



## Utilizing the Reporting Tools

RIBITS provides a number of options for users to retrieve and analyze information. The available reporting tools are summarized below, followed by a detailed guide to utilizing the various options.

**Banks & ILF Sites** is one of the main navigation buttons on the left-hand side of the screen. This tool lists all banks and ILF sites entered into RIBITS filtered by the filter condition (District, State, or FWS Field Office) set in the lower left-hand corner of the screen. It also displays the bank locations on an interactive map. The user is able to select from several Quick Filters, create various other filter conditions, or search for specific information. Detailed instructions on use of this tool are found below.

The **ILF Programs** button on the left-hand side main navigation menu lists all of the ILF Program entered into RIBITS filtered by the main filter condition set in the lower left-hand corner of the page. This page shows the location of the ILF sites associated with the listed ILF Programs on the interactive map.

The **Umbrella Instruments** button on the left-hand side main navigation menu lists all of the Umbrella Instruments entered into RIBITS filtered by the main filter condition set in the lower left-hand corner of the page. This page shows the location of the Umbrella Banks associated with the listed Umbrella Instruments on the interactive map.

The **Reporting** button leads to a list of reports that are either general (apply to all Districts or States) or based on the current filter condition:

### General Reports:

**Bank & ILF Credit Tracking (interactive):** This updated tool provides robust methods to query data from the RIBITS Bank and ILF Program credit ledgers. Detailed instructions on use of this tool can be found below.

**Approved Banks (interactive):** This updated tool provides the additional flexibility to develop interactive reports.

**Approved Conservation Banks:** Provides a list of all approved conservation banks with ledger entries using species credits. It is organized by State. The report includes Bank Status, Year Established, Acres, and Available Credits.

**Approved Mitigation Banks & ILF Sites:** Provides a list of all approved mitigation banks organized by USACE District. This report includes Year Established, Number of Acres, and Available Credits.

**District Mitigation Bank Activity by Cowardin:** Totals ledger transactions for banks within each District for a specified time period. It lists Potential, Released, and Withdrawn Credits from all banks using the Cowardin System classification associated with their credit classifications. The report also provides an approximate conversion of credit totals to Acres or Linear Feet utilizing data in each bank's Initiation transactions.



**FWS Conservation Banks by Field Office:** This report provides a summary of all approved conservation banks sorted alphabetically by FWS Field Office and then Bank Name. It includes Bank Status, Year Established, Acres and Available Credits.

**NOAA Fisheries Conservation Banks by Region:** This report provides a summary of all conservation banks affiliated with NOAA Fisheries sorted alphabetically by NOAA Fisheries Region and then Bank Name. It includes Bank Status, Year Established, Acres and Available Credits.

**State Mitigation Bank Available Credits by District:** Once the user selects a state, the report lists all approved banks with service areas within the specified state's borders. In some instances, a bank's service area may include portions of more than one state and the bank will be listed under each state. Similarly, a bank's service area may extend into two or more Districts and the bank will be listed under each District. This report is sorted by District, then Credit Type (Wetland, Stream, and Species). If multiple banks are identified under a Credit Type, the ledger summary values are sub-totaled. This report sums Potential, Released, Withdrawn, and Available Credits for each of the three Credit Types. It also totals the Potential Acres or Linear Feet recorded in each bank's Initiation transactions.

### Filter-condition-specific Reports:

**Bank Summary:** Provides a list of all banks within the specified filter condition (District, State, or Field Office). It details Bank Status, Bank Type, Year Established, Total Bank Acres, Mitigation Acres (or Feet for Stream credits), Available Credits, Number of Ledger Transactions, and whether or not the bank is a Single Client bank or ILF site. The report also lists the bank location centroid in decimal degrees Latitude and Longitude and the regulatory Bank Manager and the Bank POC, including a link to their contact information.

**Helpful Tip:**  
*If a service area has not been loaded in RIBITS for a given bank, the search will NOT return information on that bank.*

**Bank Summary (interactive):** This report is similar to the previous one, but is in the new interactive format, allowing the user to develop customized reports. Refer to the detailed help on the Banks & ILF Sites below for guidance on using these interactive features.

**Available Credits by 8-digit HUC:** Lists all Approved banks whose valid service area intersects an 8-digit HUC. All 8-digit HUCs which overlap the selected filter (USACE district, FWS Office or State) are included. When a bank's service area includes portions of more than one 8-digit HUC, the bank will be listed under each 8-digit HUC. Similarly, a bank's service area may extend across two or more filter conditions causing the banks to be listed in more than one report. This report is sorted by 8-digit HUC, then by Credit Type (Wetland, Stream, and Species). If multiple banks are identified under a Credit Type, the ledger summary values are sub-totaled. This report provides Potential, Release, Withdrawal, and Available Credit totals from banks for each of the



three Credit Types (Wetland, Stream, and Species). The report also totals the Potential Acres or Linear Feet recorded in each bank's Initiation transactions.

**Available Credits by Cowardin:** Summarizes ledger transactions from Approved banks whose valid service area intersects the specified USACE District, FWS Field Office or State as of the report date. Ledger transactions are rolled-up by Credit Type (Wetland, Stream) and Cowardin System. This report provides Potential, Release, Withdrawal, and Available Credits from all banks according to the Cowardin System classification associated with their credit classifications and includes approximate conversions of credits to Acres or Linear Feet based on each bank's Initiation transactions.

