

Lake Chelan Collaborative Aquatic Invasive Species (AIS) Subcommittee: Meeting #3

JUNE 3, 2026, 10:00 AM - 11:50 PM
CHELAN FIRE STATION, 232 E WAPATO AVENUE

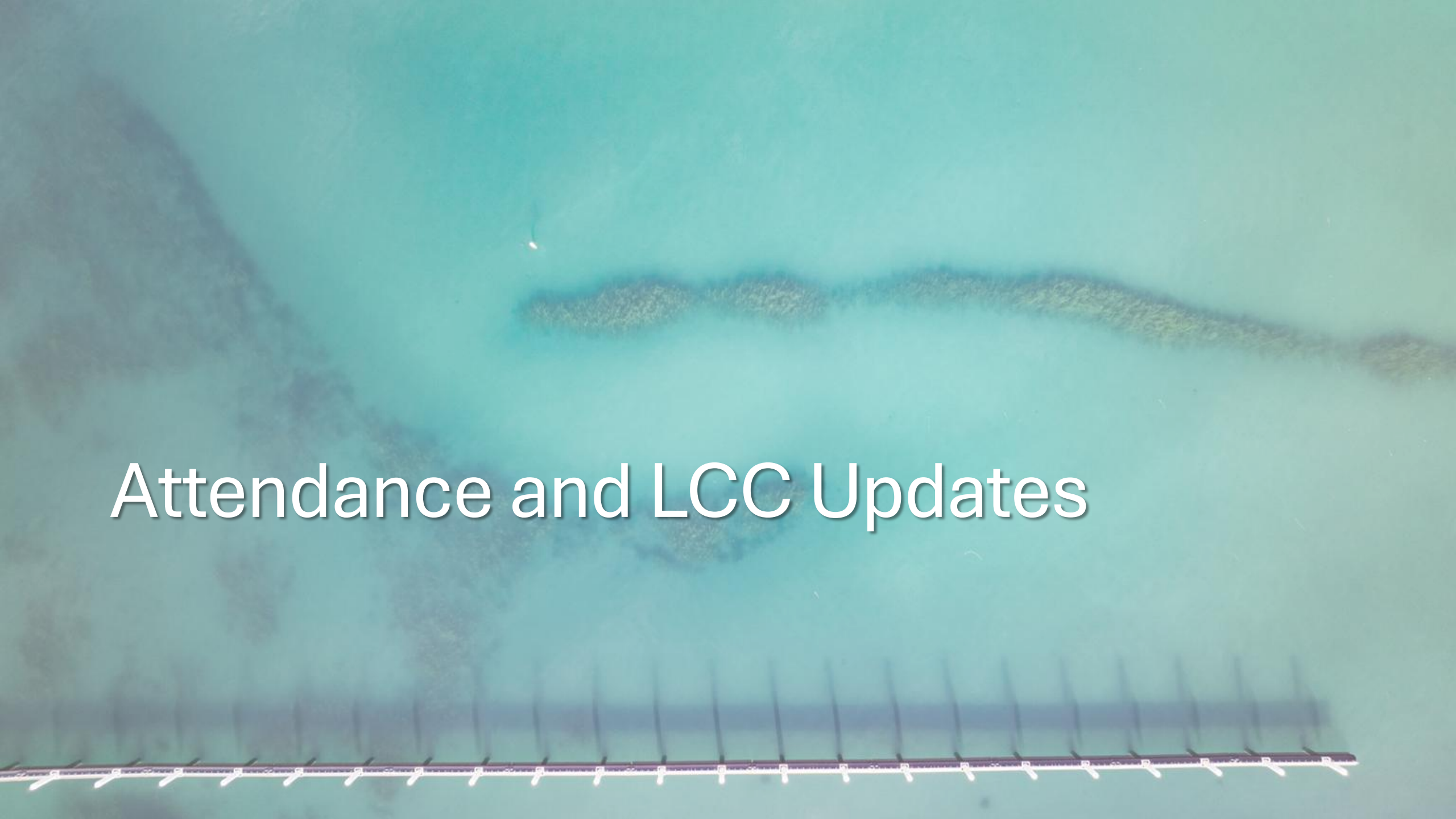
Nate Hough-Snee, Meadow Run Environmental
Stephen Lesky, Chelan County Natural Resources

An aerial photograph of a tropical atoll. The water is a vibrant turquoise color, and a small white boat is visible in the upper left. A long, narrow strip of land with dense green vegetation runs horizontally across the middle of the frame. The bottom of the image shows a dark, possibly submerged, structure or reef edge.

Welcome and Agenda Overview

Agenda

- **10:00-10:20 AM: Welcome and Agenda Overview**
- **10:20-11:20 AM: Draft AIS Mandatory Inspection Program Presentation**
- **11:20-11:35 AM: AIS Subcommittee Draft Document Review Process**
- **11:35-11:50AM: Next Steps and Closing Remarks**

An aerial photograph of a tropical atoll. The water is a vibrant turquoise color, and a small white boat is visible in the upper left. A long, narrow strip of land with dense green vegetation runs horizontally across the middle of the frame. The bottom of the image shows a dark, possibly submerged, structure with many vertical poles or pilings.

Attendance and LCC Updates

Project Plan Overview

AIS Subcommittee – Project Plan

- Four scheduled subcommittee meetings
- December 2025, March 2026, June 2026, September 2026 (December 2026)



We're here

- Lake Chelan Restoration Plan (2026-2027)
- Lake Chelan AIS Management Plan (July-September 2026)
- AIS Draft Mandatory Watercraft Inspection Program: Alternatives Analysis and Feasibility (June 2026)

AIS Subcommittee – Deliverables

- Deliverables: scaled view

- **Lake Chelan Restoration Plan (2026-2027)**



- **Lake Chelan AIS Management Plan (July-September 2026)**



- **AIS Draft Mandatory Watercraft Inspection Program (June 2026)**

AIS Subcommittee – Deliverables

- Deliverables with sub-deliverables
- Lake Chelan Restoration Plan (2026-2027)
- Lake Chelan AIS Management Plan (July 2026) ➡ Appendix to the Lake Chelan Restoration Plan
- AIS Draft Mandatory Watercraft Inspection Program (June 2026) ➡ Appendix to the Lake Chelan AIS Management Plan

Deliverables: Building Lake Chelan Specific Knowledge and Capacity

LAKE CHELAN WATERSHED PLAN (WRIA 47)

FINAL
JUNE 2012

2012 Lake Chelan
Watershed Plan

SURVEY OF SUBMERGED NOXIOUS WEED SPECIES IN LAKE CHELAN WASHINGTON



1/26/2015 Produced by AquaTechnex

2014 Submerged
Macrophyte
Study

LAKE CHELAN VULNERABILITY AND HABITAT SUITABILITY ANALYSIS FOR AQUATIC INVASIVE SPECIES

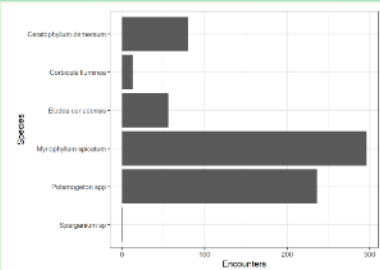
Prepared for:
Chelan County Natural Resources Department

January 2020

Prepared by:
Environmental Science Associates
Dend, OR



2020 Vulnerability and
Habitat Suitability
Analysis



2021 LCRI/FP
AIS Survey



2023 USGS
Bathymetry



2024
USBR
QZM



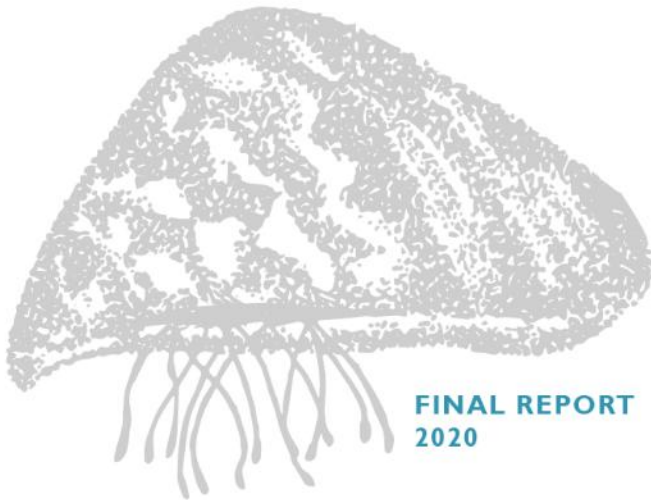
2023-2026
CCNRD
Watercraft
Inspection
Program

TIME

Statewide Prevention Documents and Management Plans

Safeguarding the West from Invasive Species

*Actions to Strengthen Federal, State, and Tribal
Coordination to Address Invasive Mussels*



Lake Roosevelt Northern Pike Suppression and Monitoring Plan 2018-2022



COLUMBIA BASIN COOPERATIVE WEED MANAGEMENT AREA

COLUMBIA BASIN FLOWERING RUSH MANAGEMENT PLAN



A regional strategy to address *Butomus umbellatus*
throughout the Columbia Basin

ALS Management Plan vs Inspection Program

- **Communicate existing ALS issues**
 - Priority species
- **Communicate distributions of existing ALS**
- **Managing existing invasions, describe effects**
- **Inspection: prevention tool within**



BUREAU OF
RECLAMATION

Safeguarding the West from Invasive Species

*Actions to Strengthen Federal, State, and Tribal
Coordination to Address Invasive Mussels*



FINAL REPORT
2020

Final Report No. ST-2024-22063-01

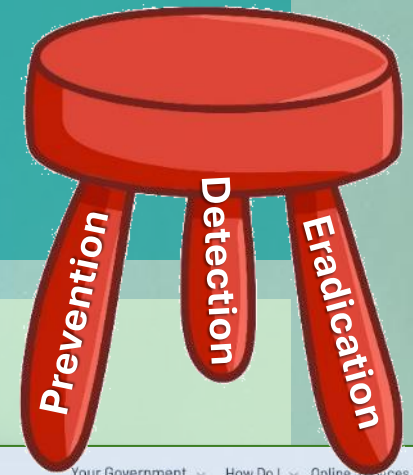
Collection and Analysis of Invasive Mussel Samples to Prevent the Spread and Impacts at Reclamation Reservoirs and Facilities

Research and Development Office
Science and Technology

Key Goals: AIS Management Plan

- **Identifying priority AIS**
 - Ratifying/confirming
 - New invasions versus existing invasions
- **Preventing new AIS Introductions**
 - Build on Voluntary Inspection Program
 - Feasibility/scoping for Mandatory Inspection Program
- **Detecting new AIS and EDRR**
 - Ongoing monitoring
 - Citizen science
- **Managing existing AIS invasions**
 - Invasive aquatic vegetation
 - Asian clams

Key Goals: AIS Inspection Program



Prevent new AIS Introductions to Lake Chelan



Inspection Programs = AIS Prevention

- **Core AIS Inspection Program Philosophy:**
“The best defense is a good offense”



An aerial photograph of a tropical coastline. The water is a vibrant turquoise color. A small white boat is visible in the upper left. A long, narrow strip of land with dense green vegetation runs horizontally across the middle. Below this, a sandy beach is visible, lined with a row of palm trees. The text "AIS Subcommittee Meeting #2 Recap" is overlaid in white with a drop shadow.

