# Release Notes (1/13/2017)

STReaMS

## **New Features**

 Batch Uploads for Rare Fish, Stocked Fish, Site Effort, and Stocking Events are active – Data can be loaded into STReaMS through the website. For now, contact your Database Manager, Julie Stahli (UC) or Scott Durst (SJ), to upload your data. You will need to pre-format your data using the latest data entry templates online here: https://streamsystem.org/webAdmin/dataEntryTemplates.php



 Your Database Manager will select your Study, Upload File, and Data Type.

↑ Batch Upload: Sampling Effort and/or Stocking Event

 File Name:
 stocking template\_v6\_14\_2016\_SLD.xlsx

 Study/Program:
 Razorback Sucker Augmentation

Select worksheet and data type you would like to import data for:

Show 10 V entries	Search:	
Worksheet	Select Data Type Rare Fish Datasheet	÷
✓ stocking	Rare Fish Site-Effort Datasheet Stocked Fish Datasheet Stocking Event Datasheet	
□ stocking metadata	Select Data Type V	
Showing 1 to 2 of 2 entries	Previous 1 Ne	ext
Analyze Selected Worksheet		

• Steps are tracked along the way and you can cancel at any time.



- 1. Select Study/Program and Excel data file to upload.
- Select Excel worksheet and data type and submit it for data validation.
- 3. Fix any data validation errors.
- 4. Upload file to database.
- 5. Review your data in STReaMS.

Total Number of Rows with Errors = 3

Cancel Upload

#### • Your Database Manager will fix any data entry errors.

Show 10 ventries

Field Name

Species

Species

1

Stock River

1

Stock RMI

1

Showing 1 to 3 of 3 entries

Worksh	eet : stocking										
Q Vie	ew/Edit Errors										
			Analyze U	pdated Data	Full Screen	1					
Show	5 🗸 entries										
	Pit Tag 134 🛛 🔻	Rec Num	Stocking Number	Species	÷	Stock Year ∲	Stock Date ∲	Stock River	¢	Stock RMI ∲	Leng
0	3DD003BA1C4AF	2015_RZ_SJRRIP_3798	NAPI20151027RZ_2	RZ	•	2015	2015- 10-27 00:00:00	AN	•	600	342
0	3DD003BA1C0F1	2015_RZ_SJRRIP_3794	NAPI20151027RZ_3	RZ	×	2015	2015- 10-27 00:00:00	SAN JUAN	Ŧ	195.6	342
0	3DD003BA1BA6B	2015_RZ_SJRRIP_3804	NAPI20151027RZ_2	ZZ	•	2015	2015- 10-27 00:00:00	AN	•	5	341
<											>

### Clean data will be uploaded and reconciled with the existing data in STReaMS.

↑ Batch Upload	d: Sampling Effort and/or Stocking	g Event	
File Name: Study/Program: Current Worksheet	stocking template_v6_14_2016_SLD.xlsx Razorback Sucker Augmentation t: stocking		
Worksheet Name stocking	Data Type stocked_fish_datasheet	Data Validation Status Complete	
Data validation su	ccessful!		
Upload Data into Da	tabase!		

 $_{\rm O}$  You will get a confirmation email when your Upload is complete.  $_{\rm Wed\,11/9/2016\,11:05\,\,AM}$ 

		1
	$\bigcirc$	
		,
То	Greenwell	,Amy

STReaM System Administrators <streams@colostate.edu> Your STReaMS Upload is Finished

Hello Amy Greenwell,

Your upload has finished in 30.39 seconds.

4 New Tags 346 New Individuals 347 New Encounters 3 Records Rejected 0 Records Flagged <u>View Upload #1 Details</u>

-STReaM System Admins

• Use My Profile to track your Uploads – Your Uploads are listed in your user profile. Search or sort your list. Click details to display information about the Upload, notes from the system, and the number of new records, rejected records, and flagged records.

