



ANACORTES PARKS & RECREATION DEPARTMENT

**P.O. BOX 547, ANACORTES, WA 98221
(360) 293-1918**

Anacortes Community Forest Lands Advisory Board

**April 3, 2025
6pm**

In person and virtual meeting options.

In Person: Anacortes Library Community Meeting Room

Zoom Meeting Link:

<https://us02web.zoom.us/j/88308344363>

Preliminary Agenda

- 1. Call to Order**
- 2. Approve March '25 Minutes**
- 3. Public Comments *for any item not on the agenda***
- 4. Lapsansky Proposal: The Effects of Cyanotoxins on Aquatic Invertebrate Communities**
- 5. Forest Plan 2026 Update: Board Review of Public Comments**
- 6. Friends of the Forest Update**
- 7. Staff Reports**
- 8. Parks Commission Update**
- 9. Other Business**

Adjourn

Minutes of the Meeting: February 6, 2025

Board members present: Brian Wetcher, JoAnn York-Gilmore, Tabb Stringer, Nathan Schwarck, Kit Gerwels

Staff present: Bob Vaux, Jamie Burroughs, Darby Jordan

Meeting held in person and called to order at 6:00PM

Minutes: February minutes were unanimously approved.

Public Comments:

None

Forest Plan: 2026 Update Draft Review:

Kit gave an overview of the process and timeline, thanking the public for their written comments. He shared that staff had received about 50 new comments, covering a wide range of topics. He reviewed the steps that the Board, public and Staff have taken so far. He also laid out the steps to be taken going forward, with Board review of the draft and comments in April and revision of the draft by staff based on recommendations by the Board along with submitted public comments. It will then end with a Board approved Draft, hopefully in June, to be submitted to Council for approval. This step will also allow for public comment to Council.

He reminded the public that all written comments and the draft plan are posted online.

The Board closed the public comment period for this Draft.

The Board had discussion about how to approach the public comments and themes. It was agreed that the Board would do work ahead of time and come to the meeting prepared to give their recommendations.

Bob asked that the Board focus on content, not format as staff knows the changes being made have caused the format to change. That will be polished once the content is changed.

A question was raised about what criteria the Board would be using to evaluate the comments and feedback. Brian shared that he uses three areas of criteria: best available science, compliance with all laws and permitting and evaluating if it is in line with the philosophy and goals of the ACFL of passive recreation and conservation.

Nathan shared the following from the current Forest Plan: The goal of this process was to develop a plan that works to conserve and enhance the unique environment and habitats within the (ACFL) while maintaining recreation opportunities for local residents.

Friends of the Forest Update:

Ellie was in attendance and reported that the programs are planned and filling quickly. They will run a homeschool camp that is showing to be quite popular.

Adult programs are also running with great attendance. March 4th was their annual meeting. The Naturalist Club begins next week and runs for 5 weeks looking at the ecology of the forest lands. They are looking for Trail Ambassadors for this summer season. Applications are open now. They are also looking for volunteers to staff the Discovery Center. The Friends are working with the Downtown Alliance, Procession of the Species and the Luminary Parade to celebrate Earth Day.

Staff Reports:

Bob thanked Ellie for the help of the Friends on the work party. The next work party will be on National Trails Day, June 7th.

Staff is accepting applications for seasonal workers to join the team. They have received more applications than in previous years. The team is looking forward to the help with the transition to spring and still being down a maintenance position.

Jamie thanked the volunteers who came out for the work party. The community support is appreciated.

Bob shared that as part of the new police officers coming on board, they spend an afternoon with Parks staff. Bob shows them the trouble spots in the ACFL and Nicole does the same with City parks, focusing on WA park.

Parks Commission Report:

JoAnn reported that the Commission spent their meeting getting updates from staff on all of the upcoming spring and summer projects. Staff are working with the school district on resurfacing and lining two of the district's tennis courts to allow for pickleball play there. The skate park restroom and parking are in process with steps being taken toward work starting in the fall.

Other Business:

None

Adjourned at 6:57pm

Respectfully Submitted by Darby Jordan

MARCH 2025
Assistant Director's Highlights
Submitted: March 26, 2025
Bob Vaux

TREES

Met with an ACFL neighbor on Lake Erie Way. Will be working on some property line trees together.

3/13: some publicly owned trees were impacted by the recent house move near Washington Park. Parks is providing some assistance to Public Works on inventory and value.

ACFL RECON

2/27: reviewed some trail repair issues on #123 with WDFW staff.

3/3: ACFL Jamie and I spent some time checking on adjacent logging operation to the Forest Lands, south of Heart Lake. Flagged boundaries being observed.

3/6: working with staff on a Port-o-Pottee location for #10 trailhead.

3/21: looked at a trail surface failure on #204, just south of #246 with Jamie. He jumps on the project.

3/25: Jamie and I walked the closed #132. Some foot traffic has removed our closure from the west side. We will get to work on reestablishing the barriers, along with closed signs.

We also looked at some beaver activity near Little Beaver Pond. Have begun the review process with WDFW.

ADMIN

- Continued work on processing Forest Plan written public comments. I do appreciate everyone who has taken the time to submit. Getting them organized for the April Forest Advisory Board meeting.
- Welcome aboard to the new Friends of the Forest E.D., Josie Henderson. She, Ellie, Director Lunsford and I had a great initial meeting.
- Working with HLN Engineering on conceptual plan for W. 6th Park. Hoping to schedule the next public meeting mid-spring.

FRIENDS OF THE FOREST ANNUAL MEETING

Thank you, FoF, for the invitation to attend and say a few words. Always great to reflect on all the good work and education that has been done in the ACFL.

BEN ROOT SKATE PARK PROJECT: PHASE II

Met on site with Samish Nation staff, re: cultural resources survey. Working together on a plan for this critical element of the process.

