

***LNIB SOLID WASTE  
MANAGEMENT PROJECT***  
**COMMUNITY ENGAGEMENT**

February 11, 2019

**Land  
Forest  
People®**



**LOWER NICOLA  
INDIAN BAND**

# Project Team:

- Lower Nicola Indian Band
- First Nations Land Management Resource Centre (FNLMRC) – funding and support
- Land Forest People
  - Lindsay Hutchinson
  - David Carson
  - Tammy Peters



# Presentation Outline

- Background;
  - Project Purpose;
  - Project Goals 1 through 3;
- Current Status/Timeline;
  - Phase I through IV



# Background

Lower Nicola Indian Band (LNIB) is working towards self-governance with their own *Land Code (2016)*.

*A Solid Waste Management Plan (SWMP)* will form part of a comprehensive environmental management plan (EMP) which will regulate land and resources on LNIB reserve lands.



# Project Purpose :

Achieve better environmental and financial outcomes by improving on LNIB's current solid waste management system of weekly collection and disposal of garbage and recycling.



# Project Goal 1:

Reduce volume of solid waste community produces;  
Divert as much material as possible

Reduce volume of solid waste material

- ReThink what you bring home - packaging
- ReUse – upcycle, give away, sell
- ReCycle – curbside pickup and eco depot

Organics

- Compost – backyard, community garden



# Project Goal 2:

## Eliminate inappropriate waste disposal on LNIB lands



**Photo 1.** View of the Joeyaska IR2 Lot 9 Residential Dump facing east. Note the abandoned vehicles and reserve boundary along Highway 5 to the east.



**Photo 4.** View of the abandoned vehicles on the northeast extent of the Joeyaska Lot 6 Residential Dump facing southwest. Note the scattered car parts surrounding the vehicles.

Photos: Phase I Environmental Site Assessment - Joeyaska IR#2, Lower Nicola Indian Band (2011)

## Project Goal 3:

Reduce financial burden on Lower Nicola Indian Band for managing solid waste.

For Example:

- Decreasing the volume of residual waste means paying less in tipping fees





# Current Status/Timeline:

## Phase I Issues Characterization

Identify the issues, gaps and opportunities within the current system of recycling and garbage collection and disposal.

It will inform our next step.

### Issues Characterization Report due Feb. 1/19

- Preparing to submit to FNL MRC



# Project Timeline:

## Phase II Community Solid Waste Planning

Develop elements of a first annual LNIB solid waste management program based on a review of the *Issues Characterization Report* from Phase I.

Draft Solid Waste Program Plan due Feb. 19/19



# Project Timeline:

## Phase III Community and Capacity - Ongoing

Community engagement and education will run concurrently with Phase I and II with the goal of reducing the volume of material going into the residual waste stream (garbage). Increase participation and improve use of the recycling program.

Community Engagement Report due Mar. 15/19



# Project Timeline:

## Phase IV Policy Development

Create policy tools based on direction received in previous phases, such as:

- Amend existing planning documents (CCP, Land Use, etc.);
- Policies and procedures to guide implementation; and
- Bylaws that allow LNIB to enforce those policies.

**SWM Policy and Procedures due Mar. 15/19**



# Recycle BC

Non-profit organization responsible for recycling of all residential paper and packaging across BC:

- Extended Producer Responsibility (EPR) model (like returnable beverage containers, batteries, paint);
- Enters into collection contracts (11 year waitlist);
- Agreement with TNRD for residential PPP (packaging and printed paper);
- Pilot program in TNRD for First Nations beginning early 2019



# Current System: STRENGTHS

Garbage  
Bin  
locations

Collection  
Schedule

Recycling  
Bins

Acceptable  
Items in  
Recycling

Garbage  
Bins

Collection  
Frequency



# 5 Questions:

1. Lower Nicola disposes of approximately 100 tonnes of garbage per year in the landfill. What is one thing we can do to reduce the amount of garbage we have to pay to dump? (Tammy)
2. What is ONE THING that LNIB can do to discourage inappropriate dumping on LNIB lands? (Stephen)
3. Would you use a centralized recycling centre for recyclables including glass, Styrofoam packaging, plastic overwrap? Where should it be located? (Brandi)
4. What can we do to make garbage collection and disposal better? (Lindsay)
5. What is one thing we can do to make recycling collection and disposal better? (Hyrum)



# What potential new elements should we consider?

- Kitchen scraps compost
- Additional recycling streams (glass, Styrofoam, plastic overwrap, other flexible plastic packaging)
- Inappropriate dumping
- Centralized sorting centre
- “Free Store”
- Free “Clean-up” events
- What else?





# Summary and Wrap Up

- Key insights from tonight
- Emerging priorities
- Questions or issues for further discussion
- Project next steps
- Session evaluation
- Closing comments



*THANK YOU*

Land  
Forest  
People®



LOWER NICOLA  
INDIAN BAND