AIS Subcommittee Meeting #2 Recap

Aquatic Invasive Species Subcommittee – Meeting #2 Recap

- **March 11, 2026**
- **Solicited Subcommittee Feedback:**
- **AIS Management Plan Outline**
- **AIS Inspection Program Outline**

Aquatic Invasive Species Subcommittee – Meeting #2 Recap

- Technical session to inform AIS Subcommittee activities
- Invited speakers:
- Idaho Power
- Seattle City Light
- City of Bellingham / Lake Whatcom Watercraft Inspection Program
- Chelan County Noxious Weed Control Board



Aquatic Invasive Species: Program Overview

Chelan AIS Subcommittee

March 11, 2026



An aerial photograph of a tropical coastline. The water is a vibrant turquoise color, and a long, narrow, low-lying island stretches horizontally across the middle of the frame. The island is covered in dense green vegetation. In the foreground, the dark, silty water of a lagoon or bay is visible, with a series of white, V-shaped markers or buoys arranged in a line along the bottom edge. The overall scene is serene and scenic.

Deliverables and Outreach Updates

AIS Watercraft Inspection Program

- **AIS Draft Mandatory Watercraft Inspection Program (Draft Review: June 2026)**
- **AIS Subcommittee Review – June 4 - June 19, 2026**
- **To be formally adopted Summer 2026 (Approval: September 2026 Meeting)**
- **Finalized: as Appendix to AIS Management Plan**

AIS Watercraft Inspection Program Outreach

- **April 23, 2026, Public Outreach Meeting #1 (of 2)**
- **Highlighted threats of AIS to Lake Chelan**
- **Voluntary watercraft inspection program**
- **Rationale for a permanent, mandatory watercraft inspection program**
- **Explored program options, logistics, funding being considered**
- **Next Outreach Meeting: After September AIS Subcommittee Meeting**

Lake Chelan AIS Management Plan

- **Internal, Consultant Team Draft: late June, early July 2026**
- **AIS Subcommittee Review Draft: July/August 2026**
- **Discussion: September 2026 AIS Subcommittee Meeting**
- **Adoption: December 2026 AIS Subcommittee Meeting**
- **Finalized: as Appendix to Lake Chelan Restoration Plan**

Agenda

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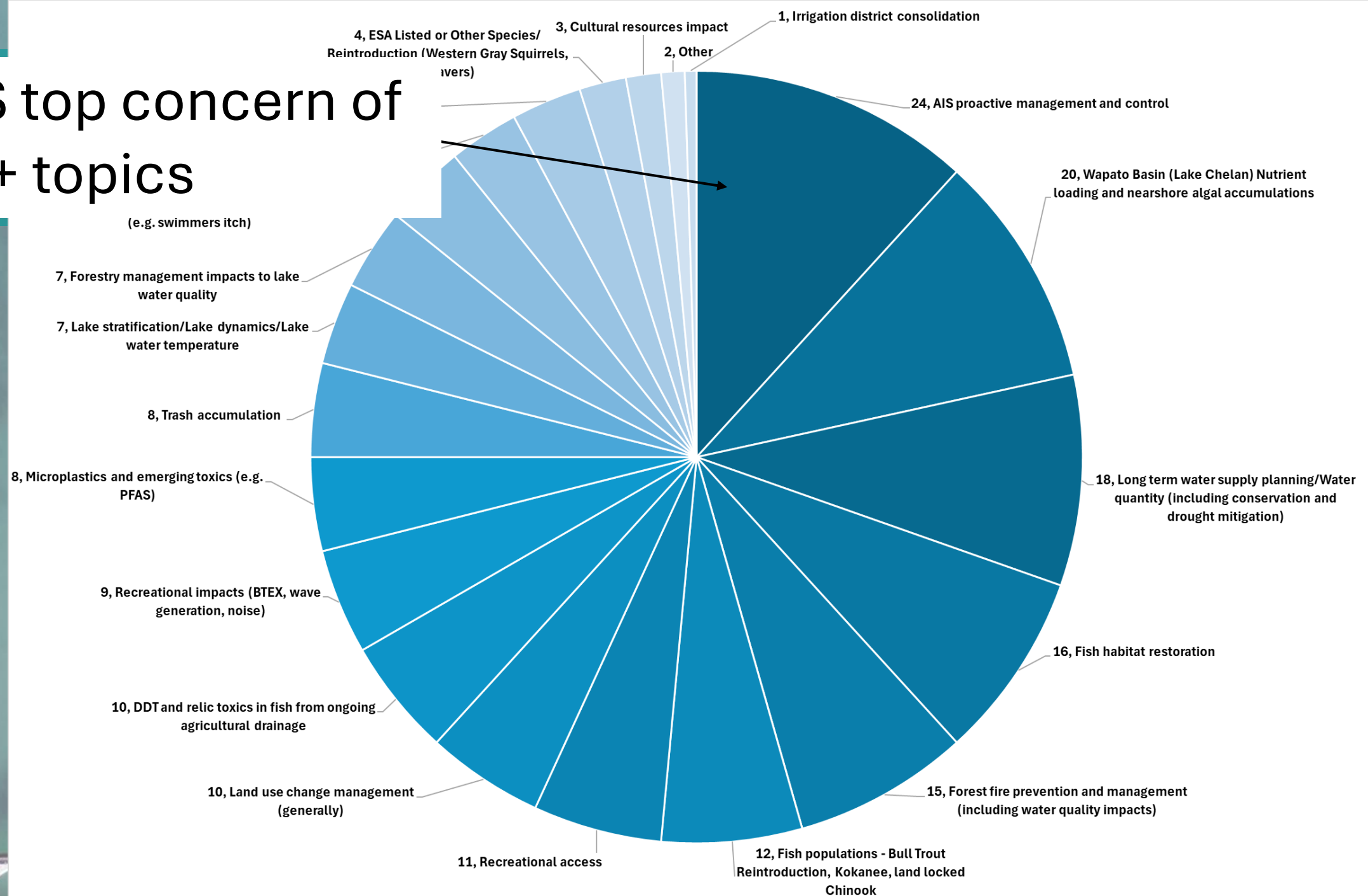
An aerial photograph of Lake Chelan, showing a small boat in the upper left and a long pier with many pilings extending across the bottom of the frame. The water is a deep teal color, and there are some rocky islands visible in the middle ground.

Lake Chelan Watercraft Inspection Program Plan

Context: why focus on AIS inspection?

- **AIS were identified as a major proposed focus of the 2012 Lake Chelan Watershed Plan**
 - Large potential for disruption/impacting many uses of the lake and long-term repercussions to aquatic food web, recreational uses, residential uses, water quality, impacts on native species.
 - As of 2022: No Voluntary Lake Chelan Watercraft Inspection Program
 - As of 2025: No Lake Chelan specific AIS management plan
- **18 out of 22 Lake Chelan Collaborative (LCC) member survey responses selected AIS as a “Top 6” issue in Lake Chelan.**
- **December 2025 LCC Meeting: AIS prevention, management, identified as top priority for Lake Chelan**

AIS top concern of 24+ topics



Context: Why focus on AIS inspection?

Oregon and Washington Invasive Mussel Near-Term Action Working Group Findings and Near-Term Action Recommendations



Oregon Department
of Fish and Wildlife



January 14, 2025

Near-term action recommendations

The Oregon and Washington Quagga and Zebra Mussel Near-Term Action Working Group convened in October and November 2024, to establish a baseline understanding of the imminent threat posed by invasive mussels and activities taken to date for prevention and readiness. The working group was surveyed to determine priority near-term action themes, followed by a working group meeting to discuss and prioritize specific actions.

Goal 1. Enhance prevention efforts

Prevention is the best approach to managing invasive species, requiring the least funding, and preventing long-term economic, human health, and environmental impacts. The working group recommends that historical prevention efforts be increased, and that new and strategic preventative measures be taken to address the imminent threat facing Oregon and Washington.

Early detection monitoring

Early detection monitoring is critical to enhance prevention efforts. Immediately detecting downstream movement of quagga mussels in the Snake River, or other invasive mussels introduced to waterbodies in Oregon and Washington through human-mediated activities, is key to preventing widespread infestation and impacts. These human-mediated activities may include shipping; movement of aquatic conveyances such as aquatic construction equipment or recreational boats; illegally introduced species in the pet and nursery trade; or species intentionally introduced to harm national security.

Early detection monitoring recommendations

Recommendation 1. The states of Oregon and Washington should expand early detection monitoring efforts to identify new infestations of invasive mussels as early as possible for the purpose of initiating response actions.

Recommendation 2. To focus early detection and monitoring efforts, the states of Oregon and Washington should update and expand waterbody risk assessments. Risk assessments identify likely waterbodies of first introduction and probable downstream or human-mediated spread.

Recommendation 3. Recognizing that tribal nations and raw water industries are anticipated to be heavily impacted, the states of Oregon and Washington should develop new partnerships and invest in capacity building to assist with early detection monitoring.

Watercraft inspection and decontamination

Inspection of aquatic conveyances such as recreational watercraft, aquatic construction equipment, and fish tankers are important regulatory control points for intercepting invasive species-fouled watercraft broadly, including invasive mussels. Both Oregon and Washington have administered mandatory

Which AIS are we most worried about?