Thanks again to the Public Works Engineering team for all of their work on this project as well. We are finalizing contract details with our Civil Engineer.

WASHINGTON PARK

Conducted annual residence inspection with our Caretaker Chris. He does a great job for us out there, including caring for the home. Other than some long term/expected maintenance, all is well.

James Burroughs
ACFL Maintenance technician
March 24th, 2025
ACFL Maintenance Report: March- 2025

Friends of the Forest Work party

On March 1st we had our work party with the Friends of the Forest. It was focused on tackling some trail resurfacing and turnpike installation on Trail #320. The 12 volunteers who came out all worked hard, we were able to resurface most of the problem areas on #320 and install the section of turnpike. We were also able to do some extra credit and lay gravel at the beginning stretch of Trail #215. Special thanks to Ellie for helping put this together!



Trail Maintenance

On March 4th I worked on Trail #212, which is located across from Ray Auld Drive, the goal was to improve the trail surface and drainage. I also installed a culvert at the Trail head where water would flow over the trail across to the other ditch. I resurfaced the trail and reestablished the drainage ditch that ran parallel with the trail. I also cleaned out culverts that were located at the top of the hill. I received help from a volunteer trail crew member with this fix.



On March 5th I worked on sections of Trail #218, which is in the Northeast section of the Whistle Lake system. The spots were both needing some drainage and resurfacing repairs. This fix came with lots of appreciation from multiple ACFL users as this was one of our most problematic spots.

March 20th, I came across a section of Trail #204 that had become potentially dangerous to trail users. The hillside that used to be contained by logs had become unstable and the hillside was waiting to give way. It was discovered at the end of my day, so after discussing with Bob (Vaux), I cautioned taped

the dangerous section of trail off and we visited the site the next morning. We have come up with a plan to fix it. I attempted to fix it that day but had to go back to the drawing board as the rock face and steep hillside presented different challenges than expected. I expect to revisit it this week and get it repaired.

Early on this month I filled in the hole that was in the middle of Trail #123.

Little Cranberry mystery

On March 18th the Parks Department received a call about a potential crawdad trap that was located at Little Cranberry Lake. Crawdad fishing is allowed on the lake however the season doesn't begin till the first Monday in May. I went out to the location and located the rope that was tied up to a tree. I attempted to bring whatever was attached to the rope onto the shore but was unsuccessful. The next day (Parks maintenance) Steve Phillips and I went out in the boat for another attempt at retrieving it. Another unsuccessful effort and we have now reached out to a diver to identify whatever is attached to the rope.

ACFL beaver rounds

The beavers have been hard at work clogging up the drain at 32nd St. swamp so frequent checks at this spot have been made as of late. Ace of hearts creek has been less active in comparison to last year. Little Cranberry spillway continues to be a favorite spot to close for them.

Hazardous/ Downed tree removals

Removed a downed tree that had fallen across Ray Auld Drive.

Removed multiple hazardous trees off Trail #249.

Removed downed trees off Trail #28.

Removed downed tree off Trail #218.

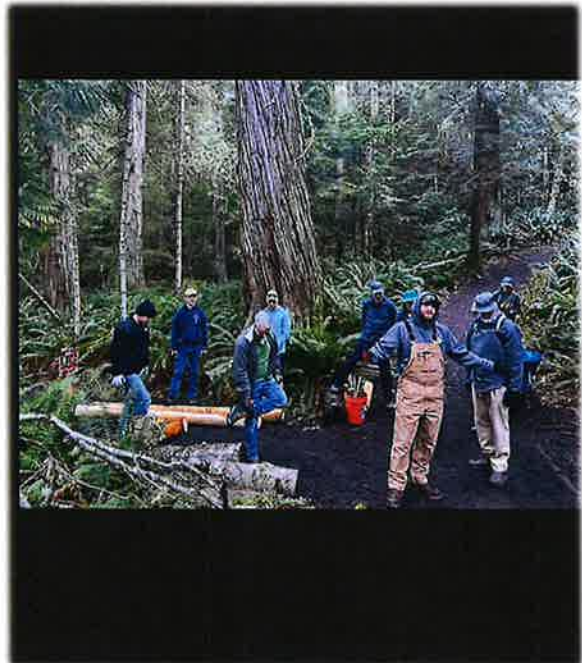
Removed hazardous trees of Disc Golf Course.

In-Town Parks Maintenance

I have helped the in-town crew with multiple different tasks/projects this month. Some of the highlights include cemetery marker installations, Tommy Thompson trestle

board repair, sanitation rounds and Clear ridge Pickle Ball court fence install project.

Friends of the Forest work party pictures



NORTHWEST INDIAN COLLEGE

Xwlemi Elh > Tal > Nexw > Squl



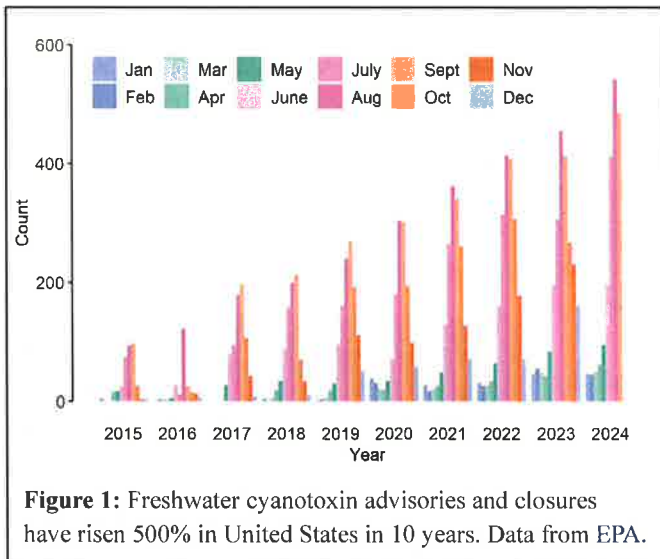
Through education, Northwest Indian College promotes Indigenous self-determination and knowledge

