

Water Diversion Inventory and Assessment

GIS Work:

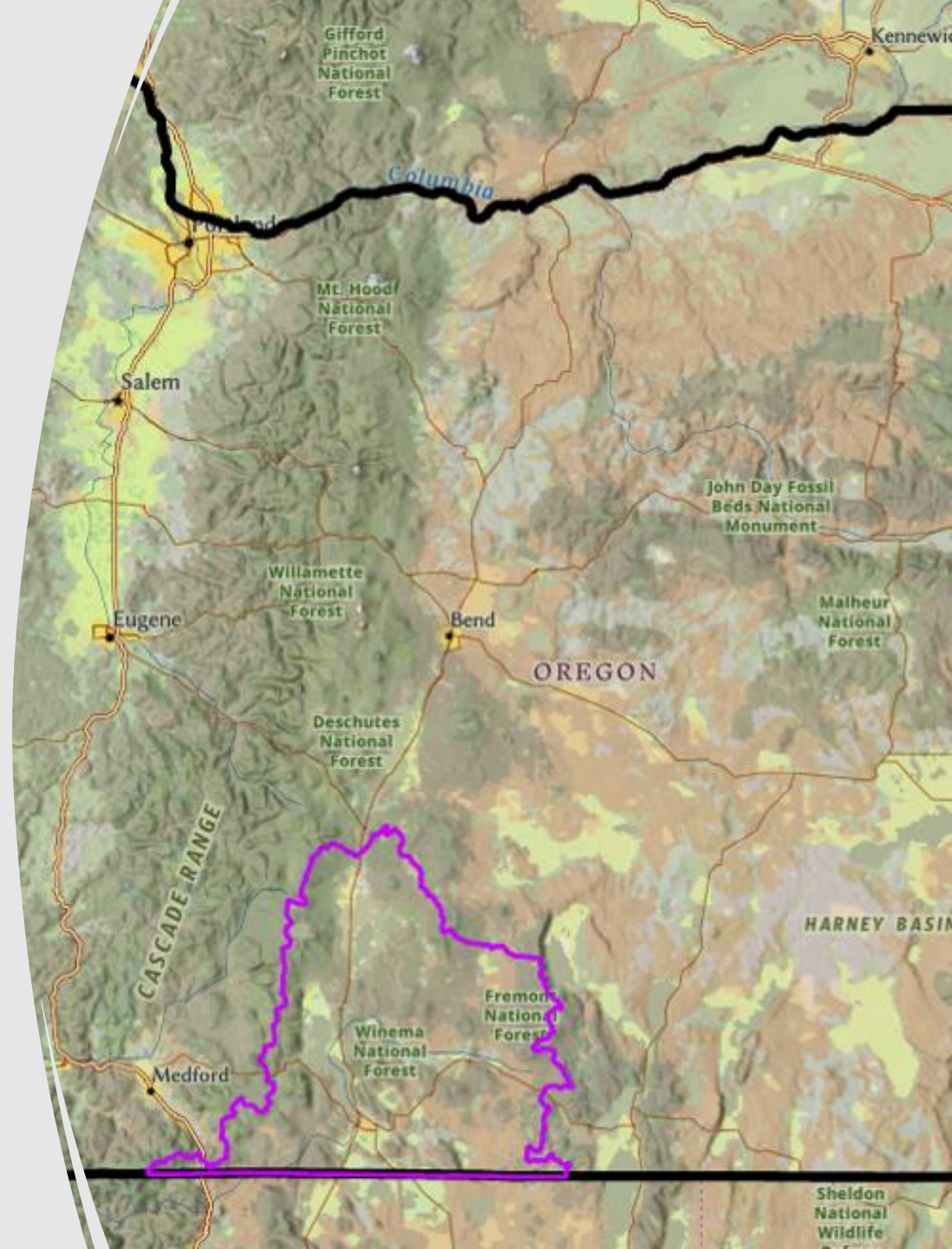
Katherine Nordholm

ODFW Fish Screens and
Passage Coordinator

[Katherine.e.nordholm@ODFW.
Oregon.gov](mailto:Katherine.e.nordholm@ODFW.Oregon.gov)

Presented By:

Philip Milburn





Purpose - Advance pace and scale of screening

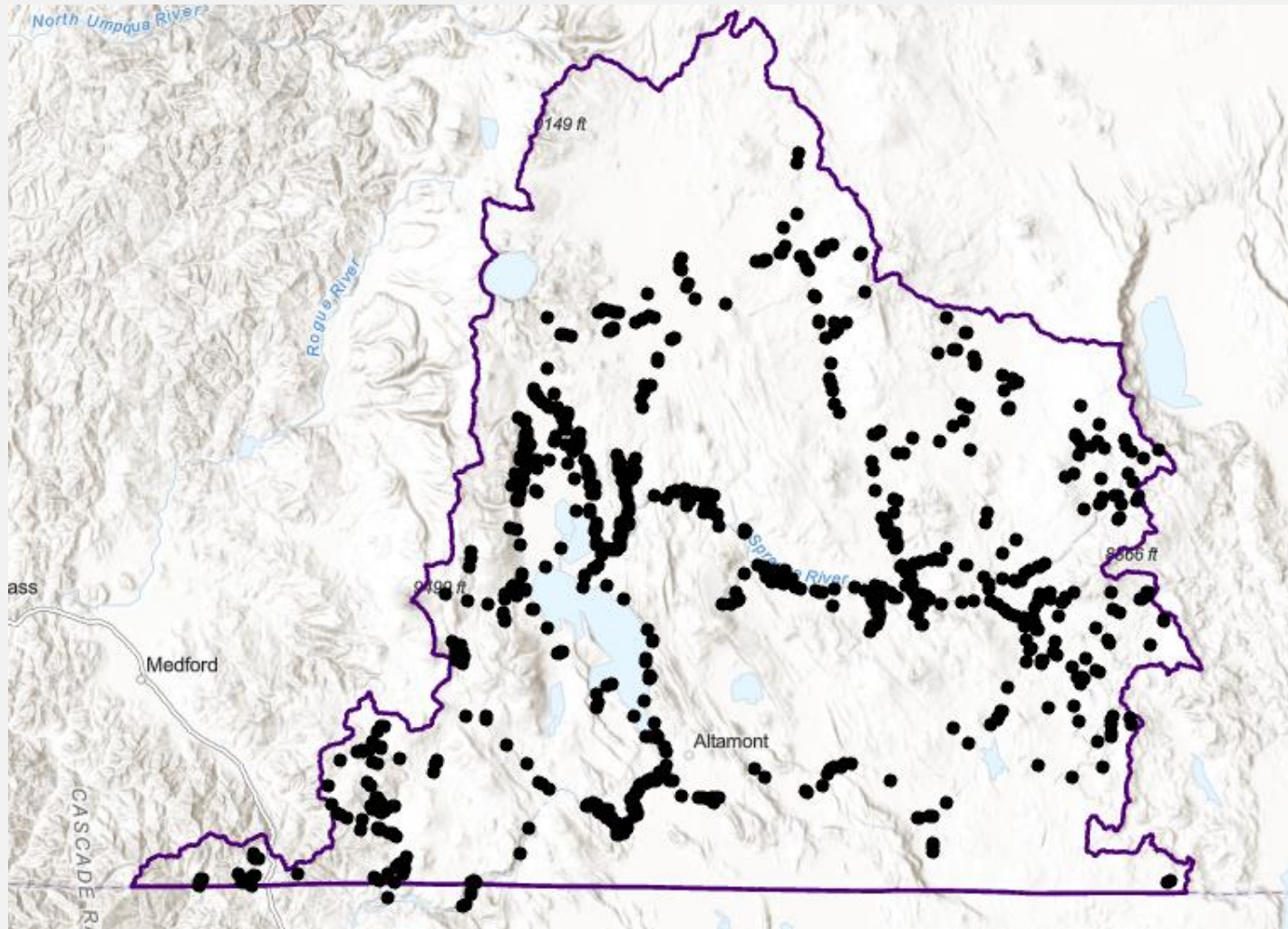
Screening Workgroup

Effective – Achieve quality results from resource investments.