Safeguarding the West from Invasive Species

*Actions to Strengthen Federal, State, and Tribal
Coordination to Address Invasive Mussels*



**FINAL REPORT
2020**



Lake Roosevelt Northern Pike Suppression and Monitoring Plan 2018-2022



COLUMBIA BASIN COOPERATIVE WEED MANAGEMENT AREA

COLUMBIA BASIN FLOWERING RUSH MANAGEMENT PLAN



A regional strategy to address *Butomus umbellatus*
throughout the Columbia Basin

Management Priorities



Northern
Pike



Feral Swine



Zebra/
Quagga Mussels



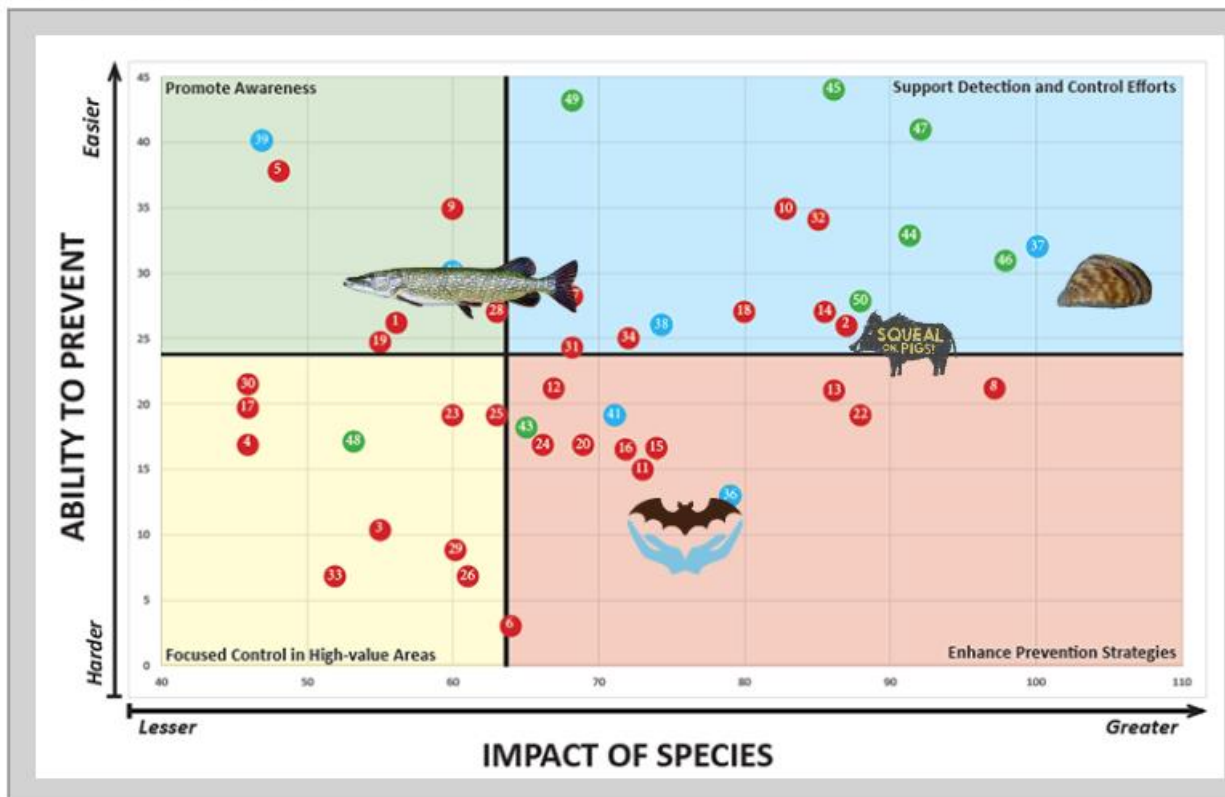
White-nose Syndrome

Invasive Species Impact and Prevention/Early Action Assessment Tool

Species/Quail Name: _____

Through the Gate?	Here	Near	Far
Summary of Scores			
	Potential	Max.	Score
Ecological Impacts	40		
Economic Impacts	40		
Human Health Impacts	30		
Invasive Potential	20		
Difficulty of Control	10		
TOTAL IMPACT			
Feasibility of Prevention/Early Action			
Number of "Underscore" Scores Recorded			
Level of Certainty in Assessment			High Medium Low

Invasive species - plants, animals, insects, and pathogens - are a threat to Washington's environment and economy, causing a high price for their prevention. These biological invaders can produce serious, often irreversible effects on



WASHINGTON STATE
RECREATION AND CONSERVATION OFFICE
Washington Invasive
Species Council

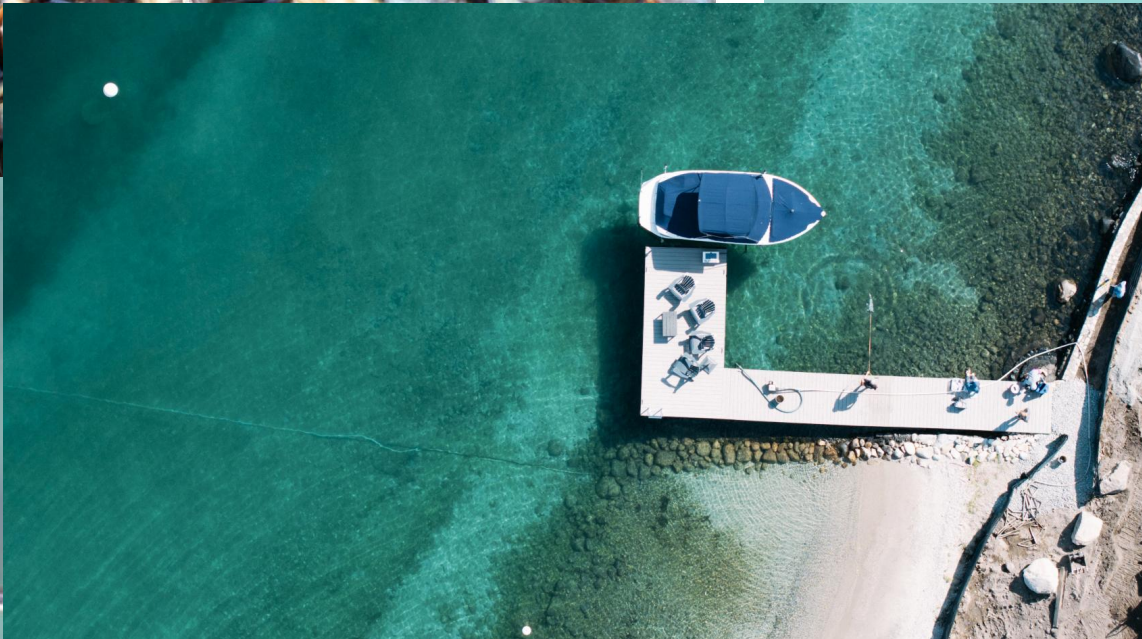


ENVIRONMENT GOVERNMENT + POLITICS

Idaho officials are finding fewer invasive quagga mussels – and dead fish – in Snake River

Officials hope to eradicate nonnative mussels, which can clog pipes used for drinking water and irrigation, with Natrix treatments near Twin Falls

BY: CLARK CORBIN - OCTOBER 17, 2024 4:30 AM



Oregon finds invasive quagga mussel on boat at Ashland inspection station

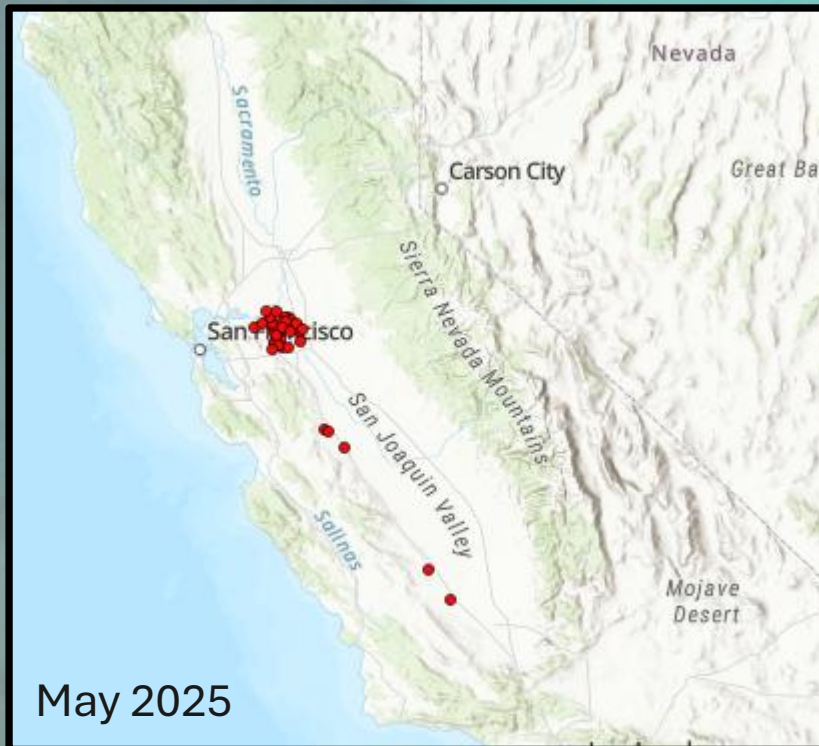


By Mia Maldonado (Oregon Capital Chronicle)

March 24, 2026 12:27 p.m.

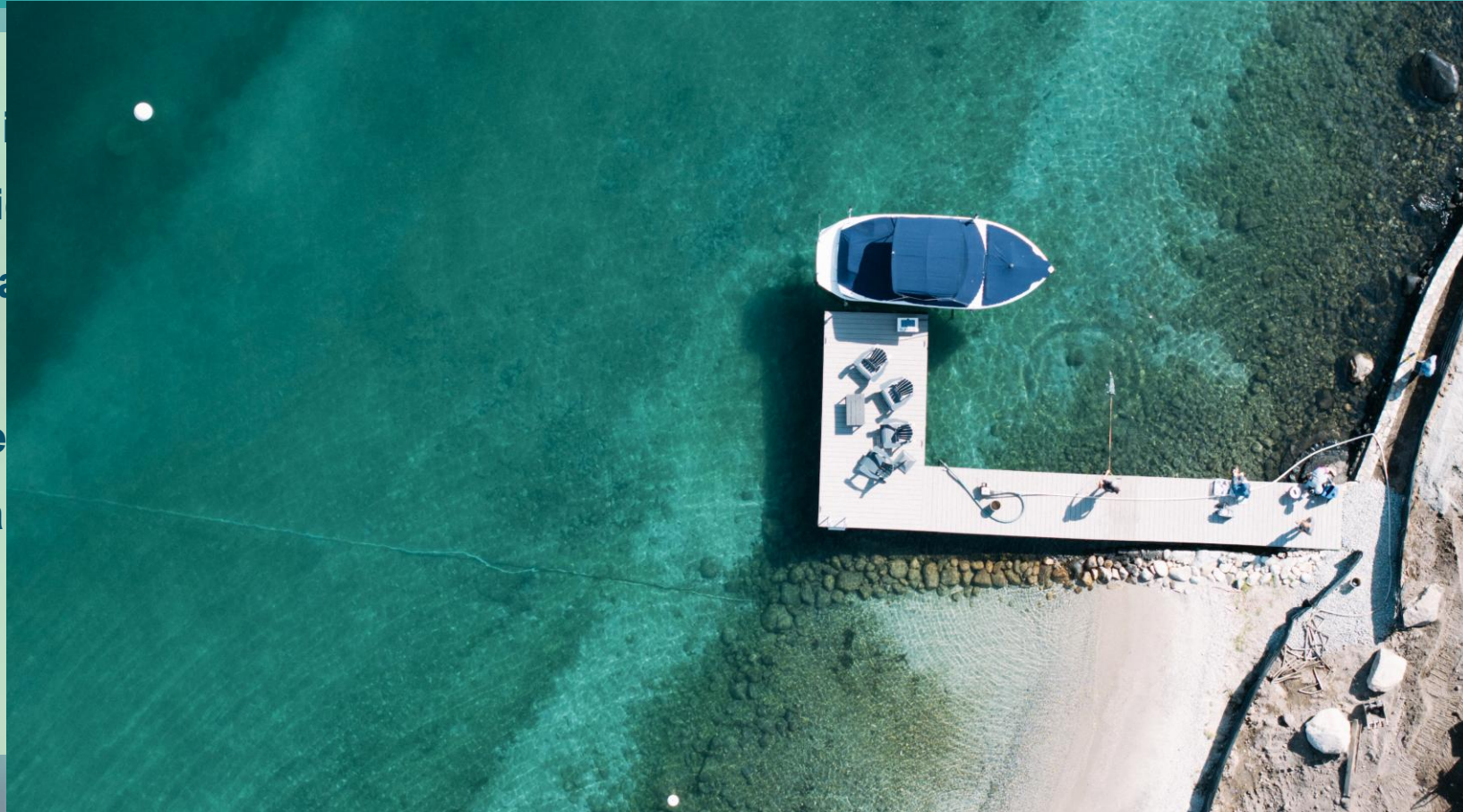


Golden Mussel Expansion



AIS affect multiple stakeholders

- Irrigation districts
- Local public
- Regional districts
- Lake users
- Homeowners
- Lake Chelan



