



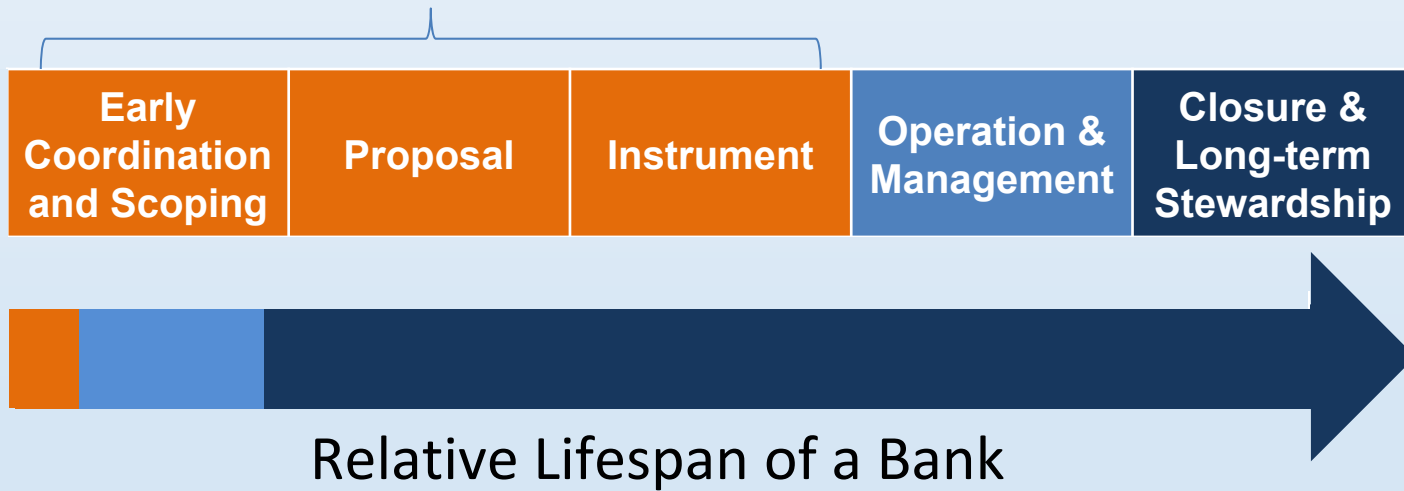
Overview

- Mitigation Review Team (MRT)
- Banking Partners
- Process and Documents
- Mitigation Management
- Best Practices



Texas horned lizard
USFWS, Steve Hillebrand

Bank Establishment





Throughout the life of a bank...

- Review initial activities
- Construction
- Monitoring
- Maintenance
- Site inspections
- Credit releases
- Accounting/Reporting
- Maintaining RIBITS files
- Modifications/Amendments to instrument
- Bank closure
- Noncompliance
- Long-term Management
- Adaptive Management
- What else could happen??



Credit Releases

Permission to make a specific number of credits available for sale or use as an offset.

- Preservation banks
- Banks with created or restored habitat
- Credit release schedules

Credit Release Schedule

Habitat Preserved

Credit Release	Percentage of Total Credits Released	Cumulative Percent Credits Released	Timing of Release
1 st	15%	15%	Execution of Final Bank Enabling Instrument
2 nd	25%	40%	Funding of 15% of the endowment principal
3 rd	15%	55%	Funding of a total of 40% of the endowment principal
4 th	15%	70%	Funding of a total of 70% of the endowment principal
Final	30%	100%	Funding 100% of the endowment principal