Anthony (Tony) Lapsansky
lapsansky.org/

Senior Researcher
Salish Sea Research Center
Northwest Indian College

Project Overview:

Freshwater ecosystems provide essential resources including drinking water, irrigation, and recreation. However, these ecosystems face growing threats from harmful blue-green algae. Toxins produced by harmful blue-green algae – known as cyanotoxins – pose significant risks to human health, causing liver damage and promoting tumor growth. Over the past decade, the prevalence of cyanotoxins in the U.S. has risen by 500%, posing a serious threat to our food supply and the quality of life in rural communities [Fig. 1]. While aquatic invertebrates – critical components of freshwater ecosystems including insects, mollusks, and crustaceans – are likely affected by cyanotoxins, the extent of these impacts remains poorly understood. Because invertebrate species vary in their sensitivity to pollution and other forms of habitat degradation, invertebrate communities can also serve as “bioindicators” of ecosystem health.



This project aims to investigate the effects of cyanotoxins on aquatic invertebrate communities using four key freshwater sites in Skagit County: Pass Lake, Lake Campbell, Lake Erie, and Heart Lake. By simultaneously monitoring the invertebrate community and cyanotoxins at these sites, we aim to **1)** determine the relationship between cyanotoxins and invertebrate diversity, **2)** identify potential indicator species of cyanotoxins, and **3)** assess the risk that cyanotoxins adversely impact fish and other consumers of invertebrates through bioaccumulation and biomagnification of toxins.

Sampling Methods:

The Salish Sea Research Center (SSRC) at Northwest Indian College currently monitors water chemistry and cyanotoxin levels at various sites in Whatcom County. This project aims to extend the SSRC's current biotoxin monitoring program by adding four additional freshwater sites, including Heart Lake, and incorporating invertebrate sampling at these sites. These four sites were chosen as they are within 3 miles

of one another – well within the flight range for emergent freshwater insects – and vary in cyanotoxin prevalence. We have already been granted our scientific collecting permits from Washington State (see attached, Permit Number: LAPSANSKY 25-091).

Weekly from mid-April through October, we plan to monitor each lake's invertebrate community and measure the levels of total, dissolved, and particulate forms of cyanotoxins. Additionally, we will monitor water temperature, nutrient content, and chlorophyll concentration.



Figure 2: Example of a floating emergence trap.

We will sample invertebrates using a combination of activity traps and emergence traps. Activity traps will sit partially submerged in water, collecting both surface-dwelling and submerged animals. Animals are funneled in by a large opening (6" plastic funnel) and become trapped within a chamber (2L plastic bottle), where they are easily collected by researchers. Emergence traps float on the surface and collect insects as they emerge from the water as adults [Fig. 2]. Emergence traps will allow us to determine whether changes in the abundance of invertebrates captured using activity traps are attributable to mortality – potentially caused by cyanotoxins – or emergence. Emergence traps will also allow us to quantify the amount of cyanotoxins leaving freshwater systems within emergent insects. Activity and emergence traps allow repeated sampling of the same location without disrupting adjacent plant material or sediment.

We plan to place 3-6 activity traps and 3-6 emergence traps along the shore of Heart Lake. Each emergence trap samples an area of approximately 1 m², representing 0.0004% of the surface of Heart Lake. Each activity trap samples an area of 0.08 m² and is placed within the water column. Additionally, we will gather ~1L of water each week to quantify nutrient content, chlorophyll, and toxin concentrations.

Insects will be gathered from traps each week and sorted in the laboratory to the family- or genus-level, depending on ease of identification. We will track the abundance of each group through time. Additionally, we will calculate the functional diversity of the insect community. Functional diversity quantifies the health of an ecosystem based on its number of interacting components by assigning animals to categories according to a suite of functional traits (c.g., predator vs. herbivore). By simultaneously monitoring cyanotoxins and the invertebrate community in each lake, we will detect community shifts associated with rising cyanotoxin concentrations and identify putative indicator species.

Cyanotoxins can also be transferred out of freshwater systems via the food web [Fig. 3]. Thus, we will quantify the level of cyanotoxins within invertebrates by modifying the methods we currently use for other tissues (shellfish, marine birds, etc). Cyanotoxins in tissue are quantified by homogenizing tissues with mortar and pestle, suspending in acidified MeOH, and sonicating to ensure cell lysis. Toxins are then extracted via Solid



Figure 3: Great blue heron (left) hunts for aquatic prey during cyanotoxin closure. Pass Lake, WA.

Phase Extraction before being injected into the laboratory's LC/MS-MS. We will pool invertebrates within each site into groups based on both taxonomy (Odonata, Diptera, Coleoptera, etc.) and trophic level to assess the risk of biomagnification.

Why Heart Lake?

We aim to simultaneously sample from four lakes, including Heart Lake. These four sites were chosen as they are within 3 miles of one another and vary in cyanotoxin prevalence. Pass Lake and Lake Campbell have a history of frequent cyanotoxin closures, whereas Lake Erie and Heart Lake do not.

Including Heart Lake is key to this study because of its similarity to nearby Pass Lake. Both Pass Lake and Heart Lake have undeveloped shorelines and are approximately equal in size. However, while Heart Lake rarely exhibits cyanotoxin concentrations above state recreation guidelines, Pass Lake does so frequently – often at multiple times per year. This means that we will be better able to separate seasonal changes to the invertebrate community, which should occur simultaneously in both Pass Lake and Heart Lake, from those caused by harmful algae.

