME
- 455639
TEMP ID
- 0336888-001-EE
APP NO
- 336888
SITE ID
- 001
PROJ NO
- https://prodenv.dep.state.fl.us/DepNexus/public/documents/ERP_336888/gis-facility/search/DOCUMENTS
- https://fldep.dep.state.fl.us/parep/pa_rep_program1=ERP&SITE_ID=0336888/REPORTS
- 4050 LA COSTA ISLAND CT
PUNTA GORDA, FL 33950-
Address
- (8) Charlotte County
COUNTY ID
- (SOUTH DISTRICT) SOUTH DISTRICT
OFFICE
- (SOUTH DISTRICT) SOUTH DISTRICT
DISTRICT
- Exempt
AGENCY ACT
- 64
PER SUB
- EE
PER TYPE
- ERP
PROGRAM



- Exempt
AGENCY ACT
- 64
PER SUB
- EE
PER TYPE
- ERP
PROGRAM
- 07/29/2015
RCVD DATE
- 08/19/2015
ACT DATE
- 08/19/2020
EXPIR DATE
- 07/29/2015
COMP DATE
- EDWARDS_K
PROCESSOR

Single family new boat dock	PER DESC
Remove existing dock and install new 332 sq ft dock and boatlift	PROJ DESC

Latitude: 26° 53' 56.8377"
Longitude: 82° 4' 17.731"
Datum:

Facility/Site Details

Facility/Site ID = ERP_336888
Facility/Site Name = HEILER, ROLF / 412223231003 / CANAL
Address = 4050 LA COSTA ISLAND CT
City = PUNTA GORDA
County = CHARLOTTE
District = SD

Records on this page = 3 of 3

Your search returned these documents available online from DEP's unrestricted EDMS catalogs:
Click on the View link below to open a specific document.

Document Date	Document Type and Subject
08/19/2015	PERMIT - ISSUED - DENIED - TERMINATED RELATED 001 ISSUED FINAL EXEMPTION Permit Number:0336888001EE
07/31/2015	PERMIT APPLICATION RELATED 001 NMFS REVIEW REQUEST
07/29/2015	PERMIT APPLICATION RELATED 001 APPLICATION INSTALL DOCK & BOAT LIFT

You can search properties by address or Facility/Site ID.
In Oculus: ERP_336888
In Map Direct: 336888



DOMESTIC WASTEWATER

Map Direct



DOMESTIC WASTEWATER

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

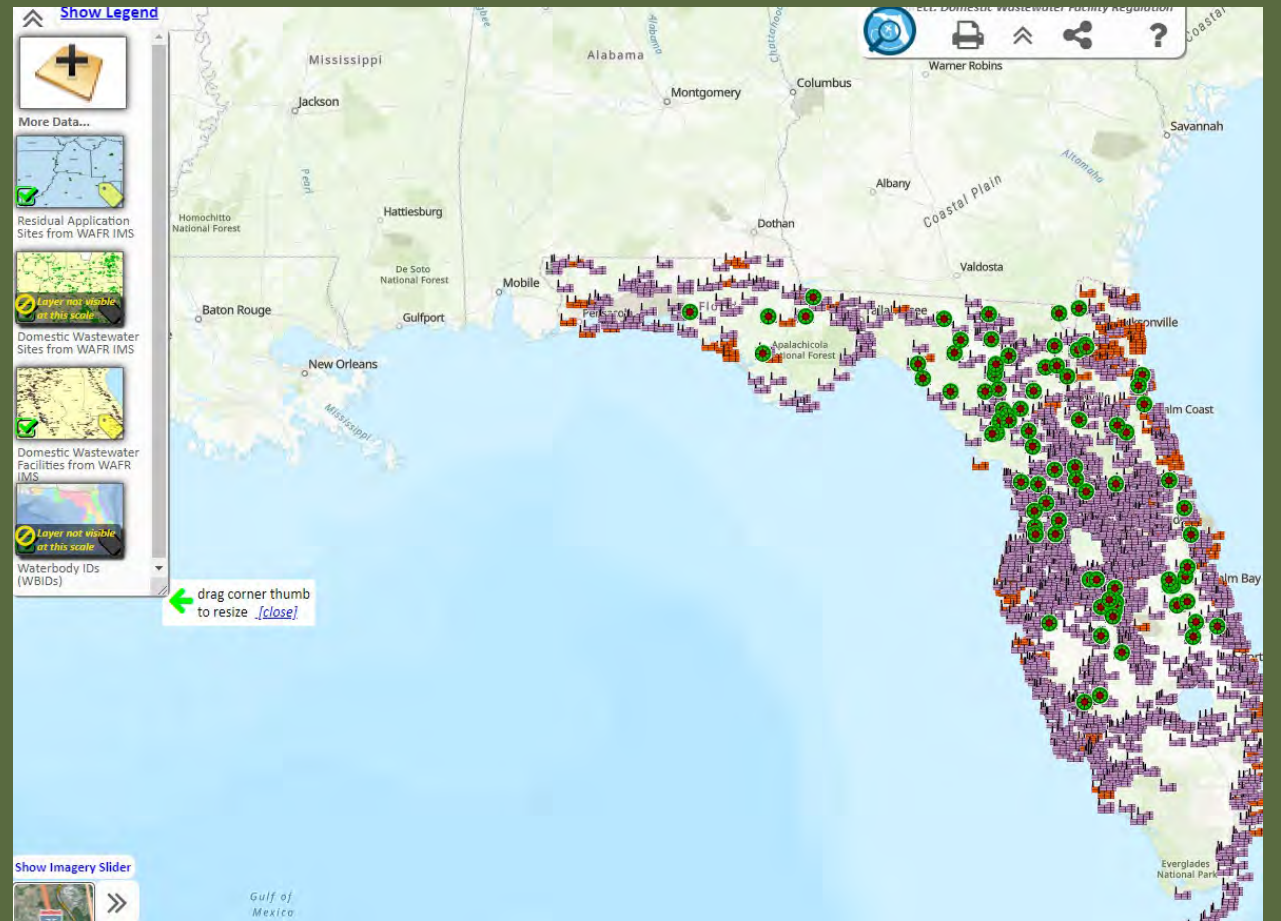
Map Direct Gallery

Click the images below to open the maps, or select them from the drop down list.

