

Ministry of Environment and Climate Change Strategy

Consumer Awareness Survey of Extended Producer Responsibility (EPR) Programs in BC

September 27, 2018

Prepared by: NRG Research Group



Suite 1380-1100 Melville Street Vancouver, BC V6E 4A6

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- Reasons related to the environment are predominantly why people recycle.
- Over four in five consider themselves knowledgeable about the impacts of not recycling.
- Overall awareness of what products can be recycled through Extended Producer Responsibility (EPR) programs has increased from 2015, most notably among many of the less well known products (e.g. thermostats).
- Products with high turnover (i.e. beverage containers, etc.) are the most likely to be recycled/returned. The types of items most likely to be thrown in the garbage are polystyrene (referred to in the survey under the trade name *Styrofoam*), lighting products, batteries and pharmaceuticals.
 - Among those who have thrown these types of items in the garbage, the primary reasons for not recycling them is they did not know the item was recyclable and did not know where to take it to be recycled.
- The leading areas that consumers recommend to enhance their likelihood or their experience with recycling relate to convenience (e.g. curbside pickup of all recyclables), information (e.g. more information on what is recyclable) and location (e.g. more accessible locations for recycling depots).
- The perception of who is responsible for <u>funding</u> the EPR programs tends to be spread across municipalities, the provincial government and consumers. While the perception of who is responsible for <u>operating</u> the EPR programs is primarily linked to municipalities, with the provincial government a distant second.



- Under half (44%) of respondents consider the recyclability of the product as part of their purchase decision. When making a purchase, half of respondents consider the recyclability of the packaging as part of their purchase decision.
 - Over one-third (36%) feel their purchasing decisions for products and packaging have an impact on the design and manufacturing of those items.
- Half of respondents would first do an online search to look for information if they wanted to reuse/recycle a product that could not be recycled through their local curbside recycling program.
- Two in five respondents recall receiving/seeing some educational information about recycling in the past year.
 - The message most often recalled from the information received/seen refers to the items that can and can't be recycled.
- Far more respondents are aware of the Recycling Council of British Columbia's (RCBC) recycling website (17%) than the hotline (5%) with another 5% aware of both. Overall awareness of these sources of information remains low, with seven in ten (69%) not aware of either.
 - Just over one-third (36%) of respondents who are aware of RCBC's Recycling Hotline have ever called it.
 - Two-thirds (65%) of respondents who are aware of RCBC's Recycling website have ever visited it, which is a significant increase from 2015.



- The main objective of conducting this survey is to measure consumer awareness of Extended Producer Responsibility (EPR) Programs in British Columbia.
- In reviewing the results, it is worth noting that mentions of the products recycled in this survey are based on consumer awareness of the recycling programs, and these results cannot be extrapolated to calculate the actual amount of products recycled.
- For information on recycling options, locations near you, and community-based recycling initiatives, please contact the Recycling Council of British Columbia (RCBC): <u>http://www.rcbc.bc.ca</u>.
- For information on the provincial government's policy with respect to waste reduction and extended producer responsibility, please visit: <u>www.recycling.gov.bc.ca.</u>
- For information on the stewardship agencies and their programs/services please visit their collective site: <u>http://www.bcrecycles.ca/</u>.



- This report presents the results from an online survey conducted by NRG Research Group on behalf of the British Columbia Ministry of Environment and Climate Change Strategy. Interviewing was conducted between February 19 and 27, 2018 inclusive.
- The overall target sample size for this research was 1,200 total interviews, allocated by region as specified by the Ministry. Data collection was done via Research Now's online general population panel sample. Research Now is a leading supplier of online general population research panel sample (<u>https://www.researchnow.com/</u>). A total of 1,214 interviews were completed, distributed across four regions of the province as per the table below.

Region	Quota	Completed
Vancouver Island	200	203
Lower Mainland	600	616
North	200	202
Interior	200	193
Total	1,200	1,214

• The completed surveys for the Interior are slightly below quota due to the revision in the regional allocation used in the 2015 study where the Lower Mainland includes the Fraser Valley. See the map on the following slide for further details.



