

Final Report

CIF 570

Sagamok Anishnawbek First Nation Large Curbside Containers



Final Project Report, December 5, 2014

Sagamok Anishnawbek First Nation

CIF Project number 571.10

Acknowledgement:

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Background

The Sagamok Anishnawbek First Nation applied for funding to purchase large curbside recycling containers (Blue Boxes) in 2010. CIF approved \$4,400 for the purchase of blue boxes to get residents to recycle more. This was a 50-50 split between Sagamok First Nation and the Continuous Improvement Fund. The Sagamok Anishnawbek First Nation purchased blue boxes on two separate occasions. One hundred blue boxes were purchased in June of 2010 from Municipal Waste and Recycling Consultants for \$1,000, while another four hundred 23.5 gal/89 L blue boxes were purchased from Gracious Living Corporation in October of 2014.

Sagamok Recycling Program

Sagamok has one central recycling depot built in 2005 that is in a decent location, although not central to everyone. The majority of users of the depot are relatively close or they can attain transportation to deliver their materials. Currently, there are approximately 415 households on the reserve. The majority of households are in one of three sub-divisions on reserve.

Municipal Waste & Recycling Consultants is the recycling contractor for the First Nation. They rent the front-end loader bins to Sagamok for the Recycling Depot. M.W.R.C. pick-up the recyclables two days a week: Tuesdays for fibres and Thursdays for containers. The recyclables collected are taken to their MRF in Blind River. There is no profit sharing from the sale of recyclables collected as the contractor keeps 100% of the proceeds.

The Recycling Depot consists of five front-end loader bins that collect the following recyclable materials:

<ul style="list-style-type: none">• Paper & Paper Products – 1 Bin	<ul style="list-style-type: none">• Cardboard & Boxboard – 2 Bins
<ul style="list-style-type: none">• Commingled Plastics & Metal Containers – 1 Bin	<ul style="list-style-type: none">• Clear & Coloured Glass Bottles/Containers – 1 Bin

This limited collection brings up several problems that residents have brought up. These were identified when the bins were handed out in 2014. They were:

- Limited transportation options for residents hinders their ability to bring recycling to the depot regularly
- More than one depot is needed to service other subdivisions
- No curbside recycling pick up option due to limited funding

While these issues aren't completely answered through the new blue boxes we have distributed, the continued promotion of the program we are doing will help us encourage residents to place recyclable products in their blue boxes and deliver it to the depot when they get the chance. Curbside is not a viable option because of our low

population and density, and therefore we will continue to focus on improving the depot and resident's perceptions of recycling.

Promotion

On both of the occasions that blue boxes were delivered to residents, the focus was on speaking to residents about the importance of recycling and asking them to provide information to us about what more we can do. As most of this promotion was done face to face, no P&E material was created beyond the survey and agreement that all residents had to sign. This agreement stated that all residents would be using the blue box to deliver their recyclable materials to the depot at 4007 Espaniel Street. There, residents must sort their products properly and bring the blue box back home. All residents signed this form after discussing it with municipal staff.

Method of Distribution

For the first distribution in 2010, the one hundred blue boxes were given out to residents at the annual Treaty Day on June 21st. At the event, we had a booth to distribute the Blue Boxes. Each household was allowed one Blue Box, and they had to complete a waste management survey and sign a declaration form stating that the blue box would be used for recycling purposes only. All one hundred blue boxes were distributed during the event.

For the second distribution in 2014, the blue boxes were delivered to Sagamok First Nation on October 2, 2014. They were then delivered house to house during the week of October 6th – 10th. Each household was given the same agreement to sign as in 2010.

Table 1: Project Summary

Municipality	
Amount of CIF Grant	\$ 1905
Number of 22 Gallon Blue Boxes approved	500
Number of Blue Boxes distributed	500
Dates delivered (start and end)	June 2010 to October 2014 (two separate delivery dates)

Goals and Objectives

The primary goal of this project is to get the households of Sagamok First Nation to recycle their household materials on a regular basis. The objective is to increase tonnage, thereby increasing participation and reducing the amount of waste being disposed at the Sagamok Landfill.