#### o Your list of Uploads.

11/09/2016 11:29:44 AM

11/09/2016 12:01:05 PM

11/09/2016 01:17:58 PM

Showing 1 to 5 of 55 entries

3

5

8

Stocked

Fish Data

Stocked Fish Data

Stocked

Fish Data

FWS-GJ 2015

RZ Stocking

FWS-GJ 2015 BT Stocking

J.W. Mumma 2015 BT

Stocking

👗 Edit	My Profile											
Required	fields are indicate	ed with an * .										
Persona	I Information											
First Nan	ne*: Amy			]								
Last Nan	ne*: Greenwe	I		]								
Organiza	ation: Colorado	Natural Heritag	e Program	~								
Role*:	Research	er										
Email Ad	ldress*: amy.lave	nder@colostate.	.edu	]								
Passwor	d: Change	Password										
Inactive?												
Submit												
Other De	atails											
					-							
T Upl	loads											
Show 5	✓ entries							s	earch:			
ID 🔺	Upload Date	Upload ∲ Type	Study Name	File Name	÷	New Encounters	Flagged Records	÷	Rejected Records	÷	Option	÷
1	11/09/2016 11:01:46 AM	Stocked Fish Data	FWS-GJ 2015 RZ Stocking	2015_CDOT_BESWICKS_stock(3).xlsx		348	0		2		View Detai	ils
2	11/09/2016 11:17:43 AM	Stocked Fish Data	FWS-GJ 2015 RZ Stocking	2015GJMASTERSTOCK.xlsx		3032	0		D		View Detai	ils

2015\_RZ\_061815\_OLD BROOD\_Fruita.xlsx

2015\_CDOT\_BESWICKS\_stockBT.xlsx

mumma BT 2015 CO River #2.xlsx

## • Upload details show basic information about the Upload with links to the source files and Table of Contents.

151

1

4969

0

0

0

1 2 3

Previous

0

0

0

View Details

View Details

View Details

Next

4 5 ... 11

Upload 1 Details	T Upload 1 Details
New Records	Study/Program: FWS-GJ 2015 RZ Stocking
Tag List	Upload Type: Stocked Fish Data Uploaded By: Greenwell, Amy (On Nov-09-2016 11:01:46 AM)
Individual List	Source File:         2015_CDOT_BESWICKS_stock(3).xlsx           Clean File:         Clean_2015_CDOT_BESWICKS_stock(3).xlsx
Encounter List	_
Flagged Records	Q New Records
Individual List	🕈 Tag List
Rejected Records	Show 5 V entries

<sup>7</sup> Tag Li low 5   √	_								
Tag 🔒 ID	Tag Code 🕴	тад Туре ≑	Tag Status †	Lot Code ‡	Deploy Date	Deploy River 🕴	Recipient Person	Recipient Org	Options
436150	3D91C2DE6A0AC	134 khz	Active		2015-07- 09	Colorado River, RM 204.5	Unknown	Unknown	View Details
436151	3D91C2DE58DB6	134 khz	Active		2015-07- 09	Colorado River, RM 204.5	Unknown	Unknown	View Details
436152	3843B23ABCF3C	134 khz	Active		2015-07- 10	Colorado River, RM 204.5	Unknown	Unknown	View Details
436153	3843B23AC3893	134 khz	Active		2015-07- 10	Colorado River, RM 204.5	Unknown	Unknown	View Details

• New records are listed for Tags, Individuals, and Encounters.

 Records that were flagged or rejected during your Upload are listed at the bottom of the page. Database Managers will fix flagged and rejected records. Once rejected records are cleaned and resubmitted to the database, they will show up in your New Records list.

▲ Flagged Records											
🔎 Individual List											
Show 5 🗸 entries											
Upload ⊾ Individua ID ID	ll <sub>♦</sub> Current <sub>♦</sub> Tag	Species	Year Class	Sex	Last Encounte Type	er 🕴 🛛 E	ast ncounter ate	÷	Last Encounter <del> </del> River	Note	s  Op
			No dat	a availab	le in table						
<											>
Showing 0 to 0 of 0 entries	s								P	revious	Next
⊗ Rejected Records											
			Fix Reject	ted Reco	ords						
		Only Datab	ase Manage			cords.*					
Show 5 🗸 entries											
Error Type 🛛 🌲	Pit Tag 134	Rec Nu	n	♦ Ag	jency  🍦	River	- RN	ni ≑	Date	♦ Sp	ecies
Species Conflict	3D91C2DF63EC3	2015CDC	TRZ00173	FW	S-GJ	СО	204.	5	07/14/2015	RZ	
Stocking Duplicate	3D91C2DE188F9	2015CDC	TRZ00161	FW	S-GJ	со	204	5	07/14/2015	RZ	
Showing 1 to 2 of 2 entries	s								Previous	s 1	Next

- Uploads are managed by the Database Managers through the Manage Uploads page in the footer – The Managed Uploads page lists Uploads for all Users, all rejected records, all flagged records, and Upload rules for numeric fields.
  - Upload list can be used to track data submittals for Studies.

