

MT Early Detection and Monitoring Program 2021 Season Update

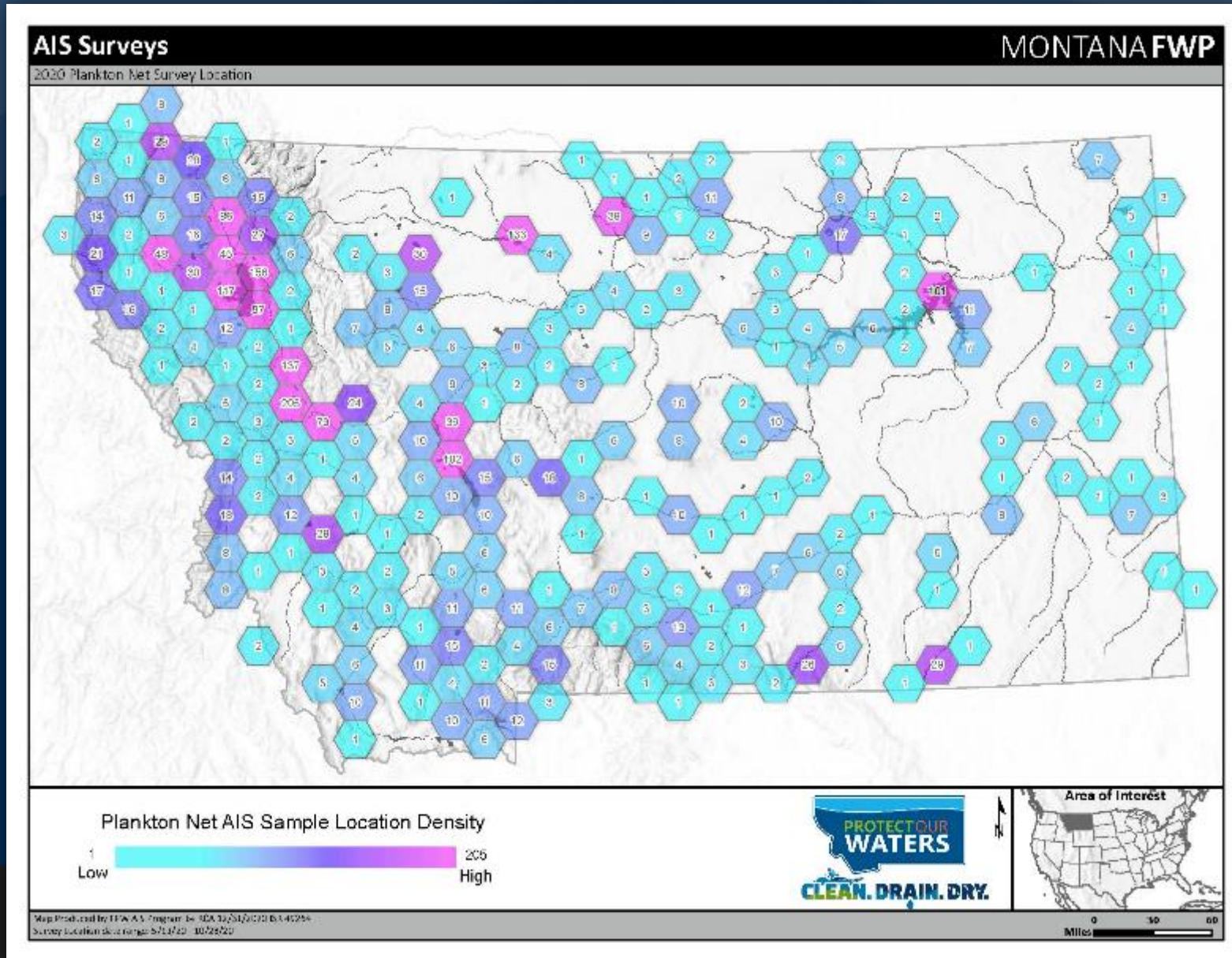
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406-438-2592



