



Hello and Welcome back to our update on our Nlaka'pamux Environmental Management Program! Its nice to finally meet face to face. This is a bit different from most sessions are first session that we are attempted virtual and in person. My name is Marsha Spence, and I will be presenting today. I am the Cumulative Effects Coordinator for LNIB's Economic Development Department. My job is to coordinate the development of the Nlaka'pamux Environmental Management Program. If my other team members could please introduce themselves Leesa Mike, Marc d'Entremont, Monica Charters. It will mainly be focus on what we discussed the last few month and the future direction of the program. This is our 6th community engagement session the last one was July 29, 2021. We would like to record this session for quality assurance, and for members who can't make the presentation today. If anyone has any objections to this, please let us know.



# Presentation Summary

1. Nlaka'pamux Environmental Management
2. Project Timeline
3. Phase 1: Summary
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  - I. Mapping Exercise
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  - III. Environmental Values Update
5. Online Survey Results
6. Monitoring Programs Overview
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On today's session we will covering (Slide) As per most of our sessions there is two hours allotted. This presentation will take approximately hour giving time at the end for discussion and feedback.

We want to make this session as interactive as possible. We will be having door prizes and draws at today's session.

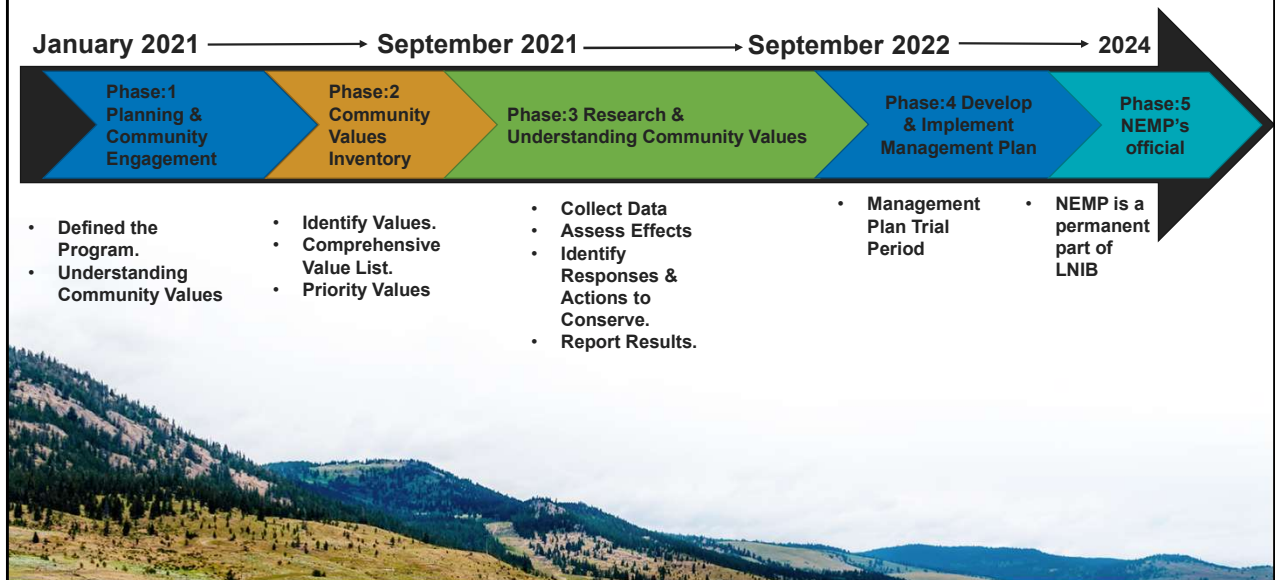


The Nlaka'pamux Environmental Management Program came about to understanding changes in our environment caused by human and natural activities. Are approach will be a community value based natural resource management system that will hope to protect, restore and better manage our resources. For us and our future generations.

