



RIBITS User Handbook

RIBITS
Regulatory In-lieu Fee and Bank Information Tracking System

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Navigation

- Home
- Mitigation Concepts
- Existing Banks & ILF Sites
- Reporting
- Bank Establishment
- Assessment Tools
- Credit Classifications
- Related Sites
- Training
- ILF Programs

Map for Sacramento

Roads Borders

Map showing the United States with Sacramento highlighted. Other cities marked include Seattle, Portland, Walla Walla, Omaha, St Paul, Detroit, Chicago, Rock Island, Buffalo, New York, San Francisco, Philadelphia, Louisville, Huntington, Pittsburgh, Kansas City, Norfolk, St Louis, Little Rock, Nashville, Wilmington, Los Angeles, Albuquerque, Tulsa, Memphis, Charleston, Savannah, Vicksburg, Mobile, Ft Worth, New Orleans, Jacksonville, and Galveston.

Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Image USDA Farm Service Agency
Image © 2010 TerraMetrics
Image © 2010 DigitalGlobe

New Items

- [Plug-in Information](#)

Map Results

Select One To Filter By

LOGOUT MTHOMPSON

USACE District: Sacramento

State: ALL STATES

USFWS Field Office: ALL OFFICES



RIBITS Background

Federal resource agencies, including the U.S. Army Corps of Engineers (Corps), started an initiative several years ago to better track mitigation banking. The product resulting from this initiative is the RIBITS (**R**egulatory **I**n-Lieu Fee and **B**ank **I**nformation **T**racking **S**ystem), which was developed by the Corps Engineer Research and Development Center (ERDC) and Applied Research Associates, Inc. (ARA). In accordance with a national initiative, most Districts have completed loading mitigation bank data into RIBITS which is intended to bring transparency to mitigation banking (as well as In-Lieu Fee programs in the future) by providing public access to the location of bank sites, bank service areas, available credits and bank points of contract.

RIBITS Instructions for Public Users

The screenshot shows the RIBITS web application interface. At the top, there is a header with the RIBITS logo and the text 'Regulatory In-lieu Fee and Bank Information Tracking System'. Below the header is a navigation menu with the following items: Home, Mitigation, Existing, Reporting, Bank Est, Assessm, Credit Cl, Related, Training, and ILF Progr. A dropdown menu is open, listing all districts: ALL DISTRICTS, Alaska, Albuquerque, Baltimore, Buffalo, Charleston, Chicago, Detroit, Fort Worth, Galveston, Honolulu, Huntington, Jacksonville, Kansas City, Little Rock, Los Angeles, Louisville, Memphis, Mobile, Nashville, New England, New Orleans, New York, Norfolk, Omaha, Philadelphia, Pittsburgh, Portland, Rock Island, and Sacramento. Below the navigation menu is a 'Select One To Filter By' section with a 'LOGIN' button and three dropdown menus: 'USACE District' (set to ALL DISTRICTS), 'State' (set to ALL STATES), and 'USFWS Field Office' (set to ALL OFFICES). There is also a 'Feedback' button with an information icon.

The newest version of RIBITS can be found at <https://rsgis.crrel.usace.army.mil/ribits/f?p=107> or, if you are an authorized user in ORM, you can access it from the Applications box on the ORM home page

Do not attempt to enter a Username or Password; instead go to the box in the lower left corner of the page labeled “Select One to Filter By”

Select the Corps District, State, or U.S. Fish & Wildlife Service Field Office you are interested in from the drop down lists. That will take you to that District, State, or USFWS Field Office’s RIBITS pages.

CONVENTION NOTE: As used in this handbook, unless specifically addressed otherwise, the terms “bank” or “banks” applies to both mitigation banks and in-lieu-fee projects.