---Choose Category--- | ---Choose Map---

Please click a map link below to open it in a new tab.

- Domestic Wastewater Facility Regulation

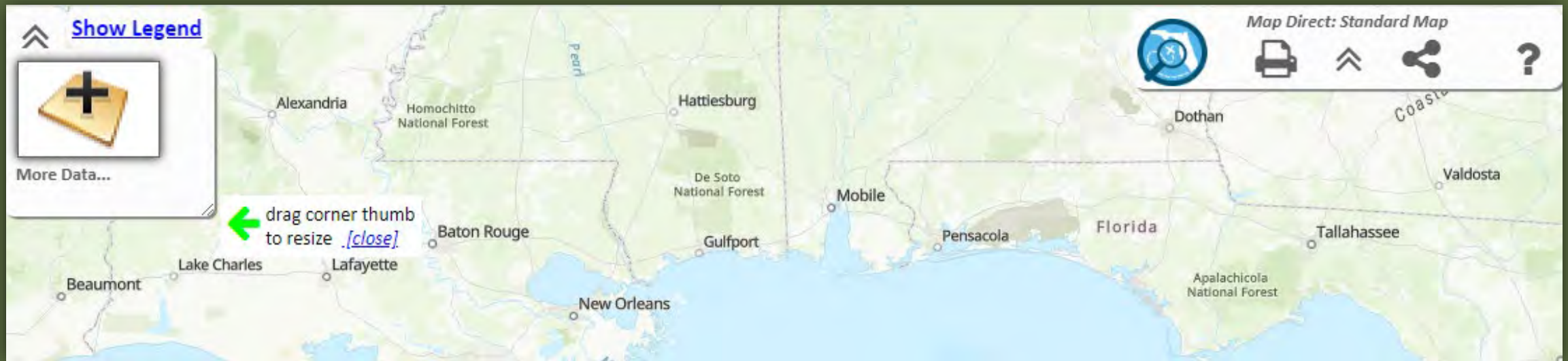




DOMESTIC WASTEWATER

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

To add data layer in Map Direct, select the double arrows in the top left corner and click "More Data..."





DOMESTIC WASTEWATER

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION


Add More Data to the Map

[Add REST Endpoint Layer](#) [Add Shapefile](#) [Add ArcGIS Online Item](#) [Add Storm Imagery](#) [Add Layers by Division](#)

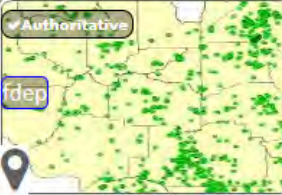
4332 Total Items Available. [Need Help Searching?](#)

Show Only Items From Florida Department of Environmental Protection * All Content Types ↓ 1/9 by Relevance to Search Criteria Compact View

Page 1/1 Items 1 - 9 of 9 *Not finding what you are looking for?* [Widen Filter](#)







Wastewater Facility Regulation (WAFR) Map
Web Map Shared by FDEPMapDirect :: Florida Department of Environmental Protection
[More Information](#)
[Add Layers to Map](#) [Open as New Map](#)



Wastewater Facility Regulation (WAFR) - Wastewater Sites
Feature Layer Shared by FDEPOpenDataPortal :: Florida Department of Environmental Protection
12558 Locations | 35 Attributes
[More Information](#)
Download as: [Shapefile](#) | [CSV Spreadsheet](#) | [KML](#) | [GeoJSON](#)
[Add Layer to Map](#)

In the Map Direct search bar, type "WAFR" for applicable data layers.