Anticipated impact on city lands or recreating public:

We anticipate no impact on the city lands or recreating public. All equipment will be sterilized between each site to prevent the spread of invasive species by soaking in Virkon Aquatic (Syndel, Washington) or Formula 409, in accordance with Washington State guidelines. Traps will be equipped with tags marked with the Washington State permit number and name and current address of the Permit Holder, along with a QR code leading to a website with more detailed information. We will also place signs along the shoreline to explain the purpose of the equipment to the public. We will place traps along areas of the shoreline that are not suitable for fishing because they are obstructed by fallen trees or other obstacles.

Benefits of the study:

While Heart Lake does not currently experience closures due to cyanotoxins, other lakes in the area do. This limits recreational opportunities and poses health risks to the public. Our proposed research will increase our understanding of harmful algal blooms, in general, and the invertebrate community in Heart Lake. We also aim to identify potential indicator species for cyanotoxins, which may serve as sentinels of harmful algal blooms in the future. We will publish our data and provide any and all monitoring data to interested parties, including the City of Anacortes.



WASHINGTON STATE SCIENTIFIC COLLECTION PERMIT Washington Department of Fish and Wildlife



Attachments (WDFW Use Only):
Please attach the finalized SCP application approved by the WDFW project team and supplemental materials.

An Annual Report must be submitted before renewal of next year's permit is granted. Under **RCW 77.15.660**, a violation of the terms or conditions of the scientific permit or any WDFW rule applicable to the issuance or use of the permit is a gross misdemeanor if the violation involves big game or big-game parts. It is also a gross misdemeanor under **RCW 77.15.660** to purchase or sell big game or big-game parts that were taken or acquired with a scientific permit. Under **RCW 77.15.160**, a violation involving anything other than big game or big-game parts is an infraction.

By signing below, I, Anthony Lapsansky, agree to abide by the conditions set forth in the Scientific Collections Permit issued by the Washington Department of Fish and Wildlife. I agree to all the conditions outlined in **WAC 220-200-045** and **RCW 77.32.240**. I also certify that if firearms are being used for collection under this permit, all persons who will use firearms are legally capable of possessing firearms (per **WAC 220-200-045(3)(e)**).

This permit is not valid until signed by the permit holder and the WDFW Representative.
This permit may be revoked or modified at the discretion of the director or the director's designee.

Instructions:

Please review the attached materials and only sign if accurate. If any information is incorrect, please void the request.

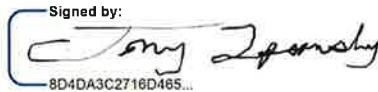
If you have questions, please contact

Phone: (360) 902-2464, Option 4

E-mail: scp@dfw.wa.gov

Permit Number (WDFW Use Only): LAPSANSKY 25-091

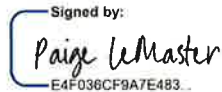
☒ I certify (or declare) under penalty of perjury under the laws of the State of Washington that the foregoing is true and correct.

Signed by:

8D4DA3C2716D465...

Anthony Lapsansky

anthony1@nwic.edu

3/3/2025 | 8:52 AM PST

Signed by:

E4F036CF9A7E483...

Paige LeMaster

scientificcollection.permits@dfw.wa.gov

2/28/2025 | 4:48 PM PST



WASHINGTON STATE SCIENTIFIC COLLECTION PERMIT Washington Department of Fish and Wildlife

Please see **SCIENTIFIC/EDUCATION COLLECTION PERMIT (SCP) INSTRUCTIONS** (separate document) for completing this application. This form must be used, typed and all sections must be completed.

Incomplete applications will be returned and result in a delay in the issuance of your permit. An Annual Report must be received before a renewal permit can be issued.

Applications and annual reports must be submitted via e-mail to scp@dfw.wa.gov.

Please allow up to **60 days** for processing. Due to the review process, SCP applications cannot be expedited.

You may NOT conduct project activities until you have received the final permit.

Attach a brief Study Plan and Applicant Qualifications. **PLEASE SEE INSTRUCTIONS.**

A **\$117.00 fee** is required with the application (per RCW 77.32.240).

If you have questions, please contact:

WDFW Licensing Division SCP

PO Box 43154

Olympia, WA 98504-3154

Phone: (360) 902-2464, Option 4

E-mail: scp@dfw.wa.gov

Permit Number (WDFW Use Only): LAPSANSKY 25-091

WHO:	1. APPLICANT INFORMATION		
	Name: Anthony Lapsansky		Agency: Northwest Indian College
	Phone Number: (360)441-3288		Mailing Address: 2522 Kwina Rd
	E-mail: anthonyl@nwic.edu		City: Bellingham State: WA
	Zip Code: 98226		
	2. SUB-PERMIT HOLDERS (cont. at bottom of application)		
	NAME/PHONE NUMBER:		NAME/PHONE NUMBER:
	Melissa Peacock / 360.594.4082		
	Megan Schulz / 360.305-7895		
	Kira Walters / 425.328-4939		
	John Rombold / 360.392.4276		
	Steffan Kinley / 360.821.4428		
	Roberto Kannapell / 206.430-2178		
	Karlee Cooper / 360.595-8701		
	3. THIS APPLICATION IS:		
☒ New		☐ Renewal of last year's Permit #	
☐ Amendment to Permit # _____			
4. PURPOSE OF COLLECTION OR HANDLING			
☐ Instruction/Education Display			
☒ Research/Scientific Investigation (includes ELECTROFISHING)			
☐ Salvage (deceased animals only)			
☐ Fish Rescue/Relocation			

5. RESEARCH OBJECTIVES: (Research only)			
☐ Aging	☐ Behavior	☐ Physiology	☐ Artificial Propagation
☒ Census	☐ Presence/Absence	☒ Population Distribution	☒ Life History
☐ Pathology	☐ Genetic	☐ Water Typing	
☒ Other: Community response to harmful algal blooms			

WHEN:	6. PERMIT TIMELINE*:	
	Permit start date: April 1 st , 2025	Permit end date: Dec 31 st , 2025
	(WDFW use only) Permit Valid Until: 31 DECEMBER 2025 *SCPs are valid for a maximum of 12 months.	