• The results for this study are presented graphically first as a whole (Provincial Total) and then the results are presented in tabular format by regional sub-group: Interior BC, Lower Mainland, North BC and Vancouver Island. These regions are defined by BC Stats information.



Map source http://www.bcstats.gov.bc.ca/data/pop/maps/rdmap.asp

- The final allocation used for reporting "Lower Mainland" includes regional districts 15 and 9. "Vancouver Island" includes Vancouver Island and the Gulf Islands. "Northern BC" includes regional districts 41, 45, 47, 49, 51, 53, 55, 57 and 59. "Interior BC" includes all of the remaining regional districts.
- When the quotas were set up the StatsCan definition of the GVRD/Lower Mainland (CD 15) was used to classify the Lower Mainland region. Thus Abbotsford and the Fraser Valley areas were classified as South Central BC and included within the Interior region during the data collection phase.



- When reviewing the regional allocation used in the previous report, it became apparent that Abbotsford and the Fraser Valley areas were classified within the Lower Mainland, so these areas were re-allocated to be within the Lower Mainland to be consistent with 2015. This resulted in the number of surveys considered completed in the Interior being reduced by 7 as these were now included in the Lower Mainland.
- The table below shows the unweighted and weighted counts of completed surveys as well as the proportion of weighted surveys by region, based on the 2015 regional allocation. Weighting was based on population by region, age and gender as per Statistics Canada 2016 census data.

Region	Unweighted N	Weighted N	Weighted Pct.
Vancouver Island	203	200	16.5%
Lower Mainland	616	719	59.2%
North	202	79	6.5%
Interior	193	216	17.8%
Total	1,214	1,214	



Awareness and Participation of Extended Producer Responsibility Programs



Reasons for Recycling (General – open-ended)

Reasons related to the environment are predominantly why people recycle, including 57% who say it's "good (better) for the environment" as the top mentioned reason.



Note: Total mentions <2% not shown.

Q1. In general, what are the main reasons why you recycle? Base: All respondents (n=1,214) Note: NET represents the combined total of all mentions in each of the categories, with the most mentioned reasons shown separately below each of these nets.

Knowledge Level of Impacts of NOT Recycling

Over four in five (83%) consider themselves knowledgeable about the impacts of NOT recycling. Almost two-thirds (64%) of respondents feel "somewhat knowledgeable" while another one-in-five (19%) consider themselves "very knowledgeable" about the impacts of not recycling.



Q2a. How knowledgeable do you consider yourself to be about the impacts of NOT recycling? Base: All respondents (n=1,214)



Aided Awareness of Recyclable Products

Overall awareness of what products can be recycled through EPR programs has increased significantly (from an average of 58% in 2015 to 63% in 2018). Some of the less well known products have seen the largest increases in awareness, yet many of these remain relatively low, particularly thermostats (33%).



Q3. Extended Producer Responsibility programs in B.C. allow many different products to be recycled. Before today, which of the following products did you know could be recycled through these programs? Base: All respondents (n=1,214)



Prevalence of Recycling Products

Products with high turnover, such as beverage containers, are the most likely to be recycled/ returned, with polystyrene (identified as *Styrofoam* in the survey) and pharmaceuticals being the most notable exceptions.