Layers

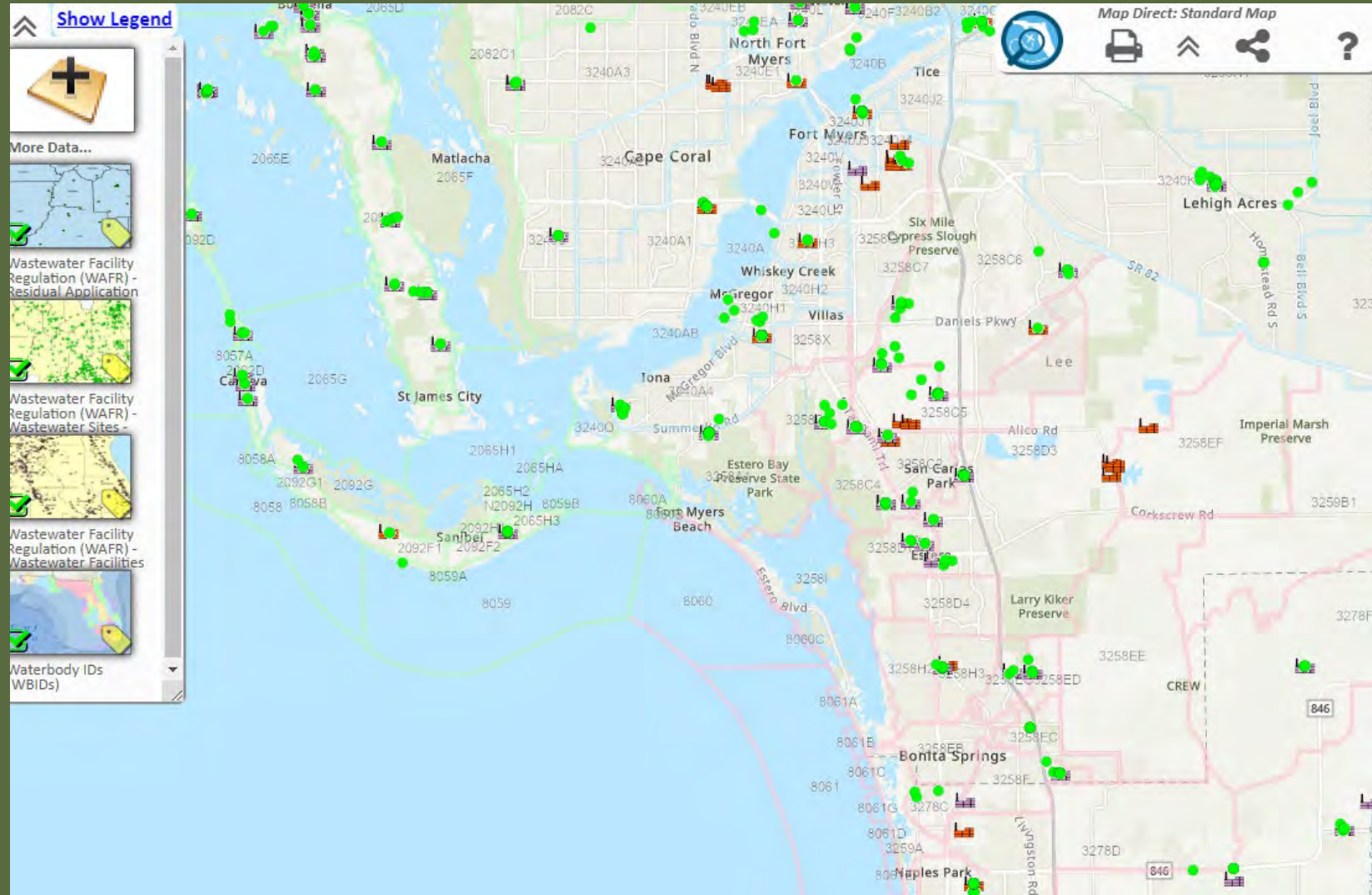
-  Wastewater Facility Regulation (WAFR) - Residual Application Sites - Residual Application Sites from WAFR IMS
Feature Layer
-  Wastewater Facility Regulation (WAFR) - Wastewater Sites - Wastewater Sites from WAFR IMS
Feature Layer
-  Wastewater Facility Regulation (WAFR) - Wastewater Facilities - Wastewater Facilities from WAFR IMS
Feature Layer
-  Waterbody IDs (WBIDs)
Feature Layer



DOMESTIC WASTEWATER

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Wastewater data layers applied and visible.





DOMESTIC WASTEWATER DATA LAYERS

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

- Wastewater Facility Regulation (WAFR) - Wastewater Facilities.
- Wastewater Facility Regulation (WAFR) - Residual Application.
- Wastewater Facility Regulation (WAFR) - Wastewater Sites.
- Waterbody IDs (WBIDs).
- Waters Not Attaining Standard (WNAS).



DOMESTIC WASTEWATER

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

The screenshot displays a GIS map interface. On the left, a map shows a green area labeled 'Larry Kiker Preserve' and a blue area labeled 'Hidden Cypress Preserve'. A red rectangle highlights a specific location on the map. On the right, a metadata panel provides details for the selected facility:

- Search Box 502 feet wide at
26.37269211 x -81.76608467
26°22'21.6916" x -81°45'57.9048"
- Drop Marker Add Label What's nearby?
- Zoom To All 2 selected features Clear Print Table Download Format
- Wastewater Facility Regulation (WAFR) - Wastewater Facilities - Wastewater Facilities from WAFR IMS
- Bonita Springs Utilities East WRF
FACILITY NAME
- 54501
LOCATIONAL ID
- 1234
WAFR FACILITY ID
- FLA012343
FACILITY ID
- <https://prodenv.dep.state.fl.us/DepNexus/pu/documents/FLA012343/gis-facility?searchDOCUMENTS>
- (36) Lee County
COUNTY
- Lee County
COUNTY NAME
- (South District) South District
OFFICE NAME
- (SD) South Regulatory District
DISTRICT NAME
- N
NPDES
- N
PRETREAT REQ
- DPHO
CMCD COORDINATE METHOD ID
- Domestic Wastewater Program
ENVIRONMENTAL INTEREST
- A
FACILITY STATUS

Clicking on an icon will populate information for that site along with a link to related documents.



DOMESTIC WASTEWATER

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Map Direct: Standard Map

Search Box 125 feet wide at
26.61896658 x -81.65406944
26°37'8.2797" x -81°39'14.6500"

Drop Marker Add Label What's nearby?

Zoom To this selected feature Clear Print Table Download Format

Waterbody IDs (WBIDs)

- 3240K
WBID
- Caloosahatchee
GROUP NAME
- ORANGE RIVER
WATERBODY NAME
- (SD) South Regulatory District
DISTRICT
- 3F
CLASS
- Group 3
GROUP NUMBER
- miles
UNITS
- STREAM
WATER TYPE
- 85899.500317
PERIMETER
- 26.064
WATERBODY SIZE

CHANGES	
WBID modified, Run 35 - K.O'Donnell	EDITS
03090205	HUC
Orange River	PLANNING UNIT

Nearby Zoom Pan Remove

Clicking on a waterbody will populate information.