**Mitigation Type Summary:** Summarizes the current total potential mitigation bank acreage or stream length for the specified District or State by Mitigation Type (re-establishment, enhancement, etc.). The report also calculates the percent of the total mitigation for each Mitigation Type (Re-establishment, Establishment, Preservation, etc.). Banks' Initiation transactions record the maximum or potential number of credits (and the acreage/linear feet they are derived from) if the banks should meet all of their performance criteria.

**Potential Credits by Mitigation Type:** Lists all Approved banks within the specified Filter Condition (ie District, State, Field Office). This report is sorted by Credit Type (Wetland, Stream, Species); then by Mitigation Type (Establishment, Re-establishment, etc.); For each bank it lists the Credit Classification, total Potential Credits, and the acreage or linear feet associated with the potential credits. A Bank's Initiation transactions record the maximum or total potential number of credits (and the associated acreage/linear feet) if that bank should meet all of its performance criteria.

**Available Credits by Credit Classification:** This report includes credit summary data from all Approved banks within the specified Filter Condition (ie District, State, Field Office, NOAA Fisheries Region). It is sorted by Credit Type (Wetland, Stream, Species), then by Credit Classification, and then by bank; listing each Bank's Available, Released, and Withdrawn credits for each Credit Classification.

**Uploaded Documents by Bank (interactive):** Provides a list of available Cyber Repository documents for each bank within the current filter condition (District or State). It includes the names of the documents, folders and the dates they were added to the site. The bank names are links to each bank's cyber repository.

**Uploaded Documents by Program (interactive):** Provides a list of available Cyber Repository documents for each program within the current filter condition (District or State). It includes the names of the documents, folders and the dates they were added to the site. The program names are links to each bank's cyber repository.

**POC List:** This report lists the point of contact information for each Bank and ILF site.

**IRT List:** This report lists the IRT member information for each Bank and ILF site.

**Manager List:** This report lists the bank manager information for each Bank and ILF site.



# RIBITS

Regulatory In-lieu Fee and Bank Information Tracking System



**Bank Credit Classification by Jurisdiction:** This report lists each bank's credit classification and the available credits grouped by jurisdiction (Federal/Non-Federal). There are several report formats to select from: Primary Report; CC Type by Jurisdiction – Approved Only; CC Type by Jurisdiction Is-ILF Approved; and Jurisdiction by Bank.

**ILF Program Summary (interactive):** Provides a list of all ILF Programs within the specified filter condition (District, State, or Field Office). It details the Program Status, Year Established, Number of Service Areas, Number of ILF Sites, Credit Types, and Last Transaction Date.



# RIBITS

Regulatory In-lieu Fee and Bank Information Tracking System



## Banks & ILF Sites:

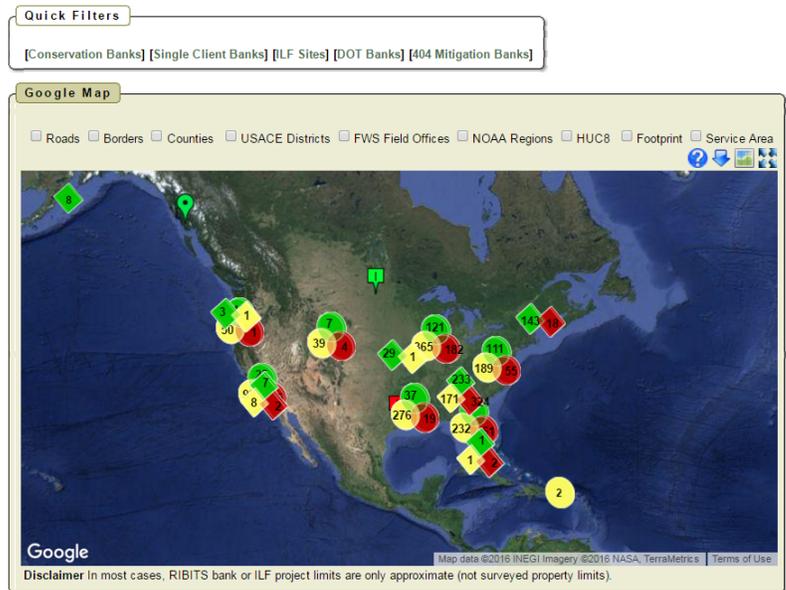
Selecting “**Banks & ILF Sites**” lists all banks and ILF sites in RIBITS filtered by the current filter condition (District, State, Field Office, or NOAA Fisheries Regions) set in the lower left-hand portion of the screen. If the filter is set to ALL DISTRICTS, ALL STATES, ALL OFFICES or ALL FISHERIES REGIONS, the list will take a few moments to load because ALL banks and ILF sites across the nation will be listed. RIBITS also displays a map showing locations of the banks and ILF sites. Depending on the zoom level, the map will contain bank and ILF clusters and/or individual bank or site icons.