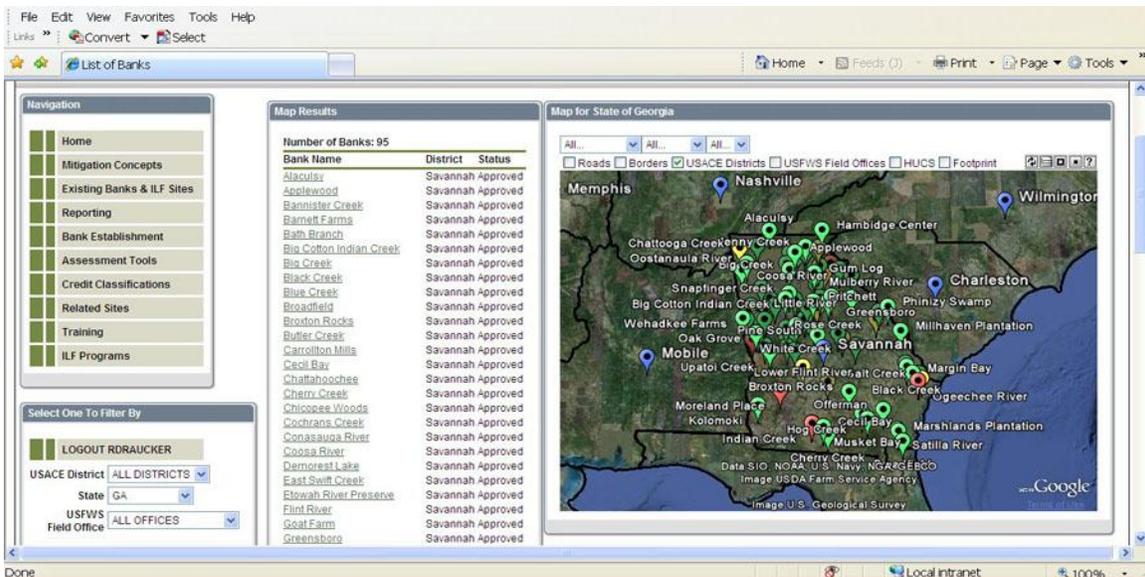


General navigation around the RIBITS site is accomplished by use of the buttons located within the Navigation box on the left side of the page. Each button provides information on a different aspect of mitigation and mitigation banking. Both National and District-specific guidance is available for each of these topics based on the District selected when entering the site. For example:



- “Mitigation Concepts” includes copies of the Mitigation Rule and a very helpful glossary of terms.
- “Existing Banks & ILF Sites” will provide a list of all publicly viewable mitigation bank and ILF projects within the area selected.
- The “Reporting” button allows the user to prepare and execute queries of the data in RIBITS.
- “Bank Establishment” identifies useful information related to the establishment of mitigation banks that is applicable across the United States and any District-specific guidance.
- “Assessment Tools” provides references to aid in understanding the assessment methodologies utilized in the selected District.
- “Credit Classifications” identify the types of wetland and stream credits available for the specified District.

If you select “Existing Banks & ILF Sites”, the system will take a few moments to generate a list of Approved bank sites. If you have not already selected an area of interest as noted on page 1, you will be provided with a list of ALL approved banks projects within the Corps. On this screen and on all screens associated with the bank projects which include a Google Earth map box, the system operates a bit slower due to the data pull from Google Earth.



