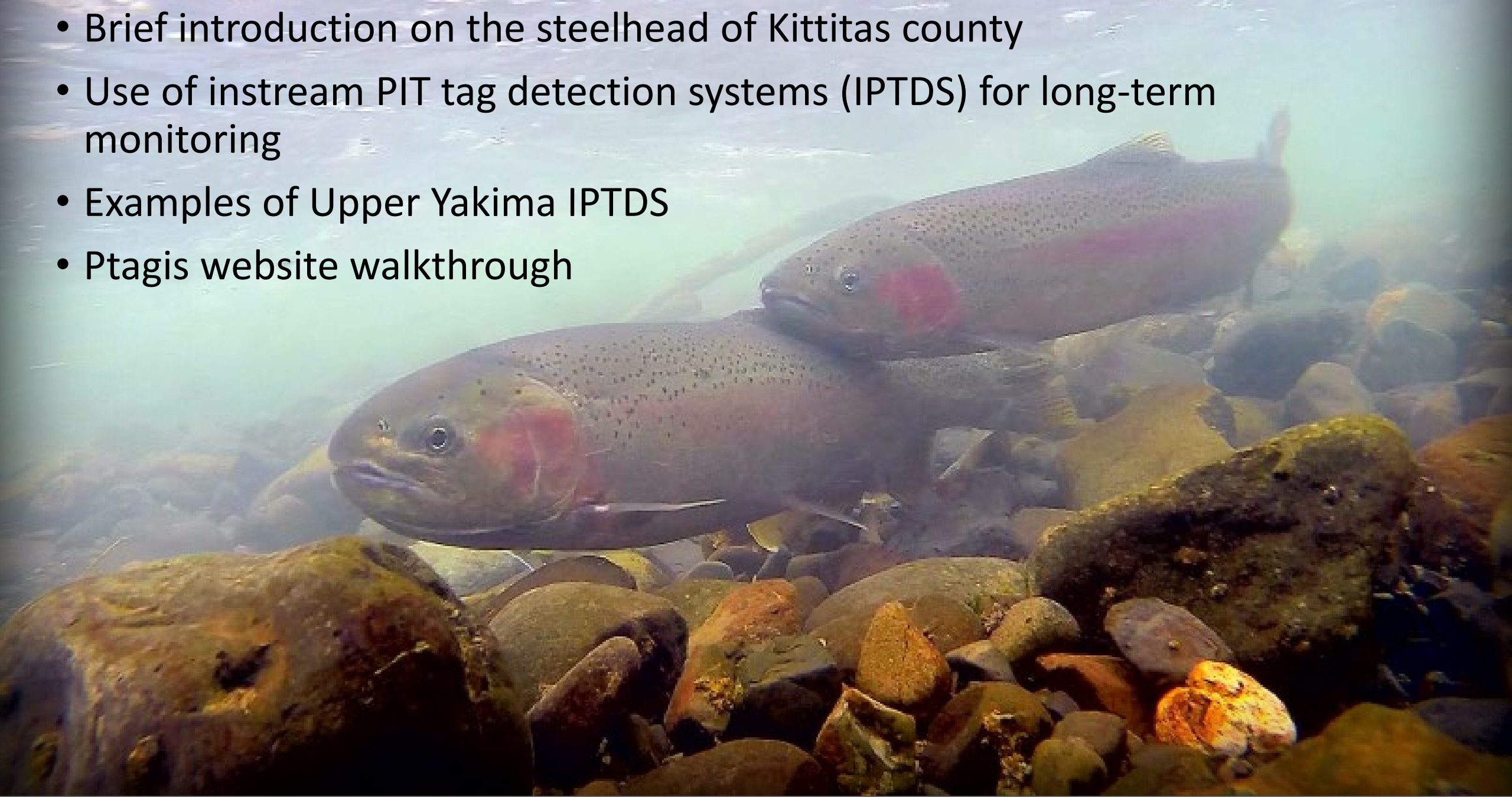


YAKIMA RIVER STEELHEAD



- Brief introduction on the steelhead of Kittitas county
- Use of instream PIT tag detection systems (IPTDS) for long-term monitoring
- Examples of Upper Yakima IPTDS
- Ptagis website walkthrough



Yakima River Steelhead MPG

Yakima River steelhead status

- 1999 Mid Columbia DPS listed
as threatened

Prosser counts

Enumeration 2000-2020

~Avg 3,300 (1,100-6600)