The Program is guided by four key activity areas related to environmental monitoring:

1. Work with LNIB members to understand key monitoring and research priorities based on community values
2. Conduct monitoring and research of environmental activities
3. Identify opportunities to protect community values
4. Assess the impacts and effects over time
5. Communicate results to decision-makers and community members

# Nlaka'pamux Environmental Management Program Timeline



The NEMP was initiated early in 2021 and involved setting the strategic direction for the program and initiating a communication plan to ensure community engagement was effective and inclusive. This was implemented in Phase 2 and included the engagement sessions mentioned previously. There are 5 phases to the program, and we are currently in Phase 2 and will be moving into Phase 3 this fall and winter, although we will continue to engage with you throughout the program and will revisit community values throughout.

# Phase 1: Summary

## Information gathering

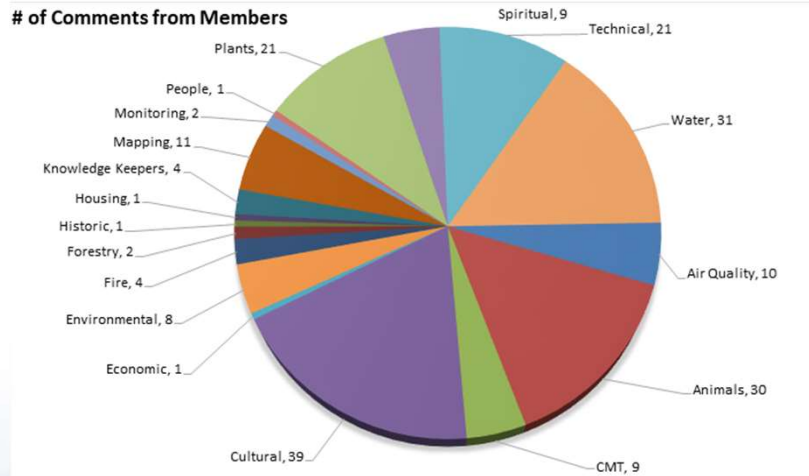
- I. Internal resource
- II. Data base
- III. Policies

## Defining the program

- I. Technical Aspects

## Understanding community values

- I. What values are important to members.



As mentioned in the previous slide Phase 1 is complete. We will be taking (Slide) and implement these into to next phases. Would like to mention if you don't see something specific under the comments chart. For Example, Language for now its just populated in the culture value but is not misplaced its is still apart of the values. 205 comments from community members which shows many interests or as we like to refer to as community values.





## Phase: 2 Break Down

### Community Values Inventory

- Identify Priority Values
- Condition of the Values?
- How will changes to these Values be measured?

In Phase 2 we take the Community Value identified with member throughout are sessions and work to identify priority values. We are compiling information on the condition or status of these values. We are also brainstorming on how we can measure these values.

With some of the research we have done for the community engagements sessions throughout the previous months we have started to see some knowledge or information gaps. Later in the presentation I will talk about some of the limitations we have with some resources internally but what we hope to address these in the future.

Mapping as a tool phase 2: implemented survey to helps us understand all member community Values.



Here is the mapping component for more of a visual effect. We have added a lot more features Monica will pull up on the screen and go through each layer.

# Mapping Information Sharing

## Historic:

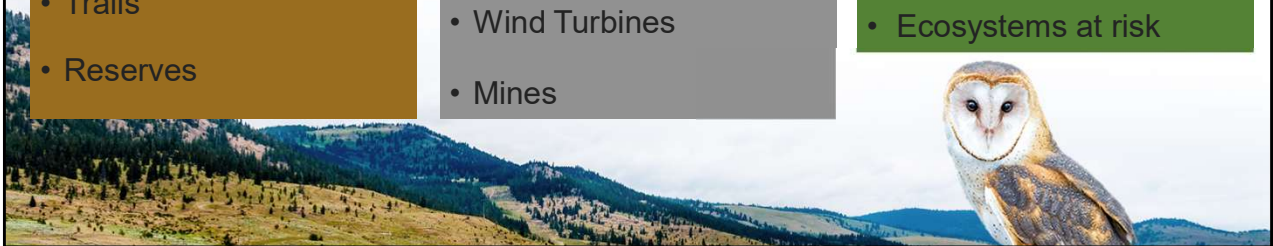
- Historical Fires
- Cultural Heritage Sites
- Gathering Sites
- Trails
- Reserves