Reports: 1. Primary Report Rows: All

Actions Expand Report

1 - 2914 of 2914

Name	Bank Type	Bank Status	Find
* ILF-KDFWR-Barrett Creek Restoration (ILF-I) LRL-2012-6335	Public Commercial	Pending	oo
* ILF-KDFWR-Big Farm Indian Creek Restoration Project (ILF-I) LRL-2014-209	Private Commercial	Pending	oo
* ILF-KDFWR-Boyd Creek Stream Restoration (ILF-I)	Public Commercial	Pending	oo
* ILF-KDFWR-EF Indian Creek Stream Restoration (MOA)	Public Commercial	Approved	oo
* ILF-KDFWR-EF Rogers Gap Stream Restoration (MOA)	Public Commercial	Approved	oo
* ILF-KDFWR-Eagle Creek/Higgins & Henry WMA (MOA)	Public Commercial	Approved	oo
* ILF-KDFWR-Elm Fork Minors Creek Kleber WMA (MOA)	Public Commercial	Approved	oo
* ILF-KDFWR-Goose Creek Restoration (ILF-I)	Public Commercial	Pending	oo
* ILF-KDFWR-Hatchery Creek	Combination Public/Private	Approved	oo
* ILF-KDFWR-Laurel Creek Gorge #2 (MOA)	Public Commercial	Pending	oo
* ILF-KDFWR-Laurel Creek Tributary Stream Restoration (ILF-I)	Public Commercial	Withdrawn	oo
* ILF-KDFWR-Mart Whitl Fork Stream Restoration (ILF-I)	Public Commercial	Pending	oo
* ILF-KDFWR-Meyer's Station Stream Restoration (ILF-I)	Public Commercial	Pending	oo
* ILF-KDFWR-Minors Creek Restoration Project (ILF-I)	Public Commercial	Pending	oo
* ILF-KDFWR-Old Trace Creek Restoration (ILF-I)	Public Commercial	Pending	oo



The above example is un-filtered. The example below is filtered by the state = Missouri.

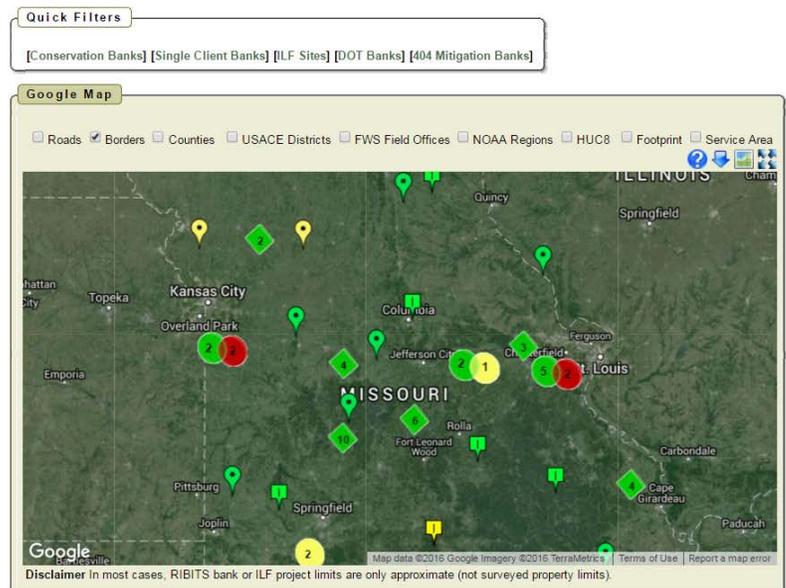
Reports: 1. Primary Report Rows: All

Actions Expand Report

State List contains 'MO'

1 - 60 of 60

Name	Bank Type	Bank Status	Find
Big Rivers Wetland Bank	Private Commercial	Approved	oo
Blue Springs Lake Wetland Mitigation Bank (MoDOT)	Single-Client	Approved	oo
Camp Branch Wetland and Stream Mitigation Bank	Private Commercial	Approved	oo
Clear Fork Wetland and Stream Mitigation Bank	Private Commercial	Approved	oo
Crane Creek Mitigation Bank	Private Commercial	Pending	oo
Fox Creek Stream Bank	Private Commercial	Sold-Out	oo
Gasconade River Wetland and Stream Mitigation Bank	Private Commercial	Pending	oo
Little Dardenna Creek Stream Mitigation Bank	Private Commercial	Approved	oo
Little Niangua River Region Stream Bank (MoDOT)	Single-Client	Approved	oo
Lower Missouri River Wetland Bank	Private Commercial	Approved	oo
Mari-Osa Delta Wetland and Stream Mitigation Bank (MoDOT)	Single-Client	Approved	oo
Maries River Region Stream Mitigation Bank (MoDOT)	Single-Client	Approved	oo
Meramec Bluffs Wetland Mitigation Bank	Private Commercial	Approved	oo
MoDOT - Boothel Region	Single-Client	Approved	oo
MoDOT Bear Creek Wetland Bank	Single-Client	Approved	oo





# RIBITS

Regulatory In-lieu Fee and Bank Information Tracking System



The list of banks to the left of the map contains a list of all banks and ILF sites in the District, State, US Fish & Wildlife Office or NOAA Fisheries Region of the selected filter condition.

Above the Google map, there are several ‘**Quick Filters**’ available. All are filtered by the selected main filter condition.