Roza counts

Enumeration 2000-2020

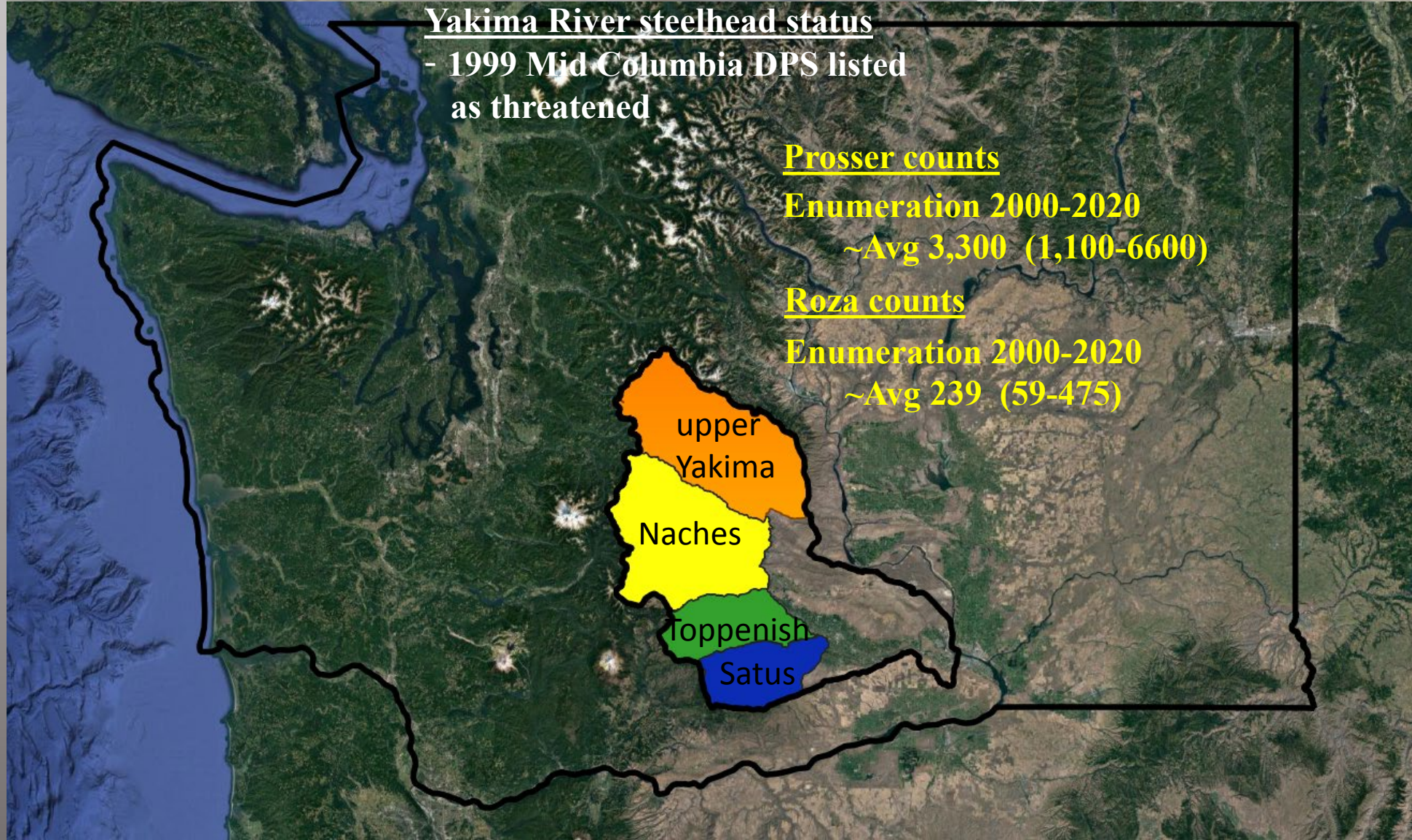
~Avg 239 (59-475)