		2015
Beverage containers	91%	5% 96% 95%
Beer cans and bottles	90%	4% 93% 92%
Electronics	69%	9% 78% 72%
Batteries (household)	59%	16% 75% 67%
Lighting products	48% 16%	64% 49%
Small appliances	54% 9%	63% 52%
Styrofoam	44% 16% 6	0% n/a
Cell phones	50% <mark>6%</mark> 56%	6 40%
Car batteries	49% <mark>4% 53%</mark>	43%
Paints	47% <mark>6%</mark> 53 %	48%
Tires	48% <mark>4% 52%</mark>	39%
Large appliances	43% <mark>5%</mark> 49%	42%
Pharmaceuticals	<u> </u>	40%
Used lubricating oil, filters and containers	41% <mark>5%</mark> 46%	37%
Solvents, flammable liquids, gasoline, pesticides	30% 7% 36%	30%
Smoke/fire/carbon monoxide detectors/alarms	21% 6% 27%	16%
Outdoor power equipment	20% 5% 25% Recycled	or returned 17%
Heating, ventilation, AC, plumbing products	18% 6% 25% Sometime	es recycle, sometimes garbage 13%
Thermostats	14% 4% 19%	9%

Q4. In the last few years, which of these products have you personally recycled and which ones have you thrown in the garbage? Base: All respondents (n=1,214)



Prevalence of Throwing Products in Garbage

The products most likely to be thrown in the garbage are led by polystyrene (again, "*Styrofoam*" in the survey, 28%) and lighting products (22%), followed by household batteries and pharmaceuticals (both at 16%).

		<u>2015</u>
Styrofoam	28% 16% 44%	n/a
Lighting products	22% 16% 39%	45%
Batteries (household)	16% 16% 31%	36%
Pharmaceuticals	16% 8% 24%	25%
Small appliances	<mark>6% 9% 15</mark> %	15%
Paints	7% 6% 13%	13%
Smoke/fire/carbon monoxide detectors/alarms	7% 6% 13%	12%
Electronics	3% 9% 12%	13%
Solvents and flammable liquids, gasoline, pesticides	5% 7% 12%	10%
Thermostats	6% 4% 10%	10%
Used lubricating oil, filters and containers	<mark>5%5%</mark> 10%	11%
Cell phones	4% 6% 10%	10%
Heating, ventilation, AC, plumbing products	4% 6% 10%	9%
Outdoor power equipment	<mark>5%5%</mark> 9%	9%
Large appliances	1% 5% 9%	8%
Tires	4% 6%	7%
Beverage containers	5% 6%	7%
Car batteries	Sometimes recycle, sometimes garbage 4% 6%	6%
Beer cans and bottles	<mark>4%</mark> 6%	4%

Note: Numbers less than 3% are not displayed in the bar.

Q4. In the last few years, which of these products have you personally recycled and which ones have you thrown in the garbage? Base: All respondents (n=1,214)

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Convenience of Recycling: Type of Product

Convenience of the recycling process is rated very highly across most products that people have recycled or returned, although relatively less so for HVAC/plumbing and large appliances (with 71% rating both these as either "very convenient" or "somewhat convenient").

Beer cans and bottles	76%		21% 96%
Beverage containers	74%		22% 96%
Pharmaceuticals	61%		30% 90%
Cell phones	52%	35%	87%
Car batteries	53%	32%	85%
Batteries (household)	50%	35%	84%
Lighting products	45%	39%	84%
Electronics	45%	37%	82%
Smoke/fire/carbon monoxide detectors/alarms	46%	36%	82%
Small appliances	46%	36%	82%
Tires	47%	35%	82%
Styrofoam	52%	30%	82%
Paints	45%	35%	80%
Thermostats	40%	40%	80%
Used lubricating oil, filters and containers	39%	37%	76%
Outdoor power equipment	37%	39%	76%
Solvents, flammable liquids, gasoline, pesticides	35%	40%	75%
Heating, ventilation, AC, plumbing products	32%	39%	Very Convenient
Large appliances	33%	38%	Somewhat convenien71%

Q4a.When you last recycled each of these types of products, how convenient was the process? Base: Those that "recycled or returned" or "sometimes recycle, sometimes garbage" each of these items



Reasons for Not Recycling Specific Items

Among those who have thrown these items in the garbage, a leading reason for not recycling polystyrene (*"Styrofoam"*) and pharmaceuticals as well as thermostats and various detectors/alarms is people "didn't know item was recyclable." Not knowing where to take the item was also a strong reason for not recycling these items.