Chelan
Institute



DEPARTMENT OF —
INFORMATION



Stakeholders support prevention

“Preventing the spread of invasive mussels into Lake Chelan is the most effective strategy in protecting our amazing lake. Our District can be greatly impacted by mussels as they clog screens, pipes, filters, and our water intakes. These blockages can reduce efficiency and require very costly maintenance. We all need to be vigilant in our prevention efforts as that is the only truly effective ‘treatment’.”

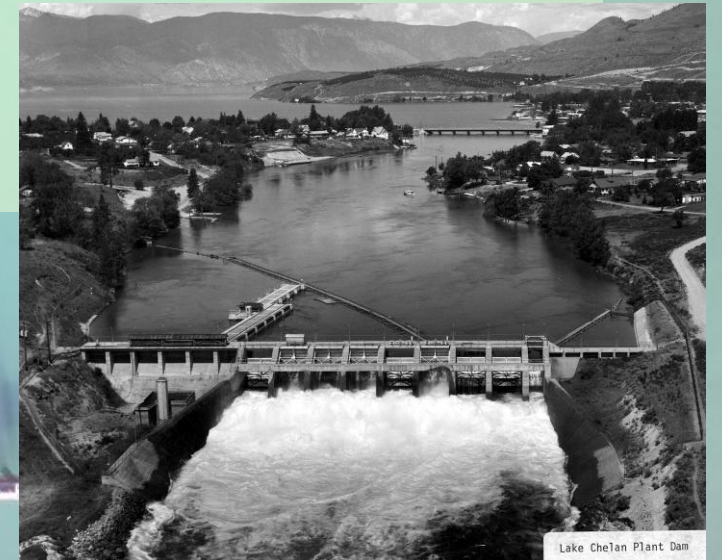
Rod Anderson, Manager, Lake Chelan Reclamation District



Stakeholders support prevention

“Preventing invasive mussel establishment in Lake Chelan is important to Chelan PUD because infestations can clog intake structures, foul cooling systems, and restrict water conveyance—directly threatening reliable power generation to our customer-owners. If established, these invasive species could drive substantial costs for removal, treatment and decontamination of our dams, drinking water and sewer infrastructure, fish hatcheries and impact our recreational sites.”

Sara Peck, Water Resources Manager, Chelan PUD



Lake Chelan Plant Dam

Stakeholders support prevention

“Preventing the introduction of zebra and quagga mussels is essential to Douglas County PUD. Once established these invasive species are extremely difficult and costly to control, with the potential to impair hydropower operations and permanently alter aquatic ecosystems. As a result, Douglas PUD prioritizes prevention through its Aquatic Nuisance Species Management Plan. Proactive measures such as routine monitoring, strict equipment inspection and decontamination, public outreach, and coordination with regional partners helps stop infestation before it occurs.”

Chas Kyger, Aquatic Resource Biologist, Douglas PUD

Stakeholders support prevention

“The City of Chelan's domestic water intake near the dam serves our entire community and is directly vulnerable to invasive mussel colonization. Mussels clog screens, pipes, and intake structures in ways that are costly to remediate and difficult to reverse. We already encounter Asian clams in the reservoir we pump to, over a mile from the lake, creating ongoing maintenance demands. Watercraft inspections represent a practical and cost-effective preventative measure that could help protect this critical public works infrastructure for years to come.”

Jake Youngren, Public Works Director, City of Chelan

Impetus for a Mandatory AIS Inspection Program

- **Existing WDFW mandatory watercraft inspection program**
 - Highway-based
- **Existing CCNRD voluntary watercraft inspection program**
 - Wildly successful
 - Effective methods – partial coverage
 - Reliable presence at popular locations
 - Program season captures most boat traffic
 - Successful community outreach on AIS
 - Successful partnership between CCNRD, LCRI, boat launch facilities
 - Lessons learned and institutional knowledge

Impetus for a Mandatory AIS Inspection Program

<https://spot-ais.org/>

2023-2025 data

Red lines: Boats that travelled to Golden mussel or QZM-invaded lakes

Blue lines: boats from clean lakes



Impetus for a Mandatory AIS Inspection Program

- **Existing CCNR voluntary watercraft inspection program funding**
 - Funded through WDFW grant
 - Agreement expires after this field season (2023-2026)
 - Long-term funding uncertain
 - Identify potential federal, state, and local funding sources



Impetus for a Mandatory AIS Inspection Program

- **Sustainability**

- Needs to be set up for long-term success
- Continued local buy-in and support
- A new funding model
- Additional watershed partners from local and regional stakeholders
- For 100% effectiveness, needs to inspect every boat prior to launch



An aerial photograph of a body of water, likely a lake or a wide river. The water is a deep teal color. In the center, there is a small, dark, forested island or peninsula. A small white boat is visible on the water to the left of the island. The shoreline on the right is also forested. The overall scene is calm and scenic.

Proposed AIS Watercraft Inspection Program

Transitioning from a voluntary program to a mandatory program

APPENDIX 1

Lake Chelan Aquatic Invasive Species (AIS) Watercraft Inspection Program Plan: 2026 Scoping and Alternatives

Preventing Aquatic Invasive Species arrivals in the Lake Chelan Watershed



Unformatted Review Draft

June 3, 2026

Lake Chelan Collaborative

AIS Subcommittee comments due by email to Nate Hough-Snee and Kelsey Mach by:

nate@meadowrunenv.com kelsey.mach@aspectconsulting.com

Draft AIS Mandatory Watercraft Inspection Program Overview

- **Assumptions (Discussed above)**
- **Goals and Objectives**
- **Proposed Program Alternatives**
- **Location and Hours**
- **Budgets**
- **Interagency Partnerships**
- **Potential Funding Sources**

ALS Inspection Program Assumptions

- **Assumption 1.** New aquatic invasive species (AIS) are bad for Lake Chelan's ecology, recreation, and the regional economy.
- **Assumption 2.** A watercraft inspection program is the most effective way to prevent new AIS introductions to Lake Chelan.
- **Assumption 3.** Watercraft and other "aquatic conveyances" are the most likely vectors for new AIS introductions to Lake Chelan.

AIS Inspection Program Assumptions

- **Assumption 4.** There is a need for additional watercraft inspection station coverage both around Lake Chelan and in central Washington.
- **Assumption 5.** A permanent Lake Chelan watercraft inspection program is a statewide resource that benefits Lake Chelan and all regional stakeholders who could be impacted by AIS.
- **Assumption 6.** Chelan County should expand on existing AIS inspection programs, frameworks, and methods instead of inventing a new program.

ALS Inspection Program Assumptions

- **Questions?**
- **Are these the right assumptions?**

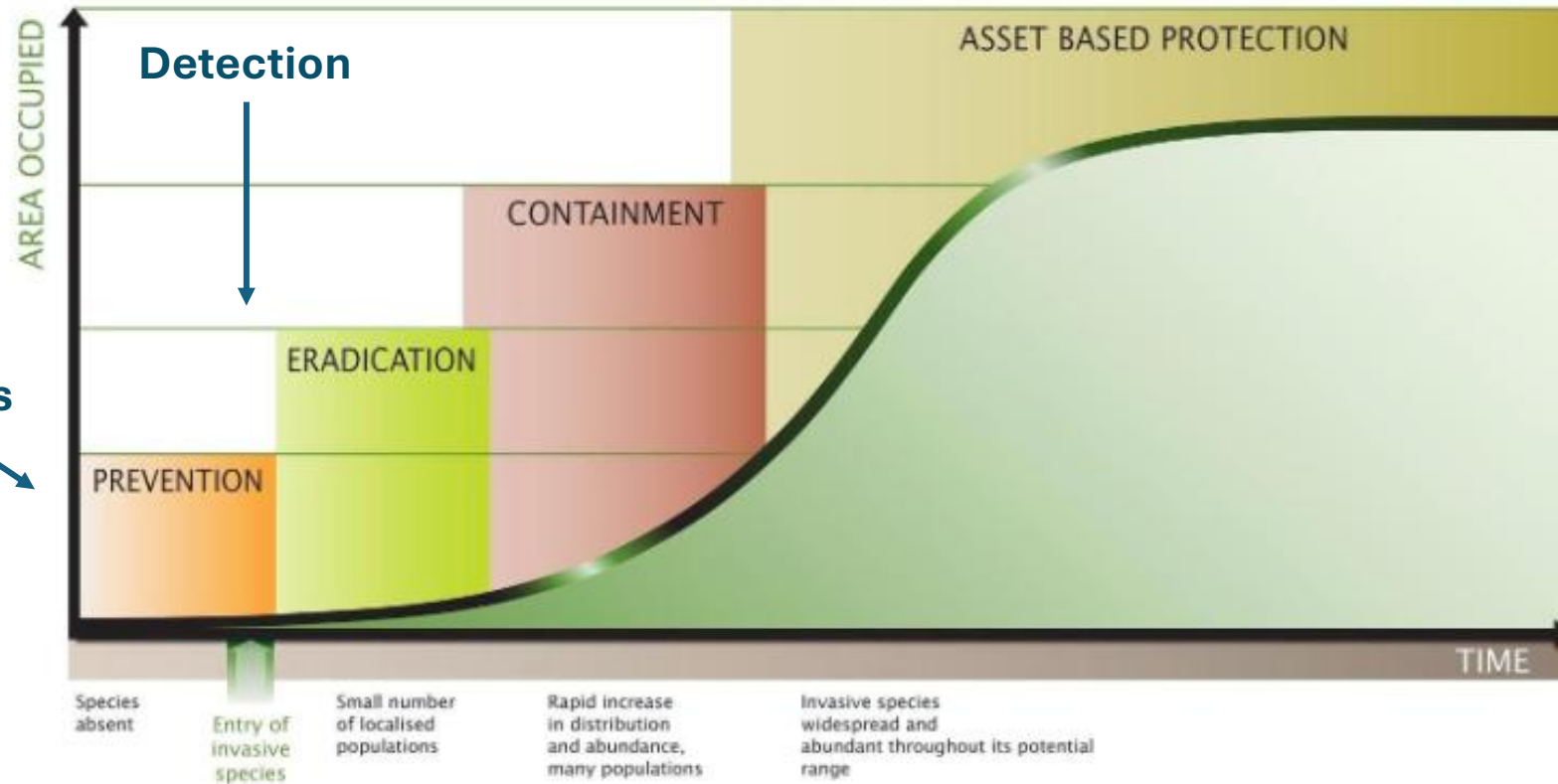
ALS Inspection Program Goals

- **Goal 1.** Minimize the probability of AIS introductions to Lake Chelan and surrounding water bodies.
- **Goal 2.** Minimize the probability of aquatic invasive plant (AIP) species introductions to Lake Chelan and surrounding water bodies.