SOLID WASTE AND AIR

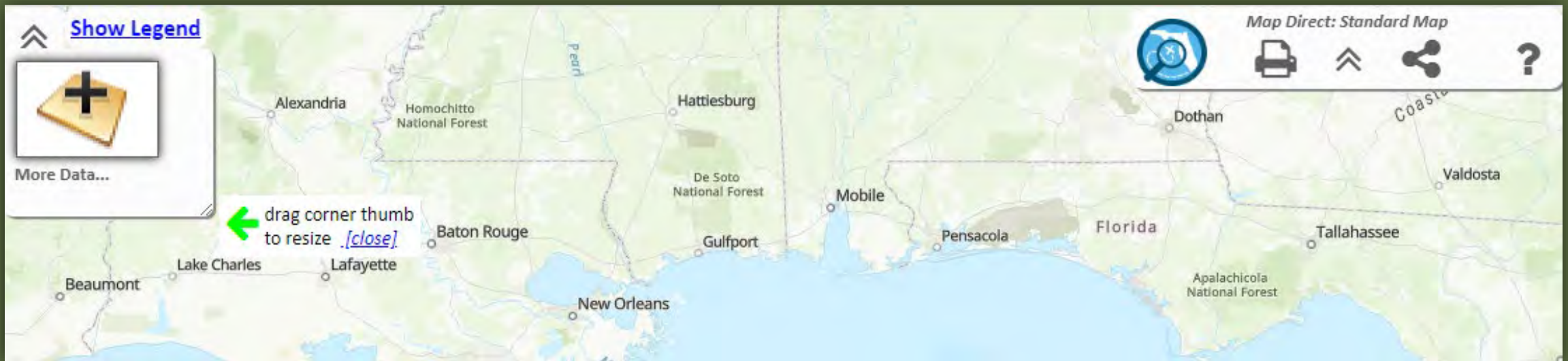
Map Direct



SOLID WASTE

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

To add data layer in Map Direct, select the double arrows in the top left corner and click "More Data..."





SOLID WASTE

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Add More Data to the Map

- Add REST Endpoint Layer
- Add Shapefile
- Add ArcGIS Online Item
- Add Storm Imagery
- Add Layers by Division

4307 Total Items Available.

[Need Help Searching?](#)

- Show Only Items From Florida Department of Environmental Protection
- All Content Types
- 1 by Relevance to Search Criteria
- Compact View

Page 1/4 Items 1 - 20 of 64 [Not finding what you are looking for? Widen Filter](#)



Solid Waste Map [Back to Top](#)
Web Map Shared by FDEPMapDirect :: Florida Department of Environmental Protection
[More Information](#)

- Add Layers to Map
- Open as New Map



Solid Waste Facilities [Back to Top](#)
Feature Layer Shared by FDEPOpenDataPortal :: Florida Department of Environmental Protection
12654 Locations | 38 Attributes
[More Information](#)

Download as: [Shapefile](#) | [CSV Spreadsheet](#) | [KML](#) | [GeoJSON](#)

- Add Layer to Map

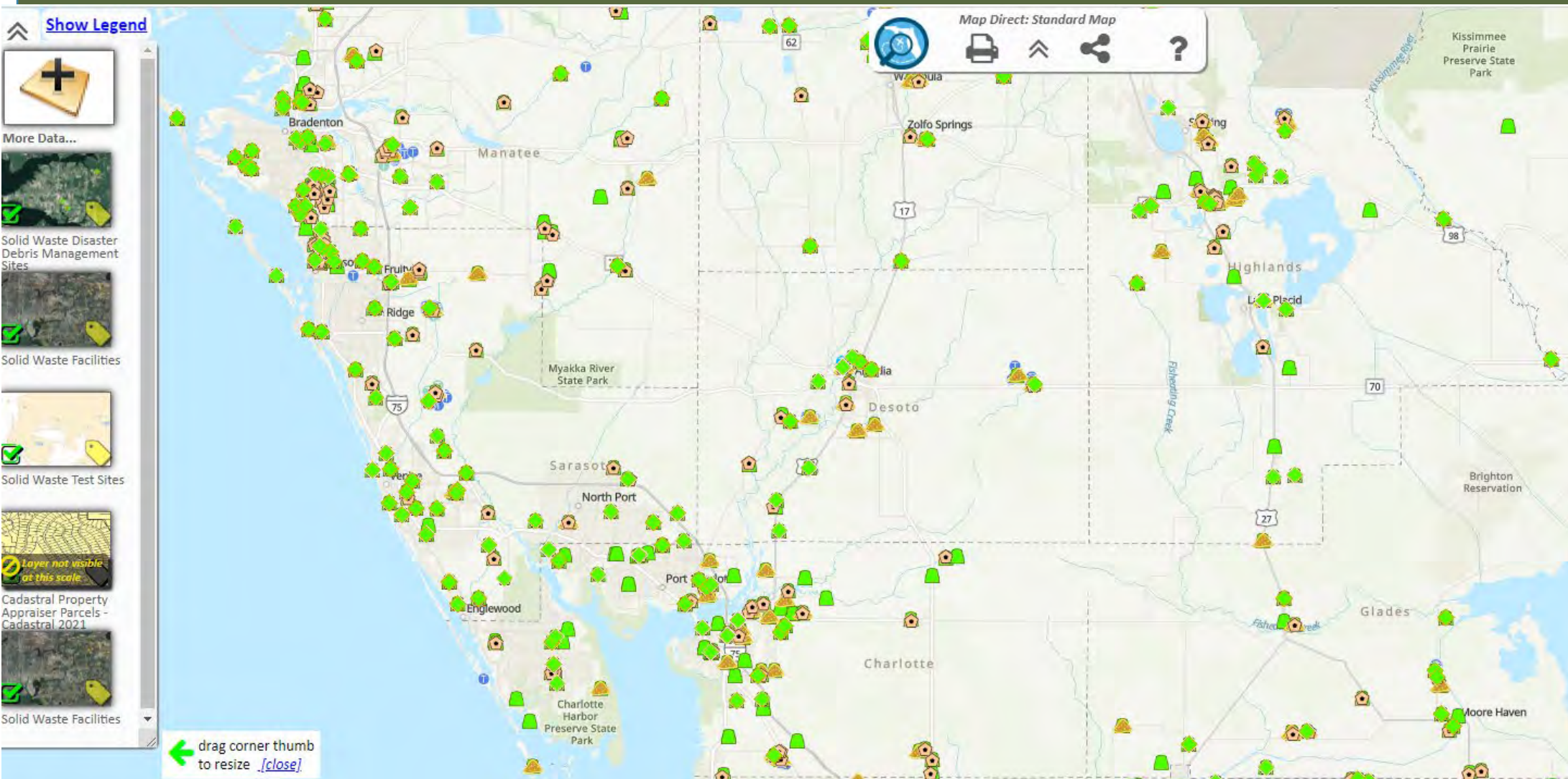
In the Map Direct Search bar type "Solid Waste" for applicable layers.