Didn't know item was recyclable Don't know where to take it Nowhere near to take it / No way to get it there

Q5. What is the main reason(s) that you have not recycled the following items?

Base: All respondents who have either selected "Thrown in garbage "or "Sometimes recycle, sometimes garbage" at Q4



Products at Home – Not Yet Recycled

There are a range of items that consumers have in their home that are no longer in use that they have not returned for recycling, led by batteries (27%), cell phones (26%) and beverage containers (24%). This profile is very consistent with results from 2015.



Q6. Which of the following products do you currently have in your home that are no longer in use/broken/expired that you have not returned for recycling? Base: Total but excludes those that selectedI as 'I have not owned or used this item ' at Q4



Main Reasons for Not Recycling - Any Product

The main reasons for not recycling the items being assessed include "I keep recyclables until I have enough to make a trip worthwhile" (35% average mentions across all products), followed by "I don't know where to take it" (24% average mentions). Far fewer reasons for not recycling were selected this year compared to 2015, with the largest drop being for people not keep recyclables until they have enough to make a trip worthwhile.



Q7. What is the main reason(s) that you have not recycled the following items? Base: Respondents with an unused, broken, expired recyclable product in the home



Recommendations for Recycling in Community

The leading areas that receive recommendations to enhance their likelihood of recycling or experience with recycling relate to convenience, information and location. Almost half of respondents (45%) do not have any recommendations to enhance their likelihood of recycling.



Note: Total mentions less <3% not shown.

Q8. If you could make any recommendations to enhance your likelihood of recycling or your experience with recycling in your community what would they be?



Knowledge of Programs



Perceived Responsibility for Funding Stewardship Programs

The perception of who is responsible for funding the EPR programs tends to be spread across municipalities (42%), provincial government (38%) and consumers (34%). These results are very similar to those obtained in 2015.



Q9. To the best of your knowledge, who is responsible for funding (i.e. paying for) these programs? *Please select all that apply.* Base: All respondents (n=1,214)



Perceived Responsibility for Operating Stewardship Programs

The perception of who is responsible for operating the EPR programs goes to the municipalities (57%), with the provincial government a distant second (29%). This perspective is also consistent with 2015.



Q10. To the best of your knowledge, who is responsible for actually operating (i.e. collecting, transporting, recycling) these programs? *Please select all that apply.* Base: All respondents (n=1,214)



Consumer Behaviour and Recycling



Consideration of Recycling in Purchase Decision

Just under half (44%) of respondents consider the recyclability of the product as part of their purchase decision, an increase of 6% from 2015.

When making a purchase, half of respondents consider the recyclability of the packaging as part of their purchase decision, an increase of 4% from 2015.



Q11. When making a purchase, do you consider the recyclability of the product as part of your purchase decision?

Q12. When making a purchase, do you consider the recyclability of the packaging that the product comes in as part of your purchasing decision? Base: All respondents (n=1,214)



Impact of Purchase Decision on Design and Manufacturing

Just over one-third (36%) of respondents feel their purchasing decisions for products and packaging have an impact on the design and manufacturing of those items. This is an increase of 4% from 2015.

However, the same proportion (36%) feel their purchasing decisions have no impact on the design and manufacturing of items, while just over one-quarter (28%) say they don't know.



Q13. Do you feel your purchasing decision for products and packaging have an impact on the design and manufacturing of those items? Base: All respondents (n=1,214)



Recommended Products to add to Stewardship Programs

There are no significant mentions of products to add to the EPR programs, although plastics tend to be cited more than anything else. Half (50%) say they have no suggestions for other products they would you like to see added to the EPR programs while another one-quarter (23%) don't know.



Note: Only mentions >1% are shown.

Q14. Thinking of products in your home or items you have thrown out in the past, what other products would you like to see added to B.C.'s extended producer responsibility programs? Base: All respondents (n=1,214)



Recycling Education



Where First Look for Information About Recycling a Product

Half of respondents would first do an online search to look for information if they wanted to reuse/ recycle a product that could not be recycled through their local curbside recycling program.