**Conservation Banks:** This report displays a list of banks which may provide offsets for impacts to federal or state-listed species or species of concern.

**Single Client Banks:** This report displays only single client banks which are developed and used by a single entity, such as a county government, military installation, or State Department of Transportation, to provide compensatory mitigation exclusively for its own permitted impacts.

**ILF Sites:** This report displays ILF Sites which are part of an approved In-lieu Fee Program that provides compensatory mitigation credits to offset impacts to waters of the US under Section 404 of the Clean Water Act, including wetlands and streams.

**DOT Banks:** This report displays DOT banks which are established solely to provide compensatory mitigation to offset State Departments of Transportation project impacts.

**404 Mitigation Banks:** This report displays banks that may provide compensatory mitigation to offset impacts to waters of the US under Section 404 of the Clean Water Act, including wetlands and streams.

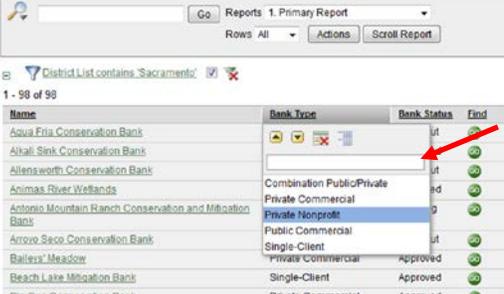
RIBITS displays the current filter conditions just above the list of banks. The user may wish to remove or disable any filter conditions placed on the list by unchecking the checkbox image  to disable or click on the red x image  to remove the filter condition

Clicking on any column heading will allow the user to order the list by that column, filter the list by a specific value in that column, remove the column, or sub group the list by that column.

Clicking the zoom button ‘**Go**’ will cause the map to zoom in on a bank’s location.

## Search for Specific Banks

The user may quickly search the list of banks by using the search feature. The search feature is located above the list of banks and the current filter conditions.



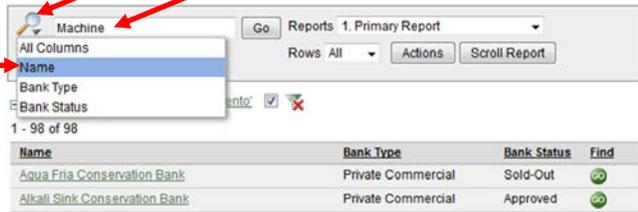
Name	Bank Type	Bank Status	Find
Aqua Fria Conservation Bank		Ut	
Alkali Sink Conservation Bank		Ut	
Allensworth Conservation Bank		Ut	
Animas River Wetlands	Combination Public/Private	Ad	
Antonio Mountain Ranch Conservation and Mitigation Bank	Private Nonpoint	Ad	
Arroyo Seco Conservation Bank	Public Commercial	Ut	
Bailers' Meadow	Single-Client	Approved	
Beach Lake Mitigation Bank	Private Commercial	Approved	
Big Gun Conservation Bank	Private Commercial	Approved	



Click the Search Icon (Magnifying Glass) and select the column to search. The default searches all columns in the list.

Enter the name or partial name of the desired bank.

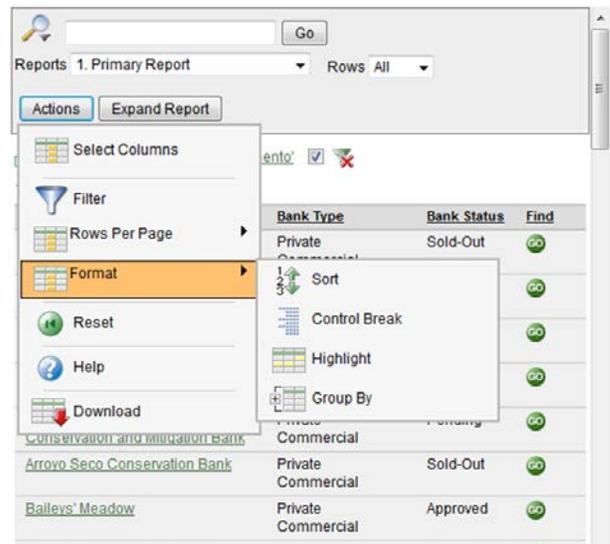
Click on the 'Go' button.



### Advanced Interactive Reporting Options:

There are many ways a user may customize a list to suit their specific reporting criteria. The user may choose from: Select Columns, Filter, Rows Per Page, Format, Reset, Help and Download.

Click the 'Actions' button to view the advanced options.



- **Select Columns:** Allows the user to choose which columns they want to display or not display in the list.
- **Filter:** Allows the user to filter the list based on their choice.
- **Rows Per Page:** Allows the user to display more or less rows than the default option.
- **Format:** Allows the user to format the displayed list by selecting one of the following:
  - **Sort:** Allows the user to sort the column on several different options.
  - **Control Break:** Allows the user to break the list in user specified sections.
  - **Highlight:** Allows the user to highlight lines in the list based on a specific condition.
  - **Group By:** Allows the user to group by report columns and perform aggregate functions.
  - **Aggregate:** Allows the user to perform mathematical computations against a column.
- **Reset:** This option removes all filters or conditions. The report is set to the default settings.
- **Help:** Explains what each feature does.
- **Download:** Allows the user to download the report in CSV format to view in excel.

