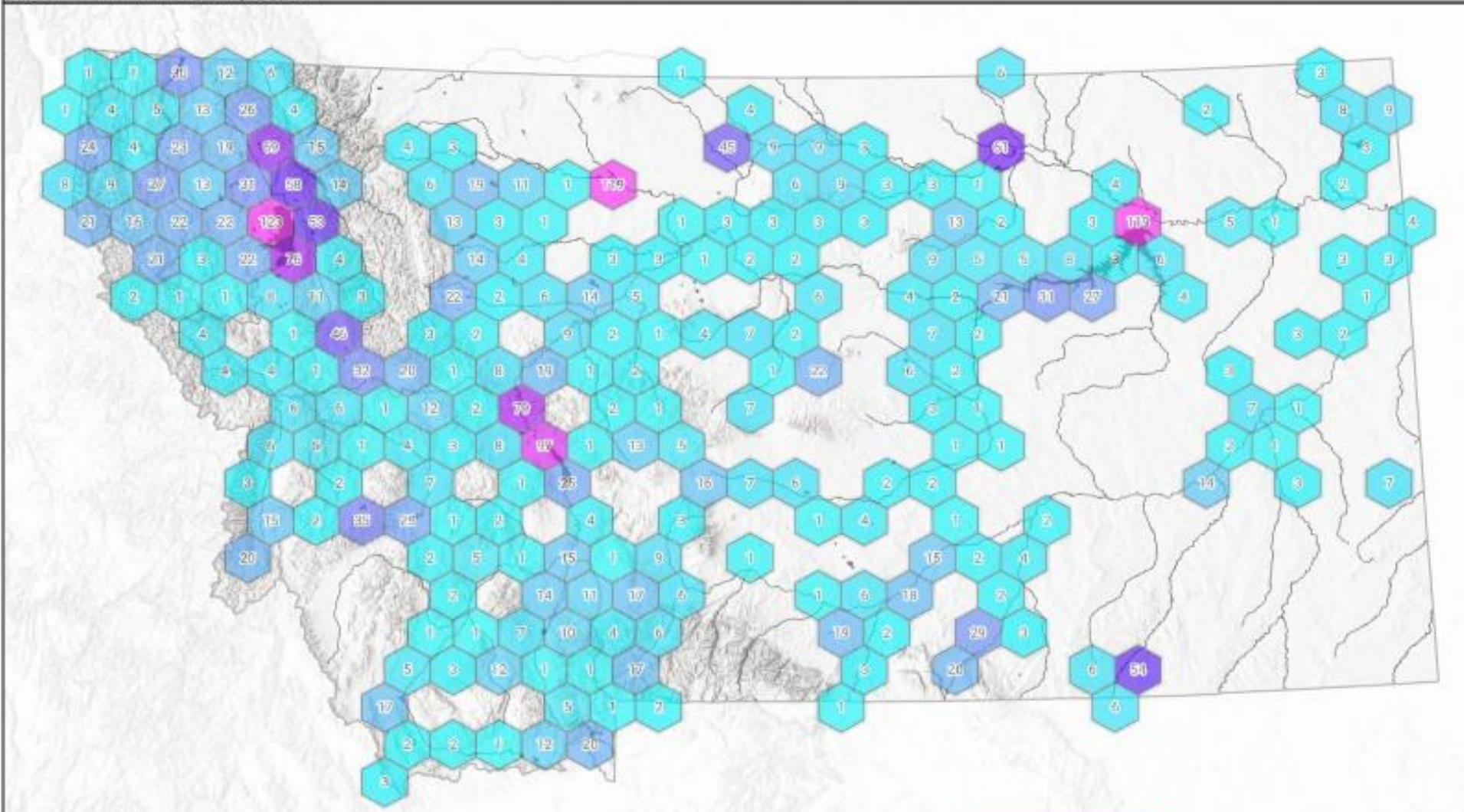


Montana AIS Early Detection Update

**COLUMBIA RIVER BASIN MEETING
JUNE 4-5, 2024**



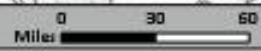
2023 FWP Plankton Net Survey Location



Plankton Net AIS Sample Location Density



Map Produced by FWP AIS Program by RCA 1/2/2024
Survey Location date range: 5/17/23 - 8/30/23

