

## INTRODUCTION

The Environmental Screening Tool (EST) Map Viewer provides two formats for loading spatial data into the map: 1) *Esri ArcGIS Server Map Services,* drawn on the server side and sent to the browser as images <u>OR</u> 2) *Feature Layers,* drawn in the browser. The table below summarizes key differences between these formats.

CAPABILITY	MAP SERVICE	FEATURE LAYER
Draw Speed	Faster with "dense" layers (i.e. those with many features in the requested map extent).	Faster with sparse layers.
Layer Sorting	Not supported. You can change the order of map services, but not the layers within them.	Supported, but feature layers cannot be moved below any <i>map services</i> also included in the map.
Print legend	All symbols for a given service's layer are included in the legend.	Only those symbols related to features visible within the map are included in the legend.
ldentify	Displays results from all visible layers, regardless of display order.	Only top-most feature of the top-most layer clicked is displayed; features hidden below the clicked feature are not included in identify results.
Imagery	Raster datasets can only be viewed within map services.	Directly loading image layers is not supported.

There are also some minor differences in the way certain hatched fill symbols are rendered. For most purposes, we recommend using map services.

# LAYER LOADER TOOL

Load spatial data into the map viewer using the Layer Loader tool.

- 1) Search by typing a title, description or keyword and click the *Search* icon.
- Click the Browse button to access the Layer Browser and look through the full collection (organized into topics).



For ETDM projects, enter a project number to view all analysis areas for that project. To view just a specific analysis area, enter as project-analysis area ID, e.g. "1234-1".





## 1. SEARCH

The Search Results dialog lists both map services and feature layers.

a) Click the *Add Service to Map* button to add a map service.



- b) Click a feature layer under a map service to reveal additional information.
- c) Click the *Add Layer* to Map button to add the feature layer.

Search Results	>
Found 1 map service and 33 layers 🗹 Show Details	
Waste (Map Service)	Add Service to Map
Layers	
FDEP SuperfundNational Priority List (NPL)	
FDEP Point Layers\FDEP Superfund/National Priority List (NPL)	
Symbols	
• •	
Description	
This dataset contains Superfund/National Priority List (NPL) waste c	leanup sites in the State of Florida.
Superrund sites are hazardous waste cleanup sites that have been of Environmental Response, Compensation and Liability Act of 1980 (C	CERCLA) Superfund is the environmental
program established to address these abandoned hazardous waste	sites. The federal Environmental
Protection Agency (EPA) administers the Superfund Program in coop	peration with the individual States and
EPA may clean up the site under a cost-share agreement using fede	a site under an agreement with EPA; or ral and state funds. State funding for cost-
share agreements on Superfund sites comes from the Water Quality	Assurance Trust Fund. Complete
information on the federal Superfund Program and individual Florida Superfund Website	Superfund sites is available on the EPA
Visible when zoomed in closer than 1:250000	
Date Added to EST 05/03/2023	
Source and Date FDEP 2023-04-03	
View Complete Metadata	
Download	
	Add Laver to Man
	Add Layer to Map

d) Scroll through the *Search Results* dialog to view individual feature layers and corresponding information. Click the *Add Layer to Map* button to add the feature.

FDEP Point Layers\FDEP Superfund/National Priority List (NPL)	
Symbols	
Description This dataset contains Superfund/National Priority List (NPL) waste cleanup sites in the State of Florid Superfund sites are hazardous waste cleanup sites that have been designated under the Comprehens Environmental Rosponse, Componsation and Liability Act of 1980 (CERCLA). Superfund is the enviro program established to address these abandoned hazardous waste sites. The federal Environmental Protection Apercy (EPA) administers the Superfund Program in cooperation with the individual States tribal governments. Responsible parties may clean up the Superfund site under an agreement with EF EPA may clean up the site under a cost-share a gareement using federal and state funds. State funding share agreements on Superfund sites comes from the Water Quality Assurance Trust Fund. Complete information on the federal Superfund Program and Individual Florida Superfund sites is available on the Superfund Website.	a. sive nmental and PA; or for cost- ie EPA
Visible when zoomed in closer than 1:250000	
Date Added to EST 05/03/2023	
Source and Date FDEP 2023-04-03	
View Complete Metadata	
Download	
d Add Layer I	o Map



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## 2. LAYER BROWSER

The Layer Browser contains the full collection of map services and feature layers. It is divided into three panes.

- Left pane List of topics in which the EST's map services are organized.
- Center pane Map service and list of feature layers within the service.
- Right pane Detailed information about the selected feature layer.

### Add Map Service or Feature Layer

- a) Navigate through the topics to your desired map service.
- b) Click the *Add Map Service* button to add the service in the map. Please note, the *Layer Browser* will close after adding a map service.
- c) Click the *Add Layer* button to add an individual layer in the map. Please note, the *Layer Browser* remains open when adding layers allowing you to quickly navigate to other layers to add them as needed.

Layer Browser		×
Social and Economic     Cultural and Tribal	Waste Map Service	FDEP Point Layers\FDEP Hazardous Waste Facilities
<ul> <li>Natural</li> <li>Physical</li> <li>Contamination</li> <li>Waste</li> <li>Infrastructure</li> </ul>	Use the <b>Add Map Service</b> button to add this map service, including all of the service's layers listed below. This will typically draw faster than adding each layer individually (using the <b>Add Layer</b> button to the right), but you cannot change the draw order of layers within the service.	To add layers individually, select a layer and click the <b>Add Layer</b> button. This lets you change the drawing order of individual layers, with the limitation that individual layers always draw on top of map services. Layers with many densely packed features may draw slower this way.
<ul> <li>Transportation</li> <li>Safety</li> <li>Emergency Response</li> </ul>	Layers b Add Map Service	Symbols
Utilities Navigation ▼ Noise Noise Barriers Noise Sensitive Sites	FDEP SuperfundNational Priority List (NPL) FDEP Dry Cleaning Program Sites FDEP Hazardous Waste Facilities > FDEP Large Quantity Generators of Hazardous Waste	Description Statewide coverage of Compliance & Enforcement Tracking for Hazardous Waste (CHAZ) Facilities. Visible when zoomed in closer than 1:250000
<ul> <li>Special Designations</li> <li>Water Resource Designations</li> <li>Administrative/Boundaries</li> <li>Resilience</li> </ul>	FDEP Off Site Contamination Notices FDEP Petroleum Contamination Monitoring Sites FDEP Storage Tank Contamination	Date Added to EST 05/03/2023 Source and Date FDEP 2023-04-03 View Complete Metadata
► SWEPT Map Services	Monitoring	Download -



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#### Layers Tool

When a map service(s) and or feature layer(s) is added to the map, they are displayed in the *Layers* tool.

- a) The map service(s) displays under the **Map Services** heading.
- b) The layer(s) displays under the **Feature Layers** heading.



## 3. ETDM Projects

Individual EST projects loaded into the map via the *Layer Loader* tool will appear as both <u>map services</u> and <u>feature layers</u>. This allows for the detailed segment-level details and analysis area buffers to be incorporated into the map (as a map service) and a simple highlight (as a feature layer) which can be drawn on top of other feature layers and map services.





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