upper
Yakima

Naches

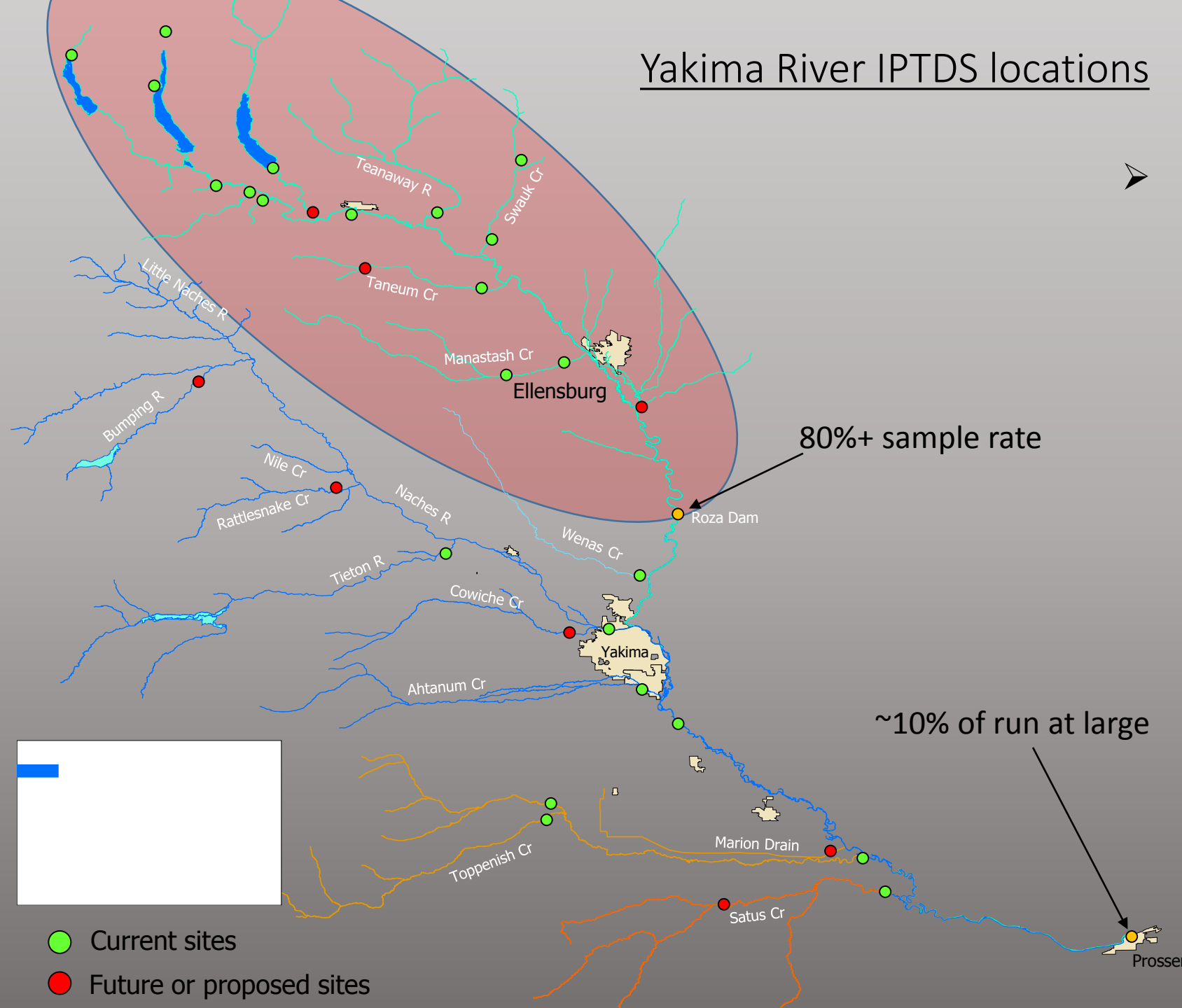
Toppenish

Satus





Yakima River IPTDS locations



Current Sites:

- Lower Satus Cr
- Lower & upper Toppenish Cr
- Sunnyside Dam
- Ahtanum Cr
- Lower Naches R
- Tieton R
- Wenas Cr (BOR & USFWS)
- Lower & Upper Manastash
- Taneum Cr (BOR & USFWS)
- Swauk Cr
- Teanaway R
- Little creek
- Big creek
- Tucker creek
- Tilman creek
- Williams creek
- Kachess river
- Box canyon
- Gold creek