Select: Solid Waste Map.



SOLID WASTE

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



Data Layers populating icons.



SOLID WASTE DATA LAYERS

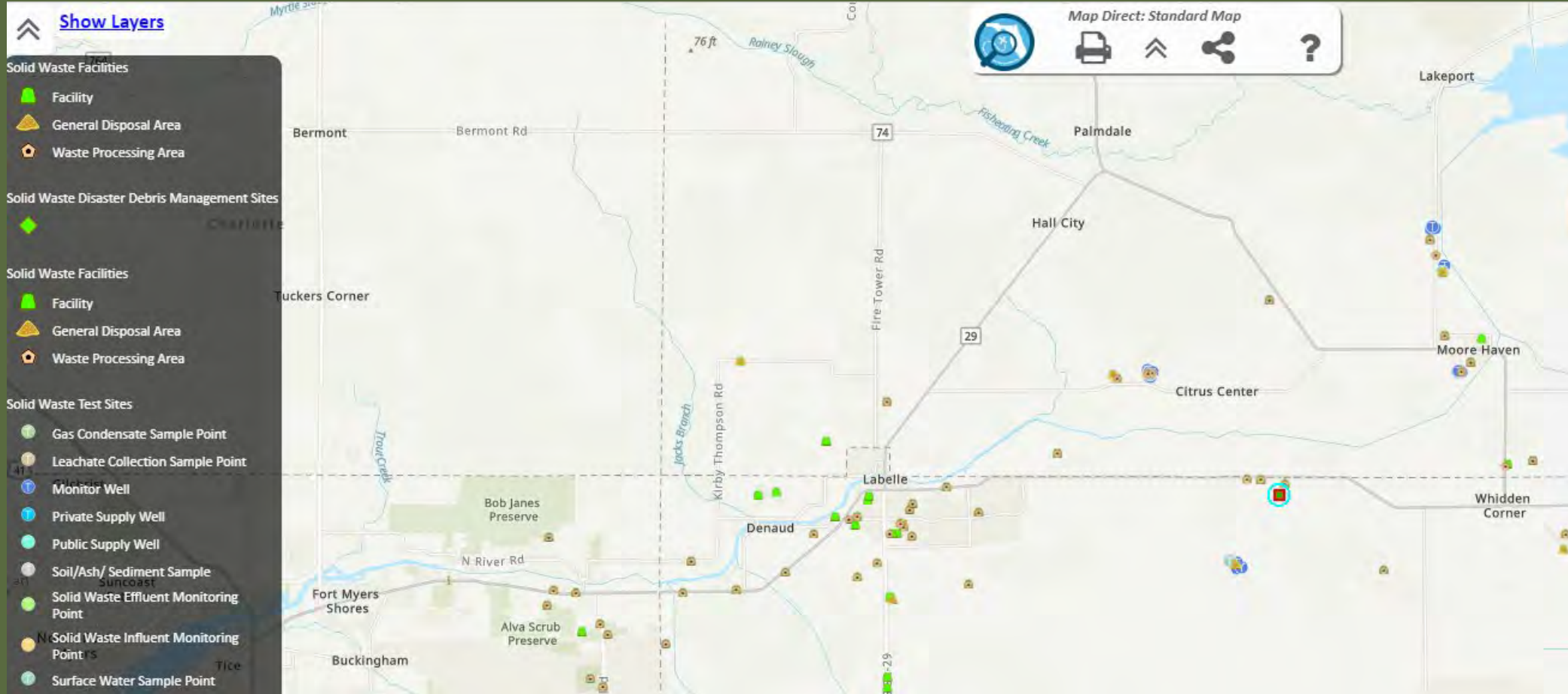
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

- Solid Waste Disaster Debris Management Sites.
- Solid Waste Facilities.
- Solid Waste Test Sites.
- Cadastral Property Appraiser Parcels.

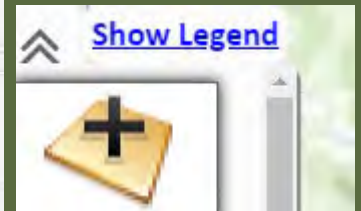


SOLID WASTE

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



Select "Show Legend" to view what each icons represents






AIR

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

4307 Total Items Available. [Need Help Searching?](#)

Show Only Items From Florida Department of Environmental Protection * All Content Types ↓ 1/9 by Relevance to Search Criteria Compact View

Page 1/7 Items 1 - 20 of 125 [Not finding what you are looking for? Widen Filter](#)

 **Air Resources Management Map** [Back to Top](#)
Web Map Shared by FDEPMapDirect :: Florida Department of Environmental Protection
[More Information](#)

In the Map Direct search bar, type "Air" for applicable data layers.

[Show Legend](#)



More Data...

