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June 29, 2022

Ministry of Environment
Attention: Director, Extended Producer Responsibility Programs
PO Box 9341, STN PROV GOVT
Victoria, BC V8W 9M1

Sent via Email: ExtendedProducerResponsibility@gov.bc.ca

Dear Director:

Re: 2021 BC Lamps & Lighting Equipment Extended Producer Responsibility Program Annual Report

Pursuant to the British Columbia Recycling Regulation, 449/2004, issued under the Environmental Management Act (O.C. 995/2004), please find attached the 2021 annual report for the British Columbia Lamps and Lighting Equipment Stewardship Program, for the period January 1, 2021 through December 31, 2021.

We request confirmation of receipt of the report.

If you have any questions regarding the report, please contact me at 778-331-6968 or via email at mannie@productcare.org.

Sincerely,

A handwritten signature in black ink, appearing to read "Mannie Cheung", with a stylized flourish at the end.

Mannie Cheung
Vice President, Operations

British Columbia Lamps & Lighting Equipment Extended Producer Responsibility Program

2021 Annual Report

Submitted to: Director, Extended Producer Responsibility Section
BC Ministry of Environment and Climate Change Strategy
PO Box 9341, STN PROV GOVT
Victoria, BC, V8W 9M1

Prepared by: Product Care Association of Canada
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June 29, 2022



productcare.org

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1 Executive Summary

This annual report has been prepared by Product Care Association of Canada (“Product Care”) based on the requirements set in the BC Lamps and Lighting Equipment Stewardship Plan dated and approved by the BC Ministry of Environment and Climate Change Strategy (BC MoECCS) on November 13, 2018 (“Program Plan”), and pursuant to the requirements of the Recycling Regulation B.C. Reg. 449/2004 (“Regulation”)¹. This annual report references the Program Plan with regard to the Program’s performance between January 1 to December 31, 2021.

The products captured under the British Columbia Lamps and Lighting Equipment Extended Producer Responsibility Program (“Program”) are broken down into thirteen Product Categories as listed in Table 1 below.

Table 1: Program Product Categories

Product Categories	<ol style="list-style-type: none">1. Fluorescent Tubes measuring ≤ 2 feet2. Fluorescent Tubes measuring > 2 feet and ≤ 4 feet3. Fluorescent Tubes measuring > 4 feet4. Compact Fluorescent Lights (CFL)/ Screw-In Induction Lamps5. Light Emitting Diodes (LED)6. High Intensity Discharge (HID), Special Purpose and Other7. Incandescent / Halogen8. Miniature Bulb Package9. Designated Small Fixtures / Decorative Light Strings10. Fixture Category A11. Fixture Category B12. Large Outdoor Fixtures13. Ballasts / Transformers (not integrated into lamps or fixture)
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A list of product categories is also detailed on the Program’s website:

<https://www.productcare.org/products/lights/british-columbia/>.

A complete list of products accepted and not accepted by the Program is available in the Program’s Product Guide available for download on Product Care’s website:

<https://www.productcare.org/app/uploads/2017/04/Lights-Product-Guide-EN.pdf>

The Program’s regulatory reporting requirements and key performance targets for 2021 are summarized in Table 2 and Table 3 below.

¹ Recycling Regulation B.C. Reg. 449/2004 Part 4, Schedule 3, Section 2 (1) (e).

Table 2: Regulatory Reporting Requirements and Key Performance Targets

Regulation Provision	Topic	Summary
Part 2, section 8(2)(a)	Public Education Materials and Strategies	<ul style="list-style-type: none"> • Website • Consumer-focused Awareness (Residential) <ul style="list-style-type: none"> - Television and Radio, Earned Media, Print, and Digital Advertising - Program Hotline - Community Events and Partnerships - PoS and PoR material • Industry-focused Awareness <ul style="list-style-type: none"> - Industry Events - Print and Digital Advertising - Online Industry Forums - ICI Outreach Campaign
Part 2, section 8(2)(b)	Collection System and Facilities	<p>The Program's collection system had 454 contracted collection sites. Additional collection services included:</p> <ul style="list-style-type: none"> • Courier service and direct pickup service for PCB containing ballasts • Direct pickup service from Large Volume Generators of lamps and pre-crushed lamps • 18 collection events
Part 2, section 8(2)(c)	Product Environmental Impact Reduction, Reusability and Recyclability	<p>Producers are working to reduce the environmental impact of lighting products through innovative product design and technology. Life-cycle management also plays an important role in reducing the environmental impact of lighting products. The proliferation of LEDs (which do not contain mercury) has resulted in fewer mercury-containing products entering the market.</p>

Regulation Provision	Topic	Summary
Part 2, section 8(2)(d)	Pollution Prevention Hierarchy and Product / Component Management	<ul style="list-style-type: none"> Lamps² were broken down into component parts and managed as follows: <ul style="list-style-type: none"> Glass was sent to be used as sandblasting material and aggregate in concrete. Metal was sent to various downstream metal sites for recovery and recycling. Phosphor powder containing mercury was stabilized and sent to secure landfill. Minor amount of mixed metal and plastic were sent to landfill from a research and development project Residential-use fixtures were broken down into various components for recovery / recycling. Commercial fixtures and non-PCB ballasts were collected and managed through the existing market-driven metal recycling system. PCB containing ballasts were collected and managed as hazardous waste and sent for incineration at licensed/permitted facilities.
Part 2, section 8(2)(e)	Product Sold and Collected and Recovery Rate	<ul style="list-style-type: none"> Program members reported selling 32,652,546 units of program product in 2021. In 2021, the Program collected an estimated: <ul style="list-style-type: none"> 7,039,875 units of lamps 1,102 tonnes of residential fixtures 10,681 kilograms of PCB containing ballasts 3,265 kilograms of crushed lamps Sampling at metal recycling facilities was cancelled due to the COVID-19 pandemic.
Part 2, section 8(2)(e.1)		<ul style="list-style-type: none"> See Table 15 for estimated lamp collection volumes by regional district. See Table 18 for estimated residential fixture collection volumes by regional district.
Part 2, section 8(2)(f)	Summary of Revenues and Expenses	<ul style="list-style-type: none"> The Program is funded by fees remitted by members on the sale of new program products sold in or into British Columbia. Audited financial statements for the reporting period are appended to the report (see Appendix D) along with the audited financial statements of Product Care Association of Canada.

² Includes whole lamps and crushed lamps.

Table 3: 2021 Key Performance Targets

2021 Key Performance Targets			
Regulation, Part 2 section 8(2)(g)			
2021 Program Plan Targets		2021 Performance	Strategies for Improvement
Consumer Awareness	Minimum 70%, surveyed bi-annually	79%	N/A
Accessibility Targets ³			
Residential Lamps	Minimum 95%	99.7% (2019)	N/A
Residential Fixtures	Minimum 95%	98.4% (2019)	N/A
Commercial Lamps	Minimum 95%	99.6% (2019)	N/A
Commercial Fixtures and Non-PCB Ballasts	Minimum 95%	96.2% (2019)	N/A

2 Program Outline

The Program has been in operation since 2010 under the management of Product Care Association of Canada (“Product Care”). Product Care is a federally incorporated, not-for-profit extended producer responsibility agency formed in response to extended producer regulations and is governed by a multi-sector industry board of directors.

In 2021, the Program operated in accordance with Product Care’s Program Plan approved by the BC MoECCS pursuant to the requirements of the Regulation. Producers of designated products are required to meet the obligations set out in Regulation. The Program is funded by membership fees, known as environmental handling fees (“EHF”), remitted to Product Care by its members based on unit sales in or into the province, of products identified in the Program Plan (“Program Products”). A current list of Program members is available here: <https://www.productcare.org/members/membership-documents/>.

Between January 1, 2021, and December 31, 2021, the Program captured end-of-life lamps and lighting equipment products from all sectors (residential, institutional, commercial and industrial) and diverted them from landfill.

³ This standard defines reasonable access as a 30 minute drive to a collection site in urban areas of population greater than 4,000 and a 45 minute drive to a collection site in rural areas with a population greater than 4,000. Rural communities are defined as cities, towns, resort municipalities and district municipalities with a population of between 4,000 and 29,999 outside the Metro Vancouver and Capital Regional Districts. Urban communities are defined as cities, district municipalities and towns within the Metro Vancouver and Capital Regional Districts with a population of 4,000 or more and cities and district municipalities with a population of 30,000 or more in the remainder of the province.

3 Public Education Materials and Strategies

In 2021, Product Care implemented a variety of tactics to educate and raise consumer awareness of lights and fixtures recycling in accordance with regulatory requirements. Product Care educated BC's public about lights and fixtures recycling year-round and province-wide yielding more than 232.9 million impressions. Public education efforts spanned from traditional channels, such as TV and industry publications to other media, including The Weather Network App and YouTube. The following section provides details regarding the Program's communication and public education activities in 2021.

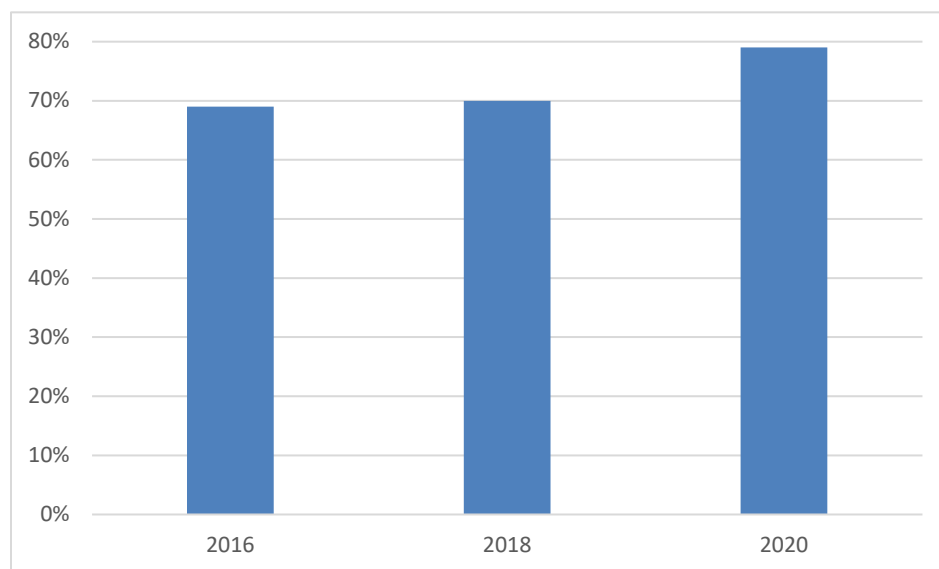
Consumer Awareness

3.1 Consumer Awareness

Consumer awareness results are derived from a (typically) bi-annual survey conducted by Stewardship Agencies of British Columbia (SABC). The most recent survey was conducted online in September 2020 and was representative of British Columbia's adult population, with a total sample size of 1,036.

According to a survey conducted by the SABC in fall 2020, 79% of British Columbians were aware that they could recycle lights in the province. This represents a nine per cent (9%) increase in awareness from the previous survey in 2018 and exceeds the Program's awareness target set at 70% (Figure 1). The consumer awareness survey was conducted by an independent survey company between September 8-14, 2020, using online surveying techniques. Respondents were asked the question "as far as you are aware, can light bulbs or tubes be recycled or safely disposed of in BC when they are no longer wanted." Product Care has seen stable awareness numbers over the past several surveys, reflecting the maturity of the Program and validating the efficacy of implemented public education tactics. The following figure offers a historical look at the stable awareness trends for the Program, referencing SABC survey results.

Figure 1: Consumer Awareness of the Ability to Recycle Lamps 2016-2020



3.2 Advertising Campaigns

In 2021, Product Care continued with our strategy for educating the public, which focuses on heavy targeted education during key times with core product user groups. The following tactics were executed in 2021 (see [Appendix A](#)), generating more than 232.9 million impressions across BC:

Year-round Tactics:

- **Point of Sale (PoS) / Point of Return (PoR)** – Free brochures, rack cards, posters and wallet reminders were made available to retailers and collection sites to educate consumers at PoS and PoR. Digital content such as blog posts and social media posts were also supplied to retailers to share with online audiences.
- **Hotline** – Product Care operated a toll-free hotline, as well as participated in the Recycling Council of British Columbia (RCBC) hotline and website/app service, which all answer consumer inquiries about product recycling. Combined, these services received a total of 5,922 consumer inquiries in 2021.
- **Website** – Product Care continues to operate a permanent website where consumers can find Program information year-round, which offers information about proper disposal, where to find a collection site, hours of operation, safety information, accepted and not accepted products, etc.
- **Google Search** – Ads ran year-round and targeted those who typed relevant search queries into Google, resulting in 11,652 impressions and 1,567 clicks.
- **Google Display & Discovery** – Ads ran year-round across Google's display network (including YouTube and Gmail) and targeted those who searched relevant keywords in Google, resulting in 10.4 million impressions and 38,085 clicks.
- **Social Media** – Throughout the year, Product Care shared relevant content about lights recycling across its social media platforms including Facebook, Instagram, and Twitter.
- **Municipal Calendars** – Product Care advertised in recycling calendars in Mission and Penticton with a total circulation of 29,700 calendars.