2020 Sampling Results



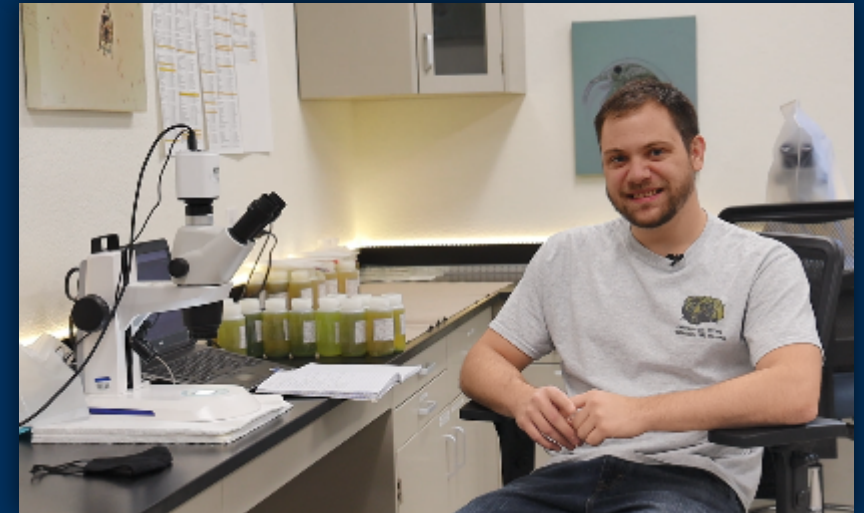
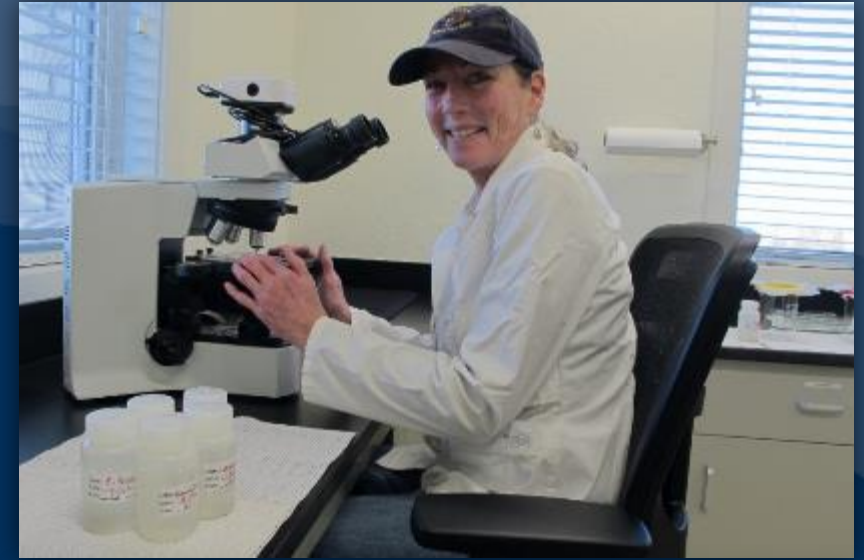
MT AIS Lab Turnaround - 2020

Priority	Rank	Turnaround Time (Avg. Days)	Total # Samples
Risk 5/ Hatchery	5	8	228
Risk 4	4	9	790
Risk 3 Lake	3a	60	1,056
Risk 3 River	3b	74	128
Out-of-State	3c	135	688
Risk 2	2	52	400
Risk 1	1	51	160
Totals		56	3,450



Some Changes to FWP Lab Team

- Lab Manager - Stacy Schmidt
 - Kalispell Lab - Jayden Duckworth
 - Lead Lab Tech (Helena) - Keegan Effertz
 - Gail Johnson retired in 2020
 - Seasonal Lab Tech (Helena) - Katie Richter



Tiber Reservoir-2020

- 120 plankton samples
- Shoreline surveys
- FLBS and BOR - eDNA – 2x
 - ROV used as well
- Benthic Sled
- USFWS Divers
- Detection dogs



Deb Tirmenstein

Current State of Tiber Reservoir

- No positive finds in any sampling
- 2021 is Year 5 of 5
 - Final year of sampling before status change
- 2021 sampling will be similar to past efforts



2021 Plans

- Started mid-May
- Run through most of Oct
- Similar to 2020 efforts
 - ~2220 surveys – FWP