Job box with Master controller

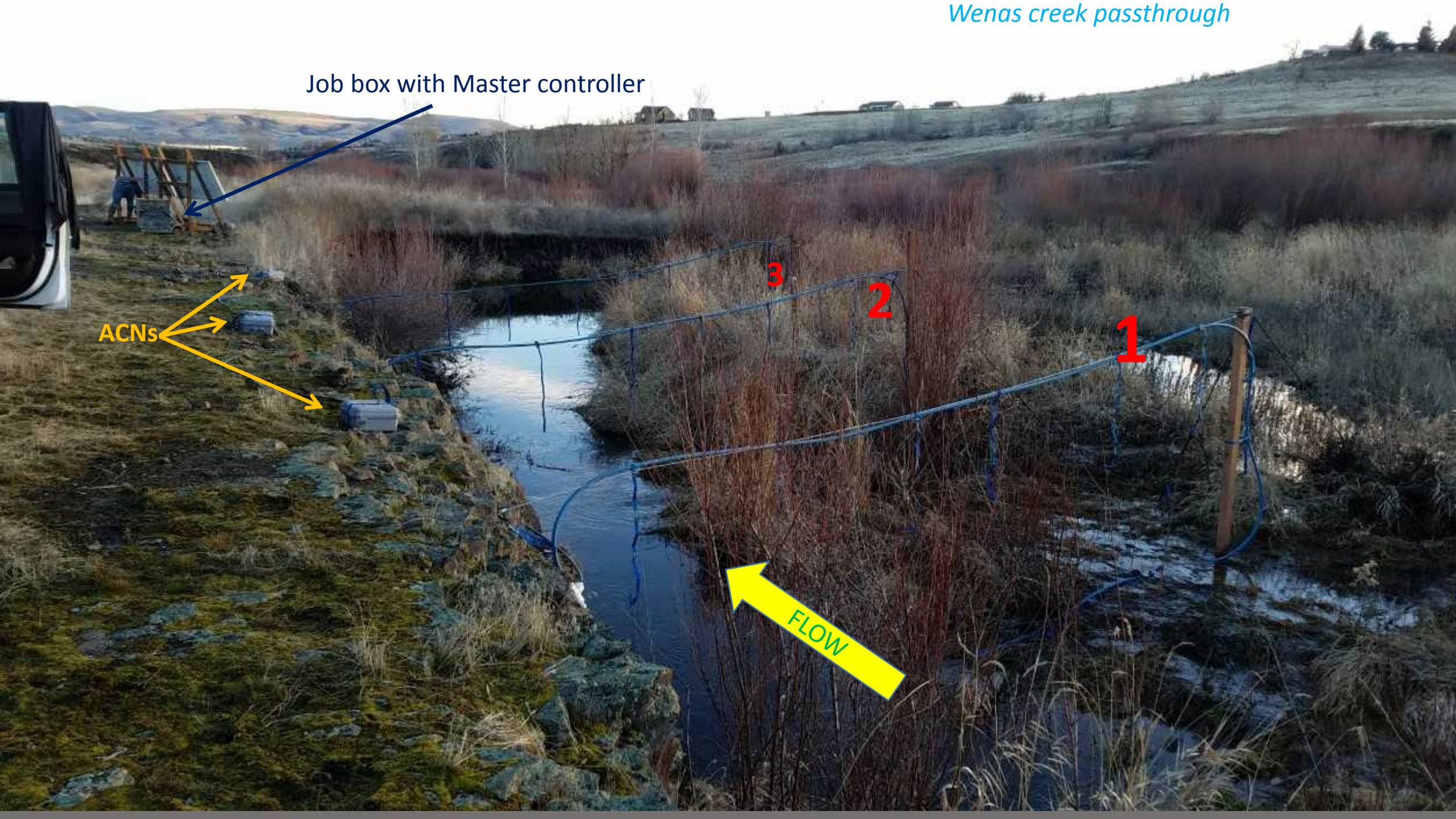
ACNs

3

2

1

FLOW



Teanaway flat plates

1

4

5

2

6

3

Flow



Swauk Creek-hybrid