Manage Uploads	↑ Manage	Uploads					
All Uploads 0	only Database	Manager ca	an fix rejected ar	nd flagged rec	ords, and cha	ange upload rules.	
Rejected Records	▲ All Uploa	ids					
Rare Fish	a. [5]]						
Stocked Fish Data	Show 5 V	Study	Uploaded 💧	Upload	Upload 💧	Source File	Clean Fil
Antennas			Ву	Date	Туре		
Rare Fish Site-Effort	68	3 Species Surveys	Johnke, Ben	2017-01- 11 16:33:21 PM	Rare Fish Site Effort Data	sampling_2017GOOD(3).xlsx	Clean_sam
Flagged Records		-					
Individual List Upload Rules	67	3 Species Surveys 2013	Johnke, Ben	2017-01- 11 16:30:05 PM	Rare Fish Site Effort Data	sampling_2017GOOD(2).xlsx	Clean_sam
opioud rules		3		2017-01-			
	66	Species Surveys 2013	Johnke, Ben	11 16:28:10 PM	Rare Fish Site Effort Data	sampling_2017GOOD(1).xlsx	Clean_san
	65	ADISMP	Johnke, Ben	2017-01- 11 16:21:14 PM	Rare Fish Site Effort Data	sampling_2017GOOD.xlsx	Clean_sam
	64	amy stocking	Greenwell, Amy	2017-01- 11 15:55:34 PM	Rare Fish Site Effort Data	sampling_2017GOOD(1).xlsx	Clean_sam
	<						_
	Showing 1 to	5 of 65 entri	es			Previous 1	2 3

• Rejected records can be filtered, fixed and resubmitted to the database OR permanently deleted from the temp tables (ex. a duplicate record already uploaded by another Study).

🛞 Reje	cted Recor	ds								
🖋 Rai	re Fish									
				Filte	er Results	Full Screen				
Upload I	Ds (>100 is s	low): Error T								
Show 5	✓ entries									
	Upload ID	Study 🝦	Uploaded By	Upload Date	Upload Status	File Name	÷	Error Type	PIT Tag ∳ 400	PIT '
0	54	Animas River Sampling - BOR	Gurung, Puja	2017-01- 11 12:42:15 PM	Rejected	Copy of SJ_RareFish_NNF_NMFWCO_155.xl	lsx	Tag Conflict (new tag not new)		3D91)
0	54	Animas River Sampling - BOR	Gurung, Puja	2017-01- 11 12:42:15 PM	Rejected	Copy of SJ_RareFish_NNF_NMFWCO_155.xl	lsx	Tag Conflict (new tag not new)		3D91)
0	54	Animas River Sampling - BOR	Gurung, Puja	2017-01- 11 12:42:15 PM	Rejected	Copy of SJ_RareFish_NNF_NMFWCO_155.xl	lsx	Tag Conflict (new tag not new)		3843E
0	54	Animas River Sampling - BOR	Gurung, Puja	2017-01- 11 12:42:15 PM	Rejected	Copy of SJ_RareFish_NNF_NMFWCO_155.xl	lsx	Tag Conflict (new tag not new)		3843E
0	54	Animas River Sampling - BOR	Gurung, Puja	2017-01- 11 12:42:15 PM	Rejected	Copy of SJ_RareFish_NNF_NMFWCO_155.xl	lsx	Tag Conflict (new tag not new)		3843E
<								-		>
Showing	1 to 5 of 463	entries			Resubmit	Previous 1 2 3 Delete	4	5	93	Next

• Flagged records should be reviewed by Database Managers and unflagged if determined to be satisfactory.

	ividual List								
idual 🖕	Current Tag   🍦	Species 🖕	Year Class ∲	Sex 🖕	Last Encounter ≑ Type	Last Encounter ≑ Date	Last Encounter ∲ River	Notes 🔶	Options
5	3D91C2C2DB432	Xyrauchen texanus	2007	Female	Capture	2015-06-11	Lake Powell		View Details Delete
)	3D91C2C2D0E93	Xyrauchen texanus		Male	Capture	2015-03-31	Colorado River		View Details Delete
;	3D9257C6A7A3B	Xyrauchen texanus	2006	Female	Capture	2015-10-13	San Juan River		View Details Delete

 Upload rules for numeric fields can be adjusted by Database Managers. Most text fields are ruled by look-up tables or specific details coded into the website (ex. 13 digit requirement for a 134 khz tag).

