

Horse Heaven Clean Energy Center Pronghorn GPS Collaring Protocol

Prepared for

Horse Heaven Wind Farm, LLC

Prepared by



February 2026

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Attachment 1 WDFW Scientific Collection Permit Number *Rahmig 26-012*

1.0 Introduction

The Horse Heaven Clean Energy Center (Project) is located approximately 4 miles south/southwest of the city of Kennewick and the larger Tri-Cities urban area along the Columbia River in unincorporated Benton County and covers approximately 72,000 acres of private land. The Washington Energy Facility Site Evaluation Council (EFSEC) executed a Site Certification Agreement (SCA) for the Project that included several mitigation measures, which require pre-construction species surveys or studies. The Certificate Holder, through coordination with the Pre-operational Technical Advisory Group, has completed a draft Pronghorn Study Plan that is intended to satisfy a portion of Mitigation Measure Spec-13, which reads:

***Spec-13 Pronghorn Antelope:** The Certificate Holder shall design and implement a study of seasonal pronghorn antelope occurrence and use of the Lease Boundary before construction and during operation to document the change, if any, of pronghorn antelope presence, abundance, and habitat use within the Lease Boundary. The Pre-operational Technical Advisory Group (PTAG) will review and provide input to the study design. The results of the study will be used to develop adaptive management measures to respond to changes in pronghorn antelope habitat use. Survey results and proposed adaptive management will be reviewed by the PTAG and TAC prior to implementation.*

The focus of the study plan is to collect data that will allow the Project to determine whether pronghorn's presence, abundance, or habitat use changes within the Project Lease Boundary during construction or operations of the facility. This study will be completed in collaboration with the Yakama Nation Wildlife Resource Management Program (Yakama Nation) and Washington Department of Fish and Wildlife (WDFW).

In order to execute the Pronghorn Study Plan, the Certificate Holder has worked with WDFW and Yakama Nation to develop a protocol for capturing pronghorn and placing GPS collars on up to 30 of them, in order to study their movements over the next several years. It is necessary to begin this study in the winter/spring 2026 to allow for the collection of baseline (pre-project) data. The Certificate Holder is submitting this Pronghorn GPS Collaring Protocol to EFSEC in order to obtain approval of this activity prior to its implementation. The Certificate Holder will submit the Pronghorn Study Plan, which includes not only a description of the GPS collaring activities, but also other survey techniques that will be used in order to fully address the information in Spec-13. The Pronghorn Study Plan also discusses the methods and statistical analyses that will be used to test whether the construction or operation of the Horse Heaven Project changes the way pronghorn use the Project Area over time.

2.0 Timing and Location of Capture

The best time to capture pronghorn or any ungulates is during the winter months. During the winter months pronghorn tend to be in herds or groups, making capture of animals more efficient.

During other times of year pronghorn typically reside in smaller groups or even as singular individuals, scattered across the landscape. Dealing with pronghorn in larger winter herds allows for easier identification of herds on the landscape and the opportunity to capture and collar multiple individuals at one time.

The collaring effort will be focused on female pronghorn, since they are the most resource intensive sex, due to the fact that they give birth and raise young. How female pronghorn use the landscape is more indicative of the long-term fitness of the herd, than males. However, males may be collared opportunistically during the capture process to help achieve the goal of placing 30 collars in the field. At the end of winter, and in early spring (March) female pronghorn begin to have young. Once they have young, or even in the late stages of pregnancy, it is not advisable to put additional stress on females during a collaring event. So collaring should be completed prior to early March whenever possible. Late summer collaring can be done, but is much less efficient for the reasons described earlier and when temperatures are higher the animals are at risk of overheating during collaring efforts.

Collaring activities will primarily occur within the Project Boundary, on lands under lease to the Certificate Holder, west of I-82. Pronghorn do not cross I-82 and therefore do not occur on the east side of the interstate highway. WDFW is coordinating potential access on other lands, outside of the Project Boundary, in locations where landowners have implemented land conservation projects in the past. Those locations would be discrete and would only be utilized in the instance that 30 pronghorn cannot be collared in the Project Boundary within the capture guidelines developed by WDFW, discussed below.

