

# GIS & Traditional Knowledge

RC Training, Support & Resources Workshop

March 18, 2021



# Introduction

A First Nations organization dedicated to serving and supporting First Nations communities who want to re-establish control over their lands, natural resources, and environment through the historic government-to-government *Framework Agreement on First Nation Land Management*.

RC was established by the LAB to undertake its technical responsibilities to FNs, through:



*"Supporting First Nations to exercise their Inherent Right to govern their Lands, Environment and Resources."*

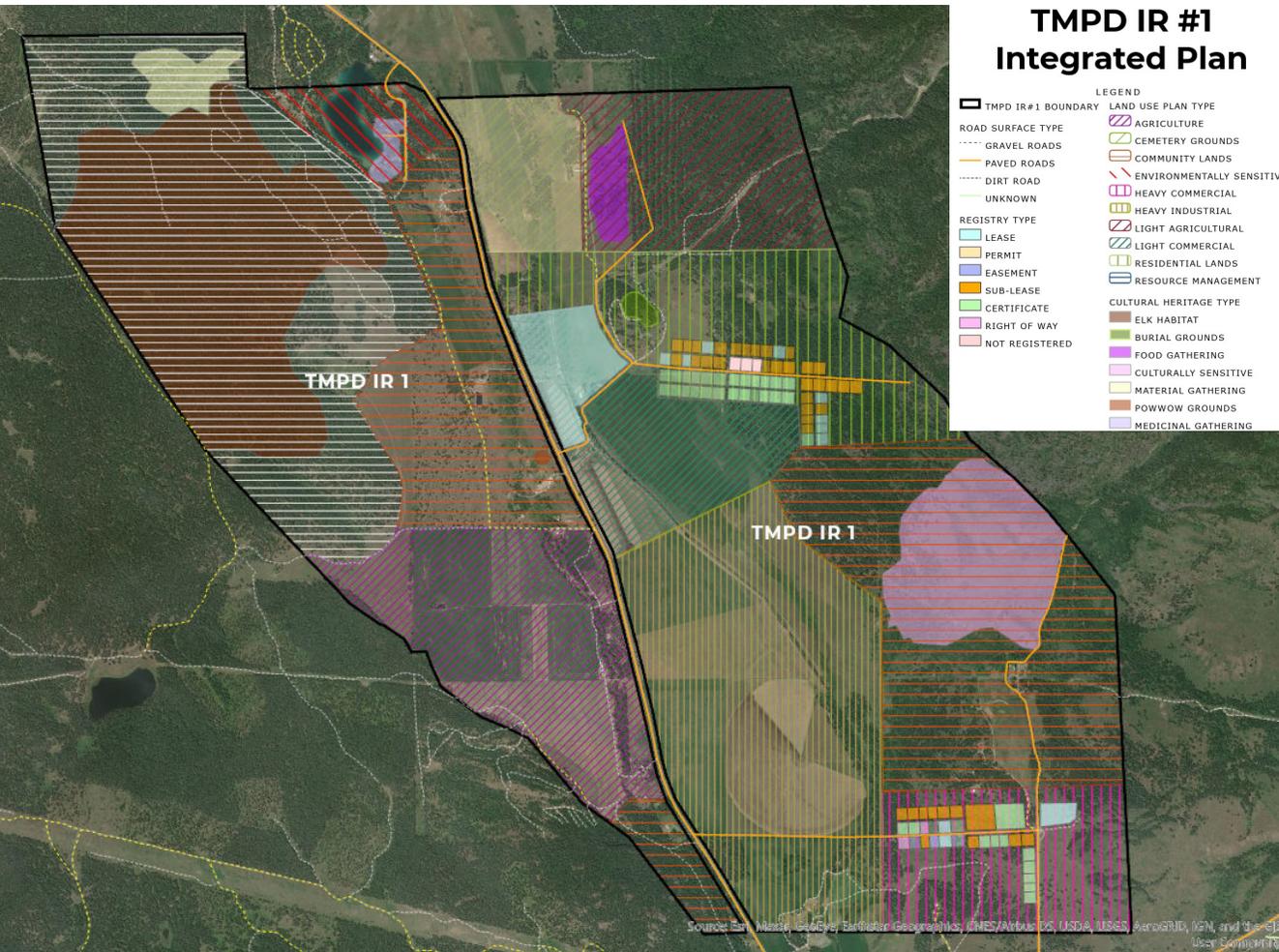
# Presenters



**Leeanna  
Rhodes**  
GIS Specialist



**Zara Contin**  
Specialist,  
Traditional  
Knowledge



## GIS as a tool for Land Governance under the Framework Agreement

### Some GIS Assistance includes:

- GIS Needs Assessments
- Data Inventory
- GIS Standards
- FNLRS Spreadsheets to GIS Layer
- Other GIS related support
  - Creating layers, set scales, gps data
  - Data formats in and out
  - Digitizing from old hard copy maps etc.



## Assistance with your GIS and Integrated Planning?

- Housing and Land Use Planning
- Climate Informed Planning
- Emergency Management Planning
- Traditional Use Study Results Mapping
- Placenames Mapping



LAND DESCRIPTION  
& SURVEY



LAND USE  
PLAN



## What Is Traditional Knowledge:

- A whole system of knowledge that supports life.
- Honour the history of communities
- Support revitalization of Language & Culture
  
- Engage in Traditional Use of land management
- Protect Traditional Knowledge

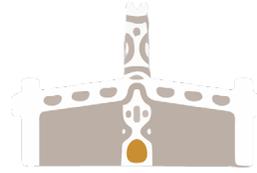




## Why undertake a Traditional Knowledge approach in the planning process?



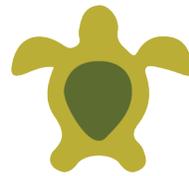
- Incorporating Traditional Knowledge into Land Use Studies/Planning



- Reviewing Lands Governance Planning documents from a traditional knowledge perspective



Capturing knowledge – Language, storytelling, oral history, traditions, environmental knowledge



Using historical evidence to support claims and negotiations in resource management



# SUPPORT



## GIS and Traditional Knowledge Supports



GIS AND TK WORKSHOPS

GIS ONLINE COURSES

LAND GOVERNANCE  
MANUAL – GIS CHAPTER

KNOWLEDGE REPOSITORY  
– GIS & TK RESOURCES

DIRECT COMMUNITY  
SUPPORT

## **Database Templates**

- Land Use Planning
- Traditional Knowledge
- Road names and House numbers

## **Other GIS Tools**

- GIS Courses with How to Videos
- GIS Fonts and Picture Markers
- GIS Terminology
- GIS Resources online
- GIS FAQ
- GIS OS Data Management

## **One on One GIS Support**

- GIS Working Group Meetings
- Do not hesitate to call anytime

## **Traditional Knowledge**

- Integration of Traditional Use Studies
- One on one support
- Support revitalization of language and culture

## **Database Templates**

- Traditional Knowledge Archive Database
- TUS database
- Placenames Database

## **Other TK Support**

Upcoming: Decolonization Webinar

# Questions & Discussion



# SUMMARY - How to access support

First Nation  
Requests Support



RC Support  
Technicians  
/ Managers



## Land Code Governance

GIS &  
Traditional  
Knowledge

Communication  
& Public  
Relations

Environment

Surveys &  
Legacy Issues

Land  
Registry

Land Use  
Planning

Solid Waste  
Management

Law  
Development &  
Enforcement

LGM &  
Knowledge  
Path Tools