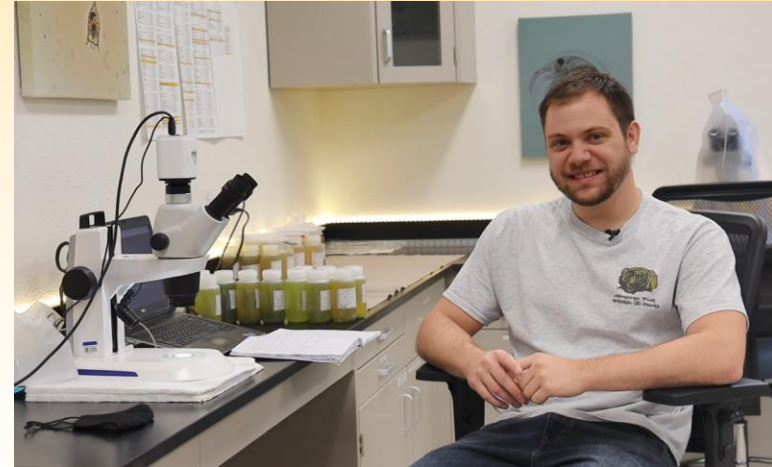


2024 Montana Early Detection Annual Work Plan

Partner	Waters Sampled	Plankton Samples	eDNA Samples	Lamp eDNA Samples
MT Fish, Wildlife & Parks	486	3,177	200	
Flathead Lake Biological Station	7	304	163	
Whitefish Lake Institute and Partners	61	186	43	20
Clearwater Resource Council	6	186		
Missoula County Department of Ecology	4	125		
Gallatin Conservation District	2	70		
Bureau of Reclamation	8	43	44	
MT Fish, Wildlife & Parks/Confederated Salish and Kootenai Tribes	11	32		
US Army Corps of Engineers-Fort Peck	2	32		
Glacier National Park	6	23	29	
MT Fish, Wildlife & Parks/Blackfeet Nation	4	18		
Flathead Lake Biological Station/Confederated Salish and Kootenai Tribes	5	10	5	
	~490	4,206	478	20

Early Detection Survey – To Date

- Sampling began 1st week of May
- ~250 plankton samples to date
- ~20 waters sampled
- 20 eDNA samples to date
- Expanded partner sampling and survey
- 3 early detection trainings



New Detections 2024

- **Mystery Snail: Flathead Lake**
 - Confirmed live adults in April – 1st MT Population
- **New Zealand Mudsnail: upper Silver Bow Creek, Butte, MT**
 - Clark Fork Headwaters
 - USGS gauge station surveys
- **Dojo Loach: Urban Pond-Bozeman**
 - Fisherman caught/reported



Early Detection Trainings

The Flathead Lake Biological Station
and MT Fish, Wildlife & Parks

Present:

An AIS Early Detection and Monitoring Workshop
June 10 & 11, 2024 10-4pm
Flathead Lake Biological Station
32125 BioStation Lane
Polson, MT 59860

Day 1:
AIS Sampling Techniques
AIS Identification
Survey 123 Data App

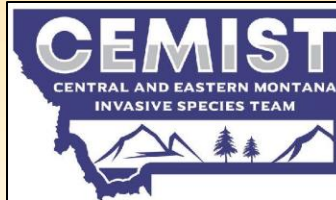
Decontamination Protocols
AIS Sampling Field Trip
Lunch Provided!!!

Day 2:
LAMP Training - Using "Point of Sampling" for eDNA Detection
eDNA Training Field Trip
Lunch Provided!!!

Free and open to all!

Photo Credit: Kyren Zimmerman

RSVP by May 20 to phil.matson@flbs.umt.edu



Aquatic Invasive Species Early Detection & Monitoring Training
SAVE THE DATE!
June 18th

The Central & Eastern Montana Invasive Species Team, MT FWP, and Valley Conservation District are hosting an Aquatic Invasive Species Detection & Monitoring Training.

 Fort Peck Interpretive Center
157 Yellowstone Road
Fort Peck, MT

 Tuesday
June 18th, 2024
10:00am-5:00pm

Attendance Limited to 20 people
FREE LUNCH will be provided!

RSVP by June 1st, 2024

Brent Smith
cemist.manager@gmail.com
(406) 599-5120

-or-

Hayley Young
vccdm20@gmail.com
(406) 228-4321



MONTANA FWP

**PROTECT OUR
WATERS**

FWP.MT.gov/AIS

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