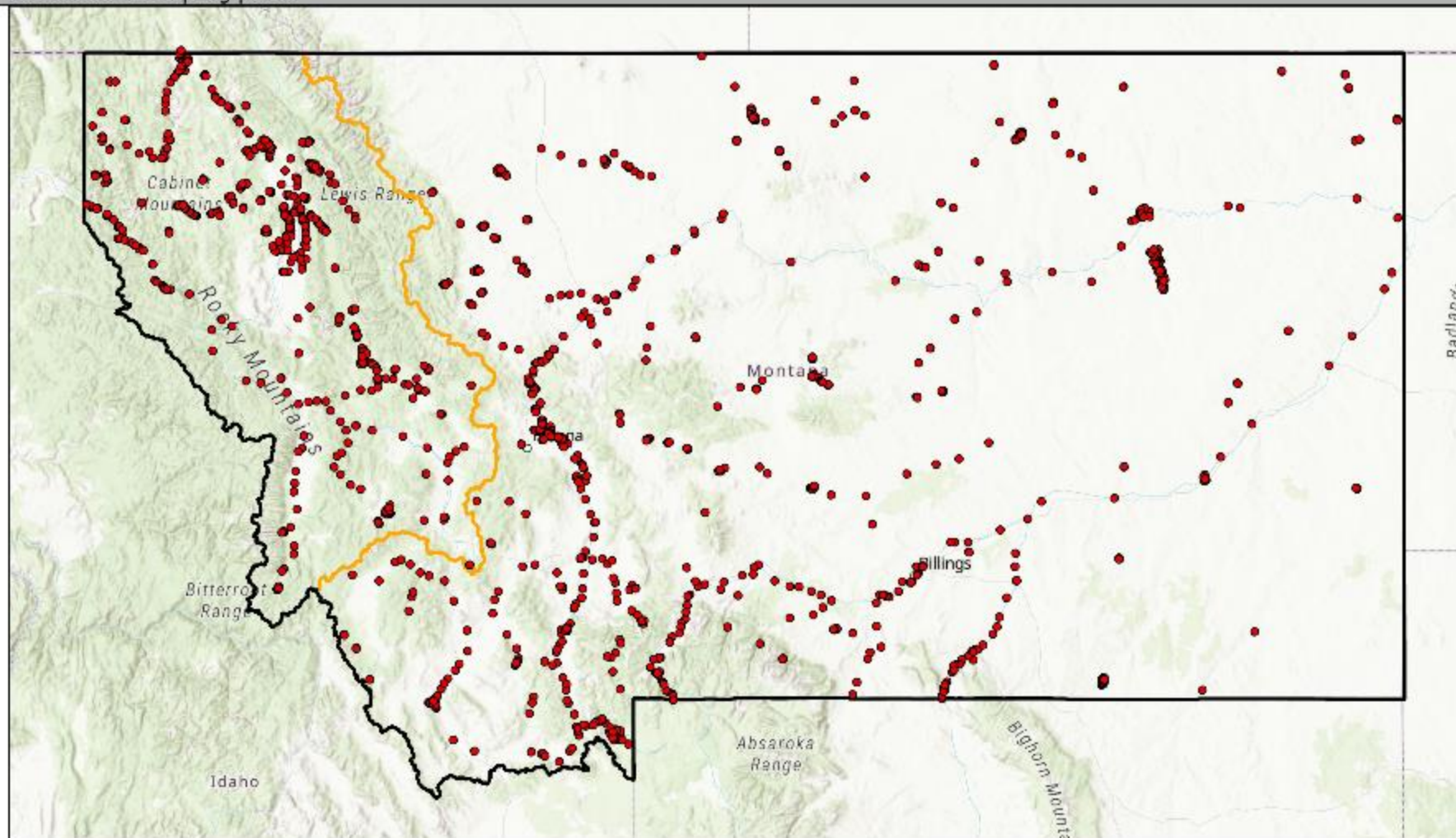


Water Name	East/West Divide	% of Total Sampling	Total Samples	MT Fish, Wildlife & Parks	Clearwater Resource Council	Flathead Lake Biological Station	Whitefish Lake Institute	US Army Corps of Engineers	Bureau of Reclamation	Glacier National Park	US Forest Service - Flathead National Forest	Avista
Grand Total			3130	2220	310	307	91	72	52	44	28	6
Flathead Lake	West	10.5%	328	96		226	6					
Salmon Lake	West	2.4%	75	30	45							
Seeley Lake	West	2.4%	75	30	45							
Placid Lake	West	2.1%	65	30	35							
Whitefish Lake	West	1.6%	50	30			20					
Lindbergh Lake	West	1.3%	41	8	25		1				7	
Hungry Horse Reservoir	West	1.3%	40	20			10		10			
Holland Lake	West	1.2%	39	6	25		1				7	
Lake Inez	West	1.2%	36	6	30							
Swan Lake	West	1.1%	35	24			1				10	
Noxon Rapids Reservoir	West	1.1%	33	30								3
Browns Lake	West	1.0%	31	6	25							
Upsata Lake	West	1.0%	31	6	25							
Lake Koocanusa	West	1.0%	30	30								
Lake Alva	West	0.8%	26	6	20							
Coopers Lake	West	0.8%	24	4	20							
Cabinet Gorge Reservoir	West	0.7%	21	18								3
Georgetown Lake	West	0.7%	21	21								
Big Sky Lake (Fish Lake)	West	0.5%	15		15							
Tally Lake	West	0.4%	12	8			4					
Beaver Lake	West	0.4%	12	6			6					
Mcgregor Lake	West	0.4%	12	12								
Middle Thompson Lake	West	0.4%	12	12								
Lake Mary Ronan	West	0.4%	11	10			1					
Echo Lake	West	0.4%	11	10			1					
Ashley Lake	West	0.4%	11	8			3					
Van Lake (South of Swan)	West	0.3%	10	6							4	
Bull Lake	West	0.3%	10	10								
Thompson Falls Reservoir	West	0.3%	10	10								
Blanchard Lake (Near Whitefish)	West	0.3%	10	6			4					
Little Bitterroot Lake	West	0.3%	9	8			1					
Bowman Lake	West	0.3%	8							8		
Lower Thompson Lake	West	0.3%	8	8								