	Enable Edit Moo Only Database Manager can upda		
now 25 🗸 entries		Search:	
Field Name	Minimum Value	Maximum Value	
Conductivity	.0	4000.0	
ength	.0	1800.0	
bHRiver	.0	14.0	
oHTank	.0	14.0	
RiverMile	-188.5	450.0	
RiverTemperature	.0	30.0	
StandardLength	.0	1800.0	
FankTemperature	.0	30.0	
FemperedTime	.0	10800.0	
Furbidity	.0	1900.0	
JTMX	.0	100000.0	
YMTU	3920000.0	4850000.0	
Weight	.0	27500.0	

New filter to	Browse Fish b	y Individual ID	) or set of IDs.

•

🌋 Browse Fish				
You are viewing 969,849 of 969,849 fish. Vie	ew Related Encounters			
How would you like to filter results?				
IDs (>100 is slow): Tags (>100 is slow):	All •	ederal Status: Year Class: All ▼All ▼ arvest Type: Release Type All ▼All ▼	Last Encounter Type: L -All- ▼ e: Mortality Flag: -All- ▼	ast Encounter River: All▼
	Cle	Filter Results       ar Filters       Download	New Fish	
Show 50 V entries	Vee	1		
ID 🔶 Current Tag 🔶 Species	♦ Year Class ♦ Sex	<ul> <li>Last Encounter</li> <li>Type</li> </ul>	Last Encounter Date	Last Encounter River
29981 3D91C2C660CD0 Xyrauchen texanus	Male	Capture	2010-04-08	San Juan River

#### • New filter to Browse Encounters by Encounter ID or set of IDs.

O Browse Encounters			
You are viewing 1,377,023 of 1,377,023 e	encounters. View Related Individuals	3	
How would you like to filter results?		_	
IDs (>100 is slow): Tags (>100 is slow):	Species: Encounter Type: AllAll	River: Basin: River Mile Down:	River Mile Up:
	Study: Sampling/Stocking Org: All •All •	Parent Org: PIA Location: Date Range (YYYY-MM-DD) All All  to	
	Harvest Type: Release Type: All •	Year Class: Federal Status: Mortality Flag: All ▼All ▼All ▼	Recapture: All ◄
	Clear Filters	Filter Results       S     Download       New Encounter	
Show 50 ∨ entries ID ♦ Current Tag ♦ Spe	ecies 🔶 Encounter Type 💠 I	Date 🔻 River 💠 River Mile 💠 Antenn	a ∳ Notes ≑
1464933 3DD003BC43849 Unid	lentified Detection 20	016-12-01 Green River 128.3 Tusher D	Diversion

- New system for flagging records Data flags have been reorganized in the data tables and on the webpage. There are three flag options now for Individuals. Flags for other features, such as Encounters or Tags, and flag characteristics will be adjusted as details are ironed out by Database Managers.
  - Upload flags are generated by the system during Uploads.
     Currently, a sex conflict will trigger an Upload flag. Only the system can set Upload flags and only Database Managers can uncheck them.

- Invalid records were flagged during the original import to STReaMS in 2015 for records with species conflicts (new records with this conflict will get rejected). Only Database Managers can edit Invalid flags.
- User flags can be checked by any User that sees an error or suspects an error but does not have permission to edit the record in STReaMS.

Harvest type:	<u> </u>					
Release type:	~					
Year class:						
Year class mixed?						
Grow out ponds:	Hatchery	Pond name	Mixed pond?	Notes	Options	
Add a new pond:	Select		×			
			Delete Save			
Upload flag:						
Invalid record? 🗹						
Set	to Invalid during o	riginal 2015 batch up	load due to species conflicts			
User Flag?						