### Select Columns:

The 'Select Columns' allows the user to add or remove columns displayed in the list. Click the 'Actions' button to view the columns available to be displayed or not displayed.

### Display in Report

To move columns from the 'Do Not Display' box to the 'Display in Report' box, select the name of the column in the 'Do Not Display' box.

More than one column may be moved at a time by holding 'Ctrl' + Left Click on the names of the columns selected for moving.



# RIBITS

Regulatory In-lieu Fee and Bank Information Tracking System



Once all of the columns are selected, click the right-facing arrow key.

To change the order the columns are shown in the report list, select the column to re-order and click the up and down arrow keys.



## Do Not Display

To move columns from the 'Display in Report' box to the 'Do Not Display' box, select the columns to move from the list in the 'Display in Report' box.

More than one column can be moved at a time by holding 'Ctrl' + Left Click on the names of the columns selected for moving.

Once all of the columns are selected, click the left-facing arrow key.



To move all columns from one side to the other, click the double right-facing arrow or the double left-facing arrow.



Click 'Apply' when columns are in the appropriate boxes.




 Rows

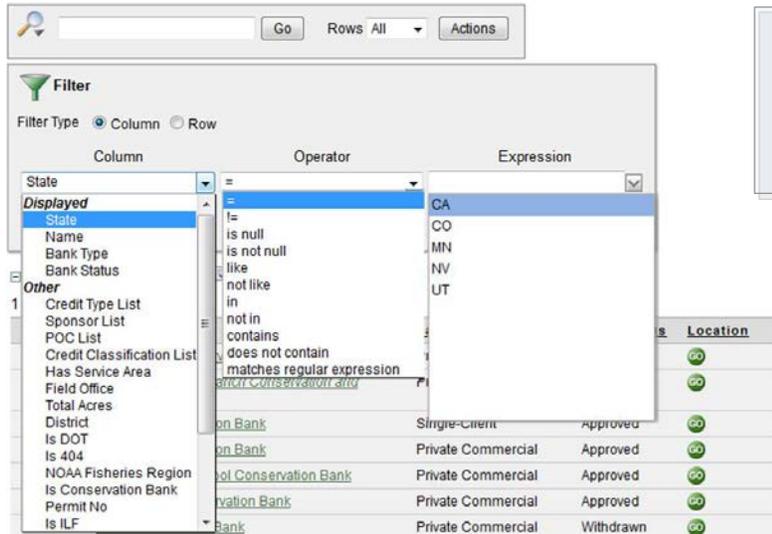
 **Select Columns**

Do Not Display		Display in Report
Bank Id		State
<b>Credit Type List</b>		Name
Sponsor List		Bank Type
POC List		Bank Status
<b>Credit Classification List</b>		<b>Location</b>
<b>Has Service Area</b>		Bank Location(Display On Map)
Field Office		
<b>Total Acres</b>		
District		
Is DOT		



**Filter:**

The **'Filter'** allows the user to filter the displayed list by any of the available columns.



*NOTE: DEPENDING ON THE COLUMN SELECTED THE EXPRESSION FIELD MAY HAVE A DROP DOWN TO SELECT FROM.*

Choose the column from the dropdown list to filter.

Choose the Operator.

Choose or enter the expression on which the list is filtered.

Click **Apply**.

**Explanation of Operators:**

- = the entered text exactly equals the text you are searching for
- != the entered text does not equal the text you have entered
- Is null** is empty or no content
- Is not null** is not empty or has some content
- Like** text is like the expression.  
Use % to match anything.  
Use \_ to match any one character.

**Example:**

- RIBITS filter is set to State - CA
- Click the **'Actions'** button
- Choose Filter
- For the **'Column'** field, select **"Name"**
- For the **'Operator'** field, select **'like'**
- Enter Expression: **%ol%**
- Returns: Dolan Ranch and Barry Jones – Skunk Hollow

**Not Like** the text is Not Like the specified expression.

**Example:**

- RIBITS filter is set to District – Sacramento
- Click the **'Actions'** button
- Choose Filter
- For the **'Column'** field, select **"Name"**
- For the **'Operator'** field, select **'not like'**
  - Enter Expression: **%Laguna%**



- The results will return all banks except the ones that match the text you filtered on.

## In

IN a comma separated list.

### Example:

- RIBITS filter is set to District – Norfolk
- Click the ‘**Actions**’ button
- Choose ‘**Filter**’
- ‘**Column**’: “**Bank Type**”
- ‘**Operator**’: ‘**in**’
- Enter ‘**Expression**’: **Private Commercial, Private Nonprofit, Combination Public/Private**
- The results will return all banks with the entered bank types.

## Not in

Not In a comma separated list.

### Example:

- RIBITS filter is set to District – Norfolk
- Click the ‘**Actions**’ button
- Choose ‘**Filter**’
- ‘**Column**’: “**Bank Type**” set the operator to ‘**not in**’
- Enter ‘**Expression**’: **Private Commercial, Private Nonprofit, Combination Public/Private**
- The results will return all banks that do not have the entered bank types.

## Contains

the selected field/column to search contains the expression entered.