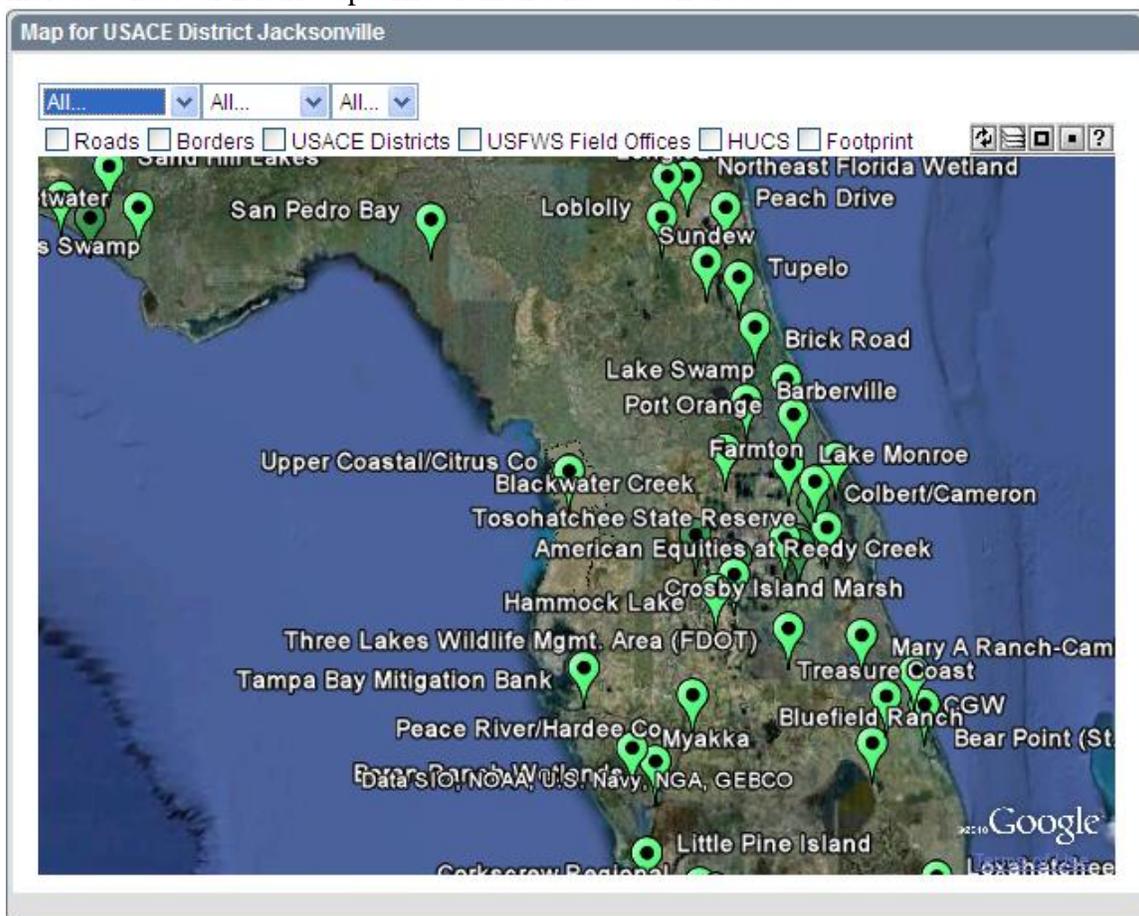


The Google Earth map box includes some features to allow you to filter the banks shown or to make some other features visible.

The filter boxes are dropdown menus. The first filter box (on the left) allows you to view banks based on status. These include “Approved, Suspended, Pending, Sold-Out and Terminated.” As a general user, you will only see banks which have been opened to public viewing and the color of the icon for each bank will identify the basic status of Approved (green), Pending (yellow) and Suspended, Sold-Out or Terminated (red).

The second filter box uses bank type to limit what is viewed. Currently the types are limited to “Wetland, Stream or Species.”

The third filter box is tied to what is selected in the Second filter box. The dropdown will include whatever District specific elements have been created.



The Check-box items are self-explanatory as to what will be visible when they are checked. As is common with Google Earth, different components of the selected features will be visible at different elevations.



The small toolbar  provides additional ways to manage the Google Earth map box and features. Clicking the “?” will provide the following information:

Approved  Pending  Suspended/Sold-Out/Terminated 

Maximum Map Size:  Regular Map Size 

Layers

Check/uncheck to show/hide the corresponding layers:

- **Roads:** Displays road map information for the viewing area, including major highways, county roads, and streets.
- **Borders:** Displays coastlines, states, and counties.
- **Districts:** Displays USACE districts.
- **Hucs:** Displays HUCs.
- **Footprints:** Displays Footprint of Banks.

***Note:** So that the map remains responsive, Districts and Hucs are not automatically updated when you pan and/or zoom the map. If either checkbox for Districts or Hucs is selected, you may press the **Refresh Layers**  button to refresh the districts and hucs in the current view.

Keyboard Commands

- Ctrl-click on the map to identify the features under the clicked point.
- Ctrl-click on a district to select the district and display its banks.
- Click on a bank to see its credit ledger.
- Ctrl-click on a bank to toggle the display of its service area.
- Alt-click on the map to return only those banks in the selected district whose service areas overlap the clicked point.

***Note:** Press the **Refresh Banks**  button to display all banks for the selected district. Useful to redisplay banks after performing a service area query with the Alt-click command.

Some additional notes on the click commands provided above:

Control - Click on the map to find out details for that point, including the lat/long of the point, the county, and watershed in which the point is located. In order to get the lat/long of a bank, you must click on the bottom of the bank’s icon

Click on the icon of a bank and you will get an overview of the bank’s credit balance including available credits and the date of the most recent credit transaction..