## Industrial:

- Oil & Gas Permits
- Agriculture (Farming)
- Forestry New-Old
- Wind Turbines
- Mines

## Endangered Species:

- Animals
- Plants
- Aquatic Species
- Critical Habitat
- Ecosystems at risk



As you see at the back table, We separated these maps and made hard copies, into three different categories. Just for a better visual there are many layers. There are post it available for you to add comments or questions. And notify us if you think we are missing. Some of the information. Gaps found was the lack of information out there to better understand the locations of site-specific plant species. Some information was not able to be presented due to confidentiality restraints.

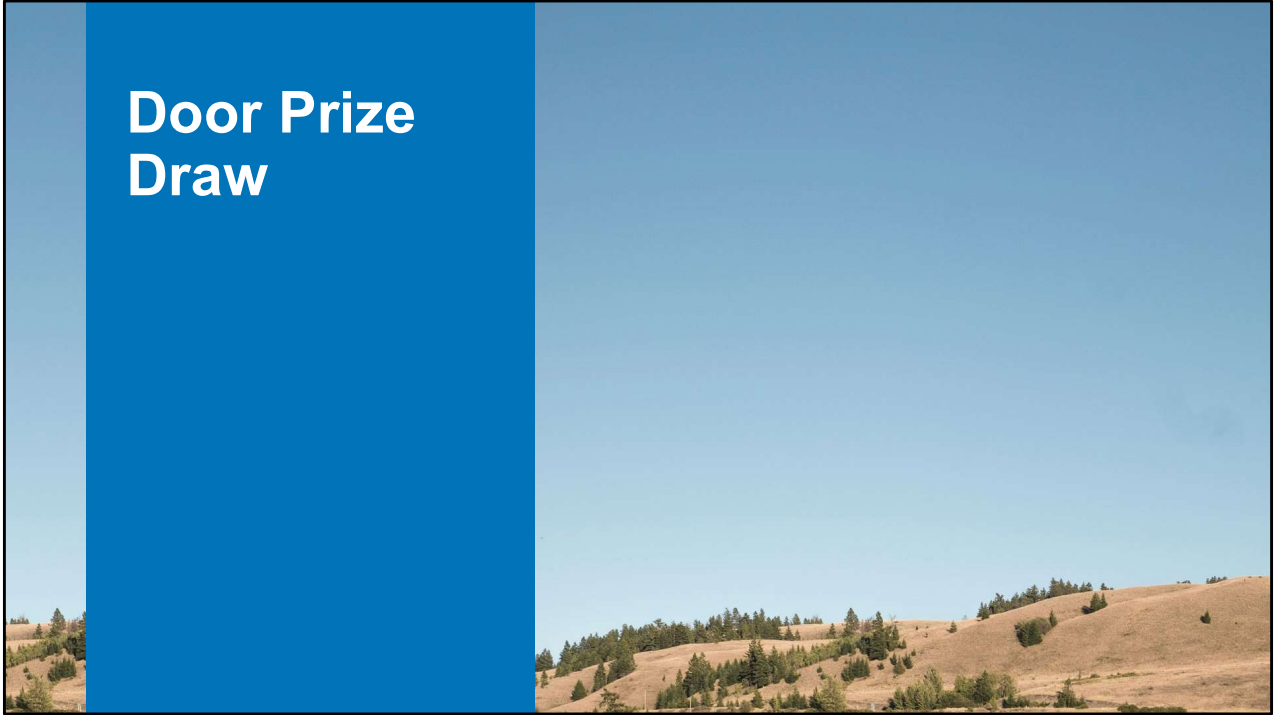
Red List Any species or ecosystem that is at risk of being lost (extirpated, endangered or threatened)

Blue List Any species or ecosystem that is of special concern

Yellow List Find out about how the red and blue lists were developed: Harper, B., S. Cannings, D. Fraser and W.T. Munro. 1994. Provincial lists of species at risk. Pp. 16-23 in Biodiversity in British Columbia. L.E. Harding and E. McCullum (eds.), Canadian Wildlife Service, Delta, B.C.