#### • Delete button is disabled for PIA Locations with data.

0

Bro	wse PIA Location				
View Re	lated PIA Arrays				
Show 25	✓ entries	Ne	w PIA Location	Search:	
ID 🔶	Array Name	Туре 🔺	Application	River 🗍	Options
21	Hogback Diversion	By-pass Canal	Entrainment monitoring	Hogback Canal	View Details Delete
2	Green River Canal at Tusher Diversion	Canal	Entrainment monitoring	Green River Canal	View Details Delete
19	Maybell Canal	Canal		Maybell Canal	View Details Delete
9	Colorado River Price-Stubb	Fish Passage	Fish passage monitoring	Colorado River	View Details Delete

## • Toggle between PIA Locations and Arrays in the PIA Location list.

<< Back	k to PIA Locations						
now 25	i V entries	New PIA Lo	ocation		Search:		
ID 🕴	Name \$	PIA Location	Orientation	River \$	River Mile	Options	÷
13	Price-Stubb	Colorado River Price-Stubb		Colorado River		View Details	
7	Near Disappointment	Dolores River		Dolores River		View Details	
16	Rio Mesa Ctr	Dolores River		Dolores River		View Details	Ĺ
2	Below siphon	Green River Canal at Tusher Diversion	Green River Canal			View Details	ľ
	Flume	Green River Canal at Tusher Diversion	Green River Canal			View Details	
28	Hogback By-pass Facility	Hogback Diversion	Hogback Canal			View Details	
29	Hogback Intake	Hogback Diversion		Honback Canal		View Details	

### • Primary and Secondary contacts are listed on PIA Location page.

#### Sedit Tusher Diversion PIA Location

Required fields are indicated with an \*

A "PIA Location" is the physical and semi-permanent position of a passive interrogation array, antenna, or portable device. If an interrogation device is left in one place for more than a day, it is considered a PIA location.

PIA Location Info	rmation	West Downstream East Downstream East Sluice
Name*:	Tusher Diversion	Fish Slot Fish Slot Gates
Code:		West Sluice Gates Passage
Type*:	Fish Passage 🗸	Raceway to East Side Canal Intake
Application:	Fish passage monitoring	Thayn Hydropower & Green River Canal
Description:	Antennas installed across the newly built Tusher Diversion, including fish passages, boat passage, and water wheel area. Most antennas are flat	
River*:	Green River V	
Number of arrays:	1	
Inactive?		Upstream Fish Passage Raceway
Approximate opera	ational date range:	Green River Diversion Antenna Array Layout
05/13/2016	to	Red = Antenna Locations Blue = Other facilities
This is a broad dat on the Antenna Arr	e range for the entire system. Outages are document ay page.	ed
Primary Contact:	McAbee, Kevin	
Primary Contact E	mail: kevin_mcabee@fws.gov	
Secondary Contac	t: Mackinnon, Peter 🗸	
Secondary Contac	t Email: pdmackinnon@gmail.com	
	Sav	Delete

 Spatial Attributes are moved from the PIA Location page to the Array page – To better align the database with PIA configurations, River mile, Latitude, Longitude, UTM X, UTM Y and UTM Zone have been moved from the PIA Location page to the Array page.

<sup>എഎ</sup> Edit <i>Tusher Diversion</i> PIA Array						
Required field	elds are indicated with an * .					
PIA Array Int	Information					
Name*:	Tusher Diversion	FLOW				
Code:						
Orientation:		DA 9 6				
Description:	Antennas installed across the newly built Tusher Diversion, including fish passages, boat passage, and water wheel area. Most antennas are flat	est the state				
River:	Green River					
River mile:	128.3	2				
Latitude:	39.08128	Et all and the second sec				
Longitude:	-110.1405	and a state of the				
UTM X:	574341	Green River Diversion Antenna Array Layout				
UTM Y:	4326147.9	Green River, upstream of Green River, Utah River Mile 128.3				
UTM Zone:	12					
Upload Date:	e: 12/01/2016 12:00:00 AM					
Data Date:	12/01/2016 12:00:00 AM					
DBA Notes:	Test tag is 3E7.000001D0[x], where x is the antenna number (1 through 9, and A).					
Inactive?						
	te operational date range:					
05/13/2016						
This is a broa	bad date range for the Array. Outages are documented below.	_				
	Save Delete					

• **Dummy tags are stored at the Antenna level** – Dummy tags were moved from the Array page to the Antenna table to better represent how PIAs are configured.

