



pacific northwest aquatic
monitoring partnership

Events

September

Sept 9-10: [Northwest Power and Conservation Council Meeting \(Eugene, OR\)](#)

Sept 10: [Knowledge Exchange Workshop Series 2025 – Opening the Gates: Solutions for Fish Passage and Flood Control \(virtual\)](#)

Sept 16-17: [WA Salmon Recovery Funding Board \(Olympia, WA\)](#)

Sept 25: [Washington Invasive Species Council Meeting \(Olympia, WA\)](#)

October

Oct 15-16: [Northwest Power and Conservation Council Meeting \(Tamarack, ID\)](#)

Oct 15: [Organization of Fish and Wildlife Information Managers Annual Conference \(virtual\)](#)

Oct 16: [PNAMP Fish Monitoring Work Group \(webinar\)](#)

Oct 22-23: [2025 Joint Session of the StreamNet Executive Committee and PNAMP Steering Committee \(Portland, OR\)](#)

Oct 27-29: [Spatial-Stream-Network \(SSN\) Models Training Workshop \(Boise, ID\)](#)

Oct 28-29: [Lake Roosevelt Forum 2025 Conference \(Spokane Valley, WA\)](#)

Announcements

Save the Date for the PNAMP Fish Monitoring Work Group Meeting:

October 16th, 2025, from 10-11:30 am (PDT)

Mark your calendar for the upcoming [PNAMP Fish Monitoring Work Group](#) meeting. Join us at **10:00 am (Pacific) on October 16th** for the next meeting of the PNAMP Fish Monitoring Work Group (FMWG). During the meeting, we will update participants on current tasks, hear a presentation about innovative fish monitoring, and provide you with opportunities to engage regional managers and experts. [Check the event page](#) for updates, presenter information, and other details.

We need your feedback! Please take a moment to fill out the [2025 Fish Monitoring Work Group Feedback Survey](#). Your input helps us identify needs within our community and adapt the work group.



[2025 PIT Tag Data and Analysis Webinar Series](#)

A friendly reminder that all of the sessions from the webinar series are available on our YouTube page. You can also find links to the resources shared during the presentations by going to the individual session pages.

[Starting Your Journey with PIT Tag Data \(Watch the Recording\)](#)

[GitHub for Data Analysis Projects \(Watch the Recording\)](#)

[Applications: Clean & Organize Your PIT Tag Data \(Watch the Recording\)](#)

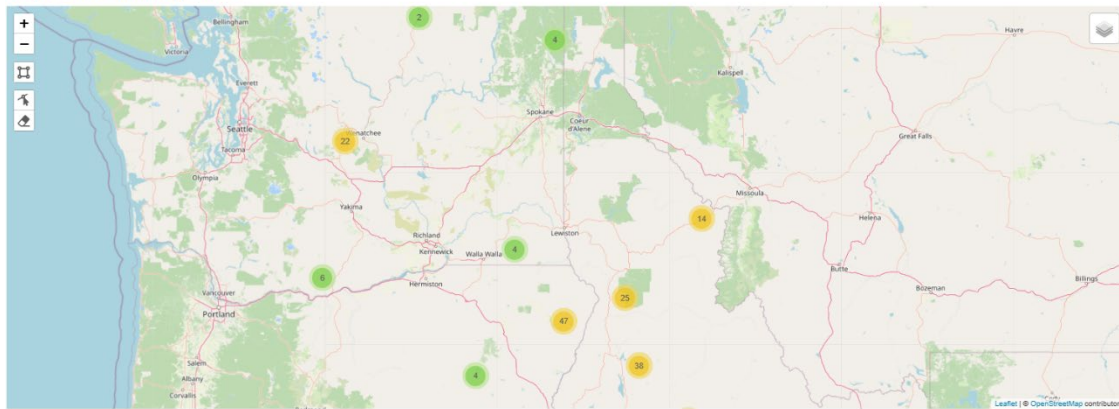
[Columbia Basin Research: Data Access in Real Time and Tools \(Watch the Recording\)](#)

[Beyond PTAGIS: More on applying R and Other Regional PIT Tag Systems \(Watch the Recording\)](#)

For more information, reach out to mdethloff@psmfc.org

Discover more of what Monitoring Resources has to offer with the improved Map Explorer

Explore Monitoring Sites



List of Data Collection Events

Viewing 191 of 8777 collection events.