Seasonal campaigns:

- **TV** – 15 and 30-second animated TV ads ran on Global TV 24/7 October through December and static ads ran on Global News channels, generating 52.8 million impressions.
- **Corus media buys** – Product Care advertised on The Weather Network and HGTV January to February and October through December, resulting in 2.7 million impressions and 6,311 clicks.
- **Google Video Ads** – Ads ran September through November on the video streaming platform resulting in 265,966 impressions and 31,072 views for skippable ads in addition to 570,973 impressions of non-skippable 15 second videos.

- **Facebook Ads** – Product Care ran paid social media ads through Facebook, Instagram and Facebook’s Audience Network during key seasons throughout the year resulting in 2.6 million impressions and 34,504 clicks. Posts contained information about accepted lighting products, with a special focus on string lights in the run up to the holiday season.

3.3 Industry-Focused Awareness Campaigns

In 2021, the Program continued with the execution of its industry-focused awareness strategy as committed to in the Program Plan. Tactics employed are detailed below and examples of associated collateral are provided in [Appendix B](#).

3.3.1 Industry Events

Due to the pandemic, there were limited opportunities to participate in industry events in 2021. Product Care did sponsor Coast Waste Management Association’s online event from May 3 to June 14, Product Care sponsored the CWMA and attended their AGM & networking event on June 4, 2021.

3.3.2 Industry Campaigns

Print and E-Newsletter Ads

In 2021, Product Care employed various tactics to engage the commercial sector (e.g. electricians, property managers, developers, etc.), yielding more than 155,000 impressions. Promotion and education efforts spanned channels such as print, industry newsletters, trade publications, social media and digital advertising.

- **Business in Vancouver branded content:** Product Care pursued a new opportunity with Business in Vancouver (BIV) through a branded content campaign that ran in BIV’s Climate Change Magazine, which is circulated to 8,000 people.
- **Electrical Line:** A print ad ran in Electrical Line magazine’s May/June and September/October 2021 issue, which is circulated to 19,000 industry members. From July to December 2021, web and e-newsletter display banners promoted Product Care’s free commercial lights pick up services to these same audiences generating 43,077 impressions and 309 clicks in the website as well as 7,112 “opens” (users who opened the email containing the newsletter) and 104 link clicks on the newsletter sent in the email.
- **British Columbia Electrical Association:** Ads ran in the top banner position of the British Columbia Electrical Association’s (BCEA) monthly e-newsletters (12 total), receiving approximately 47,500 impressions and 82 opens of the email containing the newsletter.
- **Electro-Federation:** Through a sponsorship with Electro-Federation (EFC), Product Care had banners displayed in EFC’s general e-newsletters, distributed two targeted email blasts—focused on the commercial lights program—to EFC’s network and had a banner displayed year- round on the EFC website.

3.3.3 Industry Outreach Campaign with Wholesalers/Distributors

Product Care continued to engage with leading wholesalers/distributors to promote the program to the ICI sector in BC. The following tactics were used as part of the campaign:

- Info-sheet- – a one-page information sheet for distribution directly to ICI customers.
- Fact sheet – a one-page information resource for sales staff of the distributors/wholesalers to share information about the Program with their ICI customers.

4 Collection System

The Program provides a free and convenient collection system for consumers of Program Products. Product Care does not directly own or manage collection sites, but contracts with them based on the services they provide (see Section 4.1 for collection site service details). These sites include retailers, recycling organizations (both non-profit and for profit), local government recycling centers or transfer stations/landfills and other associations or businesses interested in participating in the Program.

Contracted collection sites accept “Program Products” as outlined in Table 4 below. A complete list of products accepted and not accepted by the Program is available in the Program’s Product Guide on Product Care’s website:

<https://www.productcare.org/app/uploads/2017/04/Lights-Product-Guide-EN.pdf>.

Table 4: Summary of Program Products

Summary of Program Products
Whole Lamps: <ul style="list-style-type: none"> • Fluorescent, induction and UV tubes of all lengths and shapes • Compact fluorescent lights (CFL) and screw-in induction lamps • Light emitting diodes (LED) • High intensity discharge lamps (HID) of all types • Special purpose lamps • Incandescent lamps • Halogen lamps • Miniature lamps
Pre-Crushed Lamps
Fixtures: <ul style="list-style-type: none"> • Small light fixtures and light strings • Portable fixtures, emergency/egress lights, small outdoor fixtures, decorative fixtures, and linear fixtures • Commercial and industrial non-linear fixtures • Large outdoor fixtures for use in institutional, commercial and industrial settings
Ballasts: <ul style="list-style-type: none"> • PCB Containing • Non-PCB Containing

4.1 Collection Sites

A collection site is a physical location where consumers can drop off Program Products at no charge. Collection sites can offer one or more collection services based on various factors. Services offered by collection sites are generally advertised to the public. In some cases, collection sites are not advertised where the location does not collect from the general public. Product Care enters into separate contracts with collection sites for each collection service offered and as a result, there is no one-to-one relationship between the number of sites and the number of services offered. The seven different collection services offered through the Program are listed in Table 5.

Table 5: Light Recycling Collection Service Types

Type of Service	Description
Advertised Residential Lamps	Collection sites accepting residential volumes of lamps (up to 16 units)
Advertised Residential Fixtures	Collection sites accepting residential volumes of fixtures
Advertised All Sectors Lamps (Commercial and Residential)	Collection sites accepting commercial volumes of lamps (up to one full skid spot)
Advertised Commercial Fixtures and Non-PCB Ballasts	Collection sites accepting commercial volumes of fixtures & non-PCB ballasts
Unadvertised Residential Fixtures	Collection sites accepting residential volumes of fixtures from specific sources only
Unadvertised Commercial Lamps	Collection sites accepting commercial volumes of lamps from specific sources only
Unadvertised Consolidators Lamps	Collection sites consolidating volumes of Program Products into larger quantities from specific sources only

The Program's collection system included 454 contracted collection sites, with 9 advertised sites added in 2021 and 7 advertised sites removed representing a net increase of 2 sites from 2020. See Table 6 for a list of these changes. See [Appendix C](#) for a full list of collection sites by location.

Table 6: Collection Sites Added/Removed in 2021

Depot Location	Depot Name	Change from 2020
70 Mile House	70 Mile Eco-Depot	Opened
Blue River	Blue River Eco-Depot	Opened
Castlegar	Ernie's Used Auto Parts	Opened
Clinton	Clinton Eco-Depot	Opened
Heffley Creek	Heffley Creek Eco-Depot	Opened
Hope	Mattress Recycling	Opened
Logan Lake	Logan Lake Eco Depot	Opened
Lytton	Lytton Eco-Depot	Opened
North Vancouver	LoLo Return-It Express Plus	Opened
Abbotsford	Wastech - Abbotsford Transfer Stn	Closed
Ashcroft	Quality Glass Ltd.	Closed
Cranbrook	Skyway Distributors Ltd	Closed
Kamloops	Thompson-Nicola Regional District - 660 M.F.Rd	Closed
Salmon Arm	Prisa Lighting	Closed
Vancouver	East Vancouver Bottle Depot	Closed
Whistler	The Re-Build-It Centre	Closed

Table 7 provides the number of contracted collection sites by Regional District.

Table 7: Contracted Collection Sites by Regional District

Regional District	# of Collection Sites
Alberni-Clayoquot	6
Bulkley-Nechako	10
Capital Regional District	42
Cariboo	9
Central Coast	4
Central Kootenay	12
Central Okanagan	15
Columbia Shuswap	6
Comox Valley	8
Cowichan Valley	14
East Kootenay	7
Fraser Valley	25
Fraser-Fort George	8
Kitimat Stikine	7
Kootenay Boundary	3
Metro Vancouver	158
Mt Waddington	10
Nanaimo Regional District	15

Regional District	# of Collection Sites
North Coast	4
North Okanagan	12
Northern Rockies	1
Okanagan Similkameen	15
Peace River	6
qathet	5
Squamish Lillooet	11
Strathcona	9
Sunshine Coast	7
Thompson Nicola	25
Total	454

The Program measures consumer access to collection facilities in accordance with the Accessibility Standard established by the Stewardship Agencies of BC (SABC). This Standard defines minimum accessibility levels as a 30-minute drive or less to a collection point in urban centres with a population greater than 4,000, and a 45 minute drive or less for those living in rural communities greater than 4,000 people. An accessibility study was conducted on contracted collections sites for 2019 by an independent third-party company. Table 8 provides the total population with access to collection site locations by collection site type as of December 31, 2019, based on the SABC Accessibility Standard. Since 2019, accessibility levels have not been impacted by site closures as all but one community⁴ with populations greater than 4,000 had additional collection sites. From 2019 to 2021 there were 36 collection sites that opened. Of these 36 sites, 1 collection site was added in a community with a population greater than 4,000 that did not previously have a collection site and 8 collections sites opened in communities that had populations under 4,000 creating greater accessibility throughout the province.

Table 8: Percentage of Population with Access to Collection Sites per SABC Accessibility Standard in 2019

Collection Site Type	% Population ⁵ (2019 Study)
Residential Lamps	99.7
Residential Fixtures	98.4
Commercial Lamps	99.6
Commercial Fixtures	96.2

⁴ With a population of 5,583 according to the 2021 national census, Creston represents 0.1% of the provincial population residing in communities with populations greater than 4,000.

⁵ Based on the SABC Accessibility Standard.

Service to Small Communities

In addition to providing access to residents in communities with populations greater than 4,000, the Program provided collection services beyond the SABC Accessibility Standard. Of the 454 contracted collection sites, 92 of those collection sites were in communities with populations less than 4,000. The Program also provided collection services to 6 communities with populations less than 4,000 through collection events.

Indigenous Communities

The Program also provided collection services (permanent collection sites) to a number of indigenous communities, including Lax Kw'alaams, Shalath and Bella Bella. In addition, the Program provided collection services to an additional 22 indigenous communities. Table 9 below lists these communities, which had agreements with local government to access their municipal collection site. Product Care also continued to participate as a member of the Indigenous Zero Waste Technical Advisory Group (IZWTAG).

Table 9: Indigenous Communities with collection services in 2021

Band Name	Depot
Penelakut First Nation	Bings Creek transfer station
Penticton Indian Band	Campbell Mountain Landfill
Cooks Ferry Indian Band	Logan Lake Eco-depot
Simpcw First Nation	Louis Creek Eco-depot
Coldwater Indian Band	Lower Nicola Eco-depot
Lower Nicola Indian Band	
Shackan Indian Band	
Nooaitch Indian Band	
Nicomen Indian Band	
Lytton First Nation	Lytton Eco-depot
Kanaka Car Indian Band	
Whispering Pines Indian Band	Mission Flats landfill
Osoyoos Indian Band	Oliver Landfill
Adams Lake Indian Band	South Thompson eco-depot
Neskonlith Indian Band	
Gwa'sala-'Nakwaxda'xw Nation	Seven Mile Transfer station
Tsal'alh band (Seton Lake)	Tsal'alh Eco-Depot - Seton Lake
Namgis	Seven Mile Transfer station
Quatsino	
Whe-La-La-U	
Hupacasath	Port Alberni Eco-depot
Tseshaht	

4.2 Large Volume Collections

In addition to collection sites, the Program provided free of charge, direct pick-up service for large volume generators (LVGs). LVGs are organizations/companies that generate qualifying quantities of Program Products at their own site or at offsite locations that would overburden any one collection site.

The following Program Products are covered under this service for specified minimum quantities:

- Whole lamps
- Drums of pre-crushed lamps
- PCB ballasts over 5kg

Product Care provided courier service for collections of PCB containing ballasts under 5kgs.

4.3 Collection Events

The Program continued to partner with local governments and not-for-profit organizations in holding collection events to provide collection services for Program Products. Table 10 lists the dates and locations of the 18 collection events in 2021 that the Program participated in.

Table 10: 2021 Collection Events⁶

Date	Location
April 17-18, 2021	Sayward*
May 15, 2021	Mission
June 19, 2021	Vancouver
July 10, 2021	Vancouver
August 21, 2021	Vancouver
September 11, 2021	Castlegar
September 18, 2021	Creston
September 18, 2021	Vancouver
September 19, 2021	Kaslo*
September 25, 2021	Silverton*
September 26, 2021	Nakusp*
October 1, 2021	McBride*
October 2-3, 2021	Quadra Island*
October 16, 2021	Vancouver
October 23, 2021	Chilliwack
October 23-24, 2021	Langley
November 24, 2021	Salmon Arm
December 10, 2021	Salmon Arm

⁶ Communities with an * have populations under 4,000.

5 Product Impact Reduction, Reusability and Recyclability

Lighting product producers continue working to reduce the environmental impact of lighting products through innovative product design and technology. New design and technology has addressed environmental concerns by reducing material use, increasing lamp life, increasing energy efficiency and increasing recycling rates.

Over the past couple of years, the primary focus has been on increasing the use of energy efficient and long life LED lamp technology. The advancement of LED lighting technology is having a significant impact on the lighting market as a whole. Manufacturers are focusing most of their efforts in this area and no longer spending research energy on expanding any of the traditional product lines of CFL, linear fluorescent, HID, incandescent or halogen. Acceptance of LED technologies has greatly increased as prices decrease. In fact, the acceptance and adaptation to LED technology has been much more rapid and widespread than most industry experts would have forecasted some years ago.