3.0 Capture Personnel

Jim Pope, the owner and lead helicopter pilot for Leading Edge Aviation has led hundreds of animal capture operations in the western U.S. Jim will be joined on the operations by four handlers (“muggers”) that use net gun to capture the animals and then deploy from the helicopter to complete the collaring process. Jim and his team have handled and collared thousands of animals including hundreds of pronghorn. Leading Edge Aviation was selected as the capture team based on a recommendation from WDFW. Leading Edge Aviation has conducted animal capture operations for WDFW in the past, including operations for mule deer, white-tailed deer, and big horn sheep.

The collaring effort will be facilitated from the ground via two Landing Zones, both of which are on private lands. Representatives from all of the groups involved are welcome to attend, those confirmed are the Certificate Holder, WDFW, Yakama Nation, who will be present on the ground during the capture activities.

4.0 Capture Process and Animal Safety Guidelines

The capture process and guidelines have been determined through coordination with WDFW statewide ungulate biologists, the WDFW Office of Veterinary Medicine, biologists from Yakama Nation, and utilizing the expertise of Leading Edge Aviation. Capture activities will be conducted under WDFW Scientific Collection Permit Number *Rahmig 26-012* (Attachment 1). While the objective of the study is to capture up to 30 pronghorn, the Certificate Holder, WDFW, and Yakama Nation have agreed that the safety of the capture team and the animals are paramount to achieving this goal. The capture team will do their best to capture as many pronghorn as they can, up to 30, during the capture day, while adhering to the terms of the Scientific Collecting Permit and the capture guidelines outlined by WDFW.

During the capture the helicopter pilot and crew will locate a target animal. That animal will be positioned in the most appropriate location for a shot. When the animal is in a location where the pilot, mugger, and gunner agree, they will go “live” and engage the animal. A net will be fired from the helicopter and entangle the animal. A mugger will then intercept the animal, hobble and blind fold it and remove it from the net. A GPS collar will be placed securely around the neck of the animal to ensure that it is not too tight to restrict normal animal use or too loose to fall off or cause irritation. Leading Edge Aviation has handled thousands of animals and are proficient at placing collars. A GPS location will be recorded for each capture and the animal will be released. Information, including the animals sex, temperature during capture, location of capture, time handled, along with ear tag number will be recorded on a data sheet and returned to the Certificate Holder and WDFW with the information each time the helicopter returns to the landing zone.

In order to ensure animal safety, animals will only be pursued in locations that are wide open and where hazards to running animals are minimal (e.g., fences and roads). As directed by the WDFW Office of Veterinary Medicine and WDFW statewide ungulate biologists, no individual or group of pronghorn will be pursued by the helicopter for more than 10 minutes. The pilot, in coordination with WDFW and Yakama Nation biologists will determine whether it is advisable to pursue an individual or group on more than one occasion in a single day, based on temperature, overall weather conditions, and body temperature of other animals that have been handled. Longer pursuits can result in animals overheating from running and may result in death. Once an animal is netted and the handlers subdue it, the animal will not be restrained for more than 4 minutes. While the collaring activity is occurring the temperature of the animal will be monitored and if the temperature exceeds 105 degrees Fahrenheit the animal will be released.

During the processing of an animal, if it appears that the 4 minute time limit is going to be exceed, the mugger will assess the body temperature and overall animal response and condition and make a decision, prior to reaching the 4 minute mark, regarding whether to hold the animal past 4 minutes to finish processing, or to release the animal. When animals are handled, placing the collar is the first action following removal of the net so that if anything occurs that might delay the processing of the animal, the animal can be released at any time and the collar will be in place and

the animal can be tracked. Application of ear tags and collecting additional data about animal condition come secondary to collar placement.

If any animals are injured during the capture process, Leading Edge Aviation will determine if it is a fatal injury based on guidelines provided by the WDFW Office of Veterinary Medicine and through dialogue with the biologists from WDFW and Yakama Nation and follow the euthanasia protocol outlined by the WDFW Office of Veterinary Medicine, should that be necessary. If necessary, euthanasia will consist of a gunshot to the head.

5.0 Post-Capture

Once the GPS collar is placed on the animal it will begin emitting a signal which, when connected to satellites, will provide a beacon location. The collars will emit a location every two hours, or 12 times per day. The data then uploads to a cloud-based server every 24 hours. The data are available to view in real time, on a password protected web-based interface, to the Certificate Holder and their consultants, WDFW, the Yakama Nation, and EFSEC. During the baseline data collection period data will be collected but minimal analyses will be completed. Once Project construction and operations begin, data will be analyzed to determine whether Project-related activities are influencing pronghorn behavior on the landscape. The details of those analyses are described in the Horse Heaven Pronghorn Study Plan, under separate cover.