 
Air Resource Management System (ARMS) - Emission

 
Ambient Air Monitoring Sites

 
Air Resource Management System (ARMS) Facilities - Air



AIR

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Air Resource Management System (ARMS) - Emission Points

Ambient Air Monitoring Sites

Air Resource Management System (ARMS) Facilities - Air Resource Management Systems (ARMS) Facilities

Air Resource Management System (ARMS) Emission Points

- LAKE PLACID ASPHALT PLANT
- NAME
- 15953
- EMISSION POINT ID
- 0550014
- AIRS ID
- 6
- STACK NUMBER
- (SD) South Regulatory District
- OFFICE
- SINGLE POINT SERVING A SINGLE EMISSIONS UNIT
- STACK TYPE
- INACTIVE
- STATUS
- 07/24/2002
- TIME STAMP
- BETTER ROADS, INC.
- OWNER
- NEWBURG_D
- USERNAME
- Latitude: 27° 12' 8"
- Longitude: 81° 21' 3"

Selecting an icon will populate information. For information on what each icon represents select "Show Legend".



AIR DATA LAYERS

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

- Air Resource Management Systems (ARMS)- Emissions.
- Air Resource Management Systems (ARMS)- Facilities.
- Ambient Air Monitoring Sites.



POTABLE WATER

Map Direct



POTABLE WATER

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Add More Data to the Map

[Add REST Endpoint Layer](#) [Add Shapefile](#) [Add ArcGIS Online Item](#) [Add Storm Imagery](#) [Add Layers by Division](#)


4307 Total Items Available. [Need Help Searching?](#)

Show Only Items From Florida Department of Environmental Protection * All Content Types ↓¹/₉ by Relevance to Search Criteria Compact View

Page 1/1 Items 1 - 5 of 5 *Not finding what you are looking for?* [Widen Filter](#)

 **Public Water Supply (PWS) Plants (Non-Federal)** [Back to Top](#)
Feature Layer Shared by FDEPOpenDataPortal :: Florida Department of Environmental Protection
5761 Locations | 32 Attributes
[More Information](#)
Download as: [Shapefile](#) | [CSV Spreadsheet](#) | [KML](#) | [GeoJSON](#)
[Add Layer to Map](#)

 **Public Water Supply (PWS) Wells (Non-Federal)** [Back to Top](#)
Feature Layer Shared by FDEPOpenDataPortal :: Florida Department of Environmental Protection
9452 Locations | 42 Attributes
[More Information](#)
Download as: [Shapefile](#) | [CSV Spreadsheet](#) | [KML](#) | [GeoJSON](#)
[Add Layer to Map](#)

 **Public Water Supply (PWS) Tanks (Non-Federal)** [Back to Top](#)
Feature Layer Shared by FDEPOpenDataPortal :: Florida Department of Environmental Protection
6579 Locations | 48 Attributes
[More Information](#)
Download as: [Shapefile](#) | [CSV Spreadsheet](#) | [KML](#) | [GeoJSON](#)
[Add Layer to Map](#)

 **2017 Map of Surface Water Plants** [Back to Top](#)
Web Map Shared by Sami.McKee@Floridadep.gov_FDEP :: Florida Department of Environmental Protection

Search "PWS" for applicable data layers.



PWS LAYERS

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

- Public Water Supply (PWS) Plants (Non-Federal).
- Public Water Supply (PWS) Wells (Non-Federal).
- Public Water Supply (PWS) Tanks (Non-Federal).

The screenshot displays three layers of data from the Florida Department of Environmental Protection's OpenDataPortal. Each layer includes a map thumbnail, a title, a description, a 'More Information' link, download options, and an 'Add Layer to Map' button.

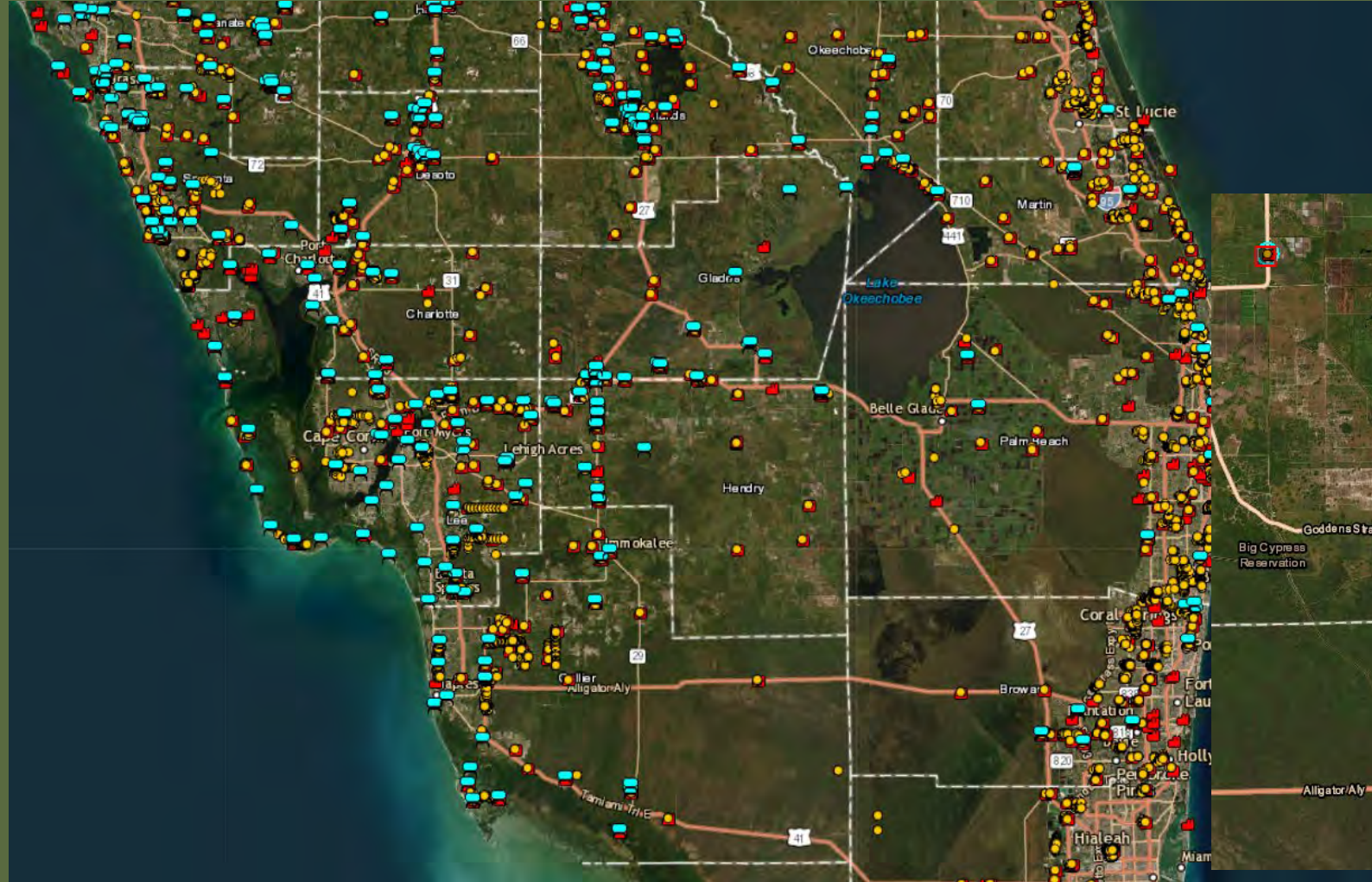
Layer Name	Locations	Attributes
Public Water Supply (PWS) Plants (Non-Federal)	5761	32
Public Water Supply (PWS) Wells (Non-Federal)	9452	42
Public Water Supply (PWS) Tanks (Non-Federal)	6578	48