Due to the significantly longer lifespan of LED lights, sales have decreased for other traditional lighting technologies, such as halogen, incandescent, fluorescent, and HID lights. A review of lamp sales trends from the past three years reveals declining sales in all lamp categories, with the exception of LED lamp categories. According to members of Product Care's Light Recycling Advisory Committee, it can be expected that declining sales trends will continue for mercury containing lamps. In particular, sales of CFLs have experienced a decline at a faster rate than anticipated. The Advisory Committee foresees that CFLs will likely be eliminated from the market within the next two to three years. Furthermore, it is anticipated that fluorescent tubes will follow CFLs and likely be eliminated from the market in the next five to ten years. As older lighting technologies are eliminated from the market, the Advisory Committee expects that they will be replaced by LED lamp technologies. LEDs contain no mercury and have an even longer life of about 15,000-20,000 hours. Most CFLs, in comparison, only have an average life of 10,000 hours. It is expected that we will also likely see more and more integration of LEDs into fixtures.

The shift to more energy efficient and longer lasting lighting technology is clear. Most LED lamps are more than 50% more efficient than CFL lamps, reducing electricity use and reducing pollution from power generation.⁷ These changes all help to decrease the impact on the environment; longer life lamps help to reduce waste, new generation lamps contain less hazardous materials, and the reduction in the size of lamps reduces the amount of materials required to manufacture them and associated waste.

Lighting as a service is a growing business model which can offer consumers assistance with design, installation, operation, and maintenance. The responsibility of the lighting systems durability, reuse, and recycling at end-of-life remains with the companies providing this service in the lighting industry, leaving only the monetary responsibilities for lighting used (operation and maintenance fees) with the consumer. This strategy applies more circular economy principles providing a more sustainable way to use lighting and fixtures.

⁷ Personal Communication with representative of a major manufacturer.

6 Pollution Prevention Hierarchy and Product / Component Management

The objective of the Program is to minimize the improper disposal of Program Product by providing an effective collection program and ensuring that the collected materials are either recycled or disposed of in an environmentally responsible manner. Product Care works with its service providers to ensure Program Products are managed, within reason, using the highest option on the Pollution Prevention Hierarchy (PPH).⁸ The application of the PPH and the management option varies by Program Product depending on options available and economic feasibility.

After collection, Program Products are transported to the Program's primary processors. These processors include two for processing whole lamps, three for fixtures, one for crushed lamps and one for PCB containing ballasts. At the processors, with exception of PCB ballast, Program Products are broken down into their respective component materials and either processed on site or sent to a downstream processor for further processing. Information about how material was managed by the Program's primary processors was based on information provided to Product Care by the Program's primary processors. Processing and management details are set out below.

Lamp processors are required to conform to the Program's Lamp Processor Standard, which defines the minimum requirements to become an approved processor. The Standard sets out environmental, occupational health and safety, and material handling rules to ensure materials are handled appropriately.

Whole Lamps

Whole lamps were processed and broken down into various components under a controlled environment. As reported by the Program's processors, the component parts were recycled or disposed of as follows:

- Metal was sent to a downstream metal site for recycling.
- Glass was sent for use as sand blasting material and aggregate.
- Phosphor powder with mercury was stabilized and sent to secure landfill.
- A small amount of mixed metal and plastic from an unsuccessful research and development project was sent to landfill.

Crushed Lamps

Crushed lamps were sent to a processor and were managed using the same method applied to whole lamps with the same material end-fates, with the exception of glass which was used as aggregate in concrete.

Residential Fixtures

Residential fixtures contain materials similar to small appliances (e.g., metal, glass, plastics, etc.). The Program partnered with the Canadian Electrical Stewardship Association's (CESA) program (ElectroRecycle) to collect residential fixtures along with small appliances and power tools at CESA-contracted collection sites. They were shipped to three independent processors where they were

⁸ The pollution prevention hierarchy is explained on pages 9 and 10 of the BC Recycling Regulation Guide available here: https://www2.gov.bc.ca/assets/gov/environment/waste-management/recycling/recycle/recycle_reg_guide.pdf

comingled with other electronics and broken down into their respective components to be recycled and/or recovered.

Commercial Fixtures and Non-PCB Ballasts

Commercial fixtures and non-PCB ballasts were collected and managed outside the Program through the existing market-driven metal recycling system. According to a spokesperson from the Canadian Association of Recycling Industries⁹ (CARI), collected materials are sent to a downstream scrap metal recycling processor, where the main materials recovered are metals. All metal is extracted and recycled, and the remaining shredder residue is sent to landfill for use as landfill cover. The Program does not receive reporting from metal recyclers and therefore is not able to verify or report on the volume and portion of the material recycled and or disposed of through this system. Pursuant to agreement with the MoECSS, Product Care did not conduct sampling at metal recycling facilities in 2021 as a result of the pandemic.

PCB Containing Ballasts

PCBs are strictly regulated from transportation to disposal by the BC Ministry of Environment and Climate Change Strategy, Environment Canada, and Transport Canada. The Program contracted with a hazardous waste management company to collect, transport and manage PCB containing ballasts. Through the hazardous waste management company, the PCB ballasts were incinerated at high temperature in a licensed incinerator.

Table 11 provides a consolidated overview of the treatments and final disposition of materials derived from Program Products.

Table 11: Materials Processing

Material	Sub-Component	Downstream Processing	End-Fate
Lamps (all technologies)	Phosphor Powder with Mercury	Chemical treatment, stabilization	Securely landfilled
	Metal	Physical treatment and smelting	Recycled – metal commodity
	Glass	Physical treatment	Recycled as sand blasting material
			Recycled as aggregate
	LED Plastic ¹⁰	Physical treatment	Landfilled

⁹ It is the Program's experience and understanding that the vast majority of metal recycled in BC moves through eight CARI member companies.

¹⁰ Not all LED Plastic was sent to landfill. Only a portion was due to an R&D project implemented by one of the processors.

Material	Sub-Component	Downstream Processing	End-Fate
	Plastic	Physical treatment	Recycled as sand blasting material and aggregate
			Ground up and sent with metal for smelting, as an energy component
Crushed Lamps	Metal	Same as whole lamps	Same as whole lamps
	Glass	Physical treatment	Recycled as aggregate in concrete
	Mercury and Phosphor Powder	Same as whole lamps	Same as whole lamps
	Plastic	Physical treatment	Recycled as aggregate
Residential Fixtures ¹¹	Ferrous Steel	Production, Processing, Non-processing	Recycled
	Plastics	Processing	Recycled
	Aluminum	Production, Processing, Non-processing	Recycled
	Wire and cables and string lights	Refining, Non-processing	Recycled
	Copper	Processing, Refining	Recycled
	Glass	Processing, Non-processing	Recycled
	Circuit Boards	Refining	Recycled
	Rechargeable Batteries	Processing, Non-Processing, Reuse	Reuse, Recycled
	Paper Based Materials	Processing	Recycled
	Non-Rechargeable Batteries	Reuse, Processing, Non-Processing, Refining	Reuse, Recycled
Commercial Fixtures and non-PCB Ballasts	N/A	Managed through the existing market driven scrap metal recycling system	
PCB Containing Ballasts	N/A	Hazardous Waste Management Company sent to PCB licensed incinerator.	Incineration

¹¹ Downstream Processes are based on the descriptions provided by the Recycler Qualification Office (RQO) and EPSC Electronic Recycling Standard provided by verified Processors detailing the end disposition of product managed.

7 Product Sold, Product Collected and Recovery Rate

7.1 Products Sold

In 2021, members of the Program reported sales of 32,652,546 units of Program Products in BC. Table 12 shows the reported units sold in 2021 broken down by product category.

Table 12: Units Reported Sold by Product Category in 2021

Product Category	Units Reported Sold
1. Fluorescent Tubes measuring ≤ 2 feet	123,868
2. Fluorescent Tubes measuring > 2 feet and ≤ 4 feet	1,544,882
3. Fluorescent Tubes measuring > 4 feet	126,170
4. Compact Fluorescent Lights (CFL)/ Screw-In Induction Lamps	796,993
5. Light Emitting Diodes (LED)	11,662,177
6. High Intensity Discharge (HID) and Other	216,854
7. Incandescent / Halogen	3,723,417
8. Miniature Bulb Package	743,815
9. Designated Small Fixtures/Decorative Light Strings	7,998,918
10. Fixture Category A	5,202,632
11. Fixture Category B	144,500
12. Large Outdoor Fixtures	53,399
13. Ballasts/Transformers (not integrated into lamps or fixtures)	314,921
Total	32,652,546

7.2 Products Collected

In 2021, the Program collected approximately 7,039,875 units of lamps, 1,102 tonnes¹² of fixtures through residential collections, 10,681 kg of PCB containing ballasts¹³ and 3,265 kg¹⁴ of crushed lamps.

¹² Residential light fixtures are collected together with CESA products. The Program and CESA use a sampling protocol to determine the proportion of CESA products and lighting fixtures. The Program utilizes the sampling results to approximate the tonnage of residential light fixtures.

¹³ This weight includes the weight of the collection container.

¹⁴ This weight includes the weight of the collection container.

Table 13 provides a summary of the collection data. Collection quantities for the different Program Products are based on annual processor reports and/or estimated based on quantities processed and reported by the Program's processors between January 1 and December 31, 2021.

Table 13: Estimated Quantity of Product Collected in 2021

Program Product	Estimated Quantity Collected
Whole Lamps	7,039,875 units
Residential Fixtures	1,102 tonnes
PCB Containing Ballasts	10,681 kg
Crushed Lamps	3,265 kg

Table 14 presents a breakdown of the estimated number of units of each lamp Product Category collected by the Program in 2021.

Table 14: Whole Lamp Units Collected by Product Category

Lamp Product Category	Units Collected
1. Fluorescent Tubes (All sizes and shapes) ¹⁵	2,504,710
2. Compact Fluorescent Lights (CFL)/ Screw-In Induction Lamps	1,075,514
3. Light Emitting Diodes (LED)	514,621
4. High Intensity Discharge (HID) and Other ¹⁶	147,933
5. Incandescent / Halogen ¹⁷	2,797,097
Total Units Collected	7,039,875

¹⁵ This number includes 0-2', 2-4', 4-8', U and O shaped tubes and Poly-coated tubes. Poly-coated tubes are reported from the processor in length of feet. The length is then divided by 4 and rounded to nearest whole number to obtain reported units.

¹⁶ This number includes Sodium lamps, HPS lamps (High Pressure Sodium), Metal Halide lamps, Mercury Vapour lamps, Induction tubes, UVC lamps and tubes, and Neon tubes. Neon tubes are reported from the processor in length of feet. The length is then divided by 4 and rounded to nearest whole number to obtain reported units.

¹⁷ This number includes projector bulbs and miniature bulbs.

Table 15 sets out the estimated number of lamp units collected by individual regional districts.

Table 15: Estimated Units of Lamps Collected by Regional District in 2021¹⁸

Regional District	Estimated Lamp Units	Units/Capita ¹⁹
Alberni Clayoquot	34,179	1.02
Bulkley Nechako	13,320	0.35
Capital Regional District	536,897	1.29
Cariboo	50,521	0.80
Central Coast	0	0.00
Central Kootenay	41,663	0.67
Central Okanagan	281,180	1.27
Columbia Shuswap	70,060	1.23
Comox Valley	92,922	1.28
Cowichan Valley	172,922	1.94
East Kootenay	60,205	0.91
Fraser Fort George	124,116	1.28
Fraser Valley	426,902	1.32
Kitimat Stikine	37,604	1.00
Kootenay Boundary	51,989	1.57
Metro Vancouver	5,213,277	1.97
Mt. Waddington	8,551	0.79
Nanaimo Regional District	251,404	1.48
North Coast	14,978	15.27
North Okanagan	111,473	1.22
Northern Rockies	3,430	0.77
Okanagan Similkameen	78,510	0.87
Peace River	41,670	0.68
qathet	22,090	1.03
Squamish Lillooet	62,360	1.23
Strathcona	36,365	0.76
Sunshine Coast	67,448	2.10
Thompson Nicola	122,334	0.85
Total	8,028,370	1.61

¹⁸ The estimated quantities were calculated by multiplying an average of units per box type (based on historical sampling) by total boxes received according to product type as reported by the Program's processors.

¹⁹ Regional district populations based on 2021 census data.

Due to the variability in the number of units actually collected within a box, the total number of units by regional district reported in Table 15 only represents an estimate of collected units and does not necessarily reflect the actual number of units collected by regional district.

Table 16 presents a breakdown of the estimated weight of PCB-containing ballasts collected by regional district by the Program in 2021.