Habitat Constructed

CREDIT TABLE AND RELEASE SCHEDULE FOR COVERED SPECIES AND HABITAT CREATION

Habitat Type		Vernal Pool Fairy Shrimp
Constructed vernal pool fairy shrimp habitat (Vernal Pools) ^(Note 1)		11.39
Release Schedule		Released
1	15% release upon Bank Establishment Date <ul style="list-style-type: none"> approval of BEI recorded Conservation Easement evidence of Performance Security 	1.7085
2	25% release upon <ul style="list-style-type: none"> completion of construction and submission of as-builts; ^(Note 2) a minimum of 15% of the Endowment Principal shall be funded prior to this release 	2.8475
3	15% release upon <ul style="list-style-type: none"> attainment of year 2 vernal pool invertebrate Performance Standards. attainment of year 2 vernal pool hydrology and vegetation Performance Standards a minimum of 40% of the Endowment Principal shall be funded prior to this release 	1.7085
4	15% release upon <ul style="list-style-type: none"> attainment of year 3 vernal pool hydrology and vegetation performance Standards a minimum of 70% of the Endowment Principal shall be funded prior to this release 	1.7085
5	15% release upon <ul style="list-style-type: none"> attainment of year 4 vernal pool hydrology and vegetation Performance Standards 100% of the Endowment Principal shall be funded prior to this release 	1.7085
6	15% release upon <ul style="list-style-type: none"> attainment of year 5 vernal pool invertebrate performance standards and attainment of year 5 vernal pool hydrology and vegetation Performance Standards a verified Waters of the U.S. jurisdictional determination 	<u>1.7085</u>
Total		11.39



Credit Release Documentation

- Credit releases requested for:
 - Initial credits (“bank establishment”)
 - Performance standards met
 - Ecological and Administrative

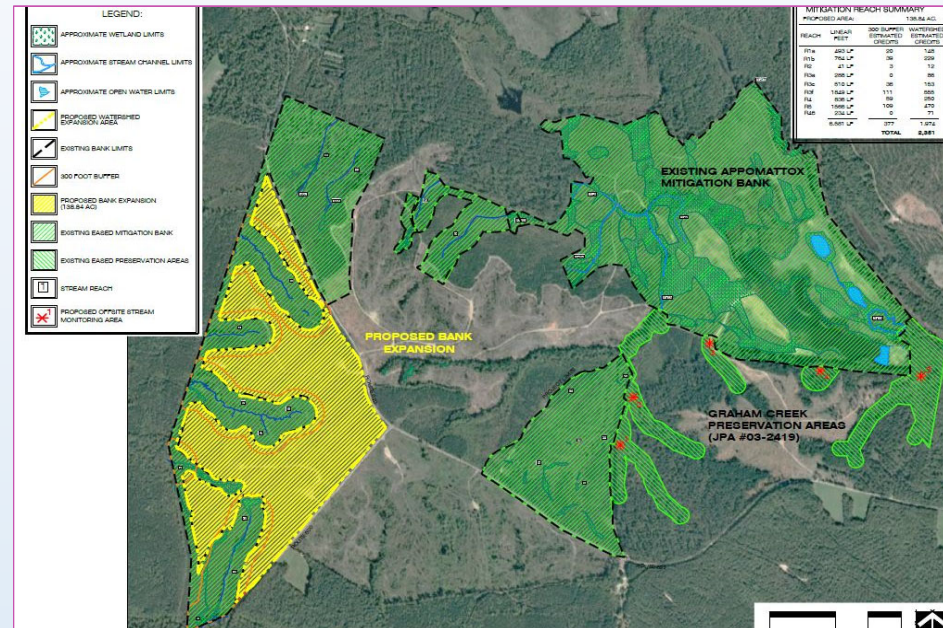
- Criteria specified in instrument

- Document in RIBITS

Modifications

➤ Modifications

- Umbrella bank sites
- Bank site expansions
- New credit types



➤ Streamlined process

- Changes based on adaptive management
- Changes in credit release schedules
- Changes determined as not significant

➤ Change in

- Sponsor
- Financial Assurances
- Assessment Tools
- Service Area
- Long-term Steward
- Land Owner

Reporting/Accounting

Annual Reporting for Banks should include:

- ✓ Monitoring of Performance Standards
- ✓ Annual Maintenance/Adaptive Management
- ✓ Credit Release Requests
- ✓ Credit ledgers
 - ✓ RIBITS Ledger Updates
- ✓ Long-term Management Funding
- ✓ Financial assurance report
 - ✓ Initial credit release
 - ✓ Maintenance and monitoring



Houston Toad
USFWS, Robert Pos

RIBITS

RIBITS
Regulatory In-lieu Fee and Bank Information Tracking System

Navigation icons: Home, Search, Help

Left Sidebar:

- TRACKING
 - Mitigation
 - WQT
 - Both
- MENU
 - Mitigation Concepts
 - Banks & Sites
 - ILF Programs
 - Umbrella Banks
 - NRDA Projects
 - Reporting
 - Bank & ILF Establishment
 - Assessment Tools
 - Credit Classifications
 - Related Resources
 - Find Credits
 - Help
- FILTER
 - USACE District
 - State
 - FWS Field Office
 - NOAA Fisheries Region

Filter: ALL DISTRICTS

[Terms Of Use]

OpenLayers Map

Map showing USACE Districts

Right Sidebar:

RIBITS Sponsors

- US Army Corps of Engineers
- U.S. Department of Transportation Federal Highway Administration
- USDA
- NOAA FISHERIES

About RIBITS

RIBITS (Regulatory In lieu fee and Bank Information Tracking System) was developed by the U.S. Army Corps of Engineers with support from the Environmental Protection Agency, the U.S. Fish and Wildlife Service, the Federal Highway Administration, and NOAA Fisheries to provide better information on mitigation and conservation banking and in-lieu fee programs across the country. RIBITS allows users to access information on the types and numbers of mitigation and conservation bank and in-lieu fee program sites, associated documents, mitigation credit availability, service areas, as well information on national and local policies and procedures that affect mitigation and conservation bank and in-lieu fee program development and operation.

Recent modifications to RIBITS allow use of RIBITS to track water quality trading (WQT) activities and credits for restoration banks recognized under Natural Resource Damage Assessment statutes. The WQT was sponsored by the USDA Office of Environmental Markets with two states participating in the pilot effort, Virginia and Iowa. The NRDA modifications were sponsored by NOAA with the pilot NRDA Project and sites in the Portland Area.

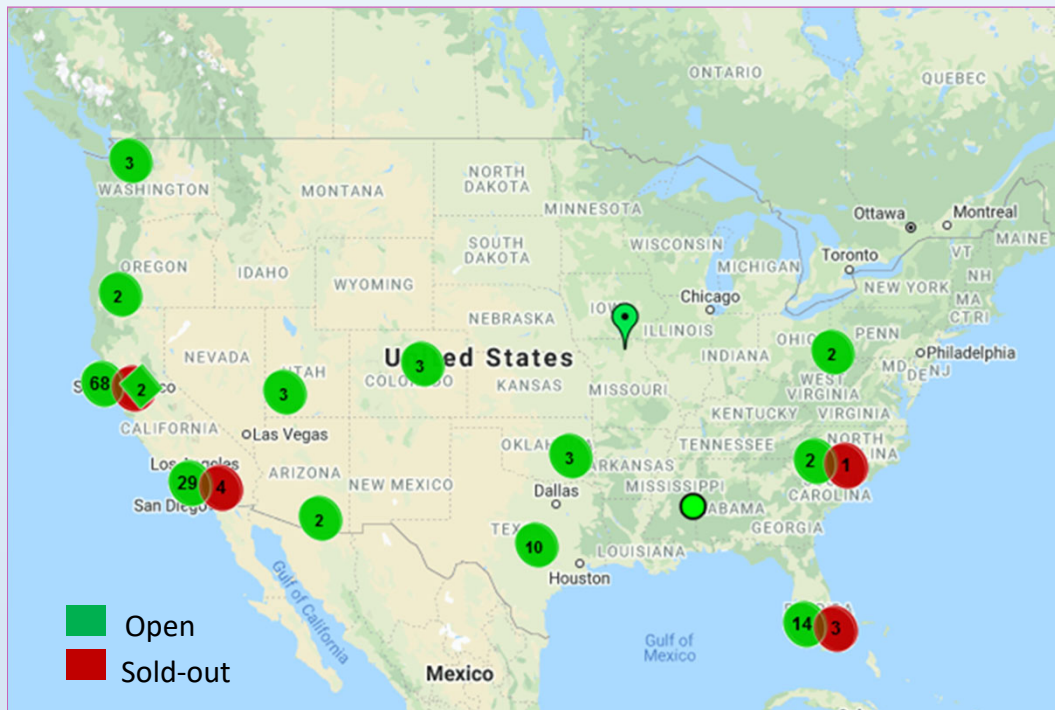
Top News

[Static View of News]