The study is expected to run for at least six years, that includes two years of baseline preconstruction, two years of construction, and the first two years of operations. Since the collars have small solar panels attached, that allow for the internal battery to recharge, it is likely that the life of the collar batteries will outlast the life of the animal. The collars will be retrieved once a mortality signal is issued. There is no plan to recapture animals to remove collars during the study. If the study period ends, and collars remain on animals, those collars will continue to be tracked and supported, and will be recovered once a mortality signal is received, even if it is after the end of the study period.

Attachment 1

WDFW Scientific Collection Permit Number *Rahmig 26-012*



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, Troy Rahmig, 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): RAHMIG 26-012

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:

4E2ADB9D05894F3...
Troy Rahmig
troy.rahmig@tetrattech.com
2/5/2026 | 10:13 AM PST

Signed by:

E4F036CF9A7E483...
Shakiah Grods
scientificcollection.permits@dfw.wa.gov
2/4/2026 | 1:48 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 1

E-mail: scp@dfw.wa.gov

Permit Number (WDFW Use Only): RAHMIG 26-012

WHO:	1. APPLICANT INFORMATION			
	Name: Troy Rahmig		Agency: Tetra Tech	
	Phone Number: 408-677-8031		Mailing Address: 1750 S Harbor Way	
	E-mail: troy.rahmig@tetratech.com		City: Portland	State: OR
	Zip Code: 97201			
	2. SUB-PERMIT HOLDERS (cont. at bottom of application)			
	NAME/PHONE NUMBER:		NAME/PHONE NUMBER:	
	Jim Pope 208-790-2121			
	Michael Atchison 208-870-9704			
	3. THIS APPLICATION IS:			
	<input checked="" type="checkbox"/> New		<input type="checkbox"/> Renewal of last year's Permit #	
	<input type="checkbox"/> Amendment to Permit # _____			
	4. PURPOSE OF COLLECTION OR HANDLING			
	<input type="checkbox"/> Instruction/Education Display			
	<input checked="" type="checkbox"/> Research/Scientific Investigation (includes ELECTROFISHING)			
	<input type="checkbox"/> Salvage (deceased animals only)			
	<input type="checkbox"/> Fish Rescue/Relocation			
	5. RESEARCH OBJECTIVES: (Research only)			
	<input type="checkbox"/> Aging	<input checked="" type="checkbox"/> Behavior	<input type="checkbox"/> Physiology	<input type="checkbox"/> Artificial Propagation
	<input type="checkbox"/> Census	<input checked="" type="checkbox"/> Presence/Absence	<input checked="" type="checkbox"/> Population Distribution	<input type="checkbox"/> Life History
<input type="checkbox"/> Pathology	<input type="checkbox"/> Genetic	<input type="checkbox"/> Water Typing		
<input type="checkbox"/> Other: _____				

WHEN:	6. PERMIT TIMELINE*:	
	Permit start date: 02-04-26	Permit end date: 08-31-26
	(WDFW use only) Permit Valid Until: 31 AUGUST 2026	*SCPs are valid for a maximum of 12 months.

7. TYPE OF ANIMALS TO BE COLLECTED OR HANDLED:				
<input checked="" type="checkbox"/> Wildlife		<input type="checkbox"/> Fish	<input type="checkbox"/> Terrestrial invertebrates	<input type="checkbox"/> Aquatic Invertebrates – indicate below: <input type="checkbox"/> Marine <input type="checkbox"/> Freshwater
8. SPECIFIC TYPE(S) (check all that apply):				
Wildlife		Fish		
<input type="checkbox"/> Non-Raptor Birds		<input type="checkbox"/> Marine Fishes		<input type="checkbox"/> State and/or Federal Threatened or Endangered Species
<input type="checkbox"/> Raptors		<input type="checkbox"/> Freshwater Fishes		Species Detail: _____
<input checked="" type="checkbox"/> Mammals		Proof of Federal Authorization (Permit # or BiOP):		
<input type="checkbox"/> Bats		Required for raptor and non-raptor birds		
<input type="checkbox"/> Reptiles/Amphibians		_____		
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
Common Name	Scientific Name	Body of Water for Aquatic Species WDFW Wildlife Area Unit and/or Water Access Sites		Max # of Non-lethal Take or Salvage
Pronghorn	<i>Antilocapra americana</i>	Benton and Klickitat Counties		0
				30