Table 16: Approximate Weights of PCB-Containing Ballasts²⁰

Regional District	Approximate PCB-Containing Ballast Weight (Kg)
Alberni Clayoquot	47
Capital Regional District	2,345
Cowichan Valley	1,092
Fraser Valley	83
Fraser-Fort George	25
Metro Vancouver	5,623
Nanaimo	860
Okanagan-Similkameen	12
Thompson-Nicola	596
Total	10,681²¹

Product Care partners with CESA for the collection of residential light fixtures. As fixtures are collected comingled with CESA and OPEIC products, the Program, CESA and OPEIC use a sampling protocol to determine the proportion of CESA products, OPEIC products and lighting fixtures collected in CESA's collection containers. The proportion of lighting fixtures determined through sampling is applied to the total weight of material collected by CESA to approximate the tonnage of residential light fixtures collected. Table 17 shows the approximate tonnage collected by each Program. Table 18 provides the approximate weight of product collected by regional district.

Table 17: Approximate Weights Collected by Program in 2021

Year	Light Fixtures Tonnage Collected (tonnes)	CESA Tonnage Collected (tonnes)	OPEIC Tonnage Collected (tonnes)
2021	1,102	5,370	280

²⁰ This table only lists Regional Districts that reported PCB Ballast collections. Regional Districts that did not report collections are not listed.

²¹ The values shown do not add up to the total value due to rounding.

Table 18: Approximate Weights of Residential Fixtures Collected and Weight Collected per Capita by Regional District in 2021

Regional District	Approximate Fixture Weight (Kg)	Kg/capita ²²
Alberni Clayoquot	3,683	0.11
Bulkley Nechako	4,150	0.11
Capital Regional District	104,538	0.25
Cariboo	9,234	0.15
Central Coast	652	0.18
Central Kootenay	9,163	0.15
Central Okanagan	86,379	0.39
Columbia Shuswap	11,730	0.21
Comox Valley	25,539	0.35
Cowichan Valley	21,625	0.24
East Kootenay	6,919	0.11
Fraser Fort George	17,328	0.18
Fraser Valley	60,341	0.19
Kitimat Stikine	7,933	0.21
Kootenay Boundary	12,703	0.38
Metro Vancouver	539,538	0.20
Mt. Waddington	4,483	0.41
Nanaimo Regional District	39,651	0.23
North Coast	3,773	3.85
North Okanagan	27,091	0.30
Northern Rockies	238	0.05
Okanagan Similkameen	27,333	0.30
Peace River	7,384	0.12
qathet	3,130	0.15
Squamish Lillooet	12,368	0.24
Strathcona	9,857	0.20
Sunshine Coast	13,055	0.41
Thompson Nicola	32,496	0.23
Total	1,102,313²³	0.22

²² Regional district populations based on 2021 census data.

²³ The values shown do not add up to the total value reported due to rounding.

7.3 Commercial Fixtures and Non-PCB Ballasts

Commercial fixtures and non-PCB containing ballasts were collected and managed outside the Program through the existing market-driven metal recycling system. These facilities manage various types of scrap metal obtained from a range of products. Given the relative size and volume of the Program Products, the manner in which materials are received at metal recycling facilities, and the space and resources required to separate Program Products on site, it is not practical for metal recycling facilities to segregate commercial fixtures and non-PCB containing ballasts from the mixed-stream of recycled products and provide discrete collection volumes to report out on units collected.

Due to the COVID-19 pandemic, the Ministry confirmed that the Program could cancel sampling of metal recycling facilities in 2021.

7.4 Waste Composition Audits

Waste composition audits are conducted, in partnership with local governments and other extended producer responsibility programs, to confirm the extent of Program Product going to landfill. The Program committed to participate in annual waste composition studies committed to by SABC.

SABC and the Program participated in three waste composition studies in 2021 undertaken in partnership with the Regional District of Okanagan-Similkameen and the Regional District of Central Okanagan. Table 19 presents the results of the audits.²⁴ The Program also committed to report the total amount of batteries found per waste audit conducted, as batteries cannot necessarily be associated with specific products found during the audit.

Table 19: Waste Composition Audit Results

Regional District	Location	Program Product (kg/capita)	Batteries (kg/capita)	Batteries (units)
Regional District of Okanagan-Similkameen	Campbell Mountain Landfill	0.22	0.66	184
Regional District of Central Okanagan	Glenmore Landfill	1.02	0.76	123

8 Summary of Expenditures and Fees

The Program is funded by members based on environmental handling fees (EHFs) applied to the sale of new Program Products in or into British Columbia. The fee may be passed on by the member to their customers, either as a visible fee or by incorporating the cost directly into the price of the product.

²⁴The results reflect extrapolated weights per capita based on a small sample of material audited at the landfill. This provides a snapshot of the waste stream during each sampling period and may not account for variances in composition throughout the year.

All fees were used for program purposes; directly funding the promotion, administration, collection, transportation, and recycling of collected products. Table 20 provides a list of the 2021 EHF rates per unit for each product category.

Table 20: 2021 EHF Rate Schedule

Product Category	Fee Category	EHF
Lamps	1. Fluorescent/Induction/UV Tubes measuring ≤ 2 feet	\$0.20
	2. Fluorescent/Induction/UV Tubes measuring > 2 feet and ≤ 4 feet	\$0.40
	3. Fluorescent/Induction/UV Tubes measuring > 4 feet	\$0.80
	4. Compact Fluorescent Lights (CFL)/ Screw-In Induction Lamps	\$0.15
	5. Light Emitting Diodes (LED)	\$0.15
	6. High Intensity Discharge (HID) and Other	\$1.10
	7. Incandescent / Halogen	\$0.05
	8. Miniature Bulb Package	\$0.10
Fixtures	9. Designated Small Fixtures / Decorative Light Strings	\$0.15
	10. Fixture Category A	\$0.15
	11. Fixture Category B	\$0.15
	12. Large Outdoor Fixtures	\$0.15
Ballasts	13. Ballasts	\$0.15

A copy of the independent financial audit of the Program's revenues and expenses can be found in [Appendix D](#). A copy of Product Care's consolidated audited financial statements for 2021 can be found in [Appendix E](#). See [Appendix F](#) for the Third-Party Assurance Statement for Non-Financial Information for the 2021 annual report.

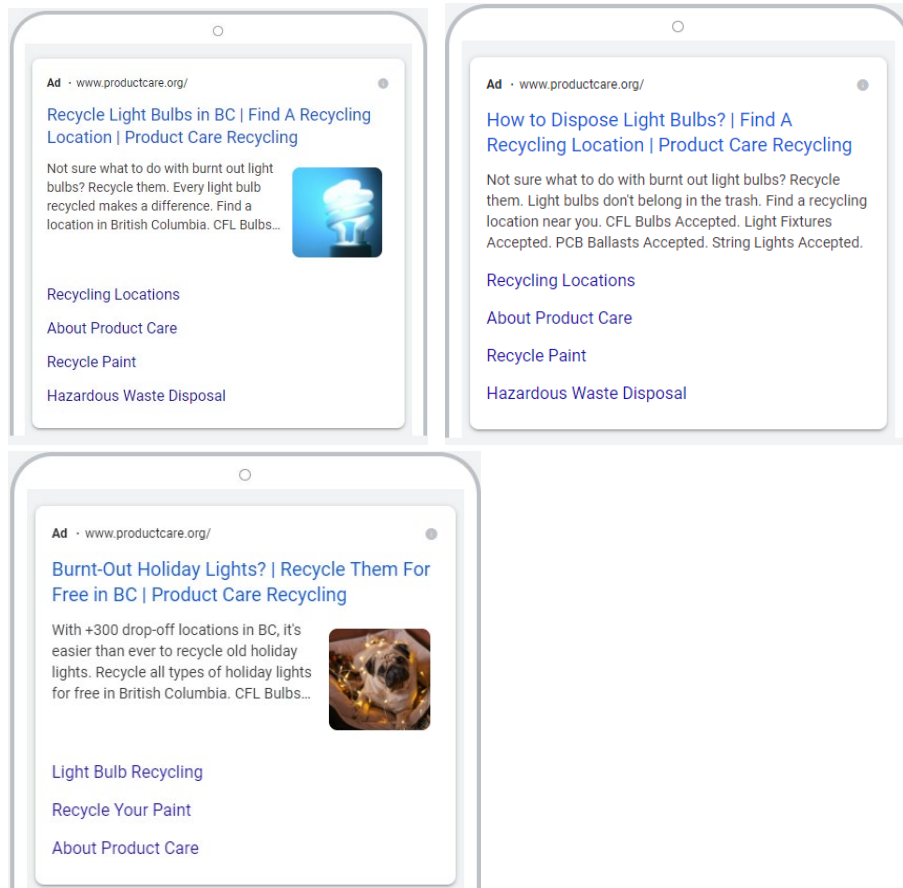
9 Plan Performance

2021 Key Performance Targets			
Regulation, Part 2 section 8(2)(g)			
2021 Program Plan Targets		2021 Performance	Strategies for Improvement
Consumer Awareness	Minimum 70%, surveyed bi-annually	79%	N/A
Accessibility Targets ²⁵			
Residential Lamps	Minimum 95%	99.7% (2019)	N/A
Residential Fixtures	Minimum 95%	98.4% (2019)	N/A
Commercial Lamps	Minimum 95%	99.6% (2019)	N/A
Commercial Fixtures and Non-PCB Ballasts	Minimum 95%	96.2% (2019)	N/A

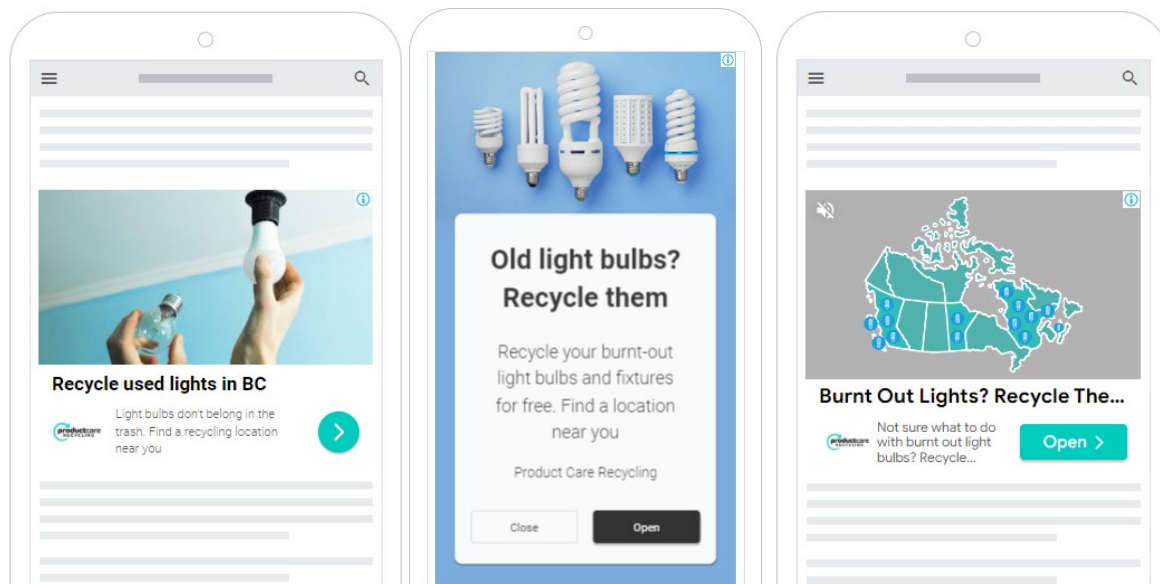
²⁵ See note 3.

