Overview

National Perspective
• Waste Management in First Nations Communities National
• Program Background – Budget 2016
• Summary of Eligible Projects

BC Perspective
• First Nations Zero Waste Management in British Columbia
• Project Examples and Grant Recipient Recognition
• Progress, Vision, and IZWTAG
Waste Management in First Nations Communities

Factors affecting waste management in many communities include:

- Remoteness and limited land base
- Hazardous nature of waste
- Lack of standards - regulatory gap
- Unauthorized dumping
- Lack of diversion programs
- Expensive contracts with third-parties
- Historical lack of funding
- Staff turnover
- Operations and Maintenance (O&M)
National Program Background - Budget 2016

Budget 2016 introduced $409 million dollars over five years to support solid waste management on reserve lands.
Summary of Eligible Projects

1. Planning

2. Capacity Building and Training

3. Programs and Partnerships

4. Infrastructure, Construction, and Operation

5. Decommissioning of Waste Sites
1. Planning

- Land Use Plans and surveys
- Zero waste feasibility studies
- Solid Waste Management Plans
- Recycling plans
- Infrastructure design
- Technical or engineering studies
- Waste site operations plans
- Environmental Site Assessments
- Waste site closure & post-closure plans
- Bylaw development
2. Capacity Building and Training

• Creation of community waste groups
• Community waste education, awareness, and outreach
• Training of waste site operators
• Waste coordination
• In-school programming
• Building Indigenous-led technical organizations and advisory committees (e.g., the National Advisory Committee)
3. Programs and Partnerships

- Negotiations of Municipal Type Service Agreements with third-parties
- Household Hazardous Waste days or programs
- Recycling and Composting
- Other partnerships and programs with First Nations organizations, industry, police, provinces, municipalities, regional districts, and other key partners
4. Waste Site Infrastructure Construction & Operation

- Construction or upgrade of transfer stations
- Construction or upgrade of landfills (not in BC)
- Operational and maintenance funding for newly constructed or upgraded sites
- Equipment
5. Waste Site Decommission and Closure

- Clean-up of the waste sites (surficial removal, controlled public access, etc.)
- Decommissioning of waste sites
- Post-closure monitoring
ISC BC Approach - Infrastructure

• BC First Nations Zero Waste Management Program
• Finding solutions based on needs of individual First Nations:
  ➢ MTSA
  ➢ Eco Depot
  ➢ Transfer Station
  ➢ Working Groups
  ➢ Third-party agreements
ISC BC Approach - Environment

- Drone Pilot Program
- Sense of Place Grants
- Environment and Waste Management Workshops
- Zero Waste Education Toolkit
- Earth Day Grants
- Zero Waste Grants
- Indigenous Zero Waste Technical Advisory Group (IZWTAG)
Zero Waste Education Toolkit

• Developed in partnership with teachers from schools in First Nations communities
• Provided to all First Nations schools throughout BC by 2020 – at no cost to teachers
• Links Zero Waste education into existing curriculum
• Opportunity to subsidize cost to replenish materials
Recognition of Grant Recipients

- Zero Waste Grants
  - Gitwinksihlkw Village Government
  - Saulteau First Nations
  - Tzeachten First Nation

- Earth Day Grants
  - McLeod Lake Indian Band
  - Skidegate Band
  - Kwantlen First Nation
Tzeachten First Nation

Why Compost?
- Reduced amount of waste to landfill
- Reduced production of methane
- Improved soil health, structure & ability to hold water
- Increase disease resistance in plants
- Reduced dependence on artificial fertilisers & pesticides

Tzeachten Now - Bear Image Productions
McLeod Lake Indian Band
Skidegate Band
Kwantlen First Nation

LEPS
LANGLEY ENVIRONMENTAL PARTNERS SOCIETY

What We Do:
- Education and Outreach
- Habitat Restoration
- Agriculture Stewardship
- Community Stewardship
- Wildlife Conservation
- Mapping and Inventory

Engaged citizens contributing to healthy watersheds!

Our Purpose:
- Promote and conduct watershed protection and restoration activities
- Provide technical support to community volunteer groups conducting environmental work
- Provide education and work experience for students in school-related to environmental issues
- Foster community cooperation through environmental partnerships among groups, families, teachers, and students

LEPS
LANGLEY ENVIRONMENTAL PARTNERS SOCIETY

Do you
THINK SALMON ..?

Everyday actions have impacts!

1. Use less water
2. Reduce storm drain pollution
3. Preserve stream habitat
4. Protect drinking water
5. Use greener cleaning alternatives
6. Reduce household waste
7. Be a salmon friendly pet owner

All drains lead to fish!

leps.bc.ca

ISC
INDIGENOUS SERVICES CANADA
Progress, Vision, and IZWTAG

- 69 BC First Nations currently in the program
- Over 200 First Nations in BC
- Increasing First Nations organizations’ involvement in programming and policy development
Thank you!

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