ه Ante	nnas				
ID	Code*	Sub-array	Dummy Tag	Label	Options
90	1	Water Wheel	3E7000001D01	Water Wheel Raceway - Upstream Antenna (Pass-thro	Delete
91	2	Water Wheel	3E7000001D02	Water Wheel Raceway - Downstream Antenna (Pass-tl	Delete
92	3	Fish Passage	3E70000001D03	Upstream Fish Passage - Upstream Antenna - 10 ft wic	Delete
93	4	Fish Passage	3E7000001D04	Upstream Fish Passage - Downstream Antenna - 10 ft	Delete
94	5	Boat Passage	3E70000001D05	Boat Passage - Eastern Upstream Antenna - 15 ft wide	Delete
95	6	Boat Passage	3E7000001D06	Boat Passage - Western Upstream Antenna - 15 ft wide	Delete
96	7	Boat Passage	3E70000001D07	Boat Passage - Eastern Downstream Antenna - 15 ft w	Delete
97	8	Boat Passage	3E70000001D08	Boat Passage - Western Downstream Antenna - 15 ft v	Delete

## • Outages are tracked for each Array.

Outa	ges		
ID	Begin Outage Date	End Outage Date	Options
1	11/16/2016 12:00:00 AM	04/07/2017 12:00:00 AM	Delete
			*new
		Save	

## • New filter to Browse Tags by Tag Status.

Active

MISC09

647836 3D91C2D03D923 134 khz

🔗 Browse Tags							
You are viewing 1,436,947 of 1,436,947	tags. How would you li	ke to filter result	ts?				
Tags (>100 is slow): Lot codes:	Status: -All Select all Not deployed Active						
	□ Shed		Filter Results				
		C	Clear Filters Dov	vnload			
Show 50 V entries							
Tag ∳ Tag Code ∳ Tag ID Tag Code ∲ Typ	e Tag Status	Lot Code	Deploy Date	Deploy River	Recipient Person	♦ Recipient Org	Options 🕴
647835 3D91C2D04F250 134 k	hz Active	MISC09	2009-06-30	Yampa River, RM 31.5	Jones, Tildon	FWS - Vernal	View Details

2009-07-07

Yampa River, RM 42.0

Jones, Tildon

View Details

FWS - Vernal

 Enhancements to Tag Details page – Tag Lots are now editable by Database Managers. A new status for Shed Tags and a field for Notes have been added. Related Tag Lots and Encounters are now accessible through the page.

Edit 3DD003BC33AEF	Тад	
Required fields are indicated wi	ith an * .	
Tag Information		
Tag code*:	3DD003BC33AEF	
Tag type*:	134 khz 🗸	
Tag status:	Shed V	
Associated tag lot:	AAA023125 -	
Associated individual:	ID = 175391, Xyrauchen texanus	
Deploy date:	10-06-2014 00:00	
River where tag deployed:	San Juan River 🗸	
River mile where tag deployed:	: [196.0	
Deployed by:	V	
Notes:	Tag was stuck in Antenna 1 of Hogback By-pass Facility PIA and retrieved by Peter Mackinnon on 9/30/2015.	
	Save Delete	
Other Details		
		٦
Tag Lots		_
Show 10 🗸 entries	Search:	1
TagLot ID 🔶 🛛 Lot numb	er 🔺 Recipient name 💠 Recipient organization 🖕 Ship date 🍦 Purpose 💠 Order code 💠 Options 🔅	
8729 AAA023125	Gross, Mike FWS - Grand Junction 01/13/2014 12:00:00 AM BT & RZ STOCK SO14916 View Details	-
Showing 1 to 1 of 1 entries	Previous 1 Next	-
• Encounters		
Show 25 V entries		5
Snow 25 V entries	Search:	1
ID 🔺 Current Tag	⇔ Species ⇔ Encounter ⊕ Date ⊕ River ⇔ River ⊕ Antenna ⊕ Notes ⊕ Options ⊜ Type	
	Ouray NFH Grand Valley Unit,	-
875957 3DD003BC33AE	F Xyrauchen Stocking 2014- San Juan 196.0 Hard Released at Bloomfield as View Details texanus 10-06 River 196.0 part of the 2014 Stocking Delete Comparison	
	- Xyrauchen - 2015- Hogback Hogback Tag has been shed from fish and View Details	
1141519 3DD003BC33AE	F         Ayraddien         Detection         2013         Hogdack         Hog	
Showing 1 to 2 of 2 entries	Previous 1 Next	-

• Stocking Events are active on the Studies page – Review the list of Stocking Events for a Study, create a new Event, or View Details.

