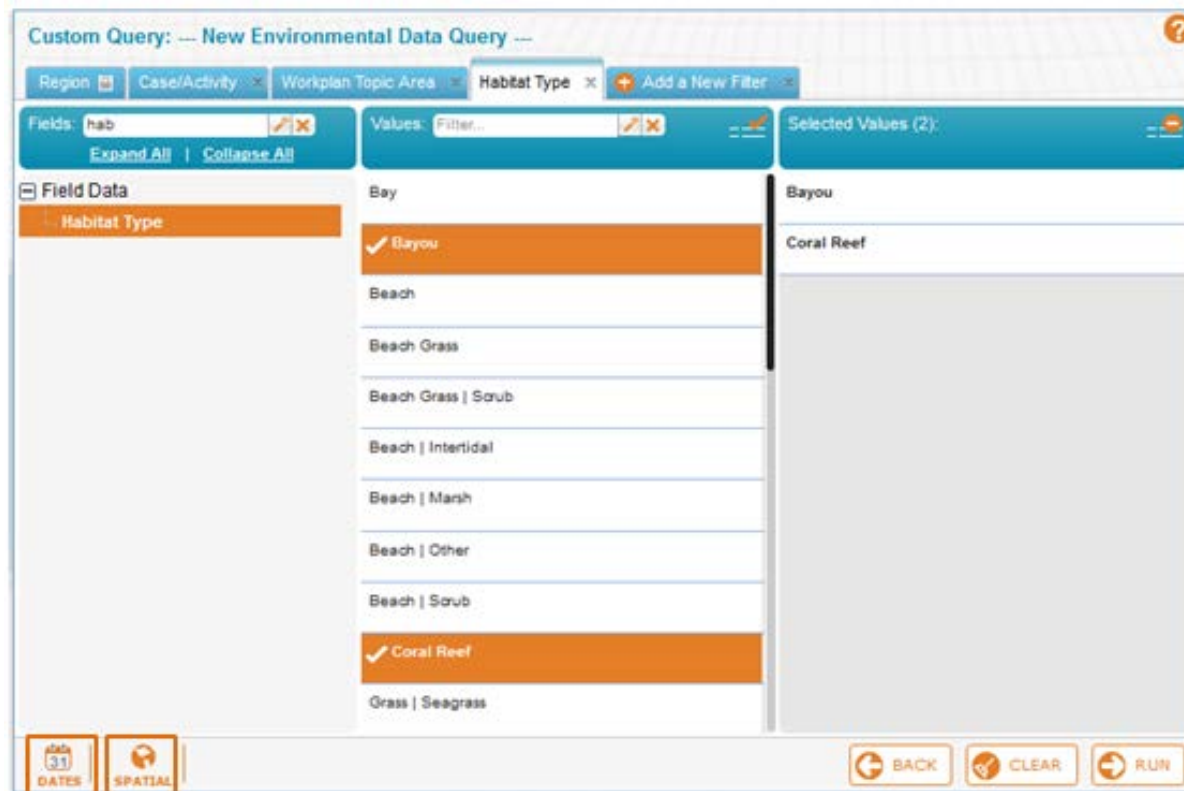


DIVER Explorer – Advanced Features

The following guide shows how to use some of the advanced features in DIVER Explorer.

1. Filtering

- a. Date and Spatial filters: When narrowing a data query, data can be filtered by date and geographic area. These filters are located on the bottom-left of the filter screen, and can be applied at any time while querying data.



- i. Date Range Filter: Use the dropdowns to specify a Start Date and End Date for the Date Range. Click “Save” to apply the filter.

Date Range Filter

Start and End dates may reflect sample date or processing date depending on the data source and methodology

Select Start and End dates to filter query results

Start Date: Earliest Date (06/07/2010)

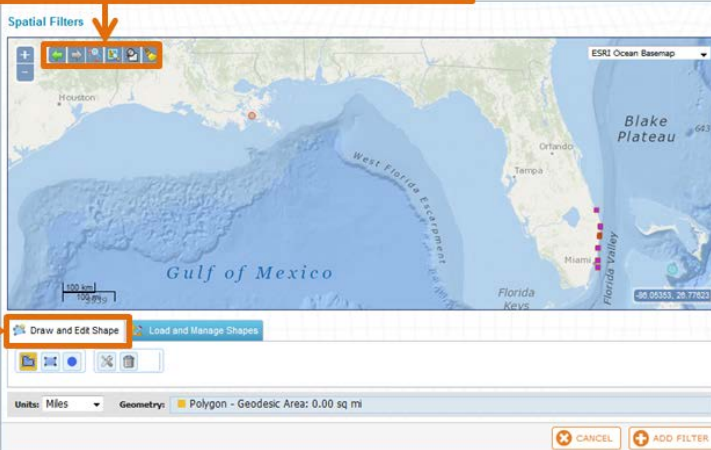
End Date: Latest Date (10/18/2011)

CANCEL CLEAR ADD FILTER

- ii. Spatial Filter: Draw and Edit Shape tool allows for filtering data geographically using custom shapes.