1" PEX pass-through



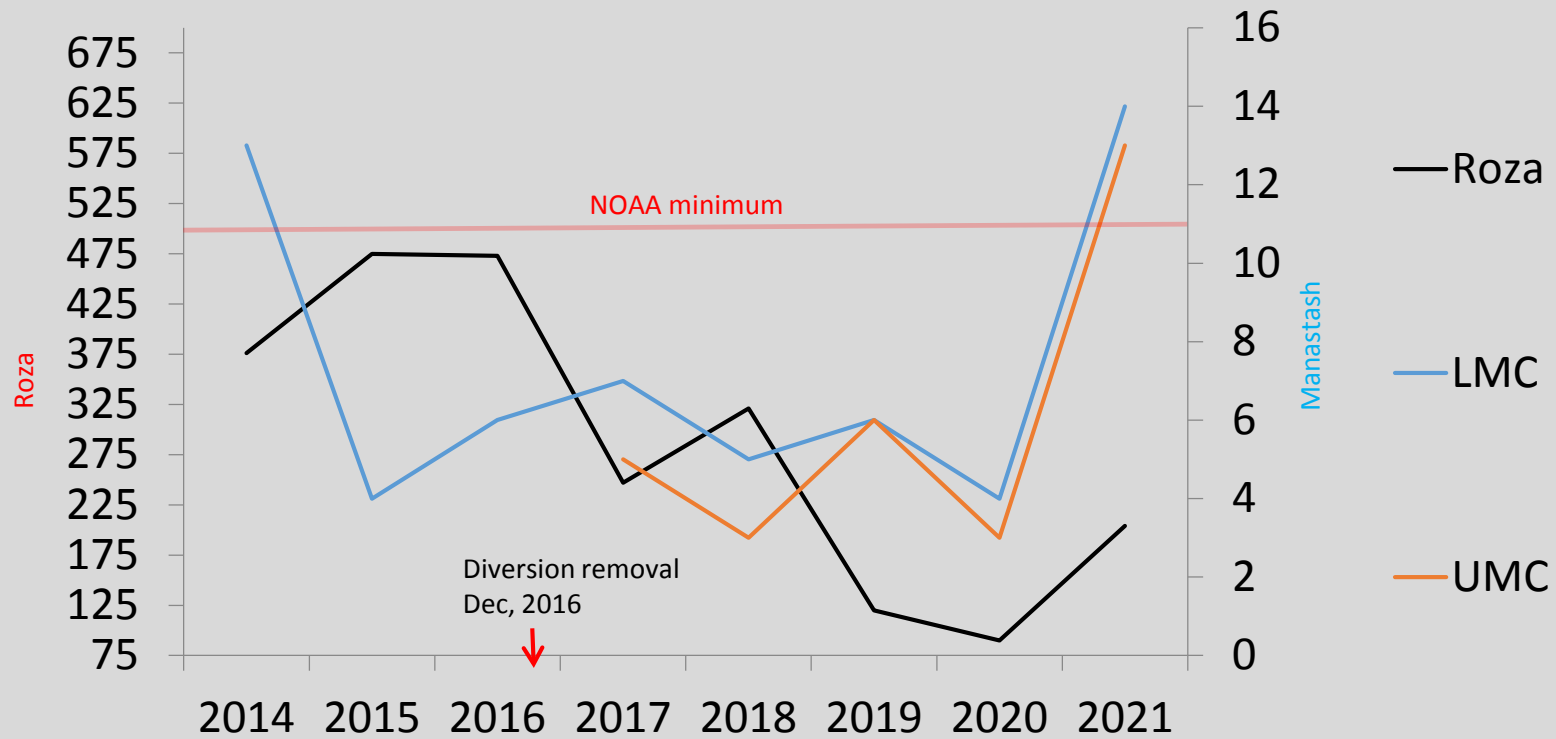
ACN enclosure

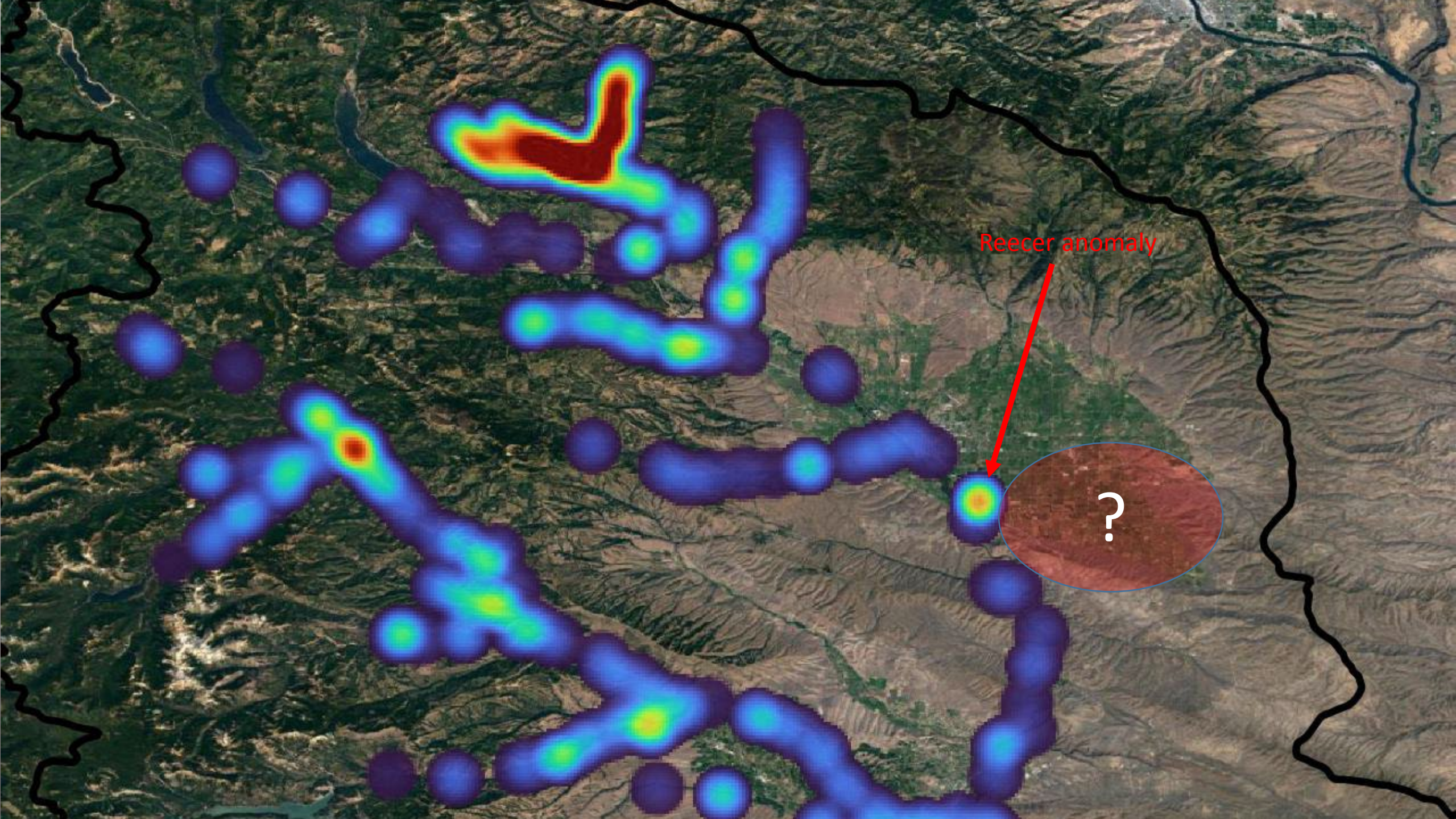


3" HDPE flat plate



Manastash Creek





Reecer anomaly

?