Event Name	Date	State	County	Metrics and Indicators	Protocol	Sample Design	Focal Species	Study Plan
eDNA sampling 2022	2022-08-09 00:08:00	Oregon	Wallowa County	Genetic: Fish Diversity, Fitness or Variability	Environmental DNA Sampling	eDNA sampling to determine fitness	Chinook salmon - Oncorhynchus tshawytscha	Protocol development
Tier 2 sampling 2021	2021-08-11 00:08:00	Idaho	Custer County	Effective Population Size (ID: 65), Genetic: Monitor and evaluate the genetic diversity of	Salmon and steelhead tissue sampling	Salmon and steelhead tissue sampling	Chinook salmon - Oncorhynchus tshawytscha	Conventional population monitoring
Tier 2 sampling 2019	2019-08-13 00:08:00	Idaho	Valley County	Effective Population Size (ID: 65), Genetic: Monitor and evaluate the genetic diversity of	Salmon and steelhead tissue sampling	Salmon and steelhead tissue sampling	Chinook salmon - Oncorhynchus tshawytscha	Conventional population monitoring
Tier 3 sampling 2021	2021-08-05 00:08:00	Oregon	Wallowa County	Effective Population Size (ID: 65), Genetic: Genetic Monitoring of relative fitness	Chinook Salmon and steelhead	Chinook Salmon and steelhead	Chinook salmon - Oncorhynchus tshawytscha	Relative reproductive success
eDNA sampling 2022	2022-06-02 00:08:00	Idaho	Valley County	Genetic: Fish Diversity, Fitness or Variability	Environmental DNA Sampling	eDNA sampling to determine fitness	Chinook salmon - Oncorhynchus tshawytscha	Protocol development

For more than a decade, Monitoring Resources has grown and adapted to meet the metadata documentation needs of monitoring practitioners and project sponsors. Metadata documentation in Monitoring Resources promotes FAIR (Findable, Accessible, Interoperable, Reusable) data principles, which can be utilized to promote collaboration and fulfill contracting needs and secure funding. However, discovering monitoring events and activities on MonitoringResources.org has not always been a simple task... until now.

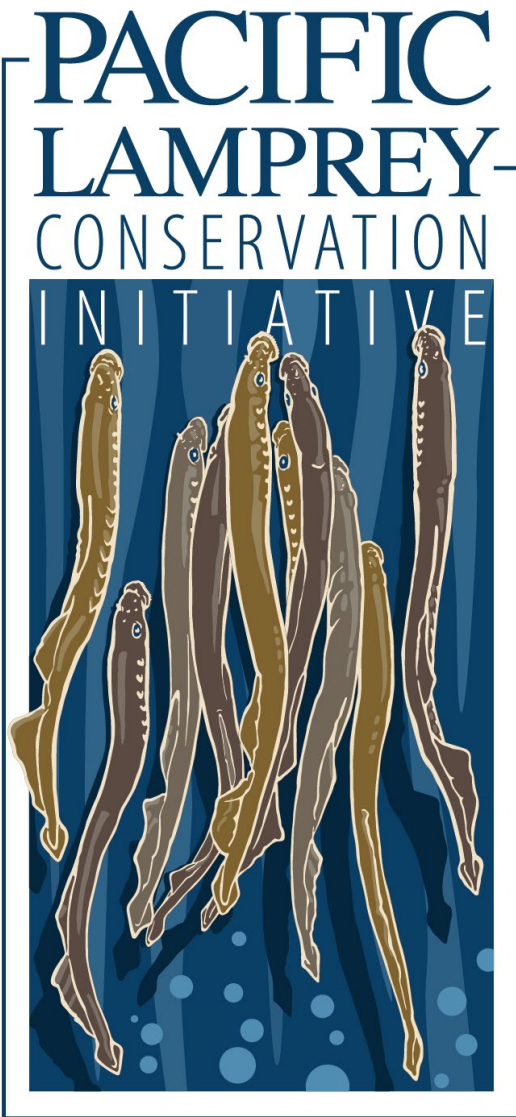
Recently, PNAMP made significant upgrades to the [Explorer Map](#) in MonitoringResources.org. Map navigation was simplified allowing users to click on event clusters, zoom in and out, and focus on areas via bounding boxes. The filter functionality of the map was also redesigned. Beneath the Explorer Map is an interactive table of the data collection events displayed in the map. The table columns are all filterable and refining the events in the table automatically refines the events on the map. Users can now filter the map by monitoring program, data repositories, focal species, and metrics and

indicators to name a few. Additionally, users can filter the map and table using the global text-based filter which searches through every column in the Data Collection Events table for the keywords or values entered (see the image above for an example).

Improvements to the Explorer Map makes discovering and accessing metadata easier, promotes collaboration, and reduces the duplication of effort. If you're interested in populating your data collection events on the Monitoring Resources Explorer Map, please reach out to MonitoringResources@psmfc.org.

Highlights

Are you ready for the 9th Annual Lamprey Information Exchange!?!



Join the [Pacific Lamprey Conservation Initiative](#) (PLCI) on December 9-11, 2025, in the Portland, Oregon area to explore the science and restoration of Pacific Lamprey.

Recognizing the need to increase awareness on issues surrounding Pacific Lamprey, the Pacific Lamprey Conservation Initiative's (PLCI) Lamprey Technical Workgroup initiated an annual in-person Lamprey Information Exchange. Typically held in the second week of December, the lamprey information exchanges have become popular annual events, increasing in size, scope and participation each year as interest and enthusiasm around lamprey have grown.