ALS Inspection Program Goals

Figure 1: Invasive Species growth curve and strategic action

GENERALIZED INVASION CURVE SHOWING ACTIONS APPROPRIATE TO EACH STAGE



AIS Inspection Program Objectives

- **Objective 1.** Maximize the probability of intercepting all AIS contaminated vessels traveling to Lake Chelan through the inspection service area during peak boating season (April-September).

ALS Inspection Program Objectives

- **Objective 2.** Maximize the probability of intercepting all aquatic invasive plant species contaminated vessels traveling to Lake Chelan through the inspection service area during peak boating season (April-September).

ALS Inspection Program Objectives

- **Objective 3.** Expand ALS and AIP detection capacity across Lake Chelan and Chelan County through partnerships between WDFW, Chelan County Natural Resources, stakeholder agencies, and regional land and water managers.

ALS Inspection Program Objectives

- **Objective 4.** Provide clear communication and reporting guidance to trigger incident command system and initiate rapid response activities within 48-hours of invasive mussel incidents, per existing species-specific rapid response plans.

ALS Inspection Program Objectives

- **Objective 5.** Continue and expand interagency cooperation between CCNR, WDFW, and stakeholder agencies on AIS initiatives.
- Recommendations of the Oregon and Washington Invasive Mussel Near-Term Action Working Group : (1) enhance prevention efforts, (2) ensure rapid response preparedness, and (3) build partnerships and facilitate coordination to meet interagency invasion prevention and response goals.

ALS Inspection Program Objectives

- **Objective 6.** Educate the public about ALS impacts and costs and the importance of ALS prevention.

Program Scope to Meet Goals and Objectives

- **Lake Chelan specific program**
- **Potential options**
 - Boat launch-based (Chelan County)
 - Road-based (WDFW)
 - Hybrid launch/road model (Partnership)
 - Inspect all watercraft at fixed locations
 - Identify invasive species
 - Decontaminate vessels
- **Sustainable funding model**
 - Interagency partnership
 - Multiple entities
 - Possible user fees and agency funds



Oregon finds invasive quagga mussel on boat at Ashland inspection station



By Mia Maldonado (Oregon Capital Chronicle)
March 24, 2026 12:27 p.m.



No Action Alternative: Option 0.

- No Inspection Program
- Option rejected – does not meet goals or objectives

Option 1. Boat launch-based inspection and decontamination program

- **Lead Entity:** Chelan County Natural Resources
- **Location:** Public boat launches around Lake Chelan
- **Water Bodies Protected:** Lake Chelan
- **Operational Window:** April – October annually.
- **Weekly Operations:** Thursday – Sunday; Extended holiday hours

Public Boat Launches (Option 1)



Option 1. Boat launch-based inspection and decontamination program

LOCATION	TYPE	MANAGERS	WATERCRAFT INSPECTED	
			2024	2025
25 MILE STATE PARK	State Park	Washington State Parks	257	167
LAKE CHELAN STATE PARK	State Park	Washington State Parks	274	251
LAKESHORE MARINA	Public Park (local)	City of Chelan Parks and Recreation	554	284
OLD MILL PARK	Public Park (local)	Manson Parks and Recreation District	1,187	460
CHELAN RIVERWALK MARINA	Public Park (PUD)	Chelan County Public Utility District #1	558	339

Option 2. Roadside Watercraft Inspection Station Program

- **Lead Entity:** Washington Department of Fish and Wildlife
- **Location:** TBD - Highway 97 ALT (97A) or Highway 97
- **Water Bodies Protected:** Lake Chelan, Columbia River, adjacent water bodies
- **Operational Window:** April – October annually.
- **Weekly Operations:**
 - Full-time (7 days/week) July-September
 - Part-time (4 days/week) April-June, October

Option 3. Roadside Watercraft Inspection Station with Roving Boat Launch Inspection

- **Lead Entity:** Washington Department of Fish and Wildlife
- **Supporting Entity:** Chelan County Natural Resources
- **Location:** TBD - Highway 97 ALT (97A) or Highway 97; Public boat launches around Lake Chelan.
- **Operational Window:** March – October annually.
- **Weekly Operations:**
 - WDFW Roadside inspection station: Full-time (7 days/week) March-September
 - WDFW Roadside inspection station: Part-time (4 days/week) March-April, October
 - CCNR Roving boat launch inspections: Part-time (4 days/week) April-October

Alternatives Comparison: Operations

PROPOSED ALTERNATIVE	SEASON	OPERATIONAL DAYS	LOCATIONS	SEASONAL ROVING
0. NO PROGRAM (PRE-2022)	None	None	None	NA
1. EXISTING CCNR AIS INSPECTION PROGRAM	May-October	Thursday – Sunday; Extended holiday weekends	Five boat launch locations; roving boat launch assistance	Yes
2. ROADSIDE WATERCRAFT INSPECTION STATION	April-June; October	4 days/week	Single, mandatory roadside station (location TBD)	No
	July-September	7 days/week		
3. ROADSIDE WATERCRAFT INSPECTION WITH ROVING BOAT RAMP COVERAGE	March-April; October	4 days/week	Single, mandatory roadside station (location TBD)	No
	May-September	7 days/week	Single, mandatory roadside station (location TBD); roving boat launch assistance	Yes

Alternatives Comparison: Operations

LOCATION	AGENCY	LEGAL AUTHORITY	PRIMARY FUNDING SOURCE	LEVEL OF AIS PREVENTION COVERAGE
0. NO PROGRAM (PRE-2022)	--	--	--	None
1. EXISTING CCNR AIS INSPECTION PROGRAM	CCNR	WDFW enforcement or authority delegated from WDFW to CCNR via memorandum of understanding	Local funding, collaborating agencies	Moderate
2. ROADSIDE WATERCRAFT INSPECTION STATION	WDFW	WDFW enforcement	State budget appropriation	High
3. ROADSIDE WATERCRAFT INSPECTION WITH ROVING BOAT RAMP COVERAGE	WDFW and CCNR	WDFW enforcement or authority delegated from WDFW to CCNR via memorandum of understanding	State budget appropriation; local funding; collaborating agencies	Very High

Alternatives Comparison: Cost

ALTERNATIVE	ANNUAL COST (2025 DOLLARS)	LOCAL PROPORTION	STATE PROPORTION	PARTNER AGENCY PROPORTION
0. NO PROGRAM (PRE-2022)	\$0	\$0	\$0	\$0
1. EXISTING CCNR AIS INSPECTION PROGRAM	\$115,000	100%		TBD
2. ROADSIDE WATERCRAFT INSPECTION STATION	\$176,000		100%	TBD
3. ROADSIDE INSPECTION WITH ROVING BOAT RAMP COVERAGE	\$242,000	30%	70%	TBD

Locations: Options 2 and 3

- **Boat launches**
 - All public boat launches from 2024-2026 voluntary program
- **Highway inspection stations**
 - Focus on major highways, not necessarily Lake Chelan
 - Highway-97A/97
- **Integrate Highway-97 inspections with roving boat launch inspections**
 - Joint CCNR-WDFW program with collaborating agency support

Proposed Locations: Travel Analysis

856,316 unique trips
May-October
<https://spot-ais.org/>



Proposed Locations: Travel Analysis

RISK INFORMATION

Statistics and numbers on the risk of invasive species throughout the area you selected

0.3%

of boater traffic
are from known
infested water bodies

Source: TBA, known as of 4/23/2026

Summer only
2023-2025
<https://spot-ais.org/>

TOP 5 INBOUND LAKES

1. **Lake Washington, WA**
- 56,446 visits
2. **Lake 526**
- 45,911 visits
3. **Lake 528**
- 40,555 visits
4. **Lake Pend Oreille, I**
- 38,079 visits
5. **Coeur d'Alene Lake,**
- 31,886 visits

Source: Motivf, known as of 4/23/2026

TOP 5 OUTBOUND LAKES

1. **Lake Washington, WA**
- 63,987 visits
2. **Lake 526**
- 52,575 visits
3. **Lake 528**
- 45,261 visits
4. **Lake Pend Oreille, I**
- 42,307 visits
5. **Lake Chelan, WA**
- 37,678 visits

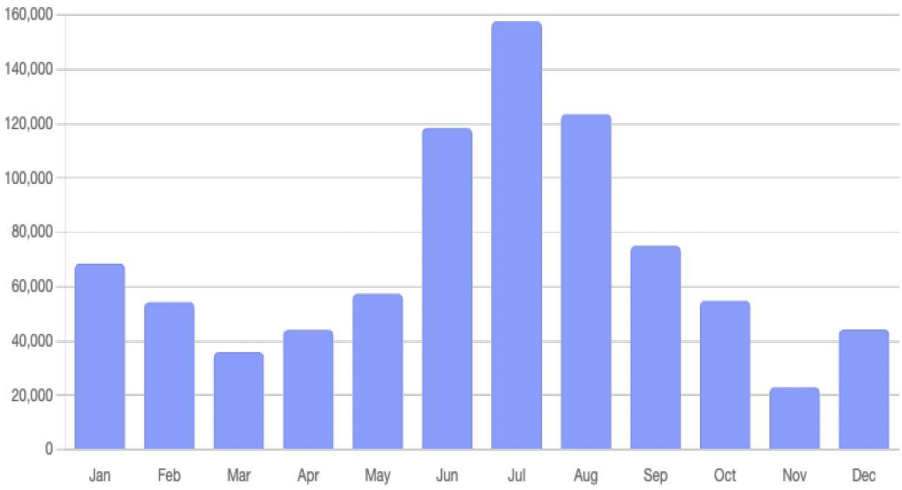
That's us!

RECOMMENDATIONS & INSIGHTS:

0.3% of traffic originates from known infested water bodies. Monitor for increased risk patterns and consider targeted outreach during peak traffic periods.