Map

Interrogation Sites

MRR Sites

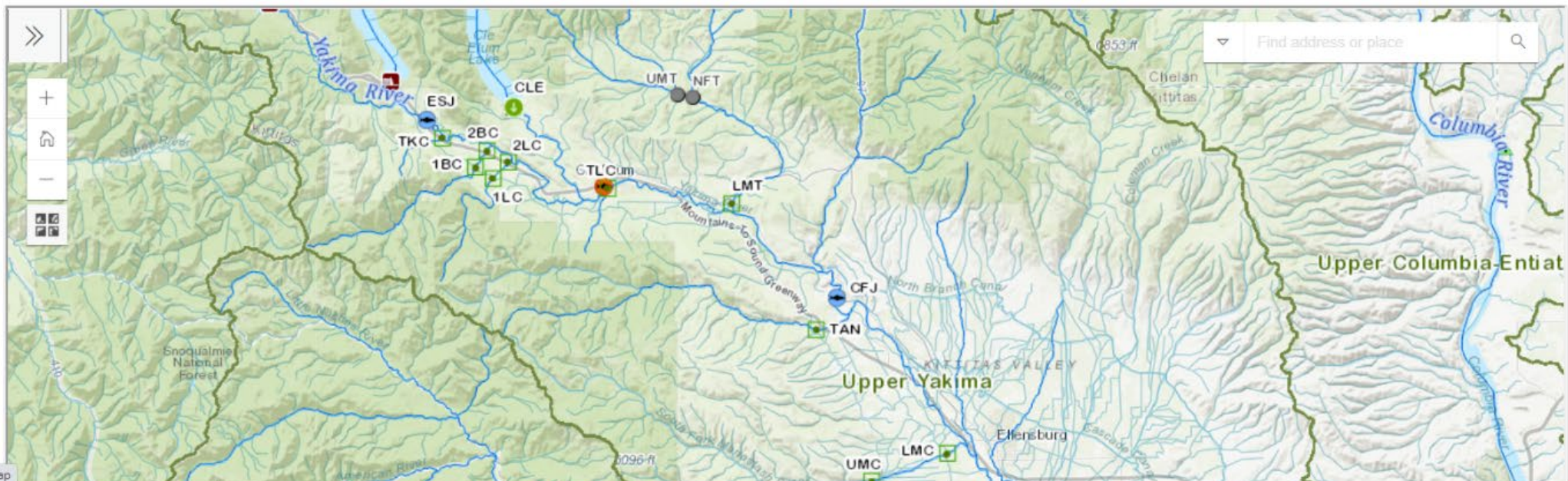
Launch Web Map

Open the ArcGIS web app in a
new tab.

GIS DATA ACCESS

- [Download Geodatabase](#)
- [REST Services Endpoint](#)
- [MRR Sites CSV](#)
- [Interrogation Sites CSV](#)

PTAGIS.ORG



Advanced Reporting

Adult Ladders

Complete Tag History

Observations

Record Summaries

Data has been submitted to PTAGIS by 50 state, federal, tribal, county, private, non-profit, and academic fisheries management and research organizations.

[Contributors](#)

Subscribe to the PTAGIS Newsletter

Search by PIT Tag

About PTAGIS

The Columbia Basin PIT Tag Information System (PTAGIS) is the centralized database for PIT-tagged fish in the Columbia River Basin.

Observations

Site

LMC - Lower Manastash Creek

Time Period

Last Calendar Year

Submit

LMC - Lower Manastash Creek

Instream Remote Detection System operated by WDFW

162 Total Tags Detected the Previous Calendar Year

Tags per Species (click to filter)

Steelhead	161
Unknown	1

Site Information

Data Steward	Zack Mays
Metadata	More Info
Status	Active

Last Data Loaded

File Name	LMC21165.ALL
File Opened (PST)	06/14/2021 13:41
File Closed (PST)	11/30/2021 09:41
File Loaded (Portland Time)	11/30/2021 15:11