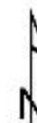
2021 Sampling Locations

MONTANA FWP

Locations of sampling points



- Continental Divide
- State of Montana



Map valid for: 2021 season
Map Produced by: AIS Bureau
Author: Craig McLane
SampleWaters2021.aprx

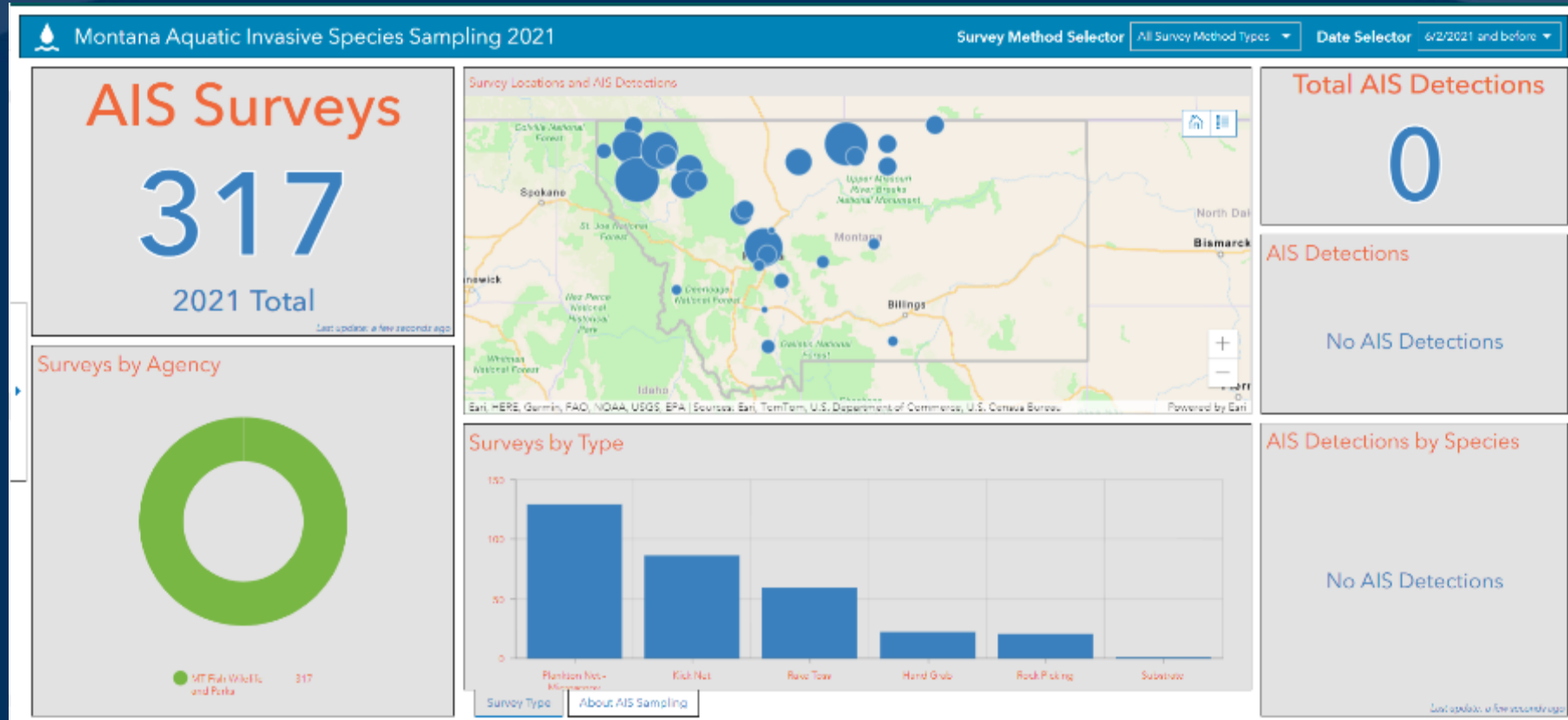
Credits:
Sampling data from Montana Fish, Wildlife & Parks, Helena, MT. Background Imagery from ESRI.

0 60 120 180 240
Miles



AIS Monitoring Dashboard –

<https://cleandraindrymt.com>



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