Control - Click on a bank will provide the Service Area for that bank, but **ONLY** if one has been loaded

Alt - Click on a point on the map to get a list of the banks whose service area overlaps the clicked point. This feature relies on having all bank service areas uploaded into RIBITS.



Clicking on one of the listed banks takes the user to a summary page for that bank. The summary page will include several information boxes containing general information on the bank project (including the Functional Analysis used at that project), contact information for the bank, the Google Earth interface and a summary of the credit ledger.

Map Results

Number of Banks: 50

Bank Name	District	Status
American Equities at Reedy Creek	Jacksonville	Approved
Barberville	Jacksonville	Approved
Bear Point (St. Lucie Co-Mosquito Control District)	Jacksonville	Approved
Big Cypress	Jacksonville	Approved
Big Cypress, Phase VI	Jacksonville	Approved
Blackwater Creek	Jacksonville	Approved
Bluefield Ranch	Jacksonville	Approved
Boran Ranch Wetlands	Jacksonville	Approved
Breakfast Point	Jacksonville	Approved
Brick Road	Jacksonville	Approved
CGW	Jacksonville	Approved
Colbert/Cameron	Jacksonville	Approved
Corkscrew Regional	Jacksonville	Approved
Crosby Island Marsh	Jacksonville	Approved
Devil's Swamp	Jacksonville	Approved
East Central Florida - Eco Bank	Jacksonville	Approved
FP&L Everglades Phase I	Jacksonville	Approved
FP&L Everglades Phase II	Jacksonville	Approved
Farmton	Jacksonville	Approved
Florida Mitigation Bank	Jacksonville	Approved
Florida Wetlandsbank at Pembroke Pines	Jacksonville	Approved
Garcon Peninsula	Jacksonville	Approved
Hammock Lake	Jacksonville	Approved
Lake Louisa/Green Swamp Ecobank	Jacksonville	Approved
Lake Monroe	Jacksonville	Approved
Lake Swamp	Jacksonville	Approved
Little Pine Island	Jacksonville	Approved
Loblolly	Jacksonville	Approved
Longleaf	Jacksonville	Approved
Loxahatchee	Jacksonville	Approved
Mary A Ranch-Cambell Property	Jacksonville	Approved
Myakka	Jacksonville	Approved



By clicking on one of the action buttons, such as “View Ledger” or “Cyber Repository” located in the upper right portion of the screen, under the “frog”, the user can access data specific to that bank.



Once you have clicked on one of these actions, you will be taken to another screen which will have additional action/s buttons available. These will be listed in the same manner as the ones shown above. ‘Bank Info’ will be a selection on each screen and it will return you to the main bank screen.

View Ledger will take you to the ledger for that specific bank. Here you can see each individual entry in the ledger as well as an overview of transaction usage. Additionally, you can query the ledger using several different filters or text. To see if credits were purchased to satisfy a specific permit, you would type the permit number in the box labeled “Permit No.” To make sure you get the best return, only enter the sequential portion of the permit number and press the “Enter” key on your keyboard. For example, to see if credits have been purchased for SAJ-2005-08502, you just need to enter 8502 in the “Permit No” text box and press the “Enter” key.

Ledger data can be exported by clicking “Export to Excel” in the lower left corner of the ledger.

Bank Contact Sheet will take you to a screen where you can view information concerning who is part of the IRT and who is the bank manager for the Corps for that bank site.

Annual Inspections will provide a list of any annual inspections which have taken place.

Cyber Repository will take you to a screen where different documents pertaining to that bank/ILF project are stored and can be downloaded.

Photo Gallery – self explanatory.

RIBITS

Regulatory In-lieu Fee and Bank Information Tracking System



This is the screen you will see when you click **View Ledger**. From here you can view/query the ledger using several different filters or text and export the results to an Excel spreadsheet. The “Export to Excel” button will be located in the lower left corner of the ledger.

The screenshot shows the RIBITS web application interface. At the top, there is a navigation bar with links for [Bank Info], [Credit Release Schedule], and [Existing Banks]. Below this, there are three main sections: 'Credit Ledger at a Glance for Upper Coastal/Citrus Co', 'Query Ledger', and 'Query Ledger District Specific Fields'. The 'Query Ledger' section contains several filters: 'Extended View' (radio buttons for No and Yes), 'Transaction Type' (dropdown menu), 'Credit Classification' (dropdown menu), 'Jurisdiction' (dropdown menu), and 'Permit No' (text input field). The 'Query Ledger District Specific Fields' section has 'Display Name' and 'Value' dropdown menus for 'Silver' and 'Purple'. Below these sections is a table with columns: Type, Jurisdiction, Date, Credits, Permits, Credit Classification, Impact HUC, Impact Quantity, TW, BoR, MP, Comment, Silver, and Purple. The table contains several rows of data, including transactions from 2009 and 2010. At the bottom left of the table area, there is an 'Export to Excel' button.