### Example:

- RIBITS filter is set to District – Norfolk
- Click the ‘**Actions**’ button
- Choose ‘**Filter**’
- ‘**Column**’: Credit Type List
- ‘**Operator**’: ‘**contains**’
- Enter ‘**Expression**’: **Stream**
- The results will return all banks with Stream listed as a credit classification

## Does not contain

the selected field/column to search does not contain the expression entered.

### Example:

- RIBITS filter is set to District – Norfolk
- Click the ‘**Actions**’ button
- Choose ‘**Filter**’
- ‘**Column**’: Credit Type List
- ‘**Operator**’: ‘**does not contains**’
- Enter ‘**Expression**’: **Stream**



- The results will return all banks where Stream is not listed as a credit classification.

**Matches Regular Expression** is matched using an advanced option

Regular Expressions are an advanced option that most users will not need.

**Example:**

- RIBITS filter is set to District – Norfolk
- Click the ‘**Actions**’ button
- Choose ‘**Filter**’
- ‘**Column**’: Credit Classification List
- ‘**Operator**’: ‘**matches regular expression**’
- Enter ‘**Expression**’: **Laguna|River|Stillwater**
- A list of banks with Laguna, River or Stillwater in its name will display such as “Santa Ana River”, “Laguna Valley” etc.

**Format/Sort:**

The ‘**Sort**’ feature allows the user to sort the report by several different levels by Ascending and Descending order.

Choose the column from the dropdown list to sort by first.

Choose either **Ascending** or **Descending**.

**Null Sorting:** Allows the user to choose how Null or empty fields are treated.

**Nulls Always Last** will put any rows last that have an empty field in the column chosen to sort by.

**Nulls Always First** will put any rows first that have an empty field in the column chosen to sort by.

Click ‘**Apply**’.

Repeat for any additional levels of sorting.

	Column	Direction	Null Sorting
1	State	Ascending	Default
2	Name	Ascending	Default
3	- Select Column -	Ascending	Default
4	- Select Column -	Ascending	Default
5	- Select Column -	Ascending	Default
6	- Select Column -	Ascending	Default

Buttons: Cancel, Apply



## Format/Control Break:

The **'Control Break'** allows the user to break the report into sections based on the content of the selected columns.

Choose the column from the drop down box.

Set the Status to enable.

Click **'Apply'**.

	Column	Status
1	- Select Column -	Enabled
2	- Select Column -	Enabled
3	- Select Column -	Enabled
4	- Select Column -	Enabled
5	- Select Column -	Enabled
6	- Select Column -	Enabled

## Format/Highlight:

The **'Highlight'** feature allows the user to highlight certain rows in the report list. For example, the user does not want to display the entire column but wants to know which banks do not have footprints or service areas loaded, the user can highlight them and know without displaying the column.

Enter a name for the Highlight.

Leave the Sequence set to 10.

Leave the Enabled to Yes.

Leave the Highlight Type to Row.

Column	Operator	Expression
State	=	

### Background Color:

There are five (5) presets available: yellow, green, blue, orange, and red.

To choose a different color, click on the multi-colored square and click on a colored square from the pop-up window.

### Text Color:

There are five (5) presets available: yellow, green, blue, orange, and red.

To choose a different color, click on the multi-colored square and click on a colored square from the pop-up window.

Choose the Column to highlight from the column drop down list.

Choose the Operator. (For more information about operators see page 4 and 5).

Choose or enter the Expression.

Click **'Apply'**.

**Helpful Tip:**  
Filter and search conditions may apply to both visible and non-visible columns.



## Format/Group By

Users can define one Group By report per saved report. Once defined, you can switch between the group by and report views using links below the Search bar.

Select the columns on which to group (up to 3 columns can be selected).

Select the columns to aggregate along with the function to be performed (ex. average, sum, count, etc.).

Select the columns to use for sorting (up to 3 columns can be selected along with direction and null sorting options).

District = 'Norfolk'    
[Edit Group By](#)

1 - 7 of 7

<u>Credit Type List</u>	<u>Average Acres</u>
-	257.96
Stream, Wetland	262.78
Stream	188.42
Wetland, Wetland, Wetland	10.64
Wetland	133.26
Stream, Wetland, Wetland	303.17
Wetland, Wetland	433.95



### Bank & ILF Credit Tracking (interactive):

This report is located under the **Reporting** button on the main navigation menu. It contains the same interactive query tools as the Banks and ILF Sites with the addition of an **'Aggregate'** function. However, the basic information displayed is from the banks' or ILF Program's credit ledgers.

Credit Tracking for USACE District: Norfolk

Go  Reports: 1. Primary Report Rows: 100 Actions

1 - 100 of 5784

Type	District List	State List	FWS List	NMFS List	Name	Status	Bank/Program Type	Credit Type	Credit C
Bank	Norfolk	Virginia	Virginia	Northeast	Appomattox	Approved	Private Commercial	Wetland	Wetland

This report contains many columns by default. This report contains ten default reports users can switch between. On the Actions Menu bar, click the dropdown labeled **'Reports'** and select one of the other reports listed.