Appendix A - Public Awareness Advertising and Communication Material

Google Search ads

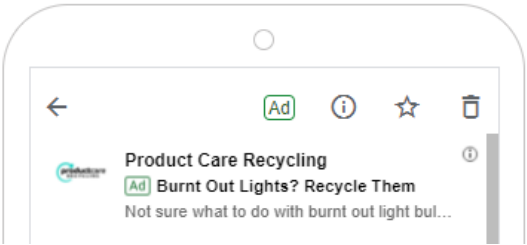


Google Display – Dynamic ads

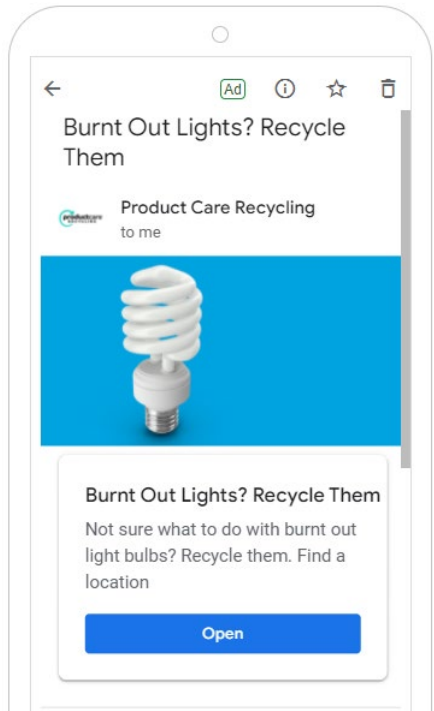


Google Display - Gmail ads

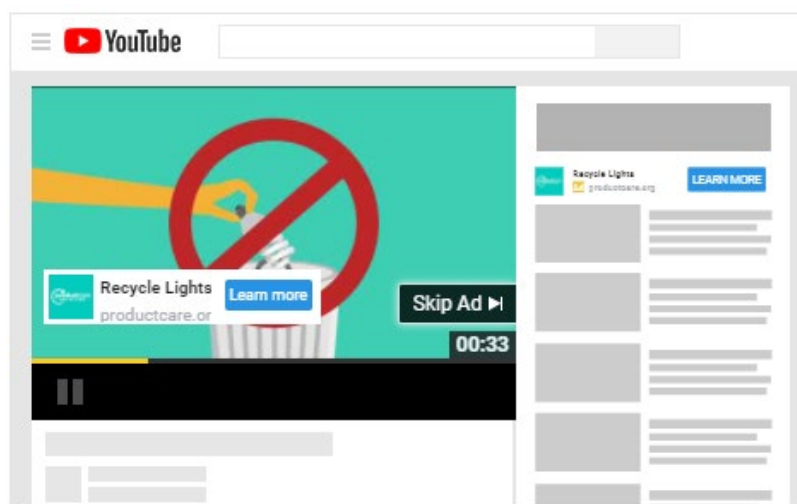
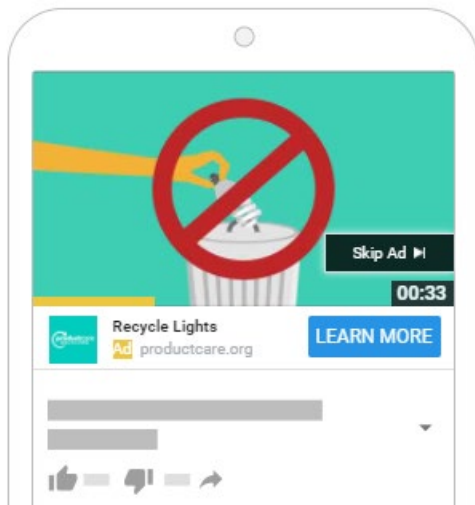
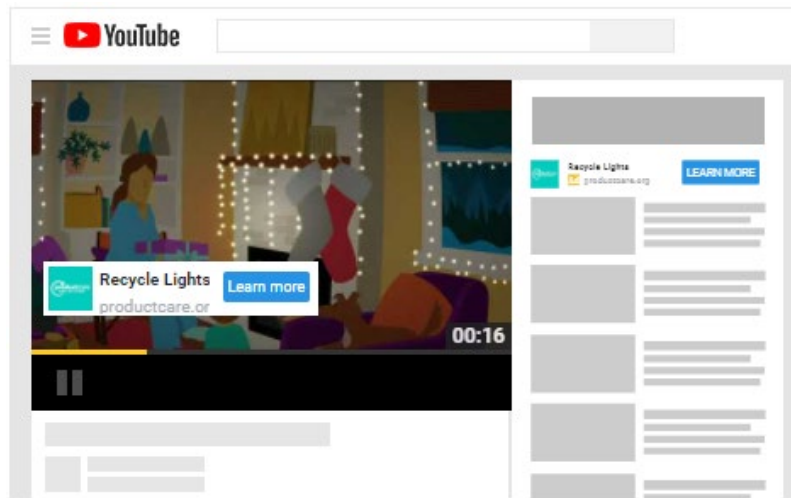
Closed




Open




YouTube ads



Facebook Ads



Product Care Recycling
 Sponsored · 🌱

It's getting a bit chilly out there! Here are 4 energy efficient ways to warm up your home for winter. #winter #sustainability




PRODUCTCARE.ORG
4 energy efficient ways to warm up your home - Produ...

[LEARN MORE](#)



Product Care Recycling
 Sponsored · 🌱

Burnt-out light bulbs don't belong in the trash! ♻️ Learn why it's important to recycle them. #recycle #lights




PRODUCTCARE.ORG
Why it's so important to recycle your light bulbs

[LEARN MORE](#)


Product Care Recycling
 Sponsored · 🌱

Winters on the way! ❄️ Here are 3 ways to save energy during the cooler months.



PRODUCTCARE.ORG
3 ways to save energy in the winter - Product Care...

[LEARN MORE](#)


Product Care Recycling
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All the questions you have about light bulb recycling are answered here: <https://www.productcare.org/about> ...See more



Product Care Recycling
 Waste Management Company

[LEARN MORE](#)


Product Care Recycling
 Sponsored · 🌱

Not sure what to do with your burnt-out lights and fixtures? Recycle them! Find out where.



PRODUCTCARE.ORG
Recycle Your Light Bulbs
 Find a Recycling Location

[LEARN MORE](#)


Product Care Recycling
 Sponsored · 🌱

Have any burnt out light bulbs in your home? Recycle them at more than 1,300 locations in BC, MB, QC and PEI. (Link in bio) ...See more



PRODUCTCARE.ORG
Recycle Light Bulbs in Manitoba - Product Care...

[LEARN MORE](#)


Product Care Recycling
 Sponsored · 🌱

Light bulbs and fixtures don't belong in the trash. Find a recycling location near you.



PRODUCTCARE.ORG
Recycle Your Light Bulbs
 Find a recycling location

[LEARN MORE](#)



Recycle Lights
 productcare.org

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Recycle Lights
 productcare.org

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Website blog posts



Blog

4 energy efficient ways to warm up your home for winter

8th November 2021



Blog

5 low waste Halloween decoration ideas

15th October 2021

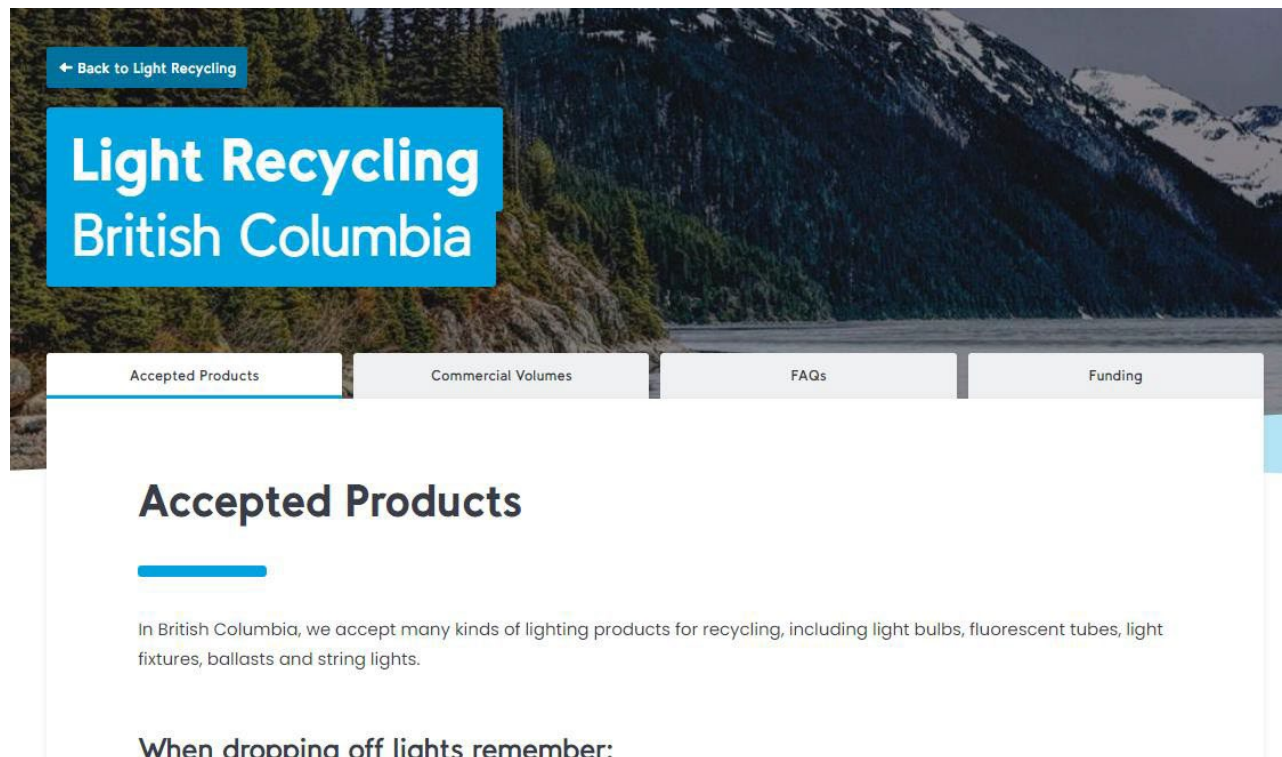


Blog

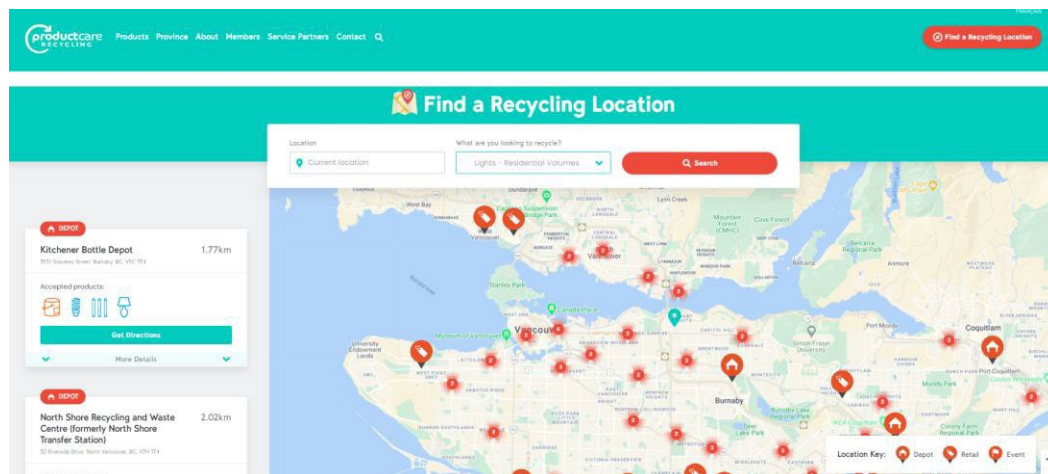
5 tips to make your home cozier for fall

24th September 2021

Website – program page



Website - Recycling locator tool



TWN Display ads



Recycling calendars



Print materials - brochure

Large volumes of burnt out light bulbs or tubes?

- If you have **16 bulbs to one pallet of whole bulbs or tubes**, visit productcare.org to find a free recycling location that accepts commercial volumes.
- If you have **more than one pallet of whole bulbs or tubes**, you may qualify for free pick up. A pallet is equal to 750 four foot fluorescent tubes, 1200 CFL bulbs, 800 HID bulbs, or a combination of these bulbs and tubes that equates to the same volume.



See if you qualify for free pick up by emailing pickup@productcare.org or calling 1-888-811-6234

How Is Product Care funded?

Product Care Recycling programs are funded by environmental handling fees (EHFs), which are remitted to us by our lights industry members.

The fees are not a tax or a refundable deposit. The fees are used to operate the programs, including collection, transportation, and recycling of lights, as well as program administration and consumer education.

EHFs are sometimes itemized on sales receipts. For specific product fees, visit productcare.org.



Burnt out light bulbs or broken fixtures?

Recycle them for free!
Visit productcare.org to find a recycling location near you.



Accepted Light Bulbs

- Compact fluorescent lights (CFLs)
- Fluorescent tubes
- Halogen and incandescent bulbs
- Light emitting diodes (LEDs)
- UV and germicidal bulbs
- Miniature bulbs
- High-intensity discharge (HID) and special purpose bulbs



Return limit at residential sites: 16 bulbs/tubes
Return limit at commercial sites: 1 pallet
Note: Limits may vary per site

Accepted Lighting Fixtures & Ballasts**

This includes, but is not limited to:

- Bike lights
- Ceiling fixtures
- Chandeliers
- Electric candles
- Flashlights
- Floor lamps
- Night lights
- Non-PCB ballasts
- Outdoor fixtures
- Recessed/pot lights
- Security lights
- String lights
- Table and desk lamps
- Wall fixtures

Return limit at residential sites: 5 fixtures
Return limit at commercial sites: dependent on specific location. **Note: limits may vary per site**

**If you have any PCB ballasts, please call 604-592-2972 ext. 236 for pick up

Not Accepted Products

- Alarms, phones, and devices for the visually impaired
- Laser pointers and other laser products
- Sunshine simulators
- Holiday decorations (other than string lights and stake lights) such as jack-o-lanterns, decorative sculptures, and plastic Santas
- Horticultural lighting fixtures such as greenhouse or grow lamp fixtures
- Lava lamps
- Aquarium equipment
- Camera and video accessories
- Bug zappers
- Auto fixtures
- Propane and gas powered lights
- Black light equipment
- Electronic billboards
- Exit signs without light heads
- Fencing, fountains, or garlands with integrated lights
- Decorative keychains with integrated lights
- Backlit signs
- Neon signs
- Plasma balls
- Mirror ball lights



Who Is Product Care?

Product Care Recycling is a federally incorporated not-for-profit organization that responsibly manages products at end-of-life. We keep hazardous materials out of our landfills and waterways, conserve resources, and protect the planet by recycling millions of light bulbs each year.