Q15. Where would you first look for information if you wanted to reuse or recycle a product that could not be recycled through your local curbside recycling program? Base: All respondents (n=1,214)



Preference for Receiving Recycling Educational Information

One half (52%) prefer to search the internet for recycling educational information when they need it, followed by obtaining it through their municipality or regional district (38%) and receiving flyers at home (30%).



Q16. What is your preference for receiving recycling educational information? *Please select all that apply.* Base: All respondents (n=1,214)



Recall Educational Information about Recycling in Past Year

Received or seen any educational

Two in five (40%) respondents recall receiving/seeing some educational information about recycling in the past year.

The message most often recalled from the educational information refers to "items that can and can't be recycled" (20%) and "municipality recycling program/schedule" (13%).

Subject of educational information

20%

21%



Q16b. In the past year have you received or seen any educational information about recycling? Base: All respondents (n=1,214)

Q16c.What was the subject of the educational information about recycling you received/saw? Base: Recall receiving/seeing educational information about recycling in the past year(n=483)



Recycling Council of BC website/hotline



Awareness of Recycling Council of BC Hotline/Website

Far more respondents are aware of the Recycling Council of BC website (17%) than the hotline (5%), with awareness of the website also increasing more than the hotline compared to 2015. The proportion of those who are aware of both sources is similar to 2015.

Overall awareness of these sources of information remains low with seven in ten (69%) not aware of either the Recycling Council of BC website or hotline, which is consistent with 2015.



Q17. Before today, were you aware of the B.C. Recycling Hotline or website operated by the Recycling Council of British Columbia? Base: All respondents. 2018 (n=1,214); 2015 (n=1,243)



Recycling Council of British Columbia Hotline Usage

Just over one-third (36%) of respondents who are aware of the Recycling Council of BC hotline have ever called it. This is fairly consistent with 2015, although directionally lower, among those aware of the hotline.



Q18. Have you ever called the B.C. Recycling Hotline operated by the Recycling Council of British Columbia? Base: Aware of Hotline - 2018 (n=129), 2015 (n=143)



Recycling Council of British Columbia Website Usage

Two-thirds (65%) of respondents who are aware of the Recycling Council of BC website have ever visited it. This is far higher than in 2015 (39%) among those aware of this website.



Q19. Have you ever visited the website operated by the Recycling Council of British Columbia? Base: Aware of Hotline - 2018 (n=265), 2015 (n=143)



Additional comments about Extended Producer Responsibility program

The vast majority of respondents do not have any further comments about the Extended Producer Responsibility program. The few that do refer to "education/awareness in schools and communities" and "manufacturers should reduce amount of packaging."

Education/awareness in schools and communities	2%
Manufacturers should reduce amount of packaging	2%
More advertising	1%
Expand program	1%
Promote reduction of wasteful products	1%
Have accessible recycling depots/bins	1%
Return hard plastic packaging to stores	1%
Readily available information	1%
Offer incentives/compensation for recycling	1%

I have no further comments on the Extended Producer Responsibility program in B.C.

88%

Q20. Do you have any additional comments on the Extended Producer Responsibility program in B.C.? Base: All respondents (n=1,214)



APPENDIX 2018 Questionnaire



Ministry of Environment Consumer Awareness Survey of Extended Producer Responsibility Programs in BC Final - February 15, 2018

[ALL PROGRAMMING SKIPS MEAN TO SKIP TO PNOTE BEFORE QUESTION INDICATED1

YEAR

What is your year of birth?

Select Year Dropdown: _20002000 [Single Punch Dropdown PREQUAL]

Later than 2000 [TERMINATE]

19401940 Earlier than 1940

QUOTAGERANGE (hidden question) - optional

QUOTAGERANGE "this is a dummy question that will hold age breaks" for the quotas that should be defined by the PM.