Tag	SRR	Mark Site	Release Site	Release Date	First Obs Time	Last Obs Time
3DD.003D45E6EA	Wild O. mykiss (unknown migratory status)	MANASC	MANASC - Manastash Creek - tributary to Yakima River	07/09/2020	01/03/2021 17:03	01/03/2021 17:03
3DD.003D45E6E6	Wild O. mykiss (unknown migratory status)	MANASC	MANASC - Manastash Creek - tributary to Yakima River	07/09/2020	01/07/2021 07:47	04/28/2021 18:14
3DD.0077DC395D	Wild O. mykiss (unknown migratory status)	MANASC	MANASC - Manastash Creek - tributary to Yakima River	05/02/2019	01/08/2021 00:30	05/03/2021 09:49
3DD.003D45E6C5	Wild O. mykiss (unknown migratory status)	MANASC	MANASC - Manastash Creek - tributary to Yakima River	07/09/2020	01/30/2021 19:01	01/30/2021 19:01
3DD.003D45E6ED	Wild O. mykiss (unknown migratory status)	MANASC	MANASC - Manastash Creek - tributary to Yakima River	07/09/2020	02/01/2021 03:02	11/23/2021 18:39
3DD.003D45E6C6	Wild O. mykiss (unknown migratory status)	MANASC	MANASC - Manastash Creek - tributary to Yakima River	07/09/2020	02/16/2021 11:35	02/16/2021 11:35
3DD.003D45E6DE	Wild O. mykiss (unknown migratory status)	MANASC	MANASC - Manastash Creek - tributary to Yakima River	07/09/2020	03/26/2021 19:16	03/28/2021 00:09
3DD.0077BD0FD9	Wild O. mykiss (unknown migratory status)	MANASC	MANASC - Manastash Creek - tributary to Yakima River	05/02/2019	03/28/2021 12:46	04/16/2021 13:16
3DD.007783ACC7	Wild Summer Steelhead	ROZ	ROZTAL - ROZ - Release into the Tailrace within 0.5 km downstream of Dam	10/23/2020	04/03/2021 19:52	04/03/2021 19:52
3DD.007784451B	Wild Summer Steelhead	ROZ	ROZTAL - ROZ - Release into the Tailrace within 0.5 km downstream of Dam	03/15/2021	04/04/2021 03:19	04/04/2021 03:23
3DD.003D45DB9D	Wild O. mykiss (unknown migratory status)	MANASC	MANASC - Manastash Creek - tributary to Yakima River	07/09/2020	04/05/2021 06:22	04/05/2021 06:22
3DD.003D45DBC7	Wild O. mykiss (unknown migratory status)	MANASC	MANASC - Manastash Creek - tributary to Yakima River	06/08/2020	04/06/2021 20:12	04/06/2021 20:27
3DD.003D45DBBB	Wild O. mykiss (unknown migratory status)	MANASC	MANASC - Manastash Creek - tributary to Yakima River	06/08/2020	04/15/2021 23:05	04/15/2021 23:05

Sort Ascending

Sort Descending

Drill

Show Totals

Replace With

Submit

Tag	SRR	Mark Site	Release Site	Release Date	First Obs Time	Last Obs Time
3DD.00778E989A	Wild Summer Steelhead	ROZ	ROZTAL - ROZ - Release into the Tailrace within 0.5 km downstream of Dam	03/26/2019	05/03/2021 02:41	05/03/2021 02:41
3DD.00778A1828	Wild Summer Steelhead	PRO	PROTAL - PRO - Release into the Tailrace within 0.5 km downstream of Dam	10/20/2020	05/24/2021 01:32	05/24/2021 01:32
3DD.007783ACC7	Wild Summer Steelhead	ROZ	ROZTAL - ROZ - Release into the Tailrace within 0.5 km downstream of Dam	10/23/2020	04/03/2021 19:52	04/03/2021 19:52
3DD.0077820005	Wild Summer Steelhead	ROZ	ROZTAL - ROZ - Release into the Tailrace within 0.5 km downstream of Dam	04/08/2021	04/19/2021 11:34	04/19/2021 11:34
3DD.00778391E8	Wild Summer Steelhead	ROZ	ROZTAL - ROZ - Release into the Tailrace within 0.5 km downstream of Dam	04/08/2021	04/17/2021 18:58	04/25/2021 17:43
3DD.007784451B	Wild Summer Steelhead	ROZ	ROZTAL - ROZ - Release into the Tailrace within 0.5 km downstream of Dam	03/15/2021	04/04/2021 03:19	04/04/2021 03:23
3DD.0077D286E5	Wild Summer Steelhead	ROZ	ROZTAL - ROZ - Release into the Tailrace within 0.5 km downstream of Dam	04/08/2021	04/19/2021 12:21	04/29/2021 00:24
3DD.0077CDE13B	Wild Summer Steelhead	ROZ	ROZTAL - ROZ - Release into the Tailrace within 0.5 km downstream of Dam	04/20/2021	04/23/2021 14:00	04/23/2021 14:00
3DD.0077D20014	Wild Summer Steelhead	ROZ	ROZTAL - ROZ - Release into the Tailrace within 0.5 km downstream of Dam	04/19/2021	04/24/2021 18:08	04/24/2021 18:08
3DD.0077D290B0	Wild Summer Steelhead	ROZ	ROZTAL - ROZ - Release into the Tailrace within 0.5 km downstream of Dam	04/19/2021	04/24/2021 15:41	05/06/2021 22:08
3DD.0077CDA7C1	Wild Summer Steelhead	ROZ	ROZTAL - ROZ - Release into the Tailrace within 0.5 km downstream of Dam	04/22/2021	04/28/2021 16:58	05/08/2021 01:30
3DD.0077CE08E0	Wild Summer Steelhead	ROZ	ROZTAL - ROZ - Release into the Tailrace within 0.5 km downstream of Dam	05/14/2021	05/30/2021 03:42	05/30/2021 03:42
3DD.0077D1FBB8	Wild Summer Steelhead	ROZ	ROZTAL - ROZ - Release into the Tailrace within 0.5 km downstream of Dam	04/19/2021	04/25/2021 13:54	05/05/2021 23:49
3DD.0077D36916	Wild Summer Steelhead	ROZ	ROZTAL - ROZ - Release into the Tailrace within 0.5 km downstream of Dam	04/13/2021	05/08/2021 05:33	05/08/2021 05:33
3DD.0077DC395D	Wild O. mykiss (unknown migratory status)	MANASC	MANASC - Manastash Creek - tributary to Yakima River	05/02/2019	01/08/2021 00:30	05/03/2021 09:49
3DD.0077BD0FD9	Wild O. mykiss (unknown migratory status)	MANASC	MANASC - Manastash Creek - tributary to Yakima River	05/02/2019	03/28/2021 12:46	04/16/2021 13:16
3DD.00778E989A	Wild O. mykiss (unknown migratory status)	MANASC	MANASC - Manastash Creek - tributary to Yakima River	06/11/2019	06/14/2021 23:19	06/14/2021 23:19