Go  Reports: 1. Primary Report Rows: 100 Actions

1 - 100 of 6349

Type	FWS List	NMFS List	Name	Status	nsferred	Transaction Date	Tr
Bank	Virginia	Northeast	Appomattox	Approv		01/26/2017	W
Bank	Virginia	Northeast	Appomattox	Approv		03/16/2017	W
Bank	Virginia	Northeast	Appomattox	Approv		12/30/2015	W
Bank	Virginia	Northeast	Appomattox	Approv		08/08/2016	W
Bank	Virginia	Northeast	Appomattox	Approv		10/15/2015	W
Bank	Virginia	Northeast	Appomattox	Approv		10/08/2015	W

- Primary Report:** Displays both the bank ledger transactions and the ILF program ledger transactions.
- Banks Only:** Displays only bank ledger transactions.
- Programs Only:** Displays only program ledger transactions.
- Bank Credit Withdrawal Transactions by Credit Classification:** Displays credit withdrawals grouped by credit classifications.
- Bank Mitigation Type Acres:** A chart which displays banks' initiation transactions which includes the mitigation type and the acres.
- Bank Non-Stream Acres by Transaction Type:** A chart which displays the total number of acres by transaction type for banks that do not have stream credits.
- Bank Non-Stream Credits by Transaction Type:** A chart which displays the total number of credits by transaction type for banks that do not have stream credits.
- Bank Non-Stream Withdrawals by Credit Classification:** A chart which displays the total number of withdrawn credits by credit classification.
- Bank Stream Credits by Transaction Type:** A chart which displays the total number of stream credits by transaction type for stream banks.
- Bank Stream Withdrawals by Credit Classification:** A chart which displays the total number of withdrawn credits by credit classification for stream banks.



Savvy users will adjust the visible columns to those they are most interested in. Users should carefully think about their customized queries and review the results. Some search conditions might give unintended results and need to be carefully vetted by the user prior to use. In order to demonstrate the functionality of this tool, let's work through a hypothetical example, using many of the interactive report capabilities. Set your main filter condition to the **Fort Worth USACE District**.

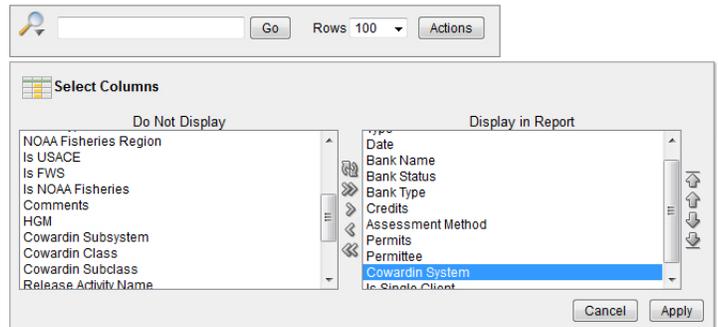
Click the **'Reporting'** button and select Bank & ILF Credit Tracking (interactive).

Click the **'Reports'** dropdown and select the Banks Only report.

Now we want to *select columns* we are specifically interested in.

Click the **'Actions'** button.

Click **'Select Columns'**.



*before the pipe symbol.*

These columns are the ones we want displayed in the report. Transaction Date, Name, Bank Status Credits, Assessment Method, Permits, Permittee, Cowardin System, Is DOT, Bank/Program Type and Is Single Client

Add any columns we want displayed if not in the Display in Report box.

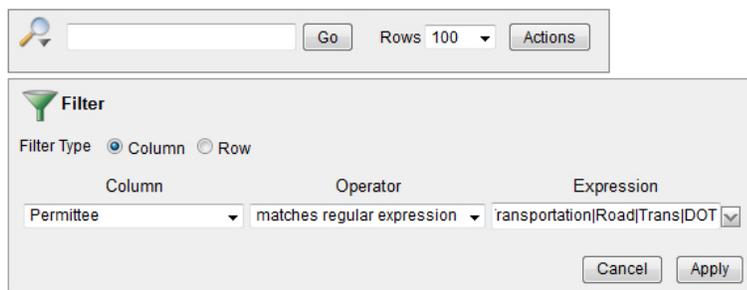
Remove any extra columns needed.

Click **'Apply'**.

Since we are only interested in credit sales, set a **'Filter'** condition of **'Transaction Type' = Wdr**.

Now, to search for all permittees that contain the words Transportation, DOT, Road, **or** Trans, set up a complex **'Filter'** condition to satisfy the "OR" requirement:

- Select **'Permittee'** in the Column field.
- Select **'matches regular expression'** for the Operator dropdown [only way to implement an 'or' condition].
- Enter the following expression: Transportation|Road|Trans|DOT



Since we are interested in how many credit transactions are to the single-client banks vs the commercial banks, set a **control break** on Bank Type.