18-24 25 - 34

35-44

45-54 55+

RESP_GENDER

What is your gender? Male 1 _2 Female

What is your postal code? (example: A8A-8A8)

[TERMINATE IF POSTAL CODE DOES NOT START WITH THE LETTER V]

GROUP INTO APPROPRIATE REGION, TRACK QUOTAS Lower Mainland (600) Vancouver Island (200) Interior (200) North (200)

[INTRO SCREEN] Welcome and thank you for participating in this survey.

Many communities in British Columbia have curbside blue box recycling services. This survey is NOT ABOUT these blue box services.

Instead, this survey IS ABOUT Extended Producer Responsibility programs in British Columbia formerly known as industry-led product stewardship programs. Extended Producer Responsibility is an environmental management strategy guided by the principle that whoever designs, produces, sells or uses a product takes responsibility for minimizing that product's environmental impact. These program services include taking a product that is no longer in use to a recycling depot, organized round up/collection days, and the return of products to retailers, and at times through reverse logistic with contractors doing work in your home.

AWARENESS AND PARTICIPATION

Q1. In general, what are the main reasons why you recycle? Please feel free to list more than one reason.

[OPEN END] (To be coded) I don't recycle Don't know

Q2a. How knowledgeable do you consider yourself to be about the impacts of NOT recycling? Please select one response

Very knowledgeable Somewhat knowledgeable Neither knowledgeable nor unknowledgeable Not very knowledgeable Not at all knowledgeable

Q3. Extended Producer Responsibility programs in B.C. allow many different products to be recycled. Before today, which of the following products did you know could be recycled through these programs? Please select all that you think can be returned for recycling.

[RANDOMIZE LIST]

Batteries (household) Beer cans and bottles Beverage containers (e.g., juice, water, pop, wine, alcohol) Car batteries Cell phones



Electronics such as computers, printers, monitors, televisions, stereos, speakers, gaming equipment Heating, ventilation, large air conditioning, plumbing products Used lubricating oil, filters and containers Large appliances Lighting products (e.g., light bulbs, lamps, fixtures) Outdoor power equipment (e.g., leaf blower, lawn mower) Pharmaceuticals Paints Small appliances (e.g., microwave oven, toaster oven, blender) Solvents and flammable liquids, gasoline, pesticides Smoke/fire/carbon monoxide detectors/alarms Styrofoam (e.g., packaging, food containers) Tires Thermostats None of these

Q4. In the last few years, which of these products have you personally recycled and which ones have you thrown in the garbage? Please select one response per row.

[COLUMNS]

Recycled or returned Sometimes recycle, sometimes garbage Thrown in garbage I have not owned or used this item Neither

[ROWS] [RANDOMIZE LIST] Batteries (household) Beer cans and bottles Beverage containers (e.g., juice, water, pop, wine, alcohol) Car batteries Cell phones Electronics such as computers, printers, monitors, televisions, stereos, speakers, aamina equipment Heating, ventilation, large air conditioning, plumbing products Used lubricating oil, filters and containers Large appliances Lighting products (e.g., light bulbs, lamps, fixtures) Outdoor power equipment (e.g., leaf blower, lawn mower) Pharmaceuticals Paints Small appliances (e.g., microwave oven, toaster oven, blender.) Solvents and flammable liquids, gasoline, pesticides Smoke/fire/carbon monoxide detectors/alarms Styrofoam (e.g., packaging, food containers) Tires

З

Thermostats

Q4a.When you last recycled each of these types of products, how convenient was the process?