Switch between map views, create custom zooms, and clear map with these buttons

Create geographic areas for including or excluding data points



Spatial Filters

ESRI Ocean Basemap

Houston Orlando Tampa Miami Florida Keys

Blake Plateau

West Florida Escarpment

Gulf of Mexico

Florida Keys

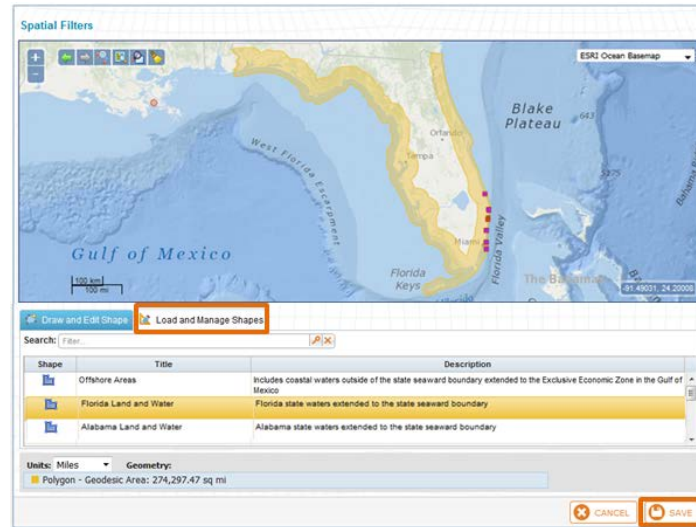
100 mi 100 km

Draw and Edit Shape Load and Manage Shapes

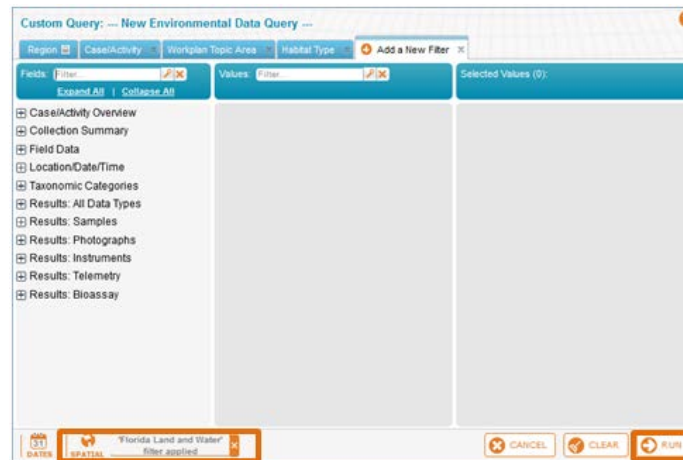
Units: Miles Geometry: Polygon - Geodesic Area: 0.00 sq mi

CANCEL ADD FILTER

- iii. Spatial Filter: Load and Manage Shapes tool allows for filtering by pre-existing geographic areas. Clicking “Save” will apply the geographic filter to the data.