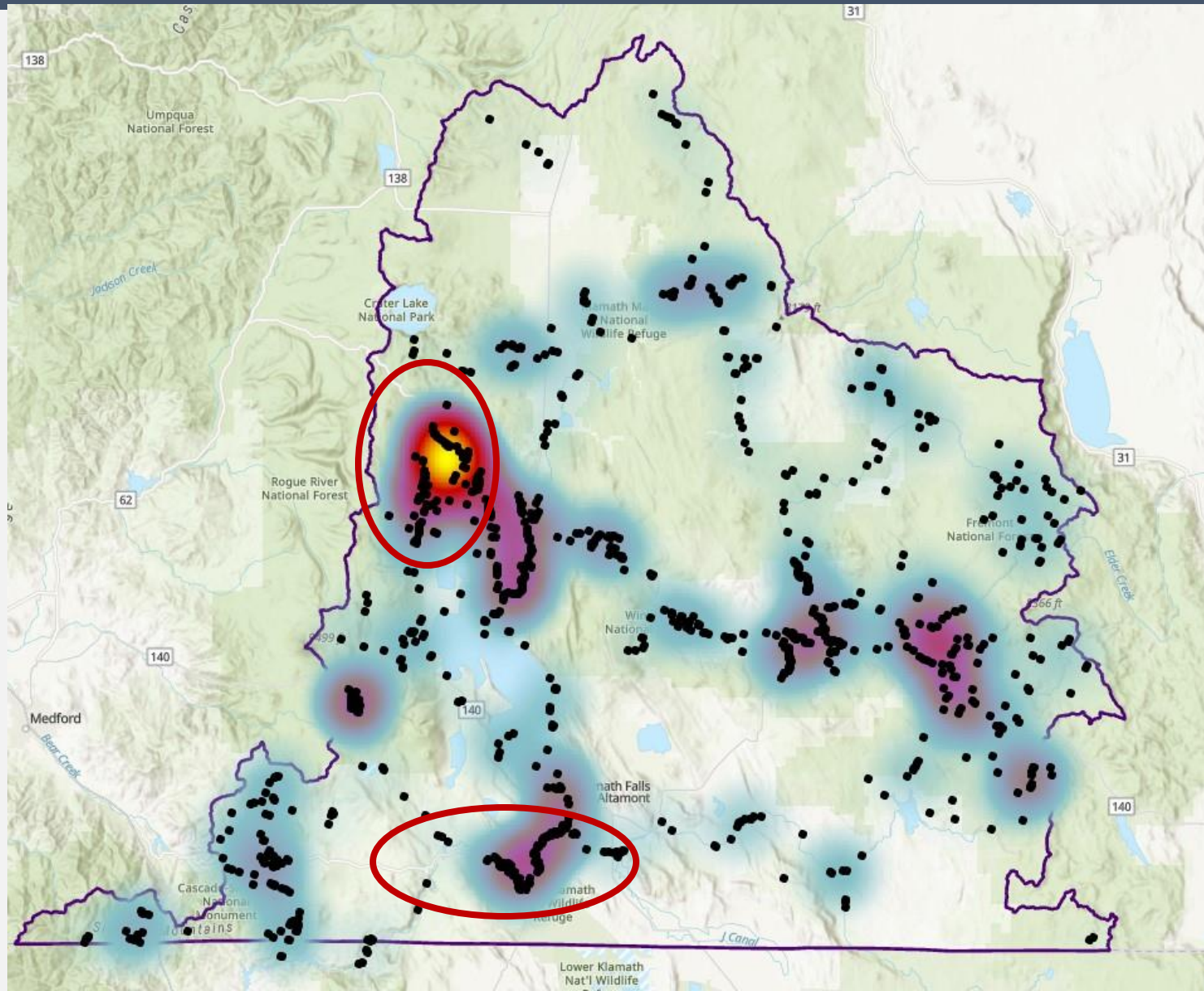
Data Screening

2,811 POD Within ¼ Mile of Stream with Fish Presence

- Redband Trout, Suckers, Anticipated Anadromous

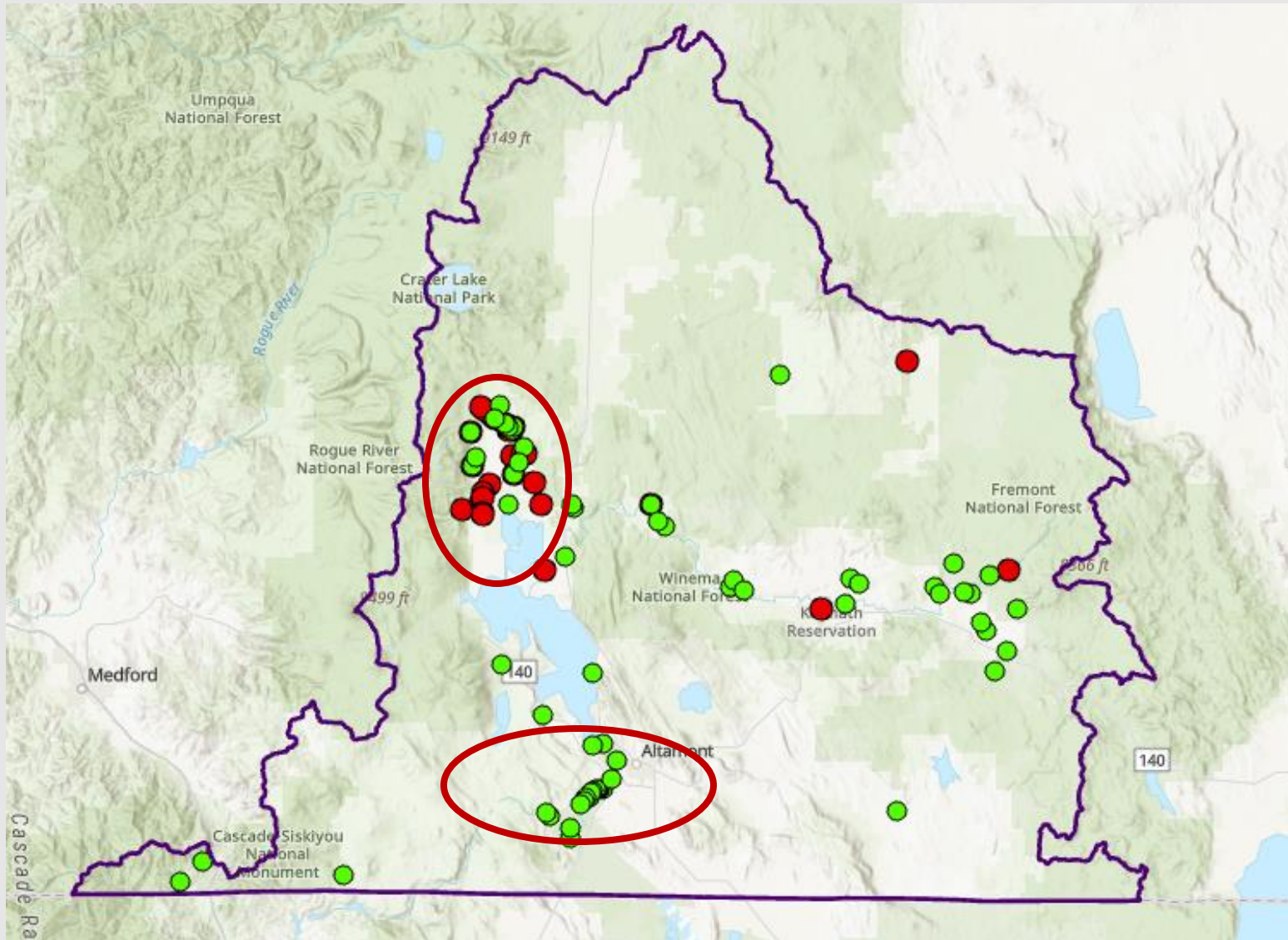


Focal Areas



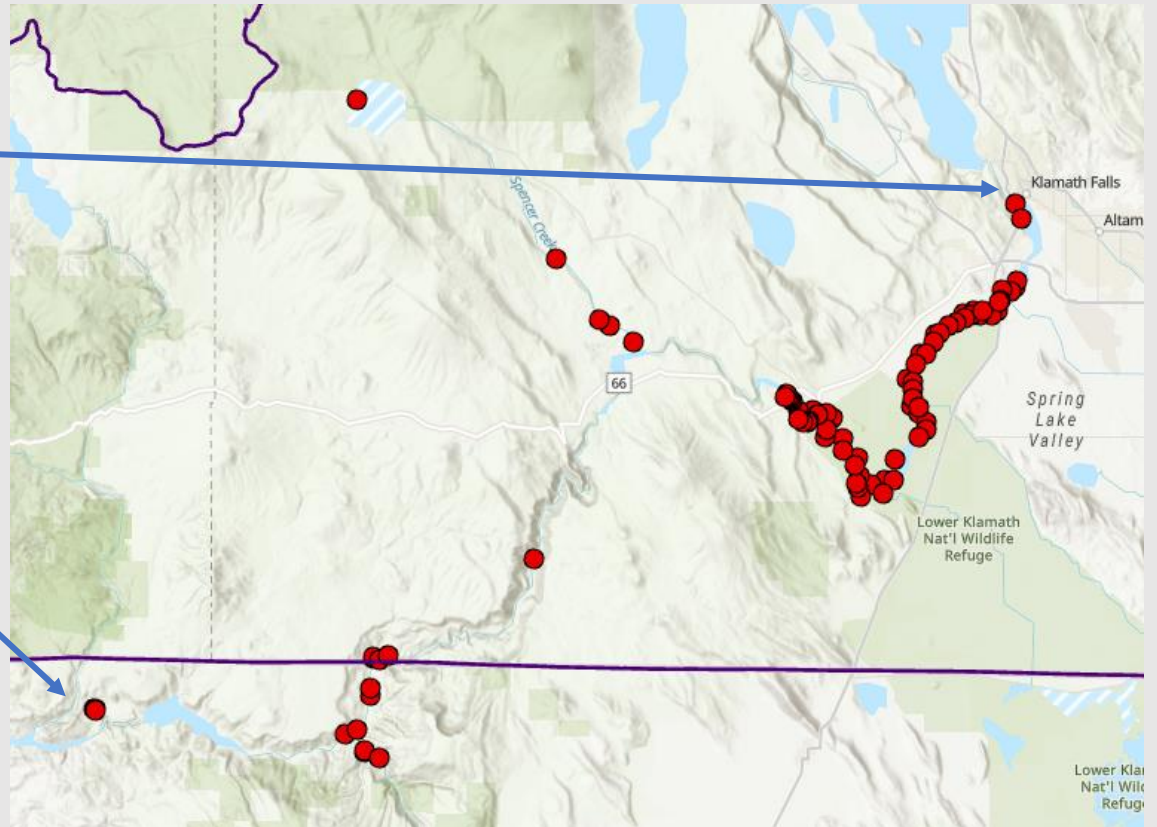
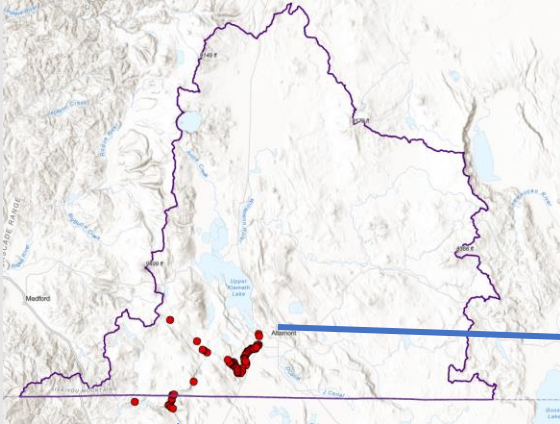
Focal Areas

- 32 Priority Diversions (●) and 68 Known Screens (●)



K3RP Plan

- 91 POD Locations



Conceptual Buckets



**Wood
River
and UKL**

Big 4
Keno Reach

**Low
Risk To
Fish**

**Below
Keno
Dam**

**Other
BOR
Owned**

Funding



- NOAA - Fish Passage Barrier Removal Grant (\$400M) NOAA Habitat Restoration Center.