Complete Tag History

PIT Tag
Enter up to 50 tags, one per line.

3DD.00778E989A

Submit

Complete Tag History

Tag History

Summary by Tag

MRR Details All Tags

Obs Details All Tags

Map of All Tags

Complete Tag History for

3DD.00778E989A

Mark and Release Information	
Species	Wild Summer Steelhead
Mark Date	03/26/2019
Mark Site	ROZ - Roza Dam
Mark Site Type	Dam
Release Date	03/26/2019
Release Site	ROZTAL - ROZ - Release into the Tailrace within 0.5 km downstream of Dam
Release Site Type	Intra-Dam Release Site
Release Site RKM	539.206
Event Capture Method	Adult Passage Ladder
Length (mm)	540
Weight (g)	1542.2
Conditional Comments	AT RF FE
Text Comments	ROZA ID = 52

File and Project Information	
MRR Project	WJB - Yakima Basin Adult Tagging Projects
Coordinator	Bill Bosch
File Name	WJB-2019-028-001.XML
Session Message	ROZA 2019 TAG AND RECAPTURE RECORDS
Tag Distribution Information	
Tag Distributed By	PTAGIS
FWP Project	1995-063-25 - YKFP - Monitoring And Evaluation
Project Contact	Mark Johnston
Tag Recipient	Ida Ike
Ship Date	02/03/2016
Tag Type	12 millimeter PIT tag
Tag Model	TX1400SST

Event Summary

Tag	Event Date	Event Type	Event Site	Event Site RKM	Event Release Date	Event Release Site	Event Release Site RKM
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21 1/4 "
3.4 LBS

Tag History

• Summary by Tag

MRR Details All Tags

Obs Details All Tags

Map of All Tags

Tag	Event Date	Event Type	Event Site	Event Site RKM	Event Release Date	Event Release Site	Event Release Site RKM
3DD.00778E989A	03/26/2019	Mark	ROZ	539.206	03/26/2019	ROZTAL	539.206
	04/10/2019	Observation	LMC	539.253.002			
	04/18/2019	Observation	UMC	539.253.010			
	04/25/2019	Observation	UMC	539.253.010			
	04/27/2019	Observation	UMC	539.253.010			
	04/28/2019	Observation	UMC	539.253.010			
	04/29/2019	Observation	LMC	539.253.002			
			UMC	539.253.010			
	05/17/2019	Observation	BCC	234			
	09/13/2019	Observation	TD1	308			
	09/15/2019	Observation	JO1	347			
	09/18/2019	Observation	MC1	470			
	09/29/2019	Observation	PRO	539.076			
	03/05/2020	Observation	SUN	539.166			
	03/29/2020	Observation	ROZ	539.206			
	04/12/2020	Observation	LMC	539.253.002			
	04/16/2020	Observation	UMC	539.253.010			
	04/25/2020	Observation	UMC	539.253.010			
	10/21/2020	Observation	PRO	539.076			
	03/06/2021	Observation	SUN	539.166			
	04/02/2021	Observation	ROZ	539.206			
	04/05/2021	Recapture	ROZ	539.206	04/05/2021	ROZTAL	539.206
	04/22/2021	Observation	UMC	539.253.010			
	04/26/2021	Observation	UMC	539.253.010			
	04/27/2021	Observation	UMC	539.253.010			
	04/28/2021	Observation	UMC	539.253.010			
	04/29/2021	Observation	UMC	539.253.010			
	05/03/2021	Observation	LMC	539.253.002			



Questions?