Download options for all layers: [Shapefile](#) | [CSV Spreadsheet](#) | [KML](#) | [GeoJSON](#)



POTABLE WATER

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



Select an icon to view information.



Public Water Supply (PWS) Wells (Non-Federal)

- C & B FARMS
PWS NAME
- WELL 1
WELL NAME
- 71203
GIS WELL ID
- 5264114
PWS ID
- 1
WELL PLANT ID
- 1
WELL ID
- 155867
LOCATIONS PWS LOCATION ID
- 27320 CR 835
CLEWISTON, FL 33440
PWS Address
- (26) Hendry County
PWS CNP COUNTY ID
- (SD) South Regulatory District
PWS OCI OFFICE ID
- N
PWS SUBPART H
- Floridan Aquifer
AQUIFER
- ACTIVE
PWS STATUS
- NONTRANSIENT NONCOMMUNITY
PWS TYPE



POTABLE WATER

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Public Water Supply (PWS) Plants (Non-Federal)

- LEE COUNTY UTILITIES
PWS NAME
- L.C.U. N. FT MYERS R.O. PLANT
PLANT NAME
- 32194
GIS PLANT ID
- 5364048
PWS ID
- 4
PLANT ID
- FORT MYERS, FL
PWS Address
- (SD) South Regulatory District
PWS OC1 OFFICE ID
- Y
PWS SUBPART H
- Y
PLANT FOUR LOG REMOVAL
- AGPS
PLANT COORDINATE METHOD
- ACTIVE
PLANT STATUS
- ACTIVE

Select an icon to view information.



STORMWATER

Map Direct



STORMWATER

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION


Add More Data to the Map

[Add REST Endpoint Layer](#) [Add Shapefile](#) [Add ArcGIS Online Item](#) [Add Storm Imagery](#) [Add Layers by Division](#)


4307 Total Items Available. [Need Help Searching?](#)

Show Only Items From Florida Department of Environmental Protection All Content Types 1 by Relevance to Search Criteria Compact View


Page 1/1 Items 1 - 8 of 8 *Not finding what you are looking for?* [Widen Filter](#)




NPDES Stormwater Map [Back to Top](#)
Web Map Shared by Sami.McKee@Floridadep.gov_FDEP :: Florida Department of Environmental Protection
[More Information](#)



NPDES Stormwater Facilities and Activities [Back to Top](#)
Feature Layer Shared by FDEPOpenDataPortal :: Florida Department of Environmental Protection
23114 Locations | 35 Attributes
[More Information](#)
Download as: [Shapefile](#) | [CSV Spreadsheet](#) | [KML](#) | [GeoJSON](#)



Florida NPDES Stormwater MS4 Permits [Back to Top](#)
Feature Layer Shared by FDEPOpenDataPortal :: Florida Department of Environmental Protection
345 Locations | 10 Attributes
[More Information](#)
Download as: [Shapefile](#) | [CSV Spreadsheet](#) | [KML](#) | [GeoJSON](#)