[The Exchange](#) will be held both in person and virtually. Stay tuned for additional updates on the location.

Registration will open in Fall 2025.

[Additional PLCI Resources:](#)

[Taking Care of Pacific Lamprey Video](#)

[Lampreys: Friends or Foes? Fact Sheet](#)

Protect Your Precious Places



STOP AQUATIC HITCHHIKERS!™

Be A Good Steward. Clean. Drain. Dry.

StopAquaticHitchhikers.org

We all know the “Clean Drain Dry” mantra, but did you know that invasives can also hitch a ride into your favorite ecosystems in other ways? Most are a result of human activity, including recreational activities. Some common ways that species may relocate during recreational boating and other activities:

- Attaching/clinging to watercraft, trailers, motor and fishing gear
- Transport in ballast water, bilge, and other water containing devices
- Dumping of unwanted live bait
- Tangled in fishing lines and downrigger cables
- Sticking to the soles of waders
- Clinging to the rudder of seaplanes
- Trapped in mud on a dog’s paws

Each.of.us.can.do.our.part; Inform friends and family about the threat of aquatic invasive species and how to use the “Clean. Drain. Dry.” procedure to prevent their spread. Share [this website](#) and the *Stop Aquatic Hitchhikers! Campaign* materials with others.

Report.new.sightings; If you think you have found an invasive species, note its exact location and, if possible, take a photo. Report new sightings to the appropriate authorities or use the [USGS Sighting Report Form](#).

Know.the.rules* Specimens are needed to confirm sightings, but some jurisdictions prohibit possession and transport of invasive aquatic plants and animals. Before collecting specimens, contact your local natural resource management agency for instructions. Unauthorized introduction of plants, fish, or invertebrates into the wild is illegal in most states. Protect your property and our waters.

[General reporting tips](#)

- Take a photo: Capture a clear picture of the species.
- Note the location: Mark the exact location of the sighting, such as GPS coordinates or a descriptive address.
- Collect details: Include the date of the sighting and any other relevant information.
- Do not move it: Do not collect or transport the specimen, as this could spread it further.

Oregon

Online: Use the [Oregon Invasives Hotline website](#) to report your sighting with photos and location information.

Phone: Call 1-866-INVADER (1-866-468-2337) to report a potential invasive species.

Washington

Online/App: Report sightings using the [Washington Invasive Species Council's web form](#) or the "WA Invasives" mobile app.

Central reporting: The Washington Invasive Species Council is the primary hub for reports and will direct the information to the appropriate agency.

Idaho

Online: Visit the [Invasive Species of Idaho website](#) for reporting information.

Phone: Call the hotline at 1-877-336-8676.

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Speaking of invasives, the **Washington Invasive Species Council is hiring an Executive Coordinator**. This is a senior-level professional position reporting to the policy and legislative director and coordinating with the chair and executive committee of the council. In this position you will coordinate, support, and help implement the work of the Washington Invasive Species Council by fostering cooperation, communication, and coordinated approaches to support local, state, and regional initiatives for the prevention and control of non-native invasive species. This includes implementation of a statewide strategic plan developed in 2025.

Does this sound like a fantastic opportunity? Head to the job listing for more information or to apply: [State of Washington Job Opportunities | Work that Matters](#)

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## Mussels, lamprey and even turtles moved to make way for Lewis River restoration



Washington Department of Fish and Wildlife biologist Julie Grobelny, from left, U.S. Fish and Wildlife biologist Joe Skalicky and Lower Columbia Estuary Partnership (LCEP) ecologist Doug Kreuzer work to find and remove lamprey larvae from a section of East Fork Lewis River. LCEP crews are working to restore a section of the river habitat. (credit: Taylor Balkom/The Columbian)

[Read the Full Article Here](#)

The Lower Columbia Estuary Partnership's major habitat restoration project on the East Fork Lewis River near Battle Ground, Washington, is ahead of schedule thanks to an unusually dry May and June. The project, covering a 3-mile stretch of river affected by past gravel

mining, involves removing levees, regrading 300 acres of floodplain, creating new channels, and eventually diverting a section of the river for in-river work.

Before this dewatering begins, crews are relocating aquatic life—such as mussels, lamprey, and fish—to nearby areas to protect them. So far, they’ve moved about 22,000 juvenile lamprey, 25,500 mussels, 45 painted turtles, and some crayfish. Specialized methods, including low-level electroshocking, are used to find species like lamprey larvae that hide in the mud.

The restoration also involves filling in nine abandoned gravel pits and reestablishing the river’s historical multi-channel path, similar to its layout in the 1800s. Recycled materials from the site help lower costs and environmental impact. The dry weather has allowed heavy equipment work to progress smoothly, keeping the project on track.

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 [PNAMP.org](https://PNAMP.org)

 [pnamp@psmfc.org](mailto:pnamp@psmfc.org)

 [PNAMP YouTube channel](#)



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