# RIBITS

## Regulatory In-lieu Fee and Bank Information Tracking System

Credit Tracking for USACE District: Fort Worth

Go Reports: 2 Banks Only Rows: 200 Actions

- Type = 'Bank'
- Transaction Type = 'Wdr'
- Permittee matches regular expression 'Transportation|Road|Trans|DOT'
- Bank/Program Type

1 - 162 of 162

Bank/Program Type : Private Commercial

Name	Status	Transaction Date	Credit Classifications	Credits	Permittee	Permit List	Is Single Client	Is DOT	Cowardin System
Pinerwoods Mitigation Bank	Approved	22-JUL-15	Riverine Non-Forested IHGM Chemical	.3	Energy Transfer Crude Oil Company, LLC	SWG-2014-00774	No	No	Riverine
Pinerwoods Mitigation Bank	Approved	22-JUL-15	Riverine Non-Forested IHGM Biological	.5	Energy Transfer Crude Oil Company, LLC	SWG-2014-00774	No	No	Riverine
Pinerwoods Mitigation Bank	Approved	22-JUL-15	Riverine Non-Forested IHGM Physical	.3	Energy Transfer Crude Oil Company, LLC	SWG-2014-00774	No	No	Riverine
Pinerwoods Mitigation Bank	Approved	13-AUG-12	Riverine Forested IHGM Chemical	22.7	TransCanada Keystone Pipeline, LP	SWF-2012-00143	No	No	Riverine
Pinerwoods Mitigation Bank	Approved	13-AUG-12	Riverine Forested IHGM Biological	40.8	TransCanada Keystone Pipeline, LP	SWF-2012-00143	No	No	Riverine
Pinerwoods Mitigation Bank	Approved	13-AUG-12	Riverine Forested IHGM Physical	21.1	TransCanada Keystone Pipeline, LP	SWF-2012-00143	No	No	Riverine
Pinerwoods Mitigation Bank	Approved	02-AUG-12	Riverine Forested IHGM Chemical	88.8	TransCanada Keystone Pipeline, LP	SWG-2012-00346	No	No	Riverine
Pinerwoods Mitigation Bank	Approved	02-AUG-12	Riverine Forested IHGM Biological	157.8	TransCanada Keystone Pipeline, LP	SWG-2012-00346	No	No	Riverine

Now review your results! If you filtered on the USACE District Fort Worth, you will note several transactions for 'TransCanada' and 'Energy Transfer' which are utility related transactions, not DOT.

After reviewing, remove the 'Trans' from the filter condition by clicking on the condition (green text) and editing it.

Go Reports: 2 Banks Only Rows: 200 Actions

- Type = 'Bank'
- Transaction Type = 'Wdr'
- Permittee matches regular expression 'Transportation|Road|DOT'
- Bank/Program Type

1 - 110 of 110

Bank/Program Type : Private Commercial

Name	Status	Transaction Date	Credit Classifications	Credits	Permittee	Permit List	Is Single Client	Is DOT	Cowardin System
Pinerwoods Mitigation Bank	Approved	10-DEC-09	Riverine Non-Forested IHGM Chemical	.1	Texas Department of Transportation	SWG-2006-00920	No	No	Riverine
Pinerwoods Mitigation Bank	Approved	10-DEC-09	Riverine Non-Forested IHGM Biological	.1	Texas Department of Transportation	SWG-2006-00920	No	No	Riverine
Pinerwoods Mitigation Bank	Approved	10-DEC-09	Riverine Non-Forested IHGM Physical	.1	Texas Department of Transportation	SWG-2006-00920	No	No	Riverine
Pinerwoods Mitigation Bank	Approved	10-DEC-09	Riverine Non-Forested IHGM Chemical	.1	Texas Department of Transportation	SWG-2006-00920	No	No	Riverine
Pinerwoods Mitigation Bank	Approved	10-DEC-09	Riverine Non-Forested IHGM Biological	.1	Texas Department of Transportation	SWG-2006-00920	No	No	Riverine
Pinerwoods Mitigation Bank	Approved	10-DEC-09	Riverine Non-Forested IHGM Physical	.1	Texas Department of Transportation	SWG-2006-00920	No	No	Riverine

Now, the list is a more accurate report of the information we are interested in. It is still very important to review the results: For example, a permittee named Sage Crossroads LLC would still display, matching 'road'.

### Format/Aggregate

Aggregates are mathematical computations performed against a column. Aggregates display after each control break and at the end of the report within the column they are defined. Options include:

- **Aggregation** enables you to select a previously defined aggregation to edit.
- **Function** is the function to be performed (for example, SUM, MIN, AVERAGE, etc.)
- **Column** is used to select the column to apply the mathematical function to. Only numeric columns display.



Aggregate

Aggregation - New Aggregation -  
Function Average  
Column - Select Column -

- Select Column -  
Displayed  
Credits  
Other  
Impact HUC  
Impact Quantity

Aggregate

Aggregation - New Aggregation -  
Function - Select Function -  
Column - Select Column -

Cancel Apply

Rows 100

- Select Function -  
Sum  
Average  
Count  
Count Distinct  
Minimum  
Maximum  
Median

## Format/Chart

Interactive Reports often have the option to produce graphs under Action/Format/Chart button. Users can specify the type of chart to be bar charts, pie charts or line graphs. Right clicking on the charts gives option to save as image, pdf, or print. Examples of charts may be found on any bank's credit ledger under reports dropdown. Images below show setup for Credit Classification bar chart.

1. Credit Classifications
2. Transaction Type

Chart

Chart Type

Label Credit Classification  
Value Credits  
Function Sum  
Sort Value - Descending

Axis Title for Label Credit Classification  
Axis Title for Value Credits

Cancel Delete Apply