Visit productcare.org to find a recycling location near you.

productcare.org
1-877-592-2972





Light Fixtures

For a full list of accepted products, visit productcare.org



Accepted Fixture Products

- Bike lights
- Ceiling fixtures
- Chandeliers
- Desk and table lamps
- Electric candles
- Flashlights
- Floor lamps
- Night lights
- Non-PCB ballasts
- Outdoor fixtures
- Recessed/pot lights
- Security lights
- String lights
- Wall fixtures



Return limit at residential sites: 5 fixtures
 Return limit at commercial sites: dependent on location
 Limits may vary per site



Not Accepted Products

- Alarms, phones, and devices for the visually impaired
- Holiday decorations (other than string lights and stake lights)
- Lava lamps
- Camera and video accessories
- Bug zappers
- Auto fixtures
- Propane and gas powered lights
- Black light equipment

IT IS STRICTLY PROHIBITED TO ABANDON MATERIALS AT THIS SITE

Emergency contact:
 1-877-592-2972



Lights

For a full list of accepted products, visit productcare.org



Accepted Lighting Products

- Compact fluorescent lights (CFLs)
- Fluorescent tubes
- Halogen and incandescent bulbs
- Light emitting diodes (LEDs)
- UV and germicidal bulbs
- Miniature bulbs
- High-intensity discharge (HID) and special purpose bulbs



Return limit at residential sites: 16 bulbs/tubes
 Return limit at commercial sites: 1 pallet
 Limits may vary per site

IT IS STRICTLY PROHIBITED TO ABANDON MATERIALS AT THIS SITE

Emergency contact:
 1-877-592-2972



Print materials – collection site signage



Appendix B - Industry-Focused Awareness Advertising and Communication Materials

Business In Vancouver (BIV) – Climate Change Magazine



Leftover paint, burnt out lights, or expired alarms piling up?

Help protect the environment. Recycle them.

Recycling paint, lights, and smoke/CO alarms reduces your company's environmental impact by preserving valuable landfill space and ensuring hazardous materials are kept out of our soil and water sources.

Drop off small volumes of paint, lights, and alarms for free at a recycling location near you. Large volumes may qualify for **FREE** pick up.

Visit productcare.org or contact us for more information.

CALL
1-877-592-2972 ext. 216

EMAIL
ops@productcare.org

Visit productcare.org for a full list of accepted products or to find a location near you.



Large quantities of used lights? Recycle them at no cost

Recycling light bulbs and tubes ensures that recyclable components (like glass and metal) are reused and hazardous materials are kept out of our landfills, soil, and waterways.



If you have one bulb to under a pallet, drop them off for free at more than 160 locations across BC



Large quantities (over a pallet) may qualify for free pickup. To see if you're eligible, call [1-888-811-6234](tel:1-888-811-6234) or email bcdispachlights@productcare.org

Visit productcare.org/EL for more information on improving your company's environmental footprint.



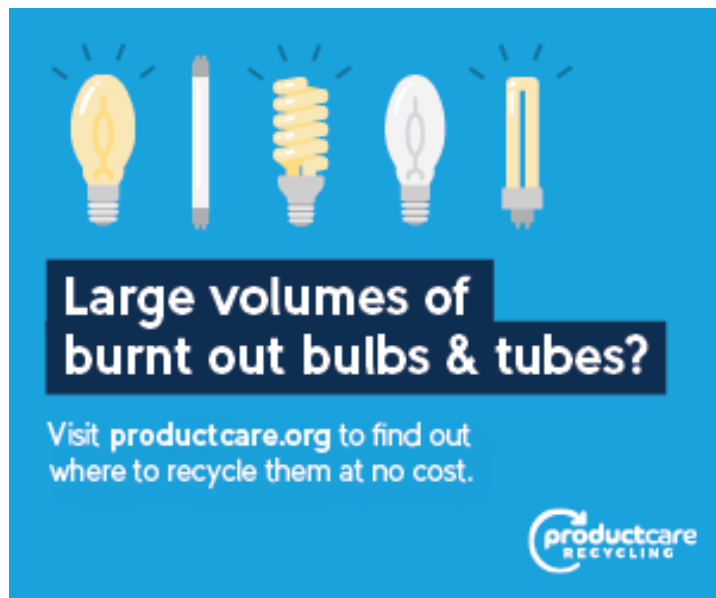
BCEA ads



BIV digital ads



Electro Federation of Canada (EFC) digital ads



Electrical Line digital ads



Electro Federation of Canada (EFC) Newsletter

English

Pour le français veuillez cliquer [ici](#)



Why should your business recycle its used lights?

Some light bulbs contain small amounts of hazardous material that can contaminate our soil and water sources if not managed responsibly at their end-of-life. For example, compact fluorescent lights, fluorescent tubes and high intensity discharge lights all contain mercury.

The amount of mercury in these lights may seem small, but it's enough to negatively impact the environment if not properly managed.



And while other types of lights may not contain hazardous material, they should still be recycled to avoid creating unnecessary landfill waste—the glass and metal components can be recycled and used again, thereby conserving resources.

Here are [three reasons](#) why your company should recycle its used lights and how Product Care Recycling can help.

If you're located in British Columbia, Manitoba, Quebec or Prince Edward Island, you can recycle your businesses used lights at no cost. Larger volumes may even qualify for free pick up!

Visit productcare.org/efc for a full list accepted lighting products and to find a commercial volumes recycling location near you.

French



Pourquoi votre entreprise devrait-elle recycler ses lampes usagées ?

Certaines ampoules contiennent de petites quantités de matières dangereuses pouvant contaminer nos sols et nos sources d'eau si elles ne sont pas gérées de manière responsable en fin de vie utile.

Les lampes fluocompactes, les tubes fluorescents et les lampes à décharge à haute intensité contiennent du mercure, et, même si la quantité de mercure peut paraître faible, celle-ci est suffisante pour avoir un impact négatif sur l'environnement.



A contrario, d'autres types de lampes ne contiennent pas de matières dangereuses, celles-ci doivent tout de même être recyclées. Leurs composants de verre et de métal peuvent être recyclés et réutilisés, préservant ainsi nos ressources.

C'est à ce stade qu'intervient l'Association pour la Gestion Responsable des Produits du Canada.

Que vous soyez en Colombie-Britannique, au Manitoba, au Québec ou à l'Île-du-Prince-Édouard, vous pouvez recycler gratuitement les lampes usagées de votre entreprise. Les volumes importants peuvent même bénéficier d'une collecte gratuite !

Visitez productcare.org/efc/fr pour obtenir la liste des produits acceptés et localiser le point de dépôt dédié aux volumes commerciaux le plus près de chez vous.



Lights, fixtures and ballasts recycling fact sheet

Product Care's extended producer responsibility program provides a turn-key recycling solution for lights (lamps) in British Columbia, Manitoba, Quebec and Prince Edward Island, as well as lighting fixtures and ballasts in British Columbia.

You are on the front lines, interacting with your customers of these products on a daily basis, and together we can ensure your products are managed responsibly when they reach end of life.

Do your part to protect the environment by sharing information about our lights recycling service with your customers.

Key Information



- There are 1,300 recycling locations across Canada
- Find a recycling location near you at productcare.org
- You and your customers can drop off used lights at **no cost**. More than 100 locations in British Columbia also accept lighting fixtures
- Large quantities of used lights may qualify for **free pickup**

Who to contact?

For more information on which lights can be recycled in your province and whether your company qualifies for free pickup, contact Product Care by emailing bcdispachlights@productcare.org or calling 1-888-811-6234.

Why recycle used lights and lighting equipment?

Some lights, such as CFLs, fluorescent tubes and HIDs, contain mercury. This makes them hazardous to health and the environment when broken, crushed, or not properly managed.

Recycling lights and fixtures ensures that any hazardous materials they contain are managed responsibly, while the glass and metal components can be recycled and used again, thereby conserving resources.

What are the benefits of promoting recycling for your company?

- 1 Provides you and your customers with a no-cost solution to dispose of their used lights (and lighting fixtures and ballasts in British Columbia), and reduces waste disposal costs.
- 2 Aligns your company with your customers' green procurement and sustainability strategies, thereby promoting customer loyalty.
- 3 Demonstrates that your company is a responsible corporate citizen and that you take responsibility for how your products are managed at end of life.



Recycle lights, fixtures and ballasts at no cost

Does your company have used lights, fixtures or ballasts?

You can recycle lights (lamps) at 1,300 recycling locations across British Columbia, Manitoba, Quebec and Prince Edward Island, as well as fixtures and ballasts at more than 100 recycling locations in BC.

Lighting products included by Province:

	BC	MB	QC	PEI
Fluorescent tubes	✓	✓	✓	✓
Compact fluorescent lights (CFL) / screw-in induction lights	✓	✓	✓	✓
High intensity discharge (HID)	✓		✓	✓
Light emitting diodes (LED)	✓			✓
Incandescent / halogen	✓			✓
Miniature lights	✓			✓
Lighting fixtures and products	✓			
Ballasts	✓			

Have large quantities of lights and tubes?

To see if you qualify for a free pickup, email bcdispatchlights@productcare.org or call 1-888-811-6234.

Why recycle used lights and lighting equipment?

When mercury-containing lights, like compact fluorescent lights (CFLs) and fluorescent tubes, are thrown in the garbage, they can contaminate our soil and water supplies and add to landfill waste.

Recycling lights, fixtures and ballasts ensures that any hazardous materials they contain are managed responsibly, while the glass and metal components are recycled and used again, thereby conserving resources and reducing waste.



At Product Care, we take care of our planet by keeping hazardous waste and precious resources out of landfills and waterways. Recycling your used lights and lighting products shows that your company cares about the environment too.

Appendix C - List of Contracted Collection Sites as of December 31st 2021

	Depot Name	City	Regional District
1.	7 Mile Landfill and Recycling	Port McNeill	Mt. Waddington
2.	70 Mile House Eco-Depot	70 Mile	Thompson Nicola
3.	Abbotsford Bottle Depot	Abbotsford	Fraser Valley
4.	Abbotsford Mission Recycling Depot	Abbotsford	Fraser Valley
5.	ABC Recycling	Burnaby	Metro Vancouver
6.	ABC Recycling	Campbell River	Strathcona
7.	ABC Recycling	Fort St. John	Peace River
8.	ABC Recycling	Kelowna	Central Okanagan
9.	ABC Recycling	Prince George	Fraser Fort George
10.	ABC Recycling	Surrey	Metro Vancouver
11.	ABC Recycling	Terrace	Kitimat Stikine
12.	Ace Building Centre	Vanderhoof	Bulkley Nechako
13.	Ace Hardware	Golden	Columbia Shuswap
14.	Ace Hardware Walnut Grove	Langley	Metro Vancouver
15.	ACRD 3rd Ave Depot	Port Alberni	Alberni Clayoquot
16.	Action Steel Sales (Okanagan) Ltd	Penticton	Okanagan Similkameen
17.	Agassiz Bottle Depot	Agassiz	Fraser Valley
18.	Alberni Valley Landfill	Port Alberni	Alberni Clayoquot
19.	Aldergrove Return-It Bottle Depot	Aldergrove	Metro Vancouver
20.	Allied Salvage & Metals (1985) Ltd	Richmond	Metro Vancouver
21.	Allied Scrap Metal Squamish	Squamish	Squamish Lillooet
22.	Armstrong Spallumcheen Bottle Depot	Armstrong	North Okanagan
23.	Augusta Recyclers Inc.	Powell River	qathet
24.	Barriere Return-It	Barriere	Thompson Nicola
25.	Bay Street Castle	Victoria	Capital Regional District
26.	BC Fluorescent Sales & Service Ltd (Unadvertised)	Vancouver	Metro Vancouver
27.	Bella Bella Eco-Depot (Heiltsuk Environmental Services)	Bella Bella	Central Coast
28.	Bella Coola Recycling Depot	Bella Coola	Central Coast
29.	Bings Creek Recycling Centre	Duncan	Cowichan Valley
30.	Blight's Home Hardware	Vancouver	Metro Vancouver
31.	Blue River Eco-Depot	Blue River	Thompson Nicola
32.	Bottle Depot - Glanford	Saanich	Capital Regional District
33.	Bottle Depot - Queens	Victoria	Capital Regional District
34.	Boucherie Self Storage & Bottle Depot	West Kelowna	Central Okanagan
35.	Bowen Island Recycling Depot	Bowen Island	Metro Vancouver
36.	Brentwood Auto & Metal Recyclers	Saanichton	Capital Regional District
37.	Bridgeview Return-It Bottle Depot	Surrey	Metro Vancouver
38.	Bulkley Valley Bottle Depot (2021) Ltd	Smithers	Bulkley Nechako