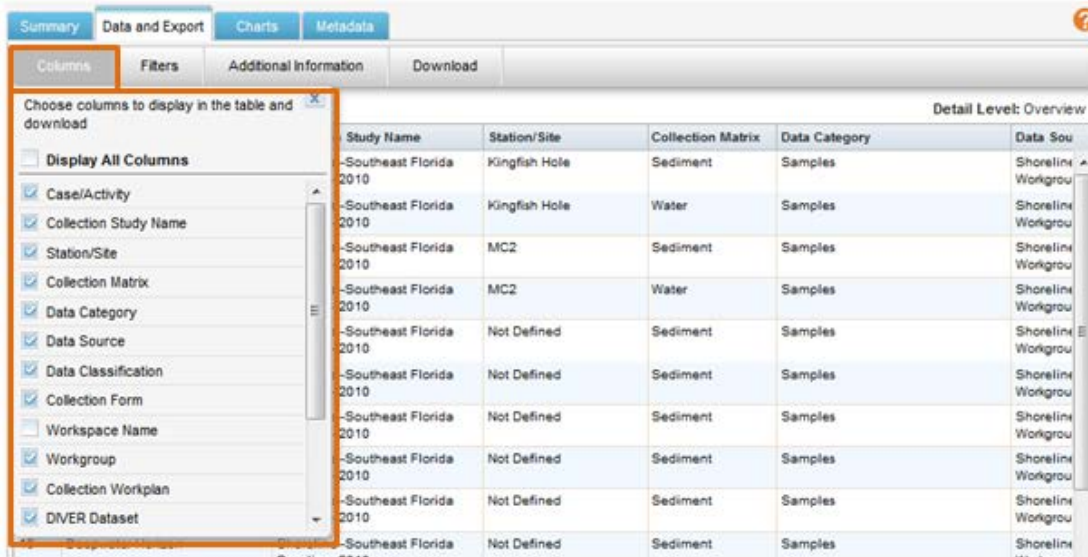


- iv. Once a date or spatial filter is applied, a message will appear describing the filter on the bottom-left of the window. To clear the filter, click on the orange tab to the right indicating “Clear”.



2. Understanding the Results

- a. Table: Displays results in a table format.
 - i. Columns can be added or removed.



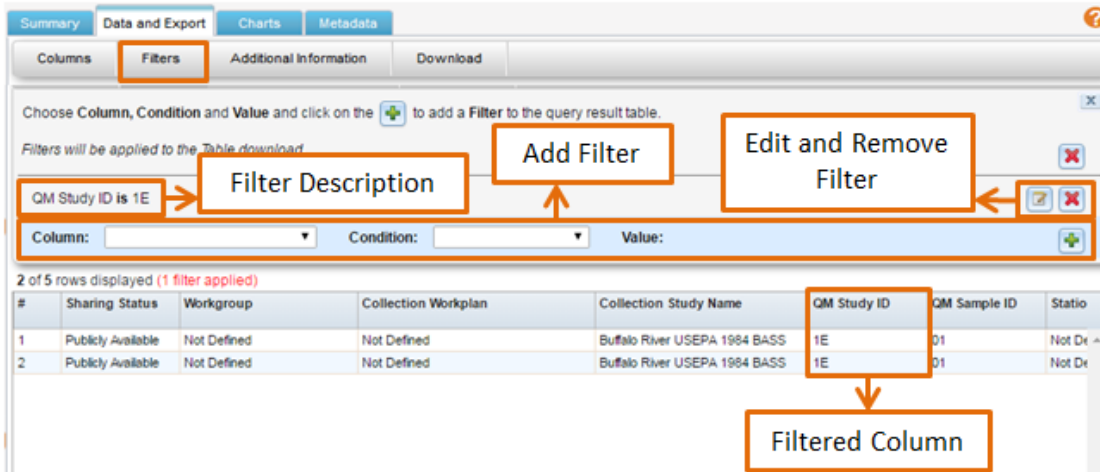
Choose columns to display in the table and download

Display All Columns

- Case/Activity
- Collection Study Name
- Station/Site
- Collection Matrix
- Data Category
- Data Source
- Data Classification
- Collection Form
- Workspace Name
- Workgroup
- Collection Workplan
- DIVER Dataset

Study Name	Station/Site	Collection Matrix	Data Category	Data Source
-Southeast Florida 2010	Kingfish Hole	Sediment	Samples	Shoreline Workgroup
-Southeast Florida 2010	Kingfish Hole	Water	Samples	Shoreline Workgroup
-Southeast Florida 2010	MC2	Sediment	Samples	Shoreline Workgroup
-Southeast Florida 2010	MC2	Water	Samples	Shoreline Workgroup
-Southeast Florida 2010	Not Defined	Sediment	Samples	Shoreline Workgroup
-Southeast Florida 2010	Not Defined	Sediment	Samples	Shoreline Workgroup
-Southeast Florida 2010	Not Defined	Sediment	Samples	Shoreline Workgroup
-Southeast Florida 2010	Not Defined	Sediment	Samples	Shoreline Workgroup
-Southeast Florida 2010	Not Defined	Sediment	Samples	Shoreline Workgroup
-Southeast Florida 2010	Not Defined	Sediment	Samples	Shoreline Workgroup

- ii. Filters can be applied to the results.



Choose Column, Condition and Value and click on the + to add a Filter to the query result table.

Filters will be applied to the Table download.