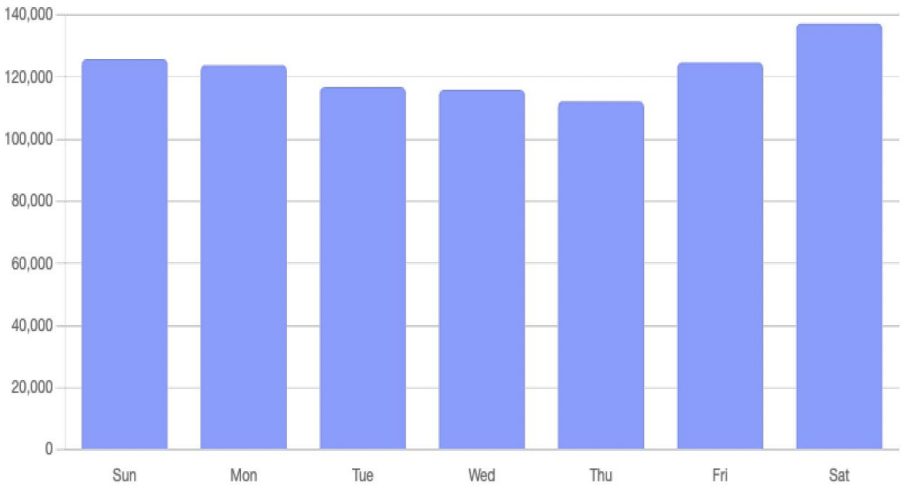
BOATER TRAFFIC VISUALIZATIONS

DISTINCT TRIPS BY MONTH



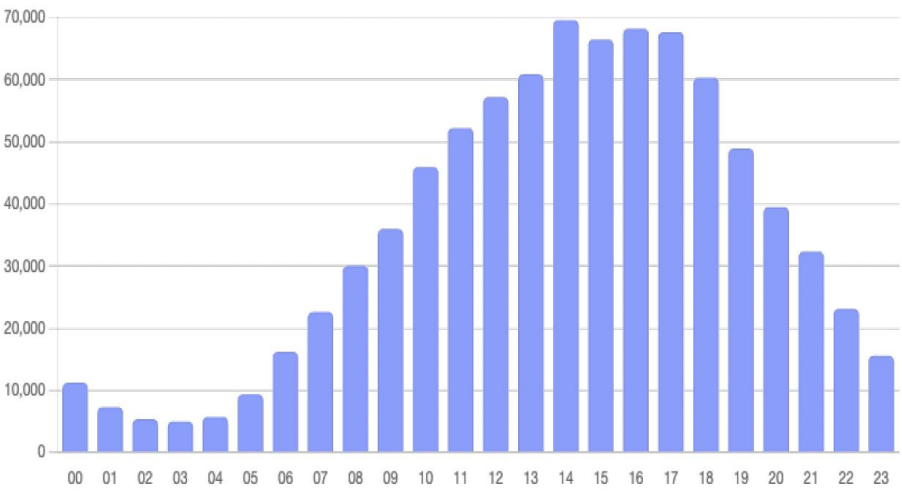
INSIGHT: Peak month is Jul

DISTINCT TRIPS BY DAY



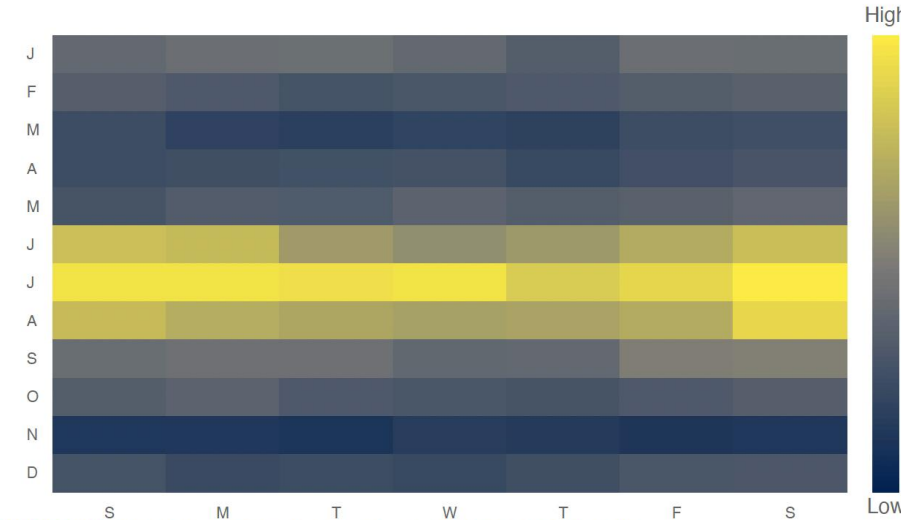
INSIGHT: Busiest day is Sat

DISTINCT TRIPS BY HOUR



INSIGHT: Peak hour is 14:00

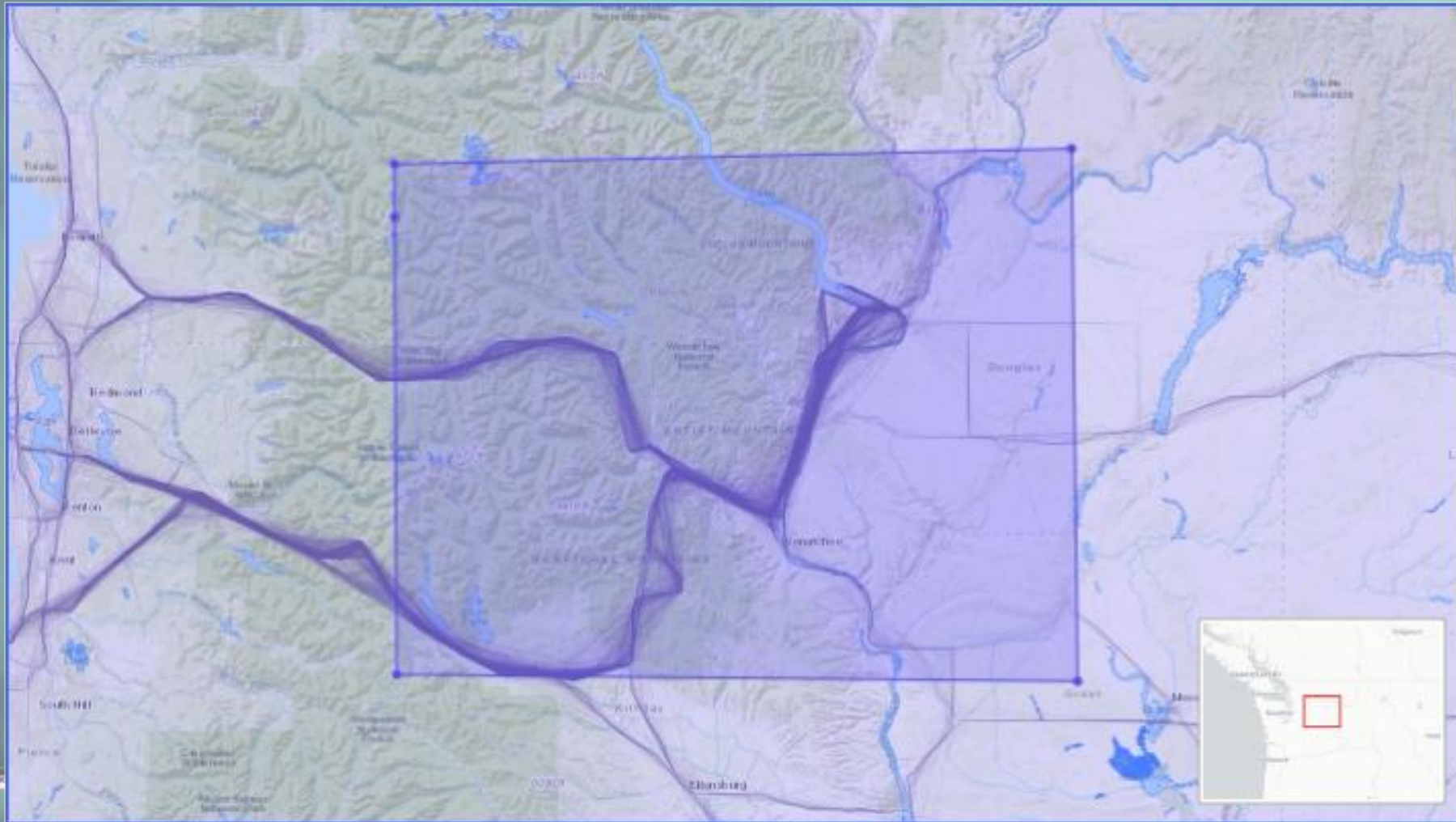
Heatmap: Month x Day



INSIGHT: Peak traffic is during Summer-time weekends

Summer only
2023-2025
<https://spot-ais.org/>

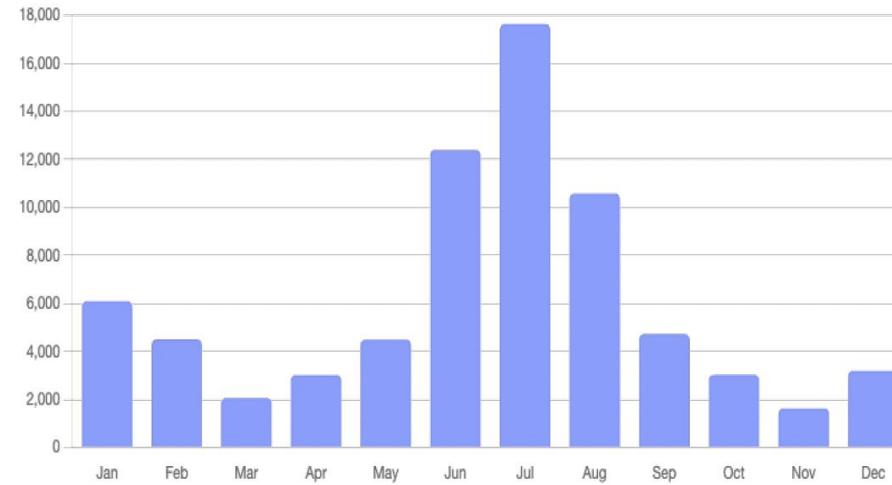
Proposed Locations: Travel Analysis



Summer only
2023-2025
73,309 unique trips
<https://spot-ais.org/>

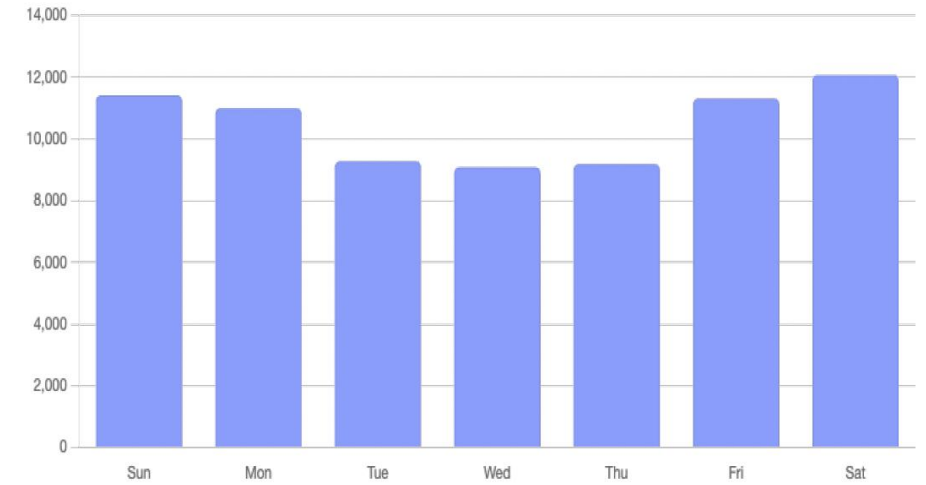
BOATER TRAFFIC VISUALIZATIONS

DISTINCT TRIPS BY MONTH



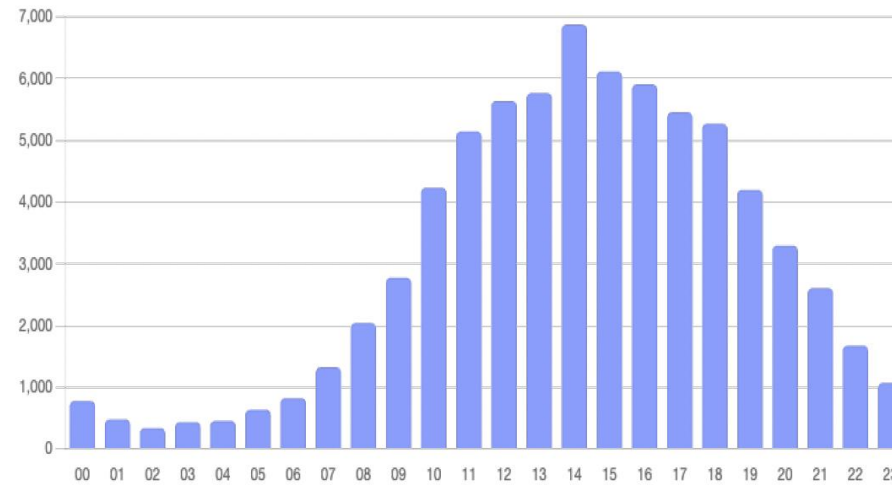
INSIGHT: Peak month is Jul

DISTINCT TRIPS BY DAY



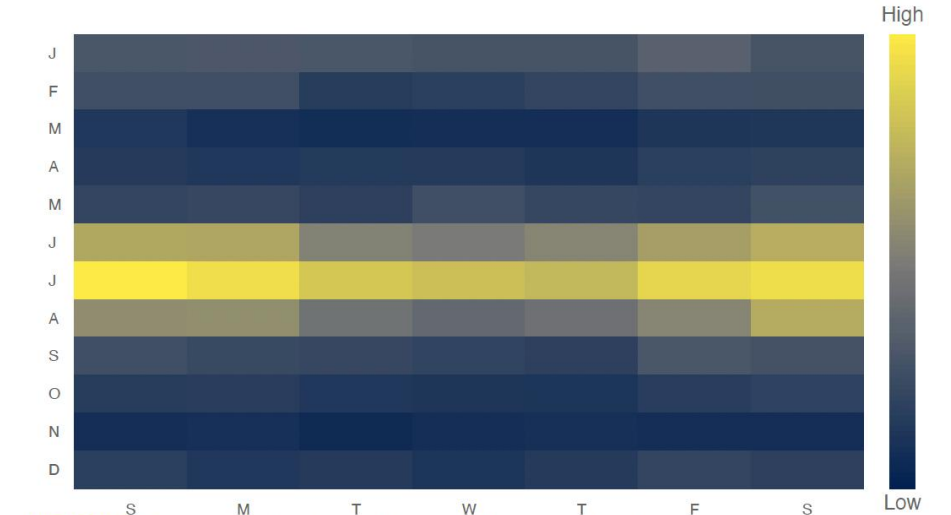
INSIGHT: Busiest day is Sat

DISTINCT TRIPS BY HOUR



INSIGHT: Peak hour is 14:00

Heatmap: Month x Day



INSIGHT: Peak traffic is during Summer-time weekends

Summer only
2023-2025
<https://spot-ais.org/>

RISK INFORMATION

Statistics and numbers on the risk of invasive species throughout the area you selected

0.2%

of boater traffic
are from known
infested water bodies

Source: TBA, known as of 4/23/2026

TOP 5 INBOUND LAKES

- 1. Lake Chelan, WA
- 21,951 visits
- 2. Lake Entiat, WA
- 4,753 visits
- 3. Lake 501
- 4,442 visits
- 4. Lake 499
- 2,959 visits
- 5. Lake 495
- 2,430 visits

Source: Motivf, known as of 4/23/2026

TOP 5 OUTBOUND LAKES

- 1. Lake Chelan, WA
- 27,164 visits
- 2. Lake Entiat, WA
- 5,417 visits
- 3. Lake 501
- 4,766 visits
- 4. Lake 499
- 3,249 visits
- 5. Lake 495
- 2,993 visits

RECOMMENDATIONS & INSIGHTS:

0.2% of traffic originates from known infested water bodies. Monitor for increased risk patterns and consider targeted outreach during peak traffic periods.

Summer only
2023-2025

<https://spot-ais.org/>



Locations

- **Location a**

- Implies r

- **Travel large**

- Puget So

- **Highway i**

- Travelers
 - Large ga

- **Integrate Launches**

LOCATION	TYPE	LANDOWNERS INVOLVED	MULTIPLE WATER BODIES?	DOMINANT TRAFFIC ROUTE?
CHELAN AIRPORT RIGHT-OF-WAY CHELAN AIRPORT RD./KELLY LN., CHELAN, WA, 98816	Roadside; off-highway	Private/City of Chelan/Chelan Douglas Regional Port Authority	Lake Chelan	Northern Lake Chelan
23290 US-97A, CHELAN, WA, 98816 (97A AND GODFREY SPRINGS RD.)	Roadside; on-highway	Private/WSDOT	Lake Chelan	Northern Lake Chelan
CHELAN GORGE PARK - 422 S. NAVARRE ST, CHELAN, WA 98816	Public park access and parking	Chelan Public Utility District; City of Chelan	Lake Chelan	Yes
ENTIAT CITY PARK - 2461 LAKESHORE DRIVE, ENTIAT WA 98822	Public park access and parking	Chelan County Public Utility District; City of Entiat	Lake Chelan, Columbia River	Yes; only Highway 97-A