7. TYPE OF ANIMALS TO BE COLLECTED OR HANDLED:				
☐ Wildlife ☐ Fish ☐ Terrestrial invertebrates ☒ Aquatic Invertebrates – indicate below: ☐ Marine ☒ Freshwater				
8. SPECIFIC TYPE(S) (check all that apply):				
Wildlife		Fish		
☐ Non-Raptor Birds		☐ Marine Fishes		
☐ Raptors		☐ Freshwater Fishes		
☐ Mammals		☐ State and/or Federal Threatened or Endangered Species		
☐ Bats		Species Detail: _____		
☐ Reptiles/Amphibians		Proof of Federal Authorization (Permit # or BiOP): Required for raptor and non-raptor birds _____		
DO NOT ALTER WORD TABLE FORMAT, OR COPY AND PASTE ANOTHER TABLE. APPLICATIONS RECEIVED WITH ALTERED FORMATS WILL BE RETURNED FOR CORRECTION.				
9. COLLECTION INFORMATION (cont. at bottom of application)				
Species Requested – Both Common & Scientific names are required.		Specific Location & County	Max # of Lethal Take or Live Permanent Removal	Max # of Non-lethal Take or Salvage
Common Name	Scientific Name	Body of Water for Aquatic Species WDFW Wildlife Area Unit and/or Water Access Sites		
Leeches	Hirudinea	Pass Lake, Lake Campbell, Lake Erie, Heart Lake in Whatcom County	10,400	0
Annelid worms	Oligochaeta		10,400	0
Freshwater clams	Sphaeriidae		10,400	0
Snails	Gastropoda		10,400	0
Amphipods	Amphipoda		10,400	0
Isopods	Isopoda		10,400	0
Water mites	Hydrachnidia		10,400	0
Crayfish	Decapoda		2,080	0
Predacious diving beetle	Dytiscidae		2,080	0
Long-toed water beetle	Dryopidae		2,080	0
Whirligig beetle	Gyrinidae		2,080	0
Riffle beetle	Elmidae		1,040	0
Water-penny beetle	Psephenidae		1,040	0
Water scavenger beetle	Hydrophilidae		1,040	0
Crawling water beetle	Haliplidae		2,080	0
Spreadwing damselfly	Lestidae		5,200	0
Pond damsel	Coenagrionidae		5,200	0
Darner dragonfly	Aeshnidae		2,080	0
Clubtail dragonfly	Gomphidae		2,080	0
Spiketail dragonfly	Cordulegastridae		2,080	0

Emerald dragonfly	Corduliidae	2,080	0
Skimmer dragonfly	Libellulidae	2,080	0
Midge	Chironomidae	20,800	0
Biting midge	Ceratopogonidae	20,800	0
Dixid midge	Dixidae	20,800	0
Phantom midge	Chaoboridae	20,800	0
Black fly	Simuliidae	10,400	0
Mosquito	Culicidae	20,800	0
Crane fly	Tipulidae	10,400	0
Muscid	Limnophora	10,400	0
Deer fly	Tabanidae	10,400	0
Water strider	Gerridae	5,200	0
Broad-shouldered water strider	Veliidae	5,200	0
Water boatman	Corixidae	5,200	0
Backswimmer	Notonectidae	5,200	0
Giant water bug	Belostomatidae	2,080	0
Alderfly	Sialidae	1,040	0
Caddisflies	Trichoptera	5,200	0
Stoneflies	Plecoptera	1,040	0
Mayflies	Ephemeroptera	5,200	0
Aquatic moths	Lepidoptera	1,040	0

HOW:	10. METHODS OF COLLECTION:	
	☐ Firearms are being used for this collection.	
	Lethal Methods: Emergence trap, activity trap, hand-netting	Species: All in Section 9
	Non-lethal Methods:	Species: None
	Salvage Methods:	Species: None
	Body-gripping traps: ☐ Padded Foot-hold ☐ Non-strangling type Foot Snare	Species: None
	Electrofishing: ☐ Backpack ☐ Boat	Species: None
	11. MARKING:	
	☐ Band ☐ Mark ☐ Other (please describe):	
	☐ Fit with radio/acoustic telemetry transmitters: Max # of Transmitters _____ Radio Frequencies/Tag Codes	
	12. DISPOSITION OF SPECIMENS:	
	☐ Display Permanent – Dead	☐ Display Temporary - Dead
	☐ Display Permanent – Live	☐ Display Temporary – Live
	☒ Tissue sampling	
	☒ Laboratory use	
☐ Live Housing Research for Laboratory use – Permanent		
☐ Live Housing Research for Laboratory use – Temporary		
☐ Immediate Release at Capture Site		
☐ Relocated to Wild (additional permits may be required; wildlife may not be captured and relocated without a permit)		
☐ Carcass disposal at site		
☐ Euthanize		
☐ Other (please describe):		

PERMIT ELIGIBILITY AND REVOCATION ATTESTATION:

☒ To be eligible for a Scientific Collection Permit, the applicant must confirm the following (check box):

- The applicant has submitted an annual report for all prior Scientific Collection Permits.
- The applicant does not have a history of fish and wildlife violations, including:
 - Has not been convicted within the last 10 years of any criminal offense under RCW 77.15 (WDFW Enforcement), RCW 76.48 (specialized forest products), or RCW 16.52 (animal cruelty);
 - Has not been found to have committed, or to have paid, any infraction for a violation of RCW 77.15 except recreational fishing under RCW 77.15.160, in the last ten years;
 - Does not have a current hunting or fishing license revocation or a current suspension of hunting or fishing license privileges in Washington or in another state.
- The applicant acknowledges that this Scientific Collection Permit may be revoked at any time if a new fish or wildlife violation is incurred or if activities conducted under this permit exceed the authorized scope (e.g., additional species, increased number of individuals, or unapproved locations) without a formal amendment.

GENERAL PERMIT CONDITIONS:

1. A Scientific Collection Permit is non-transferable.
2. A copy of this permit must be in the possession of any person exercising the privileges authorized by this permit.
3. The Permit Holder is responsible for ensuring that all Sub-Permit Holders are qualified and experienced to conduct the specified activities, including collection by firearms and comply with all conditions of this permit. Only those Sub-Permit Holder(s) listed on the permit are authorized to engage in permitted activities.
4. Please note that compliance with Scientific Collection Permit requirements and permit conditions does not ensure compliance with federal, local, or other state laws. Collection of state or federal endangered or threatened species, state sensitive species, or state or federal candidate species is prohibited unless specifically authorized in this permit. Collection of game birds or game animals is prohibited unless specifically authorized in this permit. Collection of migratory birds, marine mammals, and any species listed under the federal Endangered Species Act may require a federal permit before collecting.
For any collection/research activity of marine mammals and/or federally protected anadromous and marine fish species, etc., contact NOAA-National Marine Fisheries Service at <http://www.nmfs.noaa.gov/endangered.htm> or 503-230-5400. For any collection/research activity of migratory birds, resident fish species (Bull Trout) and/or federally protected wildlife, contact U.S. Fish and Wildlife Service at <http://endangered.fws.gov> or 360-753-9440.
5. This permit does not authorize collection from **non-WDFW** protected lands or waters (may include but not exclusive to: parks, reserves, refuges, natural areas, conservation areas, tribal lands, monuments, etc.). This permit does not authorize trespassing on private or restricted public lands. Additional permits issued by other state and local agencies, tribal governments, or landowners/managers may be required.
6. In the event archaeological resources are found or unearthed during the work allowed by this permit, Permittee shall cease work immediately and contact WDFW Cultural Resources Division Manager, Katherine Kelly at (564) 669-4238. If cultural resources are discovered, the Permittee shall comply with provisions of Chapter 27.44 RCW, Chapter 27.53 RCW and the rules and regulations of the Department of Archaeology and Historic Preservation, including compliance with all archaeological excavation permit requirements.
7. No collection shall occur in WDFW Marine Preserves or Conservation Areas (see <https://wdfw.wa.gov/fishing/management/mpa/marine-preserves> or <https://wdfw.wa.gov/fishing/management/mpa/conservation-areas>), or Wildlife Areas unless permission is obtained from the Area manager. Contact the appropriate WDFW Regional Office for information. Regional office information is listed at <https://wdfw.wa.gov/about/regional-offices>.

8. Specimens acquired under this permit remain the property of the state and will not be offered for sale or sold or used for commercial purposes or human consumption. Exchange or transfer of specimens, unless otherwise specified in this permit, requires prior written approval from the Director of WDFW.
9. Employees of WDFW have the right to inspect the collection activities authorized by this permit.
10. Vessels engaged in collection activities shall display a sign "RESEARCH," readable at 100 feet to unaided vision.
11. Permit Holders using unattended equipment must have attached to that equipment, a tag clearly marked with the permit number and name and current address of the Permit Holder. The address used may be that of the organization the Permit Holder represents, e.g., university, company, or corporation.
12. Permit holders may only use FDA approved fish anesthesia.
 - a) **MS-222** may not be used at times and in places where fish may be subject to "catch and keep" fisheries within 21 days;
 - b) **Clove oil** may not be used at all;
 - c) **AQUI-S®** may be used as an alternative to MS-222.
 - i. To use AQUI-S® 20E as an immediate release sedative in freshwater fish for field-based activities, permit holder must sign up to participate in USFWS-AADAP INAD 11-741 and must comply with the requirements as set forth in the INAD Study Protocol for AQUI-S® 20E (for more information about aquatic animal drugs, AQUI-S® 20E, or to apply to participate in USFWS-AADAP INAD 11-741 go to <https://www.fws.gov/fisheries/aadap/inads/AQUI-S20E-INAD-11-741.html> or contact the USFWS-AADAP INAD Administrator Bonnie Johnson at bonnie_johnson@fws.gov or 406-994-9905).
 - d) Carbon dioxide can be used as a fish anesthetic as per FDA rules and requires no withdrawal time;
 - e) As alternative to chemicals, electro anesthesia can be used as a fish anesthetic and requires no withdrawal time.
13. Unless otherwise specified in this permit, release of specimens is allowed only at the exact capture site immediately after capture. Release of fish and marine and freshwater invertebrates at any other site or time requires a transport, release, or planting permit. Relocating wildlife and releasing wildlife other than at the location of capture requires a special permit. The conditions of this permit may specify that no release of certain specimens is allowed. Contact WDFW Fish Program (360-902-2700) or Wildlife Program (360-902-2515) for further information.
14. Temporary holding of wildlife is permitted for identification only. Individuals must be released at site of capture, unless they exhibit evidence of disease.
15. Wildlife Salvage — Notify the WDFW immediately if any State or Federally listed Threatened or Endangered species are encountered or salvaged, and any salvaged State or Federal Threatened or Endangered Species must go to a major research collection such as WSU Conner Museum, University of Puget Sound Slater Museum of natural History, or UW Seattle Burke Museum, or as directed by the WDFW.
16. This permit does not replace any necessary federal permits you may be required to hold (Migratory Bird Treaty Act, Endangered Species Act, etc.) for activities identified within your study plan and permit.
17. Any injuries or mortalities of radio-tagged animals must be reported to WDFW veterinarians: Kristin Mansfield at kristin.mansfield@dfw.wa.gov and Katherine Haman at katherine.haman@dfw.wa.gov.
18. If a collared animal moves out of the permit-designated boundaries, the permittee must notify WDFW within 24 hours so that a permit amendment may be issued to cover the area the animal occupies. Permittee is required to share data at any time when requested by WDFW.

Reporting Requirements:

Permit renewal is contingent upon submission of a complete Annual Report. Reports must be submitted to WDFW upon completion of the display, education, or research project, or prior to a request for renewal of the permit*, whichever comes first, and a final report must be received no later than 60 days after the expiration of the permit. All reports submitted to WDFW shall include Permit Holder's name and permit number and all required information on the Annual Report Form. The Annual Report must be submitted as an MS Excel file. PDF versions are **not** acceptable. The correct downloadable Annual Report Form can be found by scrolling down the page at <https://wdfw.wa.gov/licenses/environmental/scientific-collection#>.

*If renewal application is submitted prior to completion of project or expiration of permit being renewed, a partial Annual Report may be submitted, but a complete final report must be submitted within 60 days of completion of the project or permit's expiration date.

For **anadromous fish and freshwater collections**, the report shall include the 1) Date of collection; 2) Species name (for invertebrates, to the lowest taxonomic level possible); 3) Numbers of each species encountered and/or retained; 4) Location of each sample site, including county, water body, and latitude/longitude or GPS coordinates; 5) Disposition of specimens. This information is to be recorded at each capture site and includes ALL species encountered (or impacted by the collection activity) even if not retained or meant for the study. For **marine collections**, the report shall include the 1) Date of collection; 2) Species name (to the lowest taxonomic level possible); 3) Numbers of each species encountered and/or retained; 4) Location of each sample site, including county, water body, and latitude/longitude or GPS coordinates; 5) Disposition of specimens. This information is to be recorded at each capture site and includes ALL classified and unclassified species encountered (or impacted by the collection activity) even if not retained or meant for the study. IN ADDITION for:

- i. **Rock scallops** (*Crassodoma gigantea*) include: specific location, mortality of any rock scallop during collection, exact position and depth of specimens collected, and shell length measured from edge to edge at the widest part of the shell.
- ii. **Octopus** (*Enteroctopus dofleini*) include: specific location, individual weight, depth, and sex of octopus taken.

For **wildlife collections**, the annual report shall include all categories on the Annual Report Form including the 1) Date of collection; 2) Species name (common and scientific) with numbers collected, numbers released, and disposition of individuals; 3) Location of collection including GPS coordinates, number of accidental mortalities.

SPECIAL CONDITIONS:

Aquatic Invasive Species (AIS) Conditions:

1. To prevent the spreading of aquatic invasive species (AIS), permit holder shall follow the procedures in [WDFW Protocols for Field Work Version 4 dated September 2022](#) (or the latest version of this document). For additional information on aquatic invasive species, please visit the WDFW website at <https://wdfw.wa.gov/species-habitats/invasive/prevention>.
2. Permit holder is required to humanely euthanize all collected aquatic invasive species classified as "Prohibited aquatic animal species level 1, 2, and 3" under [WAC 220-640](#) except as noted below for transport purposes. Collection of all prohibited level 1 species¹ must be reported immediately to WDFW with photos of the species and specimens saved until provided to WDFW or directed to dispose. All other prohibited AIS must be euthanized before being removed from the immediate vicinity of the water body where collected and then disposed of in a public landfill system or chemically preserved. Collection and disposal of all other prohibited AIS must be included in a report submitted to WDFW within 30 days of encounter using the online reporting form noted below.
3. Permit holder may transport live prohibited AIS outside the immediate vicinity of the water body where collected only under the following conditions:
 - a. Transport to nearest WDFW regional office or headquarters for purpose of identification; AND
 - b. Transported in a secure container to prevent release of either the AIS or any associated water, plant, sediment, animal, or other materials; OR
 - c. Transported as authorized by a separate WDFW AIS Permit secured prior to collection.
4. Contact information:
 WDFW Headquarters: 360-902-2700 and request Aquatic Invasive Species Unit Staff
 Online reporting form: <https://invasivespecies.wa.gov/report-a-sighting/>
 Toll-free: 888-933-9247

¹ Includes: Zebra mussels (*Dreissena polymorpha*), quagga mussels (*Dreissena rostriformis bugensis*), European green crab (*Carcinus maenas*), and all members of the genus *Eriocheir* (including Chinese mitten crabs), all members of the walking catfish family (Clariidae), all members of the snakehead family (Channidae), silver carp (*Hypophthalmichthys molitrix*), largescale silver carp (*Hypophthalmichthys harmandi*), black carp (*Mylopharyngodon piceus*), and bighead carp (*Hypophthalmichthys nobilis*).

Certificate Of Completion

Envelope Id: 3308F8B5-917B-4991-89C2-E912F7C3DD3C
 Subject: Please DocuSign: Scientific Collection Permit application for Anthony Lapsansky
 Source Envelope:
 Document Pages: 7
 Certificate Pages: 5
 AutoNav: Enabled
 Envelope Stamping: Enabled
 Time Zone: (UTC-08:00) Pacific Time (US & Canada)

Status: Completed

Envelope Originator:
 Scientific Collection Permit Customer Service
 1111 Washington Street
 Olympia, WA 98501
 scp@dfw.wa.gov
 IP Address: 198.238.179.9

Record Tracking

Status: Original 2/28/2025 4:46:20 PM	Holder: Scientific Collection Permit Customer Service scp@dfw.wa.gov	Location: DocuSign
Security Appliance Status: Connected	Pool: StateLocal	
Storage Appliance Status: Connected	Pool: Washington State Department of Fish & Wildlife	Location: DocuSign

Signer Events

Paige LeMaster
 scientificcollection.permits@dfw.wa.gov
 Security Level: Email, Account Authentication (None)

Signature

Signed by:

 E4F036CF9A7E483

Signature Adoption: Pre-selected Style
 Using IP Address: 198.238.179.9

Timestamp

Sent: 2/28/2025 4:46:22 PM
 Viewed: 2/28/2025 4:47:06 PM
 Signed: 2/28/2025 4:48:20 PM

Electronic Record and Signature Disclosure:
 Accepted: 2/28/2025 4:47:06 PM
 ID: c89cf722-c8a6-4b04-b509-109ea54a35f1

Anthony Lapsansky
 anthonyl@nwic.edu
 Security Level: Email, Account Authentication (None)

Signed by:

 8D4DA3C2716D485

Signature Adoption: Drawn on Device
 Using IP Address: 66.96.67.66

Sent: 2/28/2025 4:48:22 PM
 Viewed: 3/3/2025 8:51:04 AM
 Signed: 3/3/2025 8:52:13 AM

Electronic Record and Signature Disclosure:
 Accepted: 3/3/2025 8:51:04 AM
 ID: 2577890e-a1da-4f5d-82b0-159bf8550d88

In Person Signer Events	Signature	Timestamp
Editor Delivery Events	Status	Timestamp
Agent Delivery Events	Status	Timestamp
Intermediary Delivery Events	Status	Timestamp
Certified Delivery Events	Status	Timestamp
Carbon Copy Events	Status	Timestamp
Witness Events	Signature	Timestamp
Notary Events	Signature	Timestamp

Envelope Summary Events**Status****Timestamps**

Envelope Sent	Hashed/Encrypted	2/28/2025 4:46:22 PM
Certified Delivered	Security Checked	3/3/2025 8:51:04 AM
Signing Complete	Security Checked	3/3/2025 8:52:13 AM
Completed	Security Checked	3/3/2025 8:52:13 AM

Payment Events**Status****Timestamps****Electronic Record and Signature Disclosure**

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From time to time, Washington State Department of Fish & Wildlife (we, us or Company) may be required by law to provide to you certain written notices or disclosures. Described below are the terms and conditions for providing to you such notices and disclosures electronically through the DocuSign system. Please read the information below carefully and thoroughly, and if you can access this information electronically to your satisfaction and agree to this Electronic Record and Signature Disclosure (ERSD), please confirm your agreement by selecting the check-box next to 'I agree to use electronic records and signatures' before clicking 'CONTINUE' within the DocuSign system.

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If you decide to receive notices and disclosures from us electronically, you may at any time change your mind and tell us that thereafter you want to receive required notices and disclosures only in paper format. How you must inform us of your decision to receive future notices and disclosure in paper format and withdraw your consent to receive notices and disclosures electronically is described below.

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If you elect to receive required notices and disclosures only in paper format, it will slow the speed at which we can complete certain steps in transactions with you and delivering services to you because we will need first to send the required notices or disclosures to you in paper format, and then wait until we receive back from you your acknowledgment of your receipt of such paper notices or disclosures. Further, you will no longer be able to use the DocuSign system to receive required notices and consents electronically from us or to sign electronically documents from us.

All notices and disclosures will be sent to you electronically

Unless you tell us otherwise in accordance with the procedures described herein, we will provide electronically to you through the DocuSign system all required notices, disclosures, authorizations, acknowledgements, and other documents that are required to be provided or made available to you during the course of our relationship with you. To reduce the chance of you inadvertently not receiving any notice or disclosure, we prefer to provide all of the required notices and disclosures to you by the same method and to the same address that you have given us. Thus, you can receive all the disclosures and notices electronically or in paper format through the paper mail delivery system. If you do not agree with this process, please let us know as described below. Please also see the paragraph immediately above that describes the consequences of your electing not to receive delivery of the notices and disclosures electronically from us.

How to contact Washington State Department of Fish & Wildlife:

You may contact us to let us know of your changes as to how we may contact you electronically, to request paper copies of certain information from us, and to withdraw your prior consent to receive notices and disclosures electronically as follows:

To contact us by email send messages to: dfwservice@dfw.wa.gov

To advise Washington State Department of Fish & Wildlife of your new email address

To let us know of a change in your email address where we should send notices and disclosures electronically to you, you must send an email message to us at dfwservice@dfw.wa.gov and in the body of such request you must state: your previous email address, your new email address. We do not require any other information from you to change your email address.

If you created a DocuSign account, you may update it with your new email address through your account preferences.

To request paper copies from Washington State Department of Fish & Wildlife

To request delivery from us of paper copies of the notices and disclosures previously provided by us to you electronically, you must send us an email to servicedesk@dfw.wa.gov and in the body of such request you must state your email address, full name, mailing address, and telephone number. We will bill you for any fees at that time, if any.

To withdraw your consent with Washington State Department of Fish & Wildlife

To inform us that you no longer wish to receive future notices and disclosures in electronic format you may:

i. decline to sign a document from within your signing session, and on the subsequent page, select the check-box indicating you wish to withdraw your consent, or you may;

ii. send us an email to dfwservice@dfw.wa.gov and in the body of such request you must state your email, full name, mailing address, and telephone number. We do not need any other information from you to withdraw consent.. The consequences of your withdrawing consent for online documents will be that transactions may take a longer time to process..

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- Until or unless you notify Washington State Department of Fish & Wildlife as described above, you consent to receive exclusively through electronic means all notices, disclosures, authorizations, acknowledgements, and other documents that are required to be provided or made available to you by Washington State Department of Fish & Wildlife during the course of your relationship with Washington State Department of Fish & Wildlife.