[COLUMNS] Very Convenient Somewhat convenient Not convenient Don't know [ROWS] [INSERT ITEMS WHERE "RECYCLED OR RETURNED" AND "SOMETIMES RECYCLE, SOMETIMES GARBAGE" WAS SELECTED IN Q4] [RANDOMIZE LIST]

Batteries (household) Beer cans and bottles Beverage containers (e.g., juice, water, pop, wine, alcohol) Car batteries Cell phones Electronics such as computers, printers, monitors, televisions, stereos, speakers, gaming equipment Heating, ventilation, large air conditioning, plumbing products Used lubricating oil, filters and containers Large appliances Lighting products (e.g., light bulbs, lamps, fixtures) Outdoor power equipment (e.g., leaf blower, lawn mower) Pharmaceuticals Paints Small appliances (e.g., microwave oven, toaster oven, blender) Solvents and flammable liquids, gasoline, pesticides Smoke/fire/carbon monoxide detectors/alarms Styrofoam (e.g., packaging, food containers) Tires Thermostats

Q5. What is the main reason(s) that you have not recycled the following items? Please select all that apply.

[COLUMNS] I can't be bothered I didn't know the item was recyclable I don't know where to take it There is nowhere near me to take it I have no way to get it to where it can be recycled Other Don't know

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[ROWS]

[INSERT ITEMS WHERE "THROWN IN GARBAGE" AND "SOMETIMES RECYCLE, SOMETIMES GARBAGE" WAS SELECTED IN Q4] [RANDOMIZE LIST]

Q6. Which of the following products do you currently have in your home that are no longer in use/broken/expired that you have not returned for recycling? *Please select all that apply.*

[RANDOMIZE] [EXCLUDE THOSE ITEMS WHERE "I HAVE NOT OWNED OR USED THIS ITEM" WAS SELECTED IN Q4]

Batteries (household) Beer cans and bottles Beverage containers (e.g., juice, water, pop, wine, alcohol) Car batteries Cell phones Electronics such as computers, printers, monitors, televisions, stereos, speakers, gaming equipment Heating, ventilation, large air conditioning, plumbing products Used lubricating oil, filters and containers Large appliances Lighting products (e.g., light bulbs, lamps, fixtures) Outdoor power equipment (e.g., leaf blower, lawn mower) Pharmaceuticals Paints Small appliances (e.g., microwave oven, toaster oven, blender) Solvents and flammable liquids, gasoline, pesticides Smoke/fire/carbon monoxide detectors/alarms Styrofoam (e.g., packaging, food containers) Tires Thermostats None of these

Q7. What is the main reason(s) that you have not recycled the following items? Please select all that apply.

[COLUMNS] [INSERT ITEMS SELECTED IN Q6]

[ROWS - RANDOMIZE]

I am still using the item I am not using it, but plan to use it again in the future I plan to sell the item or give it away I plan to fix it I keep recyclables until I have enough to make a trip worthwhile I can't be bothered I didn't know the item was recyclable I don't know where to take it It is hazardous and I do not want to handle it I know where to take it, but I don't have the time to return it I have no way to get it to where it can be recycled Other Don't know

Q8. If you could make any recommendations to enhance your likelihood of recycling or your experience with recycling in your community what would they be?

[OPEN ENDED] (To be coded) I do not have any recommendations

these programs? Please select all that apply.

KNOWLEDGE OF PROGRAMS

Aside from the blue box and other packaging collection programs, the next few questions are about who funds, operates and regulates extended producer responsibility programs here in B.C.

[Q9 AND Q10 TO BE SHOWN ON THE SAME SCREEN - ROTATE Q9 AND Q10] Q9. To the best of your knowledge, who is responsible for funding (i.e. paying for)

Provincial Government Product Manufacturers Product Retailers Consumers Municipalities Other (specify) None of the above Don't know

Q10. To the best of your knowledge, who is responsible for actually operating (i.e. collecting, transporting, recycling) these programs? *Please select all that apply*.

Provincial Government Product Manufacturers Product Retailers Consumers Municipalities Other (specify) None of the above Don't know

5



GENERAL QUESTIONS ON CONSUMER BEHAVIOUR AND RECYCLING

[Q11 AND Q12 CAN BE ON SAME SCREEN – ROTATE Q11 AND Q12] Q11. When making a purchase, do you consider the **recyclability of the product** as part of your purchase decision?