Type	Jurisdiction	Date	Credits	Permits	Credit Classification	Impact HUC	Impact Quantity	TW	BoR	MP	Comment	Silver	Purple
Init	Federal	12/08/2009	16.31		Forested - Hardwood Swamp			0	0	16.31			
Init	Federal	12/08/2009	.48		Forested - Hardwood Swamp			0	0	15.79	Enhancement area included within overall Preservation area.		
Init	Federal	12/08/2009	1.41		Non-Forested Wetland			0	0	17.2			
Init	Federal	12/08/2009	.38		Non-Forested Wetland			0	0	17.56	Enhancement area included within overall Preservation area.		
Rel	Federal	05/24/2010	9.48		Forested - Hardwood Swamp			0	9.48	17.56	Reconciliation of conservation easement, installation of "No Trespassing" signs, and completion of the removal of exotic vegetation.		
Rel	Federal	05/24/2010	1.06		Non-Forested Wetland			0	10.62	17.56	Reconciliation of conservation easement, installation of "No Trespassing" signs, and completion of the removal of exotic vegetation.		
Wor	Federal	05/24/2010	.04	SAJ-2008-00468	Forested - Hardwood Swamp			.04	10.48	17.62			
Wor	Federal	05/24/2010	2.89	SAJ-2008-03399	Forested - Hardwood Swamp			2.93	7.59	14.63			

Using the options within the “Query Ledger” box, you can search using a variety of different filters which can be used individually or in combination.

The 'Query Ledger' filter box contains the following elements:

- Extended View:** Radio buttons for 'No' (selected) and 'Yes'.
- Transaction Type:** A dropdown menu with 'All' selected.
- Credit Classification:** A dropdown menu with 'All' selected.
- Jurisdiction:** A dropdown menu with 'All' selected.
- Permit No:** A text input field.



Extended View – If you select “Yes” for this option, the ledger view will change to include ledger columns for each specific credit type which has been assigned to that particular bank.

Impact HUC	Impact Quantity	Forested - Hardwood Swamp		Non-Forested Wetland	
		TW	BoR	TW	BoR

Transaction Type – This is a drop down selection box. The available selection options include “All, Initiation, Release, Withdrawal and Pending.” Once you select an option, the ledger view will be updated to show only those Transaction Types.

Credit Classification - This is a drop down selection box. The available selection options will be limited to “All” and any specific credit types which have been assigned to that particular bank. Once you select an option, the ledger view will be updated to show only transactions with that specific Credit Classification type.

Jurisdiction - This is a drop down selection box. The available selection options will include “All, Non Federal and Federal.” Once you select an option, the ledger view will be updated to show only transactions which match the selected Jurisdiction type.

Permit No – (For this filter to work, you MUST use the “Enter” key on your keyboard as noted below.) Using this text box, you can search the ledger to see if credits were purchased to satisfy the compensatory mitigation requirements of a specific permit. In order to use this feature, you would type the permit number in the box labeled “Permit No.” To make sure you get the best return, only enter the sequential portion of the permit number and press the “Enter” key on your keyboard. For example, to see if credits have been purchased for SAJ-2005-08502, you just need to enter 8502 in the “Permit No” text box and press the “Enter” key.



Some Districts may add some district specific columns to the ledger. These columns will have a variety of uses, dependent upon the needs of the district. These columns may also be filtered in the same manner as the standard columns of the ledger using the filters within the “Query Ledger District Specific Fields” box. The image below is from the Jacksonville District ledger entries.

A screenshot of a software dialog box titled "Query Ledger District Specific Fields". The dialog box contains a table with two columns: "Display Name" and "Value".

Display Name	Value
Silver	All ▼
Purple	All ▼

At the bottom right of the dialog box is a button labeled "Filter".

The names of the columns and the values within the drop down will vary from district to district. Once you have selected one or more filter options, click the “Filter” button to obtain the results.