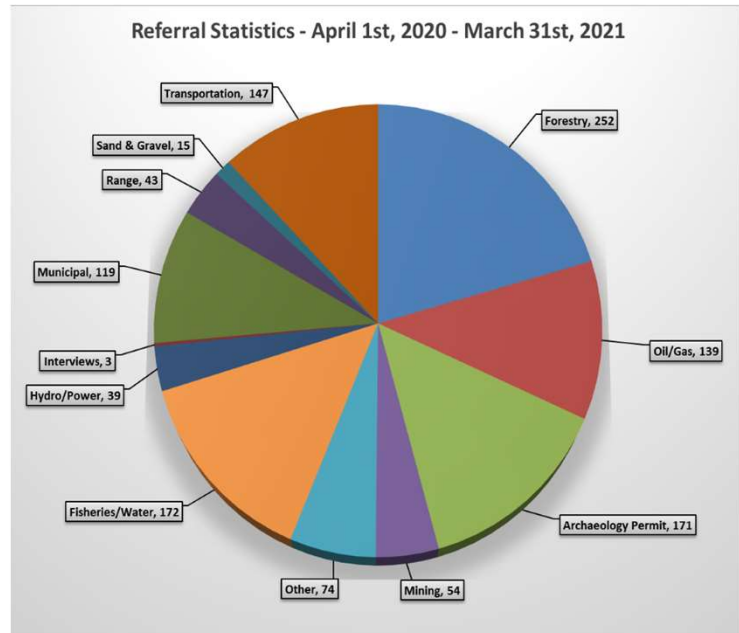
## Door Prize Draw



# Environmental Values

Environmental values and concerns are currently identified through:

- Referral's process
- Cultural Monitoring



At the start of our engagement sessions, I talked about how we currently monitor environmental values and concerns. And they are identified through our existing referrals process and cultural monitoring. Through the referrals process, recommendations are made to mitigate or reduce impacts of projects and activities on our land. The graph here shows the various types of referrals we manage. Cultural monitoring conducted for certain projects, identifies or confirms the presence of cultural resources. To track and record all this information, we use a database called Lightship. We also use a mapping system called ARCpro where we identify features. This helps us identify areas that should be protected. 1228 Referrals

# Online Survey Results



## Nlaka'pamux Environmental Management Community Survey

Purpose of survey is to capture any values we may have missed and to better understand the community.

Survey Ends Sept 15, 2021

25 questions chance to win gifts cards.