Yes No

Q12. When making a purchase, do you consider the **recyclability of the** packaging that the product comes in as part of your purchasing decision?

Yes No

.....

Q13. Do you feel your purchasing decision for products and packaging have an impact on the design and manufacturing of those items?

Yes No Don't know

Q14. Thinking of products in your home or items you have thrown out in the past, what other products would you like to see added to B.C.'s extended producer responsibility programs?

[OPEN END] (To be coded) I have no suggestions for additional recyclable products Don't know

RECYCLING EDUCATION

Q15. Where would you first look for information if you wanted to reuse or recycle a product that could not be recycled through your local curbside recycling program? Please select one.

[RANDOMIZE]

My municipality or regional district The retail store where I purchased the product At a recycling depot The provincial government Yellow Pages Online search Other (please specify _____) Don't know

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Q16. What is your preference for receiving recycling educational information? Please select all that apply.

[RANDOMIZE]

Facebook / social media Email At retail stores Flyers to my home By searching the internet when I need information Through my municipality or regional district Other (please specify)

Q16b. In the past year have you received or seen any educational information about recycling?

Yes No Don't know

[IF CODE 1 IN Q16B ASK Q16C, OTHERWISE SKIP TO Q17] Q16c.What was the subject of the educational information about recycling you received/saw? Please be as specific as possible

[OPEN END] Don't remember

RECYCLING HOTLINE

Q17. Before today, were you aware of the B.C. Recycling Hotline or website operated by the Recycling Council of British Columbia? Please select one.

Yes, aware of the hotline Yes, aware of the website Yes, aware of both No, not aware of either Don't know

[ASK Q18 IF AWARE OF HOTLINE - CODES 1 or 3 IN Q17 CONTINUE. IF. CODE 2 SKIP. TO. Q19. IF NO OR DK. SKIP TO 20]

Q18. Have you ever called the B.C. Recycling Hotline operated by the Recycling Council of British Columbia? Please select one.

Yes No Don't know

[IF CODE 1 IN Q17 SKIP TO Q20, OTHERWISE CONTINUE]

[ASK Q19 IF AWARE OF WEBSITE - IF CODE 2 OR 3 IN Q17, OTHERWISE SKIP TO Q20]

Q19. Have you ever visited the website operated by the Recycling Council of British Columbia? *Please select one.*

Yes No Don't know

ADDITIONAL QUESTION

[ASK ALL]

Q20. Do you have any additional comments on the Extended Producer Responsibility program in B.C.?

[OPEN END] (not to be coded)

I have no further comments on the Extended Producer Responsibility program in B.C.

CONCLUSION

Thank you for participating in this survey! Your feedback will help the Province of British Columbia monitor and improve the effectiveness of Extended Producer Responsibility programs.

In British Columbia, Extended Producer Responsibility formerly known as industryled product stewardship is a government strategy that places 100% responsibility for product life cycle management on the producer and consumers of a product, and not on the general taxpayer or local government. Stewardship agencies provide services beyond the municipal programs such as curb side recycling.

This approach requires producers to collect and recycle leftover or used products as well as to stimulate the redesign of these products to make them less harmful and easier to recycle. It is the active role of the product producers, retailers and consumers to participate in product stewardship programs to ensure proper environmental management of products occurs at their end of life.

For information on recycling options, locations near you, and communitybased recycling initiatives, please contact:

The Recycling Council of British Columbia (RCBC) Hotline: 1-800-667-4321 For B.C.'s Lower Mainland: 1-604-732-9253 http://www.rcbc.bc.ca

For information on the provincial government's policy with respect to waste reduction and extended producer responsibility, please visit: <u>www.recycling.qov.bc.ca</u>

For information on the stewardship agencies and their programs/services please visit their collective site: <u>http://www.bcrecycles.ca/</u>

[REDIRECT TO http://www.rcbc.bc.ca]