Edit ONFH Randlett 2015 BT Stocking Study Personnel		ocking Events 0   ✓ entries		New		Search:	
Samples	ID 🔅	Stocking Number 🔺	Date 🔶	Stocked Species 💡	River 🔶	River Mile	Options 🕴
Stocking Events	22	FWSRH20150430BT	05/02/2015 12:00:00 AM	Gila elegans	Green River	262.0	View Details Delete
	23	FWSRH20150610BT	06/12/2015 12:00:00 AM	Gila elegans	Green River	262.0	View Details Delete

Study List > Study 176 Details > Stocking Event 22 Details

Editing FWSRH20150	0430BT			
Required fields are indicated with an * .				
Stocking Number:	FWSRH20150430BT			
Date:	2015-05-02			
Species Stocked*:	Gila elegans	~		
Principle Biologist:	Fry, Matthew			
River*:	Green River			
Reach:	Select	~		
River Mile:	262.0			
River Right Or Left:	~			
Habitat Type:	-Select V			
Latitude:				
Longitude:				
UTMX:				
UTMY:				
UTM Zone:				
River Temperature:	16.0			
Tank Temperature:	14.1			
pH River.	8.1			
pH Tank:	8.1			
Tempered Time (in minutes):	60			
Stock Year:	2015			
		Save Delete		

• Enhancements to Organization page – Table of Contents has been added and Tag lots are linked.

Edit the Colorado Parks and Wildlife Organization	135	Ŷ	A NP Removal		Yampa River			View Details Delete
Personnel	171	Y	ellow Jacket Canyon		San Juan River			View Details Delete
Studies	Chauina	1 to 16 of 16 er	atria a				Di	a d Next
Tag lots	Showing	1 10 10 01 10 ei	ines				Previou	s 1 Next
	Show 10	lots	Recipient	Recipient			Search:	
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	9239	AAA013201		Colorado Parks an Wildlife	d 01/13/2014 12:00:00 AM	MUMMA BT	SO13657	View Details
	9240	AAA013202		Colorado Parks and Wildlife	d 01/13/2014 12:00:00 AM	MUMMA BT	SO13657	View Details
	9241	AAA013203		Colorado Parks and Wildlife	d 01/13/2014 12:00:00 AM	MUMMA BT	SO13657	View Details
	9242	AAA013204		Colorado Parks and Wildlife	d 01/13/2014 12:00:00 AM	MUMMA BT	SO13657	View Details
	9243	AAA013205		Colorado Parks and Wildlife	d 01/13/2014 12:00:00 AM	MUMMA BT	SO13657	View Details
	9244	AAA013206		Colorado Parks an Wildlife	d 01/13/2014 12:00:00 AM	MUMMA BT	SO13657	View Details
	9245	AAA013207		Colorado Parks and Wildlife	d 01/13/2014 12:00:00 AM	MUMMA BT	SO13657	View Details
	9246	AAA013208		Colorado Parks and Wildlife	d 01/13/2014 12:00:00 AM	MUMMA BT	SO13657	View Details
	9247	AAA013209		Colorado Parks an Wildlife	d 01/13/2014 12:00:00 AM	MUMMA BT	SO13657	View Details

• When you click to View Details for a record in a Lookup list, the page opens in a new tab or window.

≋ <sub>Br</sub>	owse Hydrologic Areas	3	
Each hy	drologic area is one of these ty	rpes: 1) Rivers, 2) Reaches, 3) Critical Habitats or 4) Lakes/Off-Channel Areas.	
Rivers			
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80	Paria River	P/	
66	Escalante River	ES River Information	
		Name*: San Juan River	
61	Dirty Devil River	DI Code: SJ	
		Description:	
4	Green River	Gi Parent river*:	
		RM start on parent river*: -5.0	
5	Dolores River	D Delete	

## **Bugs Fixes and Issues**

- Lists are optimized to prevent web pages from timing out Some records with lots of Encounters (ex. Razorback Sucker Augmentation Study with 145,000 Encounters) were timing out before lists of Encounters could be generated. Other pages were slow to build. All lists of data throughout the website have been optimized to prevent performance issues. Pages will load much quicker now.
- Hide River miles for Registered Users in "Other Encounters" list When viewing an Encounter as a Registered User (lowest role with limited viewing privileges), river miles were excluded from the details but were visible in the list of Other Encounters. This field has been removed to be consistent with the rest of the site.
- Calendar pickers have been fixed on PIA Locations page The calendar picker was not working correctly in several places on the PIA Location and Array pages.