- USFWS – National Fish Passage Program (\$200M)
- BOR – WaterSmart - Aquatic Ecosystem Restoration (\$250M)
- NRCS – Watershed Protection and Flood Prevention PL-566 (\$500M)
- Oregon – Cost share program and tax credits



K3RP Plan

Project# KENO-18



Figure 32. Diversion at KENO-18. October 2021.



Source: Klamath River		State: Oregon	
Approximate Total Volume: 56.64 cfs			
Screen: No			
Size score: 4	Benefit score: 4	Total score: 4	Priority Tier: High
Coordinates: 42.138595, -121.856459			
River Bank: Right			
Notes: Open canal at river			
Water Right Details:			
KA 178 6.66 CFS Dobson IR	Cert 29862 2.0 CFS Kerns IR		
KA 185 5.88 CFS Keno ID	Cert 29532 1.0 CFS Hoppe IR		
KA 185 6.81 CFS Keno ID	Cert 8264 1.19 CFS Kerns IR		
KA 1000 12.68 CFS PDIC	Cert 4870 0.47 CFS Simmers IR		
KA 1000 4.0 CFS Kerns	Cert 3772 2.5 CFS Kerns IR		
Cert 67576 4.66 CFS Emmitt IR	Cert 37583 4.47 CFS (IR)		
Cert 39228 / KA 178 3.98 CFS Murdoch (IR/DO)	Cert 67638 0.34 CFS Johnston (Supplement)		

(Note that all water rights data is approximate and potentially inaccurate. Before undertaking any project scoping or design, it will be necessary to verify water rights, volumes, and usage.)

- <https://k3rp-psmfc.hub.arcgis.com/documents/PSMFC::appendix-c-fish-screening-project-descriptions-pdf/explore>