QM Study ID is 1E

Filter Description

Add Filter

Edit and Remove Filter

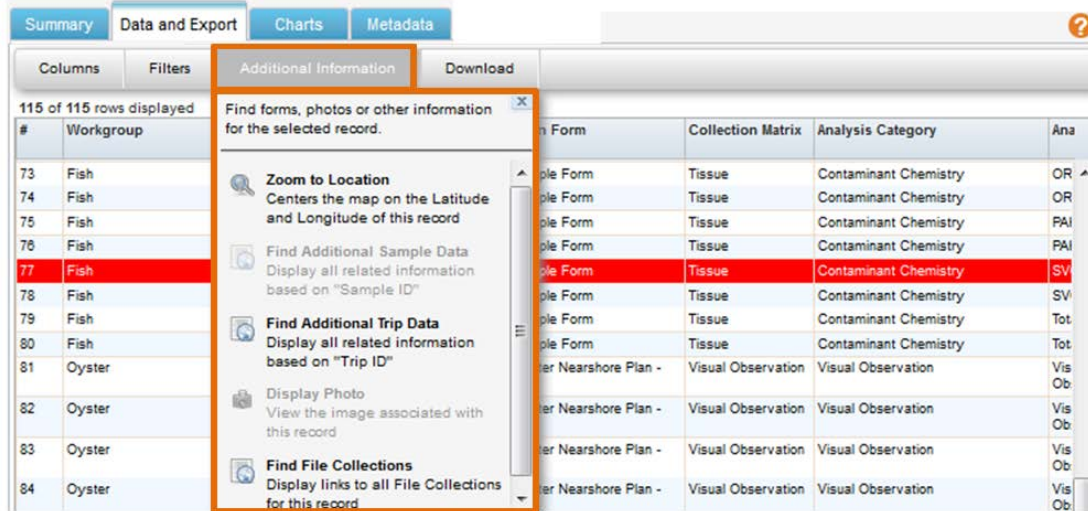
Column: Condition: Value:

2 of 5 rows displayed (1 filter applied)













#	Sharing Status	Workgroup	Collection Workplan	Collection Study Name	QM Study ID	QM Sample ID	Station
1	Publicly Available	Not Defined	Not Defined	Buffalo River USEPA 1984 BASS	1E	01	Not Dr
2	Publicly Available	Not Defined	Not Defined	Buffalo River USEPA 1984 BASS	1E	01	Not Dr

Filtered Column

- iii. Additional information, such as sample or trip data, can be found by clicking on an individual record and selecting “Additional Information” in the gray menu bar.



- b. Export – Visual Observations: When visual observations data is exported from DIVER Explorer, the resulting files consist of one “.csv” file containing the fields present in DIVER and three associated metadata files. It also consists of additional “.csv” files containing additional fields that were not incorporated into DIVER, and these additional files have three metadata files associated with each.

<p>The full visual observation forms in “.csv” format. This file contains additional datasheet fields not incorporated into DIVER Explorer.</p>	 DIVER_Explorer_2016_06_07_feeds.shoreline_obsshorelinefiddlercrabperiwinkleplotchar	Microsoft Excel Comma S...	1 KB	No
	 DIVER_Explorer_2016_06_07_feeds.shoreline_obsshorelinefiddlercrabperiwinkleplotchar	XML Document	5 KB	No
	 DIVER_Explorer_2016_06_07_feeds.shoreline_obsshorelinefiddlercrabperiwinkleplotchar	HTML Document	5 KB	No
	 DIVER_Explorer_2016_06_07_feeds.shoreline_obsshorelinefiddlercrabperiwinkleplotchar_feature_catalo...	XML Document	2 KB	No
<p>The summarized visual observations data in “.csv” format. This file contains the fields incorporated into DIVER Explorer.</p>	 DIVER_Explorer_2016_06_07_feeds.shoreline_obsshorelinetexasbaseline	Microsoft Excel Comma S...	9 KB	No
	 DIVER_Explorer_2016_06_07_feeds.shoreline_obsshorelinetexasbaseline	XML Document	5 KB	No
	 DIVER_Explorer_2016_06_07_feeds.shoreline_obsshorelinetexasbaseline	HTML Document	6 KB	No
	 DIVER_Explorer_2016_06_07_feeds.shoreline_obsshorelinetexasbaseline_feature_catalogue	XML Document	2 KB	No
<p>Metadata associated with the visual observations “.csv”. Each group of three metadata files is associated with one results file.</p>	 DIVER_Explorer_2016_06_07_Visual_Observations	Microsoft Excel Comma S...	471 KB	No
	 DIVER_Explorer_2016_06_07_Visual_Observations_ISO19115	XML Document	6 KB	No
	 DIVER_Explorer_2016_06_07_Visual_Observations_ISO19115	HTML Document	7 KB	No
	 DIVER_Explorer_2016_06_07_Visual_Observations_ISO19115_feature_catalogue	XML Document	3 KB	No

- c. Export – Map Data: Queried data can be downloaded as “.kml”, “.shp”, or ERMA Data Package formats by using the “Save Map Data” button. Clicking a format in the dropdown menu will instantly download the map data in that format.