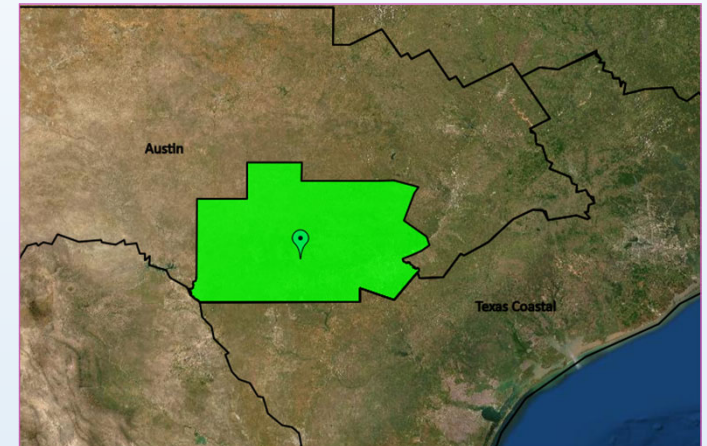
- November 19, 2020 **Credit Release (NC)**
RS Cape Fear 02 Umbrella Mitigation Bank (Benton Branch Site) received a credit release.
- November 19, 2020 **Credit Release (NC)**
RS Cape Fear 02 Umbrella Mitigation Bank (Motes Creek Site) received a credit release.
- November 19, 2020 **Credit Release (NC)**
RS Cape Fear 02 Umbrella Mitigation Bank (Rocky Top Site) received a credit release.

Regulatory In-lieu fee and Bank Information Tracking System (RIBITS)
Retrieved 11/30/2020 from <https://ribits.ops.usace.army.mil/>

RIBITS- Maps



Conservation bank distribution across the United States



Bandera Corridor Conservation Bank Service Area

RIBITS

Re: Completion of required milestones and obtaining the first credit release for the Blue Heron Slough Conservation Bank

Blue Heron Slough Conservation Bank
 [Jump to Credit Ledger] [Edit Document Visibility]

Help Notes

Cyber Repository

Mode Allow Changes View Only

- 2020_07-08_NOAA BlueHeronCreditBank_signed.pdf (213 KB)
- BlueHeronSlough_Prospectus_1_20_10.pdf (4 MB)
- NWS-2009-890 Blue Heron_PN.pdf (4 MB)
- Blue Heron Addendum
 - 2020_07-08_NOAA BlueHeronCreditBank_signed.pdf (213 KB)
 - BHSlough 2014 Addendum 1_Fully Executed.pdf (922 KB)
 - Puget_Sound_UCBA-Basic Agreement.pdf (344 KB)
 - Addendum 1-Blue_Heron_Slough agreement.pdf (510 KB)
 - BHS Service Area.pdf (1 MB)
 - Exhibit B Dev and Mgmt Plan Blue_Heron_Slough.pdf (11 MB)
 - Exhibit E - Credit Evaluation Blue_Heron_Slough.pdf (24 KB)
- Shape Files
 - Wildlands_BlueHeronSlough_ServiceArea_05_02_13.shp (137 KB)
- Shape Files, Bank Footprint
 - Wildlands_BlueHeronSlough_BankBoundary.dbf (147 Bytes)
 - Wildlands_BlueHeronSlough_BankBoundary.prj (165 Bytes)
 - Wildlands_BlueHeronSlough_BankBoundary.sbn (132 Bytes)
 - Wildlands_BlueHeronSlough_BankBoundary.sbx (116 Bytes)
 - Wildlands_BlueHeronSlough_BankBoundary.shp (3 KB)
 - Wildlands_BlueHeronSlough_BankBoundary.shx (108 Bytes)
- Umbrella Conservation Bank Agreement
 - Puget Sound UCBA Exhibit A - Vicinity Map .pdf (654 KB)
 - Puget_Sound_UCBA-_Exhibit B Conservation Plan.pdf (193 KB)
 - Puget_Sound_UCBA-Basic Agreement.pdf (344 KB)



Joint Public Notice Proposal for a Wetland Mitigation Bank

US Army Corps of Engineers
 Regulatory Branch
 Post Office Box 3755
 Seattle, WA 98124-3755
 Telephone (206) 764-6903
 Email: gail.m.terzi@usace.army.mil
 Attn: Gail Terzi, Mitigation