## Monitoring Sites



### Objectives:

- Collect
- Analyze
- Status of Values
- Educational Awareness

### Locations:

- Zoht 4, 5
- Joeyaska

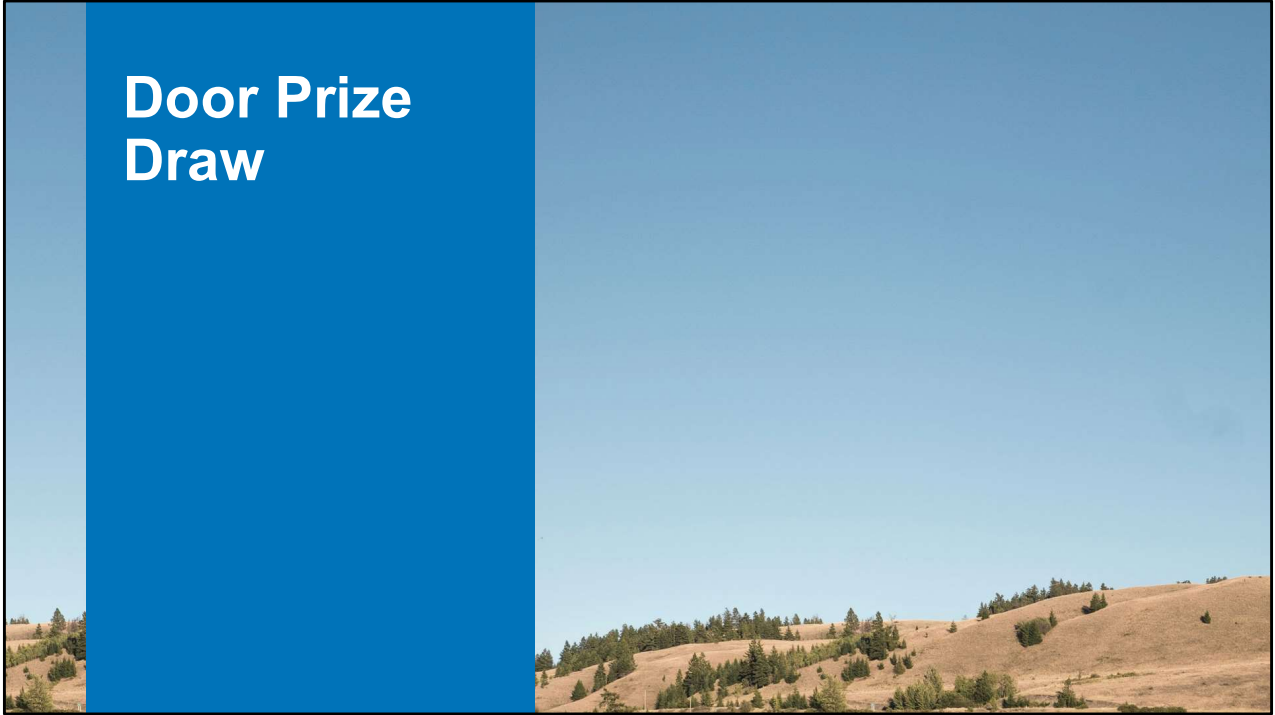
**Focus attention to these on locations then expand to other reserves.**

We intend to incorporate some on-the-ground monitoring into the Nlaka'pamux Environmental Management Program. This will involve the selection of monitoring sites on LNIB reserve lands and using standard protocols and methods for monitoring the condition of environmental values, which may include endangered species, vegetation, water quality, air quality and other values of interest to community members.

We will be seeking project-specific funds this fall to acquire monitoring equipment, such as air quality stations and/or wildlife cameras. In addition, these project funds will support the involvement of LNIB community members in the monitoring. This monitoring will also include an education component and we will collaborate with the school on the best way to integrate this.

First, we have to select monitoring sites. We will start with specific locations on Zoht 4 and 5 and Joeyaska, since these reserves are impacted by the Trans Mountain pipeline. These will be long-term monitoring locations, so we want to ensure the selected sites do not conflict with other land uses. We will coordinate site selection with the LNIB Lands Department and engaged with residents. Focus on these three with the attention of expanding to other reserves.

## Door Prize Draw




\$50.00 Gift Card draw and Poll question  
Monica


# Discussion & Questions


### Communication with community members

The NEMP project team is committed to regular, two-way communication with LNIB community members. Staff will engage with the community to understand community priorities and report on results of the program. Staff will share information on the LNIB website and Facebook page, as well as engage with members at in-person and virtual community events.

Connect with us

 Visit the project webpage at [Inib.net](http://Inib.net)

 Follow 'Lower Nicola Indian Band' on Facebook

 Contact us directly  
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Discussion and questions



## References

- Stock imagery (online source) retrieved from:
  - <https://unsplash.com/s/photos>
  - <https://elements.envato.com>
  - <https://depositphotos.com>
  - <https://www.twenty20.com>
- Some photos courtesy: Jonathon Forbes
- <https://www2.gov.bc.ca/gov/content/environment/natural-resource-stewardship/cumulative-effects-framework>
- <http://www.metlakatla.ca/stewardship/cumulative-effects>
- [https://en.wikipedia.org/wiki/Natural\\_resource\\_management](https://en.wikipedia.org/wiki/Natural_resource_management)
- All about birds – Lewis Woodpecker



**LOWER NICOLA  
INDIAN BAND**

## References