Tonnage Results

1. 2008 – 45.92 Tonnes	2. 2009 – 62.36 Tonnes
3. 2010 - 69.41 Tonnes	4. 2011 – 67.07 Tonnes

Tonnage has been going up since 2008, although it stagnated in 2011. We also had a recycling contest for the households on the reserve in 2009, 2010 and 2011. Each recycling contest was for six months and every week households would bring in their recyclables to be scaled at the Depot. This helped to increase the recycling tonnage, which was provided by the contractor (M.W.R.C.), at year-end.

For 2012 and 2013, the WDO Datacall shows that we diverted 37 tonnes and 31 tonnes respectively. These numbers are different due to the methodology WDO uses to gather numbers, as well as the reduced recycling we collected. We anticipate that these tonnages will increase now that we have handed out the rest of the blue boxes. This also emphasizes how important promotion and education is to ensure the program is being used, as we didn't do as much P&E between our first distribution in 2010 and our second in 2014. We won't make this mistake again.

Conclusion

Overall, this has been a successful program in getting the residents of Sagamok interested in recycling. We firmly believe that everyone having a blue box is the best promotion that we could do for the program, as it is a constant reminder for people to recycle as much as possible and to not put too much in our landfill. Over the next year, we are focusing on:

1. Continue to promote recycling and ensuring that residents are aware of how to sort their recycling.
2. Look into expanding the depot to have a few more roll off bins to collect recyclables
3. Make residents aware that the landfill is getting full and that we need to find a cheap way to reduce our garbage. Recycling as much as possible is that solution.

Appendix

Sagamok Waste Management Questionnaire

1.	Do your Recycle at home?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No			
2.	If you do not recycle, why not? Please explain.					
3.	Would you use curbside recycling at home?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No			
5.	If there were more Recycling Depots, would you use the Recycling Depot?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No			
6.	Do you use the Curbside Garbage Pick-up service offered to the Sagamok First Nation Households?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No			
7.	Do you self-haul your garbage to the Sagamok Landfill?	<input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No		
8.	On average, how many bags of garbage does your Household produce per week?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		1 bag	2 bags	3 bags	4 bags	5 bags
9.	If Sagamok had a Depot that collected Used Tires, Electronics, and Household Hazardous Waste; would you use the Depot?	<input checked="" type="checkbox"/> Yes			<input type="checkbox"/> No	
10.	Do you think it should be mandatory that privately owned businesses Recycle ?	<input checked="" type="checkbox"/> Yes			<input type="checkbox"/> No	
11.	Do you think it should be mandatory for Households to Recycle ?	<input checked="" type="checkbox"/> Yes			<input type="checkbox"/> No	
12.	Should certain Recyclables be Banned from Disposal at the Landfill? (Such as Plastic Bottles, Tin Cans, Cardboard, Paper)	<input checked="" type="checkbox"/> Yes			<input type="checkbox"/> No	

13.	Do you Compost at home?	<input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No				
14.	If Sagamok had a Composting Site, would you use it?	<input checked="" type="checkbox"/> Yes		<input type="checkbox"/> No				
15.	We are planning to charge a service fee for Curbside Garbage Pick-up. How much would you pay per month for the Curbside Garbage Pick-up service on the reserve?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
		\$5/ month	\$10/ month	\$20/ month	\$25/ month			
16.	How many trips do you make to the Sagamok Landfill in a month? Answer in the space	less than 1						
17.	We are going to implement the Bag-Tag Program. Currently, 2 bag limit for Curbside Garbage Pick-up. Any extra bag/s of garbage will require a Tag if they are to be picked-up. How much should a Bag-Tag cost?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
		\$0.50/ Tag	\$1.00/ Tag	\$1.50/ Tag	\$2.00/ Tag			
18.	The Sagamok Landfill is currently open 4 days a week. In the future, it will be open 2 days a week. Which 2 days should the Landfill be open?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Mon	Tues	Wed	Thurs	Fri	Sat	Sun
19.	We are going to charge a Tipping Fee at the Sagamok Landfill. This is an effort to get more households to Recycle and to extend the life of the Landfill. How should we charge the Tipping Fee?	<input type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>		
		By the Bag		By Volume		Flat Rate		
20.	Do you live in House or Apartment?	<input checked="" type="checkbox"/> House		<input type="checkbox"/> Apartment				
Comments: Great survey! Please provide a summary in Sagamok News.								

Thank You for taking the Waste Management Questionnaire.

Please fill out a ballot for a chance to win a \$50 gift certificate