WA Department of Ecology
 Shorelands and Environmental
 Assistance Program
 Post Office Box 47600
 Lacey, Washington 98504-7600
 Telephone (360) 407-6861
 Email: brad.murphy@ecy.wa.gov
 ATTN: Brad Murphy

Public Notice Date: February 3, 2010
 Expiration Date: March 2, 2010
 Reference No.: NWS-2009-890
 Name: Blue Heron Slough Conservation
 and Bank

BLUE HERON SLOUGH CONSERVATION AND MITIGATION BANK Prospectus Snohomish County, Washington



RIBITS - Ledgers

Big Gun Conservation Bank credit ledger

View	Type	Transaction Id	Jurisdiction	Transaction Date ↓	Permittee	Permit	Credit Classification	Credits	Acres	Comment
	Wdr	87965	Federal	11/26/2018	Calaveras County	08ESMF00-2017-F-0823	California red-legged frog (CRF)	0.350	0.35	Replacement of low-water crossing at Singletree Dr and Little Johns Creek, Calaveras Co.
	Wdr	82552	Federal	12/02/2017	County of Placer	08ESMF00-2009-TA-0520	California red-legged frog (CRF)	4.000	4.00	implementation of Placer County Conservation Program
	Wdr	80177	Federal	02/15/2017	California Department of Corrections and Rehabilitation	08ESMF00-2014-F-0192	California red-legged frog (CRF)	0.500	0.50	Reinitiation of the Mule Creek State Prison project, Amador County.
	Wdr	68120	Federal	04/06/2016	Caltrans	1-1-02-F-0111	California red-legged frog (CRF)	0.500	0.50	Amador Route 49 Bypass Project
	Wdr	64969	Federal	10/12/2015	Calaveras County	08ESMF00-2013-F-0533	California red-legged frog (CRF)	1.780	1.78	Stagecoach Rd. low water crossing Replacement Project
	Rel	64848	Federal	07/08/2015			California red-legged frog (CRF)	7.020	7.02	Documentation provided that endowment was funded to 70% of target amount.
	Wdr	59603	Federal	10/31/2014	County of El Dorado	81420-2009-F-1263-2	California red-legged frog (CRF)	2.964	2.96	Realignment of Green Valley Rd and replacement of existing Weber Creek bridge.
	Wdr	56534	Federal	05/01/2014	California Department of Corrections and Rehabilitation	08ESMF00-2014-F-0192	California red-legged frog (CRF)	21.000	21.00	Mule Creek Prison project, City of Ione, Amador County.
	Rel	56543	Federal	03/19/2014			California red-legged frog (CRF)	18.710	18.71	Documentation provided of funding endowment target amount to 40%. CPI adjustment to endowment target amount.
	Rel	41550	Federal	01/24/2011			California red-legged frog (CRF)	7.010	7.01	15% release upon signature of CBEI and CE.
	Init	41614	Federal	10/29/2010						

[Download as Excel](#)

Big Gun Conservation Bank Credit Ledger Summary

Last Transaction: Nov 26, 2018

*****ATTENTION*****

Credit reservations and pending transactions are **NOT** reflected in the Available Credits total. Potential purchasers **MUST** contact the Sponsor to verify credit availability.

Name	Available Credits	Withdrawn Credits	Released Credits	Potential Credits
Species/Habitat				
<u>California red-legged frog (CRF)</u>	1.646	31.094	32.74	46.77

RIBITS – Find Credits Tool



Search Criteria

Reset Search Criteria
Ctrl-click or Shift+Click the map in the desired location to set the latitude and longitude for your query.

Linear Impact

Project No

- Latitude
- Longitude

Available Credits Allow Zero

Criteria for Banks and ILF Sites

Single Client Yes (primarily governmental use)

Species

-- Any Species --
Black-capped vireo [TX]
Buffer credits [TX]
Golden-cheeked warbler [TX]

Primary

Service Area Rank Secondary
 Tertiary

Criteria for ILF Programs

ILF Program Credit Type

Any
 Species
 Stream
 Wetland

Search?

