

Developing your Community Strategy

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Steps in Developing your Solid Waste Management Plan

- Current
 - Community profiles
 - Waste generators
 - Existing programs and infrastructure
 - Waste audit
 - Future waste estimates
- Future
 - Vision & Goals
- Plan
 - Develop Options
 - Cost Estimates
 - Compare Options
 - Build Consensus
 - Negotiate Agreements
 - Sign & Celebrate
- Destination
 - Indicators of success
 - Evaluation
 - Set your next goals

**FIGURE 18:
THE PLANNING WHEEL**

Each colour of the wheel corresponds to the colour in the graph below. Start at the upper right-hand quadrant, and work clock-wise around the wheel reviewing the questions below.



Profile of Planning Area

Develop a profile of the First Nation planning area:

- Population
- Number of households
- Types of businesses
- Estimated growth rate
- Identify transportation routes
- Distance to landfills and other disposal sites
- Infrastructure needs





Waste Generators

Identify the solid waste generators within the planning area:

- Confirm all residential
- Commercial
- Government
- Illegal dumpsites (that will require clean up)
- Do any generators produce waste that requires special handling?
Ex. Medical or toxic industrial?

Identify existing Waste Management Practices



How is waste currently being disposed of?



Identify any significant amounts of waste entering & leaving the planning area



Current programs & infrastructure (ex. Recycling, composting)



Projected life of existing infrastructure



Where is there excess capacity?



Who is currently responsible for managing solid waste?

Conduct a Waste Assessment/ Waste Audit



DETERMINES THE
QUANTITY AND
COMPOSITION OF WASTE



ALLOWS EVALUATION OF
OPTIONS AND
ESTIMATION OF COSTS



HAS YOUR COMMUNITY
CONDUCTED A WASTE
AUDIT?



Estimate Future Waste Generation Quantities

Using the estimated growth information determine future waste generation.

Vision and Goals



What does your community want in solid waste management



Do you want to close existing waste sites?



Develop nor improve recycling or composting programs?



What are your financial goals?

Identify Options



USE YOUR COMMUNITY'S
AUDIT DATA TO
DETERMINE WHAT %
COULD BE PREVENTED,
REUSED, REDUCED OR
RECYCLED.



DOES YOUR COMMUNITY
PROVIDE CURBSIDE PICK UP
OR WILL RESIDENTS HAVE
TO TAKE WASTE TO A
TRANSFER STATION OR
FACILITY?



ARE DIVERSION PROGRAMS
REQUIRES? RECYCLING,
COMPOSTING, HHW?



ARE THERE EXISTING
PROGRAMS AND
INFRASTRUCTURE THAT
CAN BE ADAPTED OR
EXPANDED?



IS NEW INFRASTRUCTURE
OR PROGRAMS REQUIRED?



IS THERE POTENTIAL
BENEFITS OF DEVELOPING
OR PARTICIPATING IN
REGIONAL PROGRAMS?



ARE THERE POTENTIAL
PARTNERS?

Cost Estimates for Options



Include both capital costs and operational & maintenance costs for each option.



Do any options generate cost savings?



Identify funding to cover costs



Who will pay for what?

Compare Options

Use your communities visions & goals to establish criteria for comparing options and prioritize criteria.

Could include:

- Cost
- Reduced environmental harm
- Future monitoring
- Job creation
- Employment opportunities

- How will you measure success?

Indicators of
Success

Evaluation

Measure success against the goals?

How have things changed?

What worked?

What still needs to be done?

What can be improved?

Going forward:

- What information do you still need to complete the profile?
- What data currently exists that could help determine quantities and composition of waste?
- Have you done a waste audit?
- what resources do you have available to complete your solid waste plan?
- How will you engage your community and leadership in the planning process?
- What promotion & education activities will you undertake to bring awareness and compliance with your plan?



Community Engagement



Champions – who will help



Are there community members, planning teams, committees, working groups?



How will you engage youth, elders, students, general community members? To identify principles, goals and targets

COMMUNITY FEEDBACK

Participant Poll



Breakout Session



Revisit the issues you identified in yesterday's session (Challenges & Solid Waste Goals)... Using what you've learned in the last 2 days, what strategies will you use to address them?



What kind of partnerships will you explore when going back to your community? Internal? – other departments? individuals, committees, leadership, members at large, External – municipal, other first nations, Resource Centre, RCBC, Stewardship Associations



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THANK YOU!

For more information, please visit:
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