HOW:	10. METHODS OF COLLECTION:			
	<input type="checkbox"/> Firearms are being used for this collection.			
	Lethal Methods:	Species: None		
	Non-lethal Methods:	Species:		
	Capture from helicopter with net gun, and affixing of GPS collar	Pronghorn		
	Salvage Methods:	Species: None		
	Body-gripping traps:	<input type="checkbox"/> Padded Foothold <input type="checkbox"/> Non-strangling type Foot Snare		Species: None
	Electrofishing:	<input type="checkbox"/> Backpack <input type="checkbox"/> Boat	Species: None	
11. MARKING:				
	<input type="checkbox"/> Band <input type="checkbox"/> Mark <input type="checkbox"/> Other (please describe):			
	<input checked="" type="checkbox"/> Fit with radio/acoustic telemetry transmitters: Max # of Transmitters <u>30</u> Radio Frequencies/Tag Codes			
12. DISPOSITION OF SPECIMENS:				
	<input type="checkbox"/> Display Permanent – Dead	<input type="checkbox"/> Display Temporary - Dead		
	<input type="checkbox"/> Display Permanent – Live	<input type="checkbox"/> Display Temporary – Live		
	<input type="checkbox"/> Tissue sampling			
	<input type="checkbox"/> Laboratory use			
	<input type="checkbox"/> Live Housing Research for Laboratory use – Permanent			

<input type="checkbox"/> Live Housing Research for Laboratory use – Temporary
<input checked="" type="checkbox"/> Immediate Release at Capture Site
<input type="checkbox"/> Relocated to Wild (additional permits may be required; wildlife may not be captured and relocated without a permit)
<input type="checkbox"/> Carcass disposal at site
<input type="checkbox"/> Euthanize
<input type="checkbox"/> Other (please describe):

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. Compliance with this Scientific Collection Permit and its conditions does not guarantee compliance with federal, local, or other state laws. It is the permit holder's responsibility to obtain all other permits and permissions required to conduct the work. This permit does not replace any federal permits that may be necessary (e.g., under the Migratory Bird Treaty Act or Endangered Species Act).

For any collection/research activity of or impacting 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 or impacting 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. This permit does not allow entry onto private or restricted public lands. You may need extra permits from state or local agencies, tribal governments, or landowners.
7. 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.
8. No collection shall occur in WDFW Marine Preserves or Conservation Areas (see [WDFW Marine Preserves](#) or [WDFW 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 [WDFW Regional Offices](#). **If you are working on one or more Washington Wildlife Areas, you must coordinate with Wildlife Area Managers regarding fire restrictions (July 1 through September 30) and access to gated roads.**
9. 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.
10. Employees of WDFW have the right to inspect the collection activities authorized by this permit.
11. Vessels engaged in collection activities shall display a sign "RESEARCH," in at least 10" tall letters, readable at 100 feet to unaided vision.

12. 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.
13. 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.
14. 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.
15. Temporary holding of wildlife is permitted for identification only. Individuals must be released at site of capture, unless they exhibit evidence of disease or are mortally injured.
16. Wildlife Salvage — **Permit holders must notify WDFW staff on site immediately if captured wildlife are severely or mortally injured and could be salvaged.** 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.
17. Animal capture and handling procedures shall be provided by WDFW and must be adhered to during capture and collaring activities. 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, and to any WDW staff that may be present at the staging area during capture operations (contact information will be provided prior to capture and collaring activities).
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.
19. Unless stated otherwise in this permit, permit holders must comply with the recreational fishing gear regulations outlined in the [Washington State Recreational Fishing Seasons and Regulations pamphlet](#).

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. If more time is required to submit an annual report, permittee must contact WDFW to ask for an extension. 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:

Telemetry Standard Condition:

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.

1. **Prior to radio-tagging animals**, you must first contact the District Biologists responsible for the counties within which you are working to coordinate frequencies:

Jason Fidorra, District 4 Biologist
Benton and Franklin Counties
509-545-2201

Stefanie Bergh, District 9 Biologist
Clark, Skamania and Klickitat Counties
509-493-2473

2. **After tagging the animals**, you must notify the District Biologist with whom you worked and the contact designated below within 30 days post-release. Notification must be in writing (email is sufficient) and include: the species, location and radio frequency used.