	Depot Name	City	Regional District
39.	Burns Lake Home Hardware	Burns Lake	Bulkley Nechako
40.	Burns Lake Return-It Recycling Depot	Burns Lake	Bulkley Nechako
41.	Campbell Mountain Landfill	Penticton	Okanagan Similkameen
42.	Campbell River Waste Management Centre	Campbell River	Strathcona
43.	Canadian Tire #355	Kamloops	Thompson Nicola
44.	Canadian Tire #362	Nanaimo	Nanaimo Regional District
45.	Canadian Tire #368	Victoria	Capital Regional District
46.	Canadian Tire #389	Vancouver	Metro Vancouver
47.	Canadian Tire #433	Chilliwack	Fraser Valley
48.	Canadian Tire #434	Abbotsford	Fraser Valley
49.	Canadian Tire #437	Campbell River	Strathcona
50.	Canadian Tire #438	Williams Lake	Cariboo
51.	Canadian Tire #443	Surrey	Metro Vancouver
52.	Canadian Tire #480	Powell River	qathet
53.	Canadian Tire #487	Quesnel	Cariboo
54.	Canadian Tire #488	Port Alberni	Alberni Clayoquot
55.	Canadian Tire #489	Surrey	Metro Vancouver
56.	Canadian Tire #601	North Vancouver	Metro Vancouver
57.	Canadian Tire #603	Burnaby	Metro Vancouver
58.	Canadian Tire #604	Vancouver	Metro Vancouver
59.	Canadian Tire #608	Coquitlam	Metro Vancouver
60.	Canadian Tire #609	Port Coquitlam	Metro Vancouver
61.	Canadian Tire #610	Richmond	Metro Vancouver
62.	Canadian Tire #636	Sechelt	Sunshine Coast
63.	Canadian Tire #678	Surrey	Metro Vancouver
64.	Capital Salvage Co. Ltd.	Vancouver	Metro Vancouver
65.	Castlegar Return-It Depot	Castlegar	Central Kootenay
66.	Central Builders' Supply PG Ltd.	Prince George	Fraser Fort George
67.	Central Hardware 2018 Ltd	Enderby	North Okanagan
68.	Central Saanich Home Hardware	Saanichton	Capital Regional District
69.	Century Hardware Ltd.	100 Mile House	Cariboo
70.	Chase Home Hardware Building Center	Chase	Thompson Nicola
71.	Chasers Bottle Depot	Vernon	North Okanagan
72.	Chetwynd Home Hardware	Chetwynd	Peace River
73.	Chetwynd Recycling & Bottle Depot	Chetwynd	Peace River
74.	Chilliwack Bottle Depot	Chilliwack	Fraser Valley
75.	Clearwater Eco-Depot	Clearwater	Thompson Nicola
76.	Clinton Eco-Depot	Clinton	Thompson Nicola
77.	CM Recycling Ltd. (formerly Cariboo Metal Recycling)	Quesnel	Cariboo
78.	Coast Lighting (Vi) Ltd. (Unadvertisted)	Victoria	Capital Regional District

	Depot Name	City	Regional District
79.	Collingwood Bottle Exchange	Burnaby	Metro Vancouver
80.	Columbia Bottle Depot - Dease Rd.	Kelowna	Central Okanagan
81.	Columbia Bottle Depot - Kent Rd	Kelowna	Central Okanagan
82.	Columbia Bottle Depot - St. Paul	Kelowna	Central Okanagan
83.	Columbia Recycle Ltd.	Kimberley	East Kootenay
84.	Commercial Lighting Products (Unadvertised)	Delta	Metro Vancouver
85.	Commercial Lighting Products (Unadvertised)	Victoria	Capital Regional District
86.	Comox Valley Auto & Metal Recyclers	Courtenay	Comox Valley
87.	Comox Valley Waste Management Centre	Cumberland	Comox Valley
88.	Cook St. Castle Building Centre	Victoria	Capital Regional District
89.	Coquitlam Return-It Depot	Coquitlam	Metro Vancouver
90.	Core Electric Services Ltd. (Unadvertised)	North Vancouver	Metro Vancouver
91.	Cormorant Island Recycling Facility Alert Bay	Alert Bay	Mt. Waddington
92.	Cortes Island Waste Management Centre	Cortes Island (Squirrel Cove)	Strathcona
93.	Courtenay Return-It Depot	Courtenay	Comox Valley
94.	Cranbrook Bottle Depot	Cranbrook	East Kootenay
95.	Curt Garland Community Support Centre (Salvation Army - Prince George)	Prince George	Fraser Fort George
96.	D&S Electric	Williams Lake	Cariboo
97.	D.C. Recycling & Bottle Depot	Dawson Creek	Peace River
98.	Davie Village Home Hardware	Vancouver	Metro Vancouver
99.	Davis Trading & Supply Ltd.	Vancouver	Metro Vancouver
100.	Denman Island Waste Management Recycling Depot	Denman Island	Comox Valley
101.	DL's Recycling Centre	Saanichton	Capital Regional District
102.	Do Your Part Recycling	Terrace	Kitimat Stikine
103.	Dolly's Home Hardware	Qualicum Beach	Nanaimo Regional District
104.	Duncan Home Hardware Building Centre	Duncan	Cowichan Valley
105.	Dunlop's Home Hardware Building Centre	Port Hardy	Mt. Waddington
106.	East Hastings Bottle Depot	Burnaby	Metro Vancouver
107.	Edmonds Return-It Depot	Burnaby	Metro Vancouver
108.	Enderby Return-It Recycling Depot	Enderby	North Okanagan
109.	Energy Network Services Inc (Unadvertised)	Port Coquitlam	Metro Vancouver
110.	Ener-Lite Systems Ltd (Unadvertised)	Abbotsford	Fraser Valley
111.	Ernie's Used Auto Parts	Castlegar	Central Kootenay
112.	Fernie Bottle Depot	Fernie	East Kootenay
113.	Fernie Home Hardware Building Center	Fernie	East Kootenay
114.	Fisher Road Recycling	Cobble Hill	Cowichan Valley
115.	Fleetwood Bottle Return Depot Ltd.	Surrey	Metro Vancouver
116.	Fort St. James Transfer Station	Fort St. James	Bulkley Nechako
117.	Fraser Lake Bottle Depot	Fraser Lake	Bulkley Nechako

	Depot Name	City	Regional District
118.	Fraser Valley Metal Exchange	Maple Ridge	Metro Vancouver
119.	Fraser Valley Metal Recycling Ltd.	Abbotsford	Fraser Valley
120.	Fraservalley Return-It Depot	Langley	Metro Vancouver
121.	Gabriola Island Recycling Organization	Gabriola Island	Nanaimo Regional District
122.	Galiano Island Recycling Resources	Galiano Island	Capital Regional District
123.	Galiano Trading Co.	Galiano Island	Capital Regional District
124.	Gandy's Home Hardware	Vancouver	Metro Vancouver
125.	General Grant's North Shore Bottle Depot	Kamloops	Thompson Nicola
126.	General Grant's Sahali	Kamloops	Thompson Nicola
127.	GFL Environmental	Langford	Capital Regional District
128.	GFL Environmental	Squamish	Squamish Lillooet
129.	GFL Environmental Inc	Chemainus	Cowichan Valley
130.	GFL Environmental Inc (Unadvertised)	Coquitlam	Metro Vancouver
131.	GFL Environmental Inc	Duncan	Cowichan Valley
132.	GFL Environmental Inc	Nanaimo	Nanaimo Regional District
133.	Gibsons Building Supplies	Gibsons	Sunshine Coast
134.	Gibsons Recycling Depot	Gibsons	Sunshine Coast
135.	Go Green	Vancouver	Metro Vancouver
136.	Gold Trail Recycling Ltd.	100 Mile House	Cariboo
137.	Grand Forks Bottle Depot	Grand Forks	Kootenay Boundary
138.	Grand Forks Home Hardware	Grand Forks	Kootenay Boundary
139.	GRIPS - Green Recycling in Pender Society	Madeira Park	Sunshine Coast
140.	Guildford Bottle Depot 2001 Ltd.	Surrey	Metro Vancouver
141.	Habitat for Humanity Restore - Uptown	Victoria	Capital Regional District
142.	Habitat for Humanity Restore - Westshore	Victoria	Capital Regional District
143.	Hagens Home Hardware	Mackenzie	Fraser Fort George
144.	Haney Bottle Depot	Maple Ridge	Metro Vancouver
145.	Happy Stan's Recycling Services Ltd.	Port Coquitlam	Metro Vancouver
146.	Hart Return-It Depot	Prince George	Fraser Fort George
147.	Hartland Landfill & Recycling Depot	Victoria	Capital Regional District
148.	Hazelton Bottle Depot	New Hazelton	Kitimat Stikine
149.	Heffley Creek Eco-Depot	Heffley Creek	Thompson Nicola
150.	Hewer Home Hardware	Vancouver	Metro Vancouver
151.	Highway 4 Auto Salvage	Coombs	Nanaimo Regional District
152.	Hipperson Home Hardware	Nelson	Central Kootenay
153.	Home Building Centre - Vernon	Vernon	North Okanagan
154.	Home Hardware Building Centre	Cranbrook	East Kootenay
155.	Home Hardware Building Centre	Revelstoke	Columbia Shuswap
156.	Home Hardware Building Centre	Delta	Metro Vancouver
157.	Home Hardware Building Centre	Williams Lake	Cariboo

	Depot Name	City	Regional District
158.	Home Hardware Merritt	Merritt	Thompson Nicola
159.	Home Hardware Sidney	Sidney	Capital Regional District
160.	Home Hardware West Kelowna	West Kelowna	Central Okanagan
161.	Hope Bottle Depot Ltd.	Hope	Fraser Valley
162.	Hornby Island Waste Management Centre	Hornby Island	Comox Valley
163.	Houston Bottle Depot	Houston	Bulkley Nechako
164.	Interior Freight and Bottle Depot	Vernon	North Okanagan
165.	Invermere Hardware & Building Centre Co. Ltd..	Invermere	East Kootenay
166.	Ironwood Bottle & Return-It Depot	Richmond	Metro Vancouver
167.	Island Return It - Campbell River	Campbell River	Strathcona
168.	Island Return It - Duncan	Duncan	Cowichan Valley
169.	Island Return It - Esquimalt	Esquimalt	Capital Regional District
170.	Island Return It - South Cowichan	Cobble Hill	Cowichan Valley
171.	Island Solid Waste Management	Port Clements	North Coast
172.	Island Solid Waste Management	Queen Charlotte	North Coast
173.	J&C Bottle Depot	Penticton	Okanagan Similkameen
174.	Junction Bottle Depot	Ladysmith	Cowichan Valley
175.	Kamloops Home Hardware Building Center	Kamloops	Thompson Nicola
176.	Kaslo Building Supplies (1990) Ltd	Kaslo	Central Kootenay
177.	Kensington Return-it	Burnaby	Metro Vancouver
178.	Keremeos Landfill	Keremeos	Okanagan Similkameen
179.	Kerrisdale Lumber Co.	Vancouver	Metro Vancouver
180.	Kitchener Bottle Depot Ltd.	Burnaby	Metro Vancouver
181.	Kitimat Recycling Depot	Kitimat	Kitimat Stikine
182.	Kitwanga Transfer Station	Kitwanga	Kitimat Stikine
183.	Knox Mountain Metals Inc.	Kelowna	Central Okanagan
184.	Ladner Bottle Depot Co Ltd.	Delta	Metro Vancouver
185.	Lake Country Ace Hardware #70036	Lake Country	Central Okanagan
186.	Lake Cowichan Home Hardware	Lake Cowichan	Cowichan Valley
187.	Landfill Zero Waste Centre	Delta	Metro Vancouver
188.	Langley Bottle Depot Ltd.	Langley	Metro Vancouver
189.	Lax Kw'alaams Waste Transfer Station	Lax Kw'alaams	North Coast
190.	Lee's Bottle Depot Ltd.	Burnaby	Metro Vancouver
191.	Logan Lake Eco-Depot	Logan Lake	Thompson Nicola
192.	LoLo Return-It Express Plus	North Vancouver	Metro Vancouver
193.	London Drugs #10	Vancouver	Metro Vancouver
194.	London Drugs #11	Richmond	Metro Vancouver
195.	London Drugs #12	Kelowna	Central Okanagan
196.	London Drugs #14	Victoria	Capital Regional District
197.	London Drugs #15	Coquitlam	Metro Vancouver

	Depot Name	City	Regional District
198.	London Drugs #16	Abbotsford	Fraser Valley
199.	London Drugs #17	Delta	Metro Vancouver
200.	London Drugs #18	Langley	Metro Vancouver
201.	London Drugs #19	Vancouver	Metro Vancouver
202.	London Drugs #2	Vancouver	Metro Vancouver
203.	London Drugs #25	Burnaby	Metro Vancouver
204.	London Drugs #28	Vancouver	Metro Vancouver
205.	London Drugs #29	Victoria	Capital Regional District
206.	London Drugs #3	New Westminster	Metro Vancouver
207.	London Drugs #35	Kamloops	Thompson Nicola
208.	London Drugs #36	Nanaimo	Nanaimo Regional District
209.	London Drugs #37	Delta	Metro Vancouver
210.	London Drugs #39	Vernon	North Okanagan
211.	London Drugs #4	Vancouver	Metro Vancouver
212.	London Drugs #41	Chilliwack	Fraser Valley
213.	London Drugs #42	Surrey	Metro Vancouver
214.	London Drugs #44	West Vancouver	Metro Vancouver
215.	London Drugs #46	Victoria	Capital Regional District
216.	London Drugs #47	Maple Ridge	Metro Vancouver
217.	London Drugs #5	North Vancouver	Metro Vancouver
218.	London Drugs #50	Vancouver	Metro Vancouver
219.	London Drugs #51	Prince George	Fraser Fort George
220.	London Drugs #52	Richmond	Metro Vancouver
221.	London Drugs #53	Vancouver	Metro Vancouver
222.	London Drugs #54	Victoria	Capital Regional District
223.	London Drugs #56	Burnaby	Metro Vancouver
224.	London Drugs #6	Burnaby	Metro Vancouver
225.	London Drugs #61	Gibsons	Sunshine Coast
226.	London Drugs #67	Courtenay	Comox Valley
227.	London Drugs #7	Vancouver	Metro Vancouver
228.	London Drugs #70	Penticton	Okanagan Similkameen
229.	London Drugs #71	Burnaby	Metro Vancouver
230.	London Drugs #72	Nanaimo	Nanaimo Regional District
231.	London Drugs #73	Campbell River	Strathcona
232.	London Drugs #74	Vancouver	Metro Vancouver
233.	London Drugs #75	Surrey	Metro Vancouver
234.	London Drugs #76	Westbank	Central Okanagan
235.	London Drugs #77	Duncan	Cowichan Valley
236.	London Drugs #78	Vancouver	Metro Vancouver
237.	London Drugs #8	Surrey	Metro Vancouver