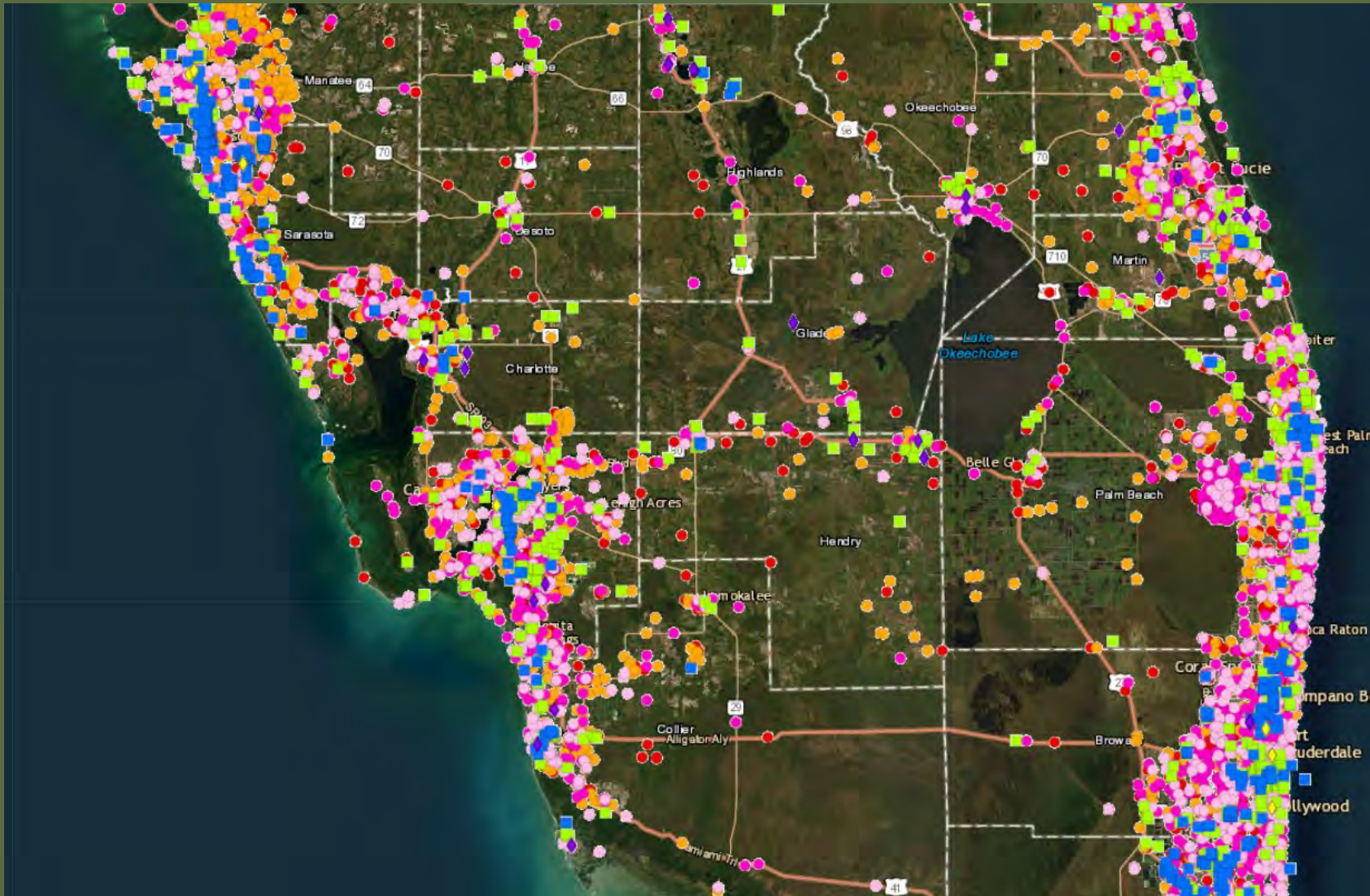
Florida Dams [Back to Top](#)
Web Map Shared by Sami.McKee@Floridadep.gov_FDEP :: Florida Department of Environmental Protection

Search "NPDES" for applicable data layers.



STORMWATER

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



Select an icon to view information.



STORMWATER

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

↑ Show Legend

+

More Data...

NPDES Stormwater Facilities and Activities

NPDES Stormwater MS4 Permits

Waterbody IDs (WBIDs)

Surface Water Class Boundaries (areas)

Outstanding Florida Waters

NPDES Stormwater Facilities and Activities

- CGP (>= 5 Acres)
- CGD (>= 5 Acres)
- CGP (1-5 Acres)
- CGD (1-5 Acres)
- Multisector Generic Permit (MSP)
- No Exposure Certification (NEX)
- ◆ Phase I MS4
- ◆ Phase II MS4

Surface Water Class Boundaries (areas)

- Potable Water Supply
- Shelfish Harvesting or Propagation
- Pending EPA Approval

Outstanding Florida Waters

- OFW Aquatic Preserves
- Other OFWs
- Special OFWs

Each data layer is available to “select” or “deselect” to choose which ones you want visible.

Select “Show Legend” to view what each icon represents.

Select an icon to populate information.



STORMWATER

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



Surface Water Class Boundaries (areas)

- Pine Island Sound
WATER NAME
- Pine Island Sound - Charlotte Harbor to San Carlos Bay
DESCRIPTION
- Lee County
COUNTY
- Inlets, passes, and beaches in the Captiva and Sanibel Island area are subject to frequent changes and fluctuations. The intent of the extent of the Class is to include the waters to the Gulf, but not include the Gulf.
NOTES
- 2
CLASS

© Nearby 🔍 Zoom 📏 Pan 🗑️ Remove

Outstanding Florida Waters

- PINE ISLAND SOUND AQUATIC PRESERVE
NAME
- Pine Island Sound
ALT NAME
- 9h31
RULE ID
- 243
GIS ID
- Aquatic Preserve
TYPE



QUESTIONS

ERP/CAP: 239-344-5731 SD-POD@floridadep.gov

Facilities Permitting: <https://floridadep.gov/south/sd-director#Permitting>

Facilities Compliance: <https://floridadep.gov/south/sd-director#Compliance>

General: 239-344-5600 SouthDistrict@floridadep.gov



THANK YOU

Shanell Bosch

ERP I Environmental Specialist III
Florida Department of Environmental Protection

Contact Information:

Phone: 239-344-5707

Email: Shanell.Bosch@FloridaDEP.gov



THANK YOU

Jessica Douglas

Facilities Permitting | Environmental Manager
Florida Department of Environmental Protection

Contact Information:

Phone: 239-344-5702

Email: Jessica.Douglas@FloridaDEP.gov



THANK YOU

George Ugartemendia

PWS Compliance I Environmental Specialist III
Florida Department of Environmental Protection

Contact Information:

Phone: 239-344-5623

Email: George.Ugartemendia@FloridaDEP.gov