WENATCHEE HIGHWAY 97A/HIGHWAY 97-2 INTERCHANGE	General Area	Potential to work with Washington State Patrol, Link Transit, WSDOT, other owners to identify best location	Columbia River, Lake Chelan	Yes; regional high traffic area

ective

n Boat

Inspection Procedures

- **Inspection Process**

- Visual inspection of exterior and interior of vessel
- Including hull, transom, live wells, ballast tanks, lines, etc.

- **Decontamination Process**

- Hot water rinse to sanitize vessel
- Capacity to decontaminate vessels up to 20' in length
- WDFW station required for larger vessels

- **Identical to CCNRD voluntary program, WDFW mandatory program**

- Widespread, accepted methods
- <https://wdfw.wa.gov/species-habitats/invasive/prevention/>



AIS Detections, Prevention, and Control Measures

- **Detection**
 - Includes Response Programming
 - Incident Command System (ICS)
- **EDRR – Early Detection and Rapid Response**
 - Interagency workflow
 - Agency coordination
 - Includes eradication
 - Public outreach
- **Existing precedent for response**
 - Existing response plans

Interagency Quagga and Zebra Mussel Rapid and Extended Response Plan for the Snake River in Washington State



Compliance and Enforcement

- **Range of potential options**
 - Mandatory: sticks vs carrots
 - Probable enforcement agency: TBA
- **Alternatives considered for Mandatory AIS Inspection Program**
 - Enforcement agency
 - WDFW vs Chelan County
 - Launch permit checks
 - On-the-water
 - Dock
 - Roadside
 - On-the-water incidental patrols
 - Integrated safety-AIS

Agenda

- **10:00-10:20 AM: Welcome and Agenda Overview**
- **10:20-11:20 AM: Draft AIS Mandatory Inspection Program Presentation**
- **11:20-11:35 AM: AIS Subcommittee Draft Document Review Process**
- **11:35-11:50AM: Next Steps and Closing Remarks**

Draft Review Process

ALS Inspection Program Document Review Process

- **Living document**
- **Likely to see changes and additions based on partnerships and discussion through ALS Subcommittee and LCC**
- **Review for content**
- **Select preferred scenario alternative in comments**
- **Suggest any additional ALS Inspection Locations**

ALS Inspection Program Document Review Process

- **Emailed following June 3rd ALS Subcommittee Meeting**
- **Feedback via email by Thursday, June 18th, 2026**
- **Contact information in document**

Agenda

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Next Steps and Closing Remarks

Next Steps and Closing Remarks

- **TOMORROW: June 4th: Lake Chelan Collaborative AIS Subcommittee Field Trip: 10:00 AM Lakeshore Marina**

Dates and Upcoming Feedback Opportunities

Next AIS Subcommittee meeting:

Wednesday, Sept. 23rd, 2026 – 10 AM

Zoom and Chelan County Fire Station #7

232 E. Wapato Ave. Chelan, WA 98816

Take this quick survey!