	Depot Name	City	Regional District
238.	London Drugs #80	Squamish	Squamish Lillooet
239.	London Drugs #81	Surrey	Metro Vancouver
240.	London Drugs #82	Vancouver	Metro Vancouver
241.	London Drugs #85	Abbotsford	Fraser Valley
242.	London Drugs #88	Vancouver	Metro Vancouver
243.	London Drugs #9	Surrey	Metro Vancouver
244.	London Drugs #90	Vancouver	Metro Vancouver
245.	London Drugs Distribution Centre	Richmond	Metro Vancouver
246.	London Drugs #55	Mission	Fraser Valley
247.	Lorne Street Bottle Depot	Kamloops	Thompson Nicola
248.	Lougheed Return-It Depot	Coquitlam	Metro Vancouver
249.	Louis Creek Eco-Depot	Louis Creek	Thompson Nicola
250.	Lower Nicola Eco-Depot	Meritt	Thompson Nicola
251.	Lowe's Abbotsford Store #82050	Abbotsford	Fraser Valley
252.	Lowe's Langford Store #83003	Victoria	Capital Regional District
253.	Lowe's Nanaimo Store #82049	Nanaimo	Nanaimo Regional District
254.	Lowe's Queensborough #82045	New Westminster	Metro Vancouver
255.	Lowe's Vancouver Grandview #83004	Vancouver	Metro Vancouver
256.	Lowe's Victoria Store #82054	Victoria	Capital Regional District
257.	Lytton Eco-Depot	Lytton	Thompson Nicola
258.	Mac's Traders Inc. (MTI)	Langley	Metro Vancouver
259.	Malcolm Island Recycling Centre	Sointula	Mt. Waddington
260.	Maple Ridge Bottle Depot Ltd.	Maple Ridge	Metro Vancouver
261.	Maple Ridge Lighting Inc.	Maple Ridge	Metro Vancouver
262.	Mattress Recycling	Hope	Fraser Valley
263.	Mayne Island Home Hardware	Mayne Island	Capital Regional District
264.	Mayne Island Recycling Society	Mayne Island	Capital Regional District
265.	Meade Creek Recycling Centre	Lake Cowichan	Cowichan Valley
266.	Merritt Return-It Depot Ltd.	Merritt	Thompson Nicola
267.	Metrotown Return-It Center	Burnaby	Metro Vancouver
268.	Mission Flats Landfill	Kamloops	Thompson Nicola
269.	Mission Recycling Centre	Mission	Fraser Valley
270.	Mission Recycling Depot	Mission	Fraser Valley
271.	Mount Pleasant Return-It	Vancouver	Metro Vancouver
272.	Mountain High Lighting	Castlegar	Central Kootenay
273.	Nelson Home Building Centre	Nelson	Central Kootenay
274.	Nelson Leafs Recycling Centre	Nelson	Central Kootenay
275.	New & Nearly New	Kimberley	East Kootenay
276.	Newton Bottle Depot	Surrey	Metro Vancouver
277.	North Shore Bottle Depot	North Vancouver	Metro Vancouver

	Depot Name	City	Regional District
278.	North Shore Recycling and Waste Centre (Emterra Environmental)	North Vancouver	Metro Vancouver
279.	North Surrey Recycling and Waste Centre	Surrey	Metro Vancouver
280.	North Van Bottle and Return-It Depot	North Vancouver	Metro Vancouver
281.	Oak Bay Home Hardware	Victoria	Capital Regional District
282.	Oak Bay Recycling Depot	Oak Bay	Capital Regional District
283.	OK Bottle Depot	Richmond	Metro Vancouver
284.	Okanagan Falls Landfill	Okanagan Falls	Okanagan Similkameen
285.	Oliver Sanitary Landfill	Oliver	Okanagan Similkameen
286.	Osoyoos Bottle Depot	Osoyoos	Okanagan Similkameen
287.	Osoyoos Home Hardware Building Centre	Osoyoos	Okanagan Similkameen
288.	Panorama Village Return-It Inc.	Surrey	Metro Vancouver
289.	Parksville Bottle & Recycling Depot	Parksville	Nanaimo Regional District
290.	Parksville Home Building Center, Central Builders	Parksville	Nanaimo Regional District
291.	Parksville Home Hardware	Parksville	Nanaimo Regional District
292.	Parsons Scrap Metals	Surrey	Metro Vancouver
293.	Pearson's Home Hardware	North Vancouver	Metro Vancouver
294.	Peerless Road Recycling Centre	Ladysmith	Cowichan Valley
295.	Pemberton Recycling Centre	Pemberton	Squamish Lillooet
296.	Pender Island Recycling Society	Pender Island	Capital Regional District
297.	Penticton Home Hardware Building Centre	Penticton	Okanagan Similkameen
298.	PG Recycling & Return-It Centre	Prince George	Fraser Fort George
299.	Pitt Meadows Bottle & Return-It Depot Ltd.	Pitt Meadows	Metro Vancouver
300.	Planet Earth Recycling Ltd.	Westbank	Central Okanagan
301.	PoCo Return-It	Port Coquitlam	Metro Vancouver
302.	Port Hardy Return-it Centre	Port Hardy	Mt. Waddington
303.	Port McNeill Recycling Depot	Port McNeill	Mt. Waddington
304.	Powell Street Return-it Bottle Depot	Vancouver	Metro Vancouver
305.	Powerhouse Recycled Auto & Truck Parts Ltd.	Cumberland	Comox Valley
306.	Princeton Home Hardware	Princeton	Okanagan Similkameen
307.	Princeton Return-It Depot	Princeton	Okanagan Similkameen
308.	Puds Auto Wrecking & Towing	Osoyoos	Okanagan Similkameen
309.	Quality Wholesale Ltd. (Unadvertised)	Burnaby	Metro Vancouver
310.	Quantum Lighting Inc. (Unadvertised)	Coquitlam	Metro Vancouver
311.	Quatsino Recycling Depot	Quatsino	Mt. Waddington
312.	Queensborough Landing Return-It	New Westminster	Metro Vancouver
313.	R&T Bottle Depot	Abbotsford	Fraser Valley
314.	Recycle-It Resource Recovery	Fort St John	Peace River
315.	Recycling Alternative – Vancouver (Unadvertised)	Vancouver	Metro Vancouver
316.	reFUSE Resource Recovery	Victoria	Capital Regional District

	Depot Name	City	Regional District
317.	Regional Recycling	Abbotsford	Fraser Valley
318.	Regional Recycling	Burnaby	Metro Vancouver
319.	Regional Recycling Cloverdale	Surrey	Metro Vancouver
320.	Regional Recycling Nanaimo - Hayes	Nanaimo	Nanaimo Regional District
321.	Regional Recycling Nanaimo - Old Victoria	Nanaimo	Nanaimo Regional District
322.	Regional Recycling	Prince Rupert	North Coast
323.	Regional Recycling	Richmond	Metro Vancouver
324.	Regional Recycling	Vancouver	Metro Vancouver
325.	Regional Recycling	Whistler	Squamish Lillooet
326.	Relamping Services Canada (Unadvertised)	Surrey	Metro Vancouver
327.	Revelstoke Bottle Depot	Revelstoke	Columbia Shuswap
328.	Richmond Recycling Depot	Richmond	Metro Vancouver
329.	Ridge Meadows Recycling Society	Maple Ridge	Metro Vancouver
330.	RONA - BH Allen Building Centre (#8140)	North Vancouver	Metro Vancouver
331.	RONA - Langley Bypass #61810	Langley	Metro Vancouver
332.	Rona - North Valley Supply Ltd. (#6410)	Clearwater	Thompson Nicola
333.	RONA - Pemberton Valley Hardware (#8522)	Pemberton	Squamish Lillooet
334.	RONA - Powell River Building Supply (#2791)	Powell River	qathet
335.	RONA - RA Rosback Enterprises (#1195)	Port McNeil	Mt. Waddington
336.	RONA - Tsawwassen #8880	Tsawwassen	Metro Vancouver
337.	RONA Alert Bay - (#01215)	Alert Bay	Mt. Waddington
338.	RONA Building Centre (#61040)	Cobble Hill	Cowichan Valley
339.	RONA Building Centre (#61030)	Nanaimo	Nanaimo Regional District
340.	RONA Fraser Valley #08470	Mission	Fraser Valley
341.	Rona Golden #61830	Golden	Columbia Shuswap
342.	RONA Home & Garden #61700	Kelowna	Central Okanagan
343.	RONA Home Centre #61290	Coquitlam	Metro Vancouver
344.	RONA Home Centre #61270	Burnaby	Metro Vancouver
345.	RONA Home Centre #61390	Chilliwack	Fraser Valley
346.	RONA Home Centre #61220	Abbotsford	Fraser Valley
347.	RONA Home Centre #61260	Coquitlam	Metro Vancouver
348.	RONA Home Centre #61720	Surrey	Metro Vancouver
349.	RONA Home Centre #61310	Kamloops	Thompson Nicola
350.	RONA Home Centre #61190	Maple Ridge	Metro Vancouver
351.	RONA Home Centre #61740	North Vancouver	Metro Vancouver
352.	RONA Home Centre #61320	Quesnel	Cariboo
353.	RONA Home Centre #61240	Surrey	Metro Vancouver
354.	RONA Home Centre #61450	Squamish	Squamish Lillooet
355.	RONA Home Centre #61300	Vernon	North Okanagan
356.	RONA Home Centre #61460	Whistler	Squamish Lillooet

	Depot Name	City	Regional District
357.	RONA Home Centre #61340	Williams Lake	Cariboo
358.	RONA Hope #61350	Hope	Fraser Valley
359.	RONA Penticton - (#61490)	Penticton	Okanagan Similkameen
360.	RONA Richmond - #8040	Richmond	Metro Vancouver
361.	Ross Bay Home Hardware	Victoria	Capital Regional District
362.	Rypac Metal Recycling	Surrey	Metro Vancouver
363.	Salish Soils Inc	Sechelt	Sunshine Coast
364.	Salmo Valumart & Bottle Depot	Salmo	Central Kootenay
365.	Salt Spring Island Recycling Depot	Salt Spring Island	Capital Regional District
366.	Sandy's Auto Parts Ltd	Victoria	Capital Regional District
367.	Sapperton Return-It Depot	New Westminster	Metro Vancouver
368.	Sardis Bottle Depot	Chilliwack	Fraser Valley
369.	Sayward Recycling Depot (CVRD)	Sayward	Comox Valley
370.	Schnitzer Steel Canada Ltd	Campbell River	Strathcona
371.	Schnitzer Steel Canada Ltd.	Cassidy	Nanaimo Regional District
372.	Schnitzer Steel Canada Ltd.	Victoria	Capital Regional District
373.	Scotch Creek Bottle Depot	Scotch Creek	Columbia Shuswap
374.	Scotch Creek Home Building Centre	Scotch Creek	Columbia Shuswap
375.	Scott Road Bottle Depot	Surrey	Metro Vancouver
376.	Scrap King Autowrecking & Towing Ltd.	Salmo	Central Kootenay
377.	RONA Home & Garden #61700	Kelowna	Central Okanagan
378.	Semiahmoo Bottle Depot	Surrey	Metro Vancouver
379.	Seton Lake Band Transfer Station	Shalalth	Squamish Lillooet
380.	Shearwater Marine Ltd	Richmond	Central Coast
381.	Shepherds Home Hardware Ltd.	Armstrong	North Okanagan
382.	Sidney Return-It	Sidney	Capital Regional District
383.	Simpson Home Hardware	West Vancouver	Metro Vancouver
384.	SM Lighting and Bath Design	Surrey	Metro Vancouver
385.	Smithers Home Hardware	Smithers	Bulkley Nechako
386.	Smithers Lumber Yard Ltd	Smithers	Bulkley Nechako
387.	Smokey Creek Salvage Ltd.	South Slocan	Central Kootenay
388.	Sooke Home Hardware	Sooke	Capital Regional District
389.	South Thompson Eco-Depot	Pritchard	Thompson Nicola
390.	South Van Bottle Depot	Vancouver	Metro Vancouver
391.	Squamish-Lillooet Regional District Landfill	Lillooet	Squamish Lillooet
392.	Stewart Transfer Station	Stewart	Kitimat Stikine
393.	Summerland