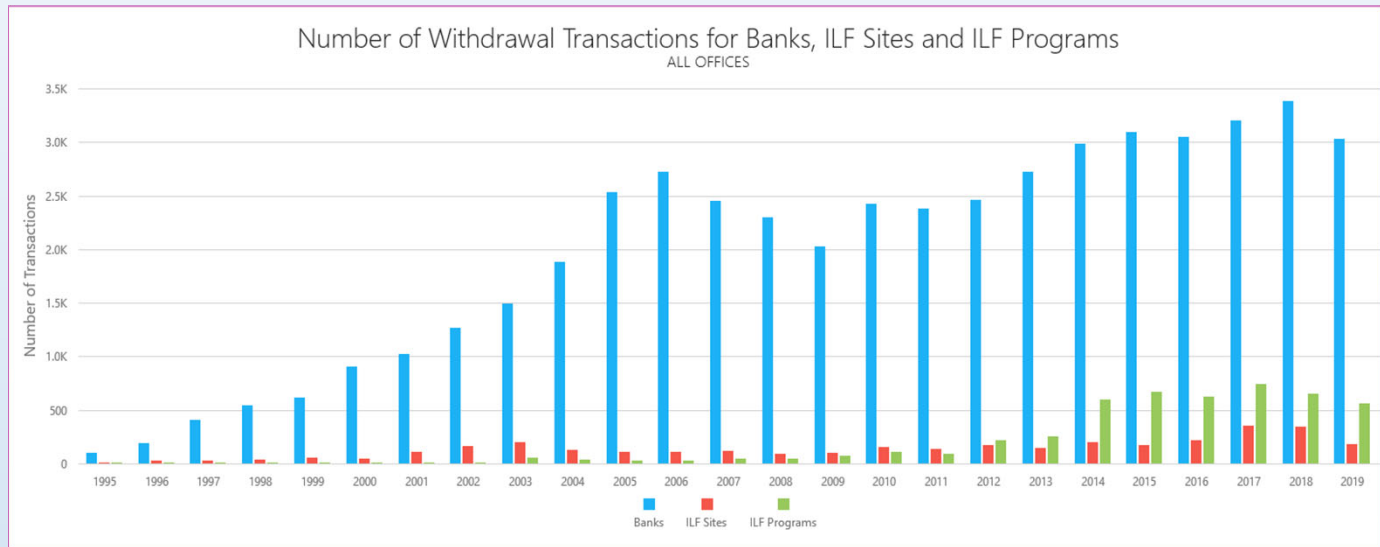
Map Region

Roads Borders USACE Districts HUC 8 FWS Field Offices
 NOAA Regions Service Areas

Google Map data ©2020 INEGI Imagery ©2020 TerraMetrics Terms of Use

*****ATTENTION*****
Disclaimer Credit reservations and pending transactions are **NOT** reflected in the Available Credits total. Potential purchasers **MUST** contact the Sponsor to verify credit availability.

RIBITS – Graphs and Charts



Regulatory In-lieu fee and Bank Information Tracking System (RIBITS)
Retrieved 11/30/2020 from <https://ribits.ops.usace.army.mil/>

RIBITS - Calendar

Can be used for:

- Meetings
- Report due dates
- Site inspections

RIBITS will send email reminders to Bank Sponsors and MRT members

December 2020						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
29	30	01 IWR Training Bank: IRT Meeting	02	03	04	05
06	07	08	09	10	11	12
13	14	15	16	17	18 Deblyn's Test Bank: Annual Monitoring Report Due	19
20	21	22	23	24	25	26
27	28	29	30	31	01	02

Closure

- ✓ Performance Standards met
- ✓ All available credits debited
- ✓ Performance Monitoring completed
- ✓ Long-term steward identified
- ✓ Long-term management fund fully funded
- ✓ Long-term management plan established



What does it mean to be out of compliance?