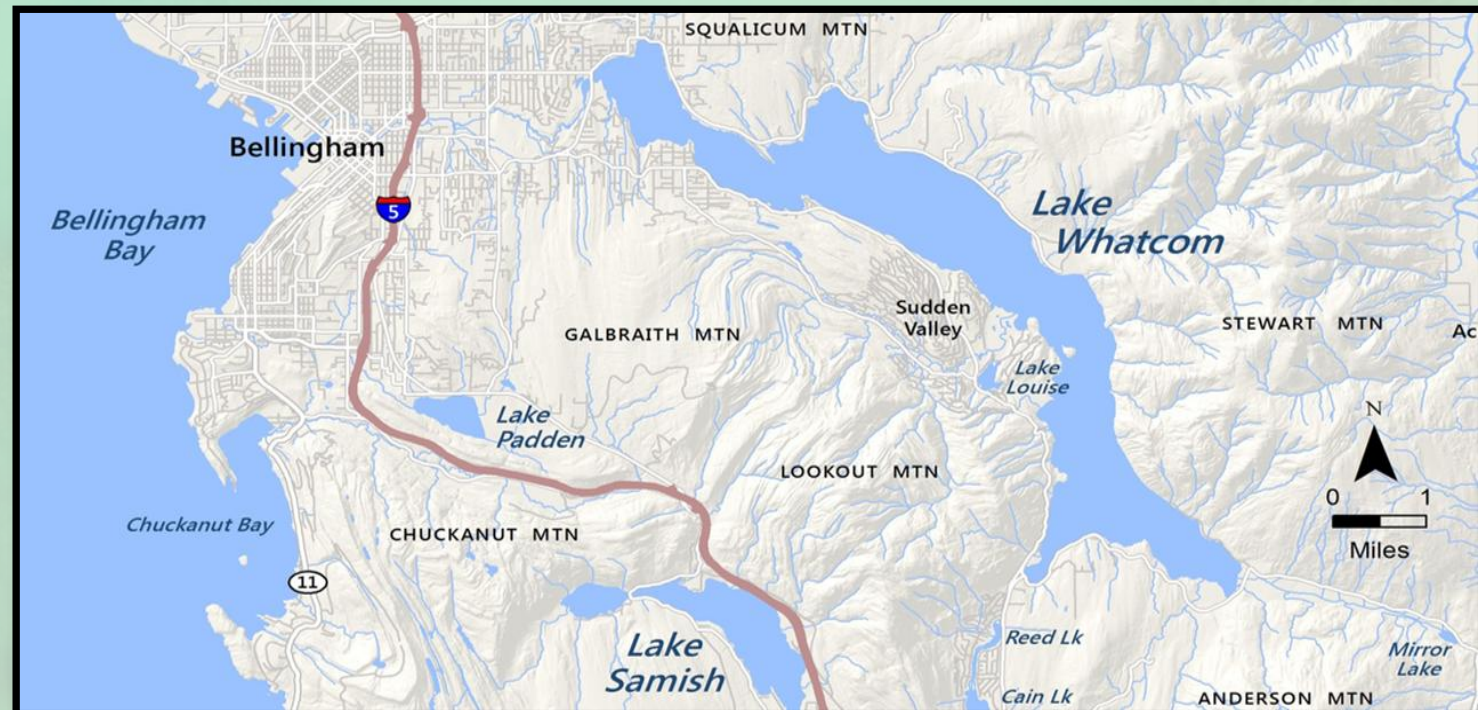
An aerial photograph of a tropical coastline. The water is a vibrant turquoise color. A small white boat is visible in the upper left. A long, narrow, low-lying island with dense green vegetation stretches horizontally across the middle of the frame. The bottom of the image shows a dark, possibly submerged, structure or reef.

Questions and Discussion

Compliance and Enforcement

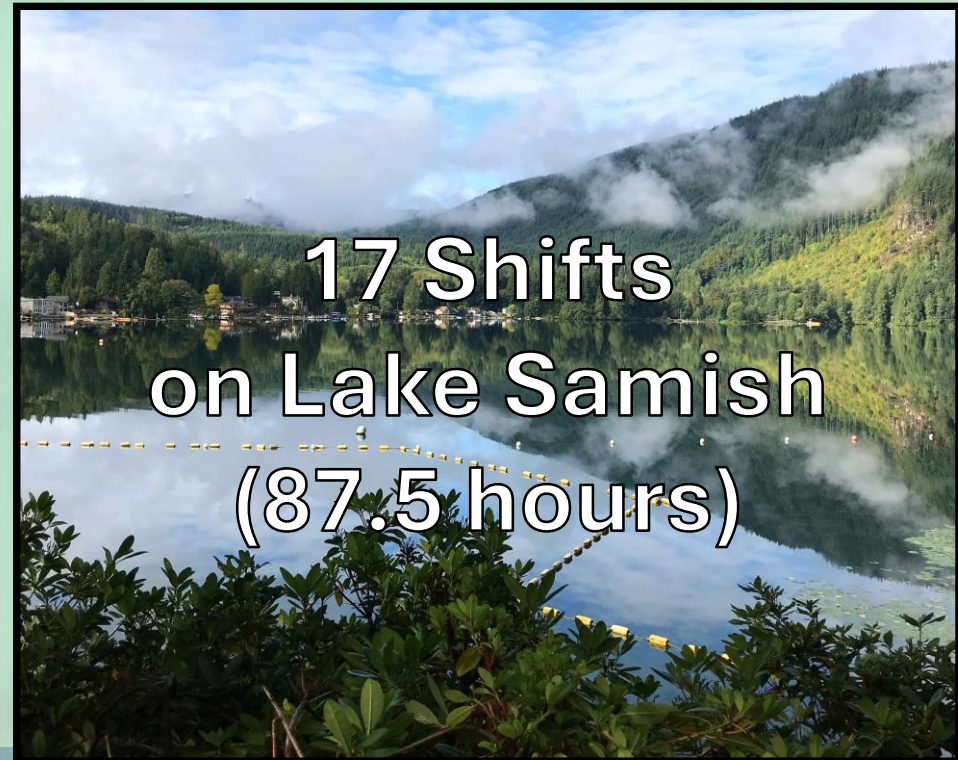
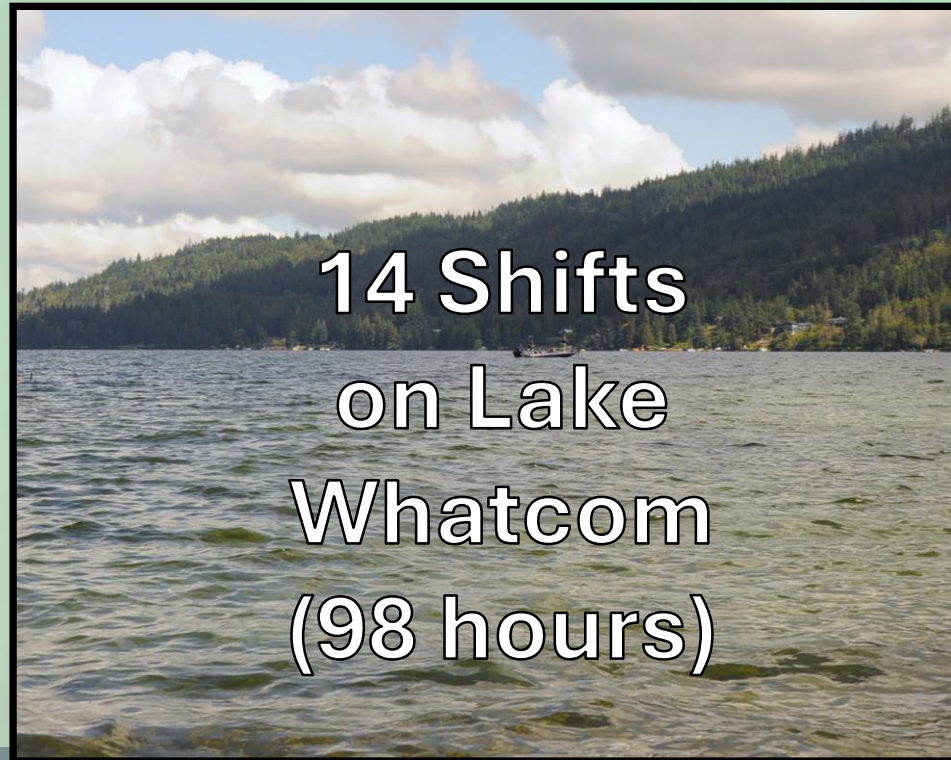
- **Examples from Lake Whatcom**

- <https://www.lakewhatcom.whatcomcounty.org/our-programs/ais-program>



Enforcement (Lake Whatcom)

Whatcom County Sheriff's Office



AIS Enforcement Patrol (Lake Whatcom)

- 775 vessels were contacted
- 593 written inspections issued
- 24 AIS violations located, and boaters sent to inspection station
- No duplicate AIS violators



Gate Installation (Lake Whatcom)

- Installed in late August
- Launch closed for season November 4th
- Standby schedule
 - 104 post-season inspections at gate in 2025



Proposed Funding and Alternative Budget Pathways

- **Public-Agency partnership**
 - Engage agencies for ongoing funding
 - Supplement with AIS boat permits/tags
 - Elements of both agencies and citizen fees
- **Public agency**
 - Funded through tax measure
 - Funded through agency appropriations
- **Citizen**
 - AIS boat permit and tag revenue
 - Implementing agency levies use citizen fees
- **Most likely**
 - Public-Private citizen partnership

Proposed Funding and Alternative Budget Pathways (Whatcom County ex.)

2021 PROGRAM EXPENDITURES AND REVENUES

Fee revenues collected by AIS permit sales are used to fund the AIS Program. This funding is supplemented by funding provided by Whatcom County, the City of Bellingham, and the Lake Whatcom Water and Sewer District. The tables below outline program expenditures and revenues collected from fees in 2021. Due to COVID-19, a \$10 discount was applied to all annual permits starting in April 2020 to provide economic relief and to facilitate the purchase of permits online rather than in-person at the launches. This discount was applied to all annual permits again in 2021.

2021 PROGRAM EXPENDITURES

Program Characteristic	Expenditures for 2021 (\$)
AIS Program Staff	507,352
Other*	57,833
Total	565,185

*Other costs include supplies, materials, equipment, and consultant fees. Additional costs in 2021 covered PPE, designated devices, and cleaning supplies.

FEE REVENUES COLLECTED IN 2021

Type of Permit/Pass	Fee (\$)	# Passes/Permits Sold	Total Revenue (\$)
Annual Registered Permit (COVID-Discount)	50	2,675	133,750
Small Vessel Permit (COVID-Discount)	20	301	6,020
3-Day Pass	20	60	1,200
1-Day Pass	10	625	6,250
Non-Motorized Permit (COVID-Discount)	0	3,913	0
Total		7,574	147,220*

*Does not include all revenue collected from event or business permit fees. Does not include outstanding invoices.

CONTRIBUTION BY JURISDICTION

Jurisdiction	Contribution (\$)
City of Bellingham	210,889
Whatcom County	148,717
Lake Whatcom Water and Sewer District	58,320
Total	417,926

Permit Fee Restructure (Whatcom County)

- \$64,607 increase in revenue for program
- Expect additional revenue increase in 2026
 - Fee in place all calendar year
 - Gate requires boaters who used to launch pre-season to contact AIS staff for access the first time

Vessel Type	Tier (Risk Level)	Time to Inspect (Minutes)	Current 1-Day/ 3-Day Pass Permit Fees (\$)	New 1-Day Pass Fee (\$)	New 3- Day Pass Fees (\$)
Registered Vessel – Class A	Tier 1 - Resides in Whatcom County	10	10/20	20	40
Small Vessel- Class B		7	10/20	15	30
Registered Vessel – Class A	Tier 2 - Resides in WA State	20	10/20	30	55
Small Vessel- Class B		10	10/20	25	45
Registered Vessel – Class A	Tier 3 - Resides Outside of WA State	30	10/20	50	70
Small Vessel- Class B		20	10/20	35	60