

General Permit - GP

RESEARCH PERMIT
FEE \$ NIL

Region: North Saskatchewan/Red Deer

PERMITTEE: Dr. Colleen Cassady St. Clair, University of Alberta

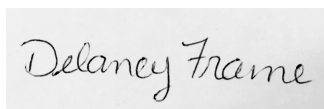
ADDRESS: Biological Sciences, University of Alberta, Edmonton, AB T6G 2E9

IS AUTHORIZED TO: Conduct aversive conditioning (hazing) of coyotes within the City of Edmonton as part of the urban Coyote Project. Set up trail cameras including locations near coyote den sites.

DATE OF ISSUE: January 07, 2021

DATE OF EXPIRY: December 31, 2021

Signature of Permittee



Delaney Frame

IN ACCORDANCE WITH: The approved research plan (application # 19412266) and Class Protocol(s) #011

Class Protocols are reviewed by the Alberta Wildlife Animal Care Committee and approved by the Director of Fish and Wildlife Policy. Class Protocols are available at <http://aep.alberta.ca/fish-wildlife/wildlife-research-collection/default.aspx>.

Conditions:

1. The Permit is subject to all conditions listed in the attached Appendix 1.
2. Volunteers will be identified by a marked arm band and names of authorized volunteers will be kept by the permittee on a master list. Volunteers will also carry paperwork provided by the permittee identifying them as authorized volunteers (i.e. 'Volunteer Reference Guide').

Licence - CN

COLLECTION LICENCE
FEE \$ NIL

Region: North Saskatchewan/Red Deer

NAME: Dr. Colleen Cassady St. Clair, University of Alberta

ADDRESS: Biological Sciences, University of Alberta, Edmonton, AB T6G 2E9

Is authorized, subject to the conditions of this licence, and in accordance with the approved research plan # 19412266, to hunt* or collect, the following wildlife species: Coyotes within the City of Edmonton

This Licence authorizes the use of the following equipment and methods: Project 1: tennis balls weighted with sand and fitted with flagging tape to throw in the direction of coyotes; can of coins to make noise; stick or umbrella to erect and wave as an offensive tool or as protection in case a defensive tool is needed. Coyote distance will be estimated with cut-out squares that permit personnel to estimate distance to within 10 m. Project 2: instant camera to photograph tracks; standard equipment for vegetation sampling; remote cameras

This Licence is valid (location): North Saskatchewan/Red Deer

EFFECTIVE DATE: January 11, 2021

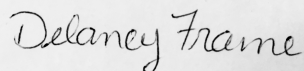
DATE OF EXPIRY: December 31, 2021

Hunting and/or collection is to be conducted by: Dr. Colleen Cassady St. Clair, Gabrielle Lajeunesse (Project 1), Sage Raymond (Project 2), Volunteers as identified by visual armband and named on approved list kept by project lead.

Date of issue: January 07, 2021

Signature of Licencee (not valid until signed by the Licencee)

Licence must be carried while hunting or collecting.



Delaney Frame

**The meaning of the word "hunt" is inclusive of activities within the definition of "hunt" in the Wildlife Act except that the activity authorized by this licence is limited to what is expressly stated in it and, to be lawful, that activity must occur in accordance with the approved research plan and licence conditions.*

Conditions:

1. Volunteers will be identified by a marked arm band and names of authorized volunteers will be kept by the permittee on a master list. Volunteers will also carry paperwork provided by the permittee identifying them as authorized volunteers (i.e. 'Volunteer Reference Guide').



Appendix 1: Research Permit General Permit Conditions

Addendum to Research Permit #21-027

1. The permit is valid only for research and collection activities in the specific area and for the dates identified on the permit.
2. All research must be conducted according to the approved Research Plan (the approved application) along with any special conditions outlined on the permit and/or licence; all captured animals must be handled in a humane manner and according any additional approvals or instructions provided by the Alberta Wildlife Animal Care Committee.
3. Animals captured using immobilization drugs must follow the Chemical Immobilization of Wildlife: Drug Volume Calculation Tables: <http://aep.alberta.ca/fish-wildlife/wildlife-research-collection/documents/WR-ChemicalImmobilizationWildlife-DrugVolumeCalculation-2016.pdf>
4. For all projects, a report of activities from the past year is required before permits will be renewed. If the project has finished and the permit will not be renewed, the report is due within 30 days of the expiry of the permit. Reports are to be uploaded via the Online Permitting and Clearance system (OPaC) <https://www.opac.alberta.ca/>, and must include:
 - a) A Progress Report with a general summary of project activities
 - b) All wildlife observations made during the project, uploaded via OPaC using either:
 - i) a FWMIS Load Form (for the appropriate data type), or
 - ii) where USFWS bands are used in the project, a BANDIT digital export. Note: Banding data locations are to be provided as Latitude/Longitude in Degrees-Minutes-Seconds.

FWMIS.xls digital files can be accessed at the following web site:
<https://www.alberta.ca/wildlife-loadforms.aspx>

 - c) Any accidental mortalities, oversampling exceeding 10%, and incidental captures.
 - d) If radio telemetry is a component of the research, the report must include the following information:
 - i) frequencies used, date, general location, species, transmitter type, manufacturer, and expected transmitter life.
 - ii) last known whereabouts of transmitters still deployed.
5. Notwithstanding the authorization that this permit confers, while conducting wildlife research activities, the permit holder is responsible for the following:
 - a) For activities in any Provincial Park, Ecological Reserve, Wildland Provincial Park, Natural Area, or Wilderness Area, additional approvals for access may be required; please contact your local Alberta Environment and Parks, Parks Division authority or visit <https://albertaparks.ca/albertaparksca/science-research/>
 - b) The issuance of this Permit does not exempt the permit holder from any other Canadian Laws that might otherwise apply, including, but not limited to, requirements under the federal Migratory Birds Convention Act or Species at Risk Act.
 - c) This Permit does not exempt the Permit Holder from the need to obtain permission to access private or leased land.
 - d) The Permit Holder is responsible for ensuring that public safety is not endangered by activities associated with the project.
 - e) The Permit Holder may be held accountable for damages to resources or property arising directly or indirectly from the project.