Failure to:

- ✓ Fund endowment (long-term stewardship fund)
- ✓ Fund securities (financial assurances)
- ✓ Submit reports or reports incomplete
- ✓ Remediate habitat that does not meet performance standards
- ✓ Maintain/manage property per management plan(s)

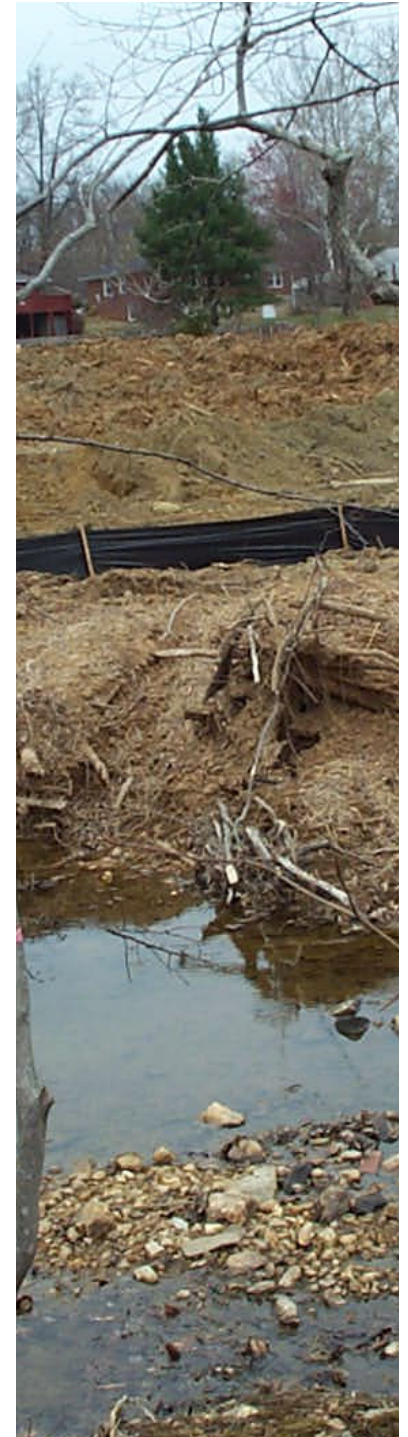
What compliance tools are available?

Open Banks

- Performance standards
- Credit releases
- Corrective Action Plans
- Decrease available credits
- Suspend
 - Credits
 - Operations
- Notice of non-compliance
- Mobilize financial assurances
- Terminate instrument

Closed Banks

- Conservation easement 3rd Party Beneficiary
- Instrument



Best Practices - Proactive Approach

Be clear about expectations

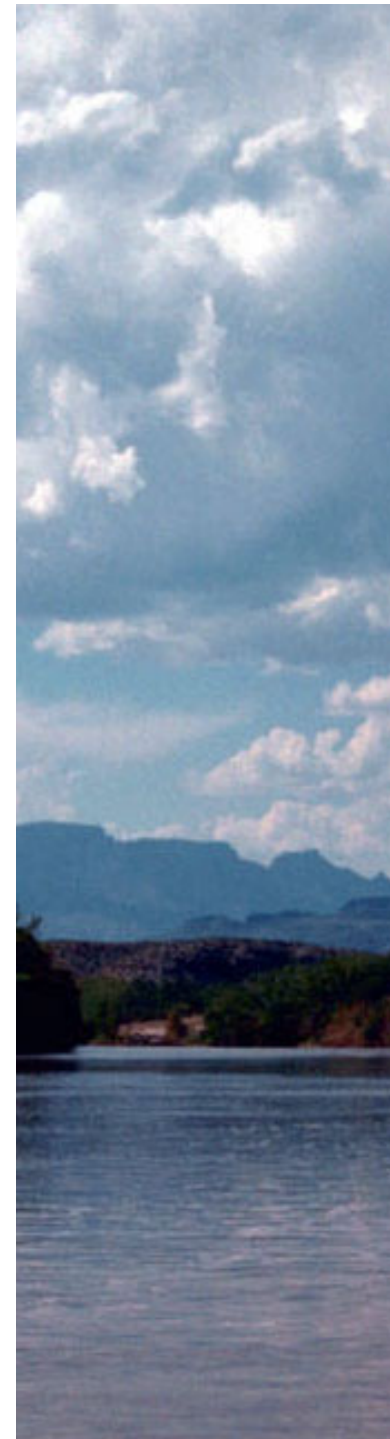
- Specific requirements should be clearly articulated and understood

Credit releases tied to performance standards

- Ecological
- Long-term stewardship funding
- Timely and complete report submittals

Document everything in RIBITS

- Documents
- Credit releases
- Credit ledger
- Bank closure
- Calendar reminders





Scissor-tailed Flycatcher
USFWS, Robert Burton