

**g) Email:**

### Area G: Wilmer to Spillimacheen

MAR 10 2022

## **2. Purpose of Grant.**

Provide a clear description of the nature of the project and how the grant will be used.

Over the past two summers (2020 and 2021), the Baynes Lake Community Society (BLCS) investigated what could be done to reduce the number of turtles being killed by vehicles on the Baynes Lake Jaffray Road. BLCS applied for and received a grant from the Fish & Wildlife Compensation Program (FWCP) and in 2020 a small project conducted citizen science to determine where the turtles were being killed on the road. The Ministry of Transportation and Infrastructure donated the funds for a culvert and the installation was completed in 2021.

A second grant was applied for through FWCP as a multi year project and the first of a 3-year project was received to cover the cost of two students working through the summer of 2021. The students attached transmitters to 10 turtles and tracked their movements throughout the summer. The students also captured and notched turtles to produce a population estimate of the various kettle ponds within the vicinity of where the turtles were crossing the road. By the end of the summer, the project team determined more information was needed on where the fencing should be placed to guide the turtles into the culvert and prevent them from crossing the road as well as where the turtles were nesting.

The third grant from FWCP was denied due to fierce competition for grants. The project manager for the turtle project spoke with FWCP and received valuable feedback on the application and will re-apply for the summer of 2023.

However, this summer represents a valuable opportunity for data to be collected and position the project for success at reducing the number of turtles being killed. (Last year a pregnant female was run over by a vehicle and all her eggs were destroyed.)

The project has been able to raise some of the funds to hire 2 students. We have some funds from the Columbia Basin Trust (CBT) and FWCP have agreed to extend our project so we could use unspent funds from 2021. Thompson Rivers University has agreed to hire and supervise the students and the Ministry of Environment and Climate Change has agreed to lend the support of Leigh Anne Isaac as the Climate Change, Small Mammal and Herpetofauna Specialist. The Tobacco Plains Indian Band is also looking into the opportunity to support the project. They have our student job description and will see if they have any students interested and if they have any funds to support the project.

This year's project would forgo mark/recapture work and focus on telemetry work (to identify nesting habitat, road crossing spots and summer aquatic habitat use), tunnel use, and monitoring of aquatic habitat. If possible, water gauges would also be used in all known water bodies and document changing levels over the summer.

The funds requested from RDEK would be used towards payment of student wages.

## **3. Areas Benefitting.**

List the specific areas that will benefit from the grant.

The town of Baynes Lake and surrounding communities would benefit from the grant. Surrounding communities include Jaffray, Grasmere, and Tobacco Plains Indian Band.

**4. Benefits.**

Describe how the project will benefit the areas listed in section 3, including the residents of those areas, and how the project meets local needs.

Residents of Baynes Lake and surrounding communities use the Baynes Lake Jaffray Road as a corridor between Highway 93 and Jaffray. This project was brought to attention by a resident of Baynes Lake who is a member of the Baynes Lake Community Society and represents citizen concerns in the area. In 2019, residents were alarmed by the large number of turtles being killed by road traffic. Addressing these concerns will benefit the community by addressing their concerns about the turtle's wellbeing.

In addition, as this area is home to many kettle ponds and assessing the habit and population of these turtles will provide valuable information and build capacity for future studies of this blue listed species. Data has been collected that will benefit other studies in the area including Kikomun Park and Tobacco Plains Indian Band.

Finally, efforts to reduce road mortality of the Western Painted Turtle, has provided community engagement, education and knowledge sharing. The project has enrolled volunteers, FWCP produced a video, a radio station (My East Kootenay Now) interviewed the students, 2 booths were manned at the Baynes Lake Market, year end presentations were made to the community, and an experiential session was held for the kindergarten class from Jaffray at Kikomun Park.

**Section C – Required Additional Information**

All applications **must** include the following additional information:

**Project Budget**

- Provide a budget detailing revenue, expenditures and in-kind contributions. The budget must clearly show all funds received from other sources.

**Project Partners**

- Identify any partners or resources which will be assisting you during this project.

*Additional information is not to exceed 6 single-side pages or 3 double-side pages.*

Proposals may be submitted by mail, email, fax or dropped off to:

Attention: Corporate Services  
Regional District of East Kootenay  
19 – 24 Avenue South, Cranbrook BC V1C 3H8

Email: corporateservicesdept@rdek.bc.ca

Fax: 250-489-3498

The Discretionary Grants-in-aid Policy has been included with the application for your reference.

## Discretionary Grants-in-Aid Application

### Section C

#### Project Budget

Item	Cost	In-Kind Costs	Cost to Project
Ministry of Environment and Climate Change Strategy - Leigh Anne Isaac	\$5,000	\$5,000	0
Thompson Rivers University Karl Larsen	\$2,000	\$2,000	0
Kymme Paul PM	\$3,000	\$3,000	0
MOTI	\$1,500	\$1,500	0
Housing	\$4,000	\$4,000	0
Student Wages (Minimum)	\$22,898	0	\$22,898
Transmitters	\$2,000	\$2,000	0
Car Mileage	\$1,200	0	\$1,200
Equipment	\$300	0	\$300
<b>Total</b>	<b>\$41,898</b>	<b>\$17,500</b>	<b>\$24,398</b>

#### Project Partners

In addition to the above partners providing in-kind support, the project has funds from Fish & Wildlife Compensation Fund (Both unspent funds from 2021 grant and a grant towards wages providing a student from Ktunaxa Nation is hired to the project), Columbia Basin Trust and a scholarship through Thompson Rivers University. These funds may also be supplemented through other grant applications in progress.

Organization	Funds Confirmed
CBT	\$5,000
FWCP	\$6,477.96
Scholarship	\$6,000
FWCP (KN)	\$1,500
<b>Sub Total</b>	<b>\$18,977.96</b>
<b>Minimum Funds still required</b>	<b>\$5,420.04</b>

Pictures from top left clockwise. Turtle crossing the Baynes Lake Jaffray Road, Turtle looking for nesting site, student measuring and documenting turtle size, and students at the Baynes Lake Market.