Karen Lohman
WDFW Wildlife Science Program
P.O. Box 43141
Olympia, WA 98504-3141

e-mail: karen.lohman@dfw.wa.gov

Certificate Of Completion

Envelope Id: 3DB3B2EE-5115-4C8D-A533-306F427AA65D

Status: Completed

Subject: Please DocuSign: Scientific Collection Permit application for Troy Rahmig

Source Envelope:

Document Pages: 6

Signatures: 2

Envelope Originator:

Certificate Pages: 5

Initials: 0

Scientific Collection Permit Customer Service

AutoNav: Enabled

1111 Washington Street

Envelopeld Stamping: Enabled

Olympia, WA 98501

Time Zone: (UTC-08:00) Pacific Time (US & Canada)

scp@dfw.wa.gov

IP Address: 198.99.101.242

Record Tracking

Status: Original

Holder: Scientific Collection Permit Customer

Location: DocuSign

2/4/2026 1:41:13 PM

Service

scp@dfw.wa.gov

Security Appliance Status: Connected

Pool: StateLocal

Storage Appliance Status: Connected

Pool: Washington State Department of Fish & Wildlife

Location: Docusign

Signer Events

Signature

Timestamp

Shakiah Grods

scientificcollection.permits@dfw.wa.gov

Security Level: Email, Account Authentication (None)

Signed by:

E4F036CF9A7E483...

Sent: 2/4/2026 1:41:14 PM

Viewed: 2/4/2026 1:43:15 PM

Signed: 2/4/2026 1:48:04 PM

Signature Adoption: Pre-selected Style

Using IP Address: 198.99.101.242

Electronic Record and Signature Disclosure:

Accepted: 2/4/2026 1:43:15 PM

ID: 05fa9961-d52e-4126-bdc2-853121a06349

Troy Rahmig

troy.rahmig@tetrattech.com

Security Level: Email, Account Authentication (None)

Signed by:

4E2ADB9D05894F3...

Sent: 2/4/2026 1:48:05 PM

Viewed: 2/5/2026 10:12:58 AM

Signed: 2/5/2026 10:13:30 AM

Signature Adoption: Pre-selected Style

Using IP Address: 73.35.140.36

Electronic Record and Signature Disclosure:

Accepted: 2/5/2026 10:12:58 AM

ID: 6bc14a2a-1406-475e-9410-161cec5ff961

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	2/4/2026 1:41:14 PM
Certified Delivered	Security Checked	2/5/2026 10:12:58 AM
Signing Complete	Security Checked	2/5/2026 10:13:30 AM
Completed	Security Checked	2/5/2026 10:13:30 AM

Payment Events	Status	Timestamps
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Electronic Record and Signature Disclosure

ELECTRONIC RECORD AND SIGNATURE DISCLOSURE

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.

Getting paper copies

At any time, you may request from us a paper copy of any record provided or made available electronically to you by us. You will have the ability to download and print documents we send to you through the DocuSign system during and immediately after the signing session and, if you elect to create a DocuSign account, you may access the documents for a limited period of time (usually 30 days) after such documents are first sent to you. After such time, if you wish for us to send you paper copies of any such documents from our office to you, you will be charged a \$0.00 per-page fee. You may request delivery of such paper copies from us by following the procedure described below.

Withdrawing your consent

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.

Consequences of changing your mind

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..

Required hardware and software

The minimum system requirements for using the DocuSign system may change over time. The current system requirements are found here: <https://support.docusign.com/guides/signer-guide-signing-system-requirements>.

Acknowledging your access and consent to receive and sign documents electronically

To confirm to us that you can access this information electronically, which will be similar to other electronic notices and disclosures that we will provide to you, please confirm that you have read this ERSD, and (i) that you are able to print on paper or electronically save this ERSD for your future reference and access; or (ii) that you are able to email this ERSD to an email address where you will be able to print on paper or save it for your future reference and access. Further, if you consent to receiving notices and disclosures exclusively in electronic format as described herein, then select the check-box next to ‘I agree to use electronic records and signatures’ before clicking ‘CONTINUE’ within the DocuSign system.

By selecting the check-box next to ‘I agree to use electronic records and signatures’, you confirm that:

- You can access and read this Electronic Record and Signature Disclosure; and
- You can print on paper this Electronic Record and Signature Disclosure, or save or send this Electronic Record and Disclosure to a location where you can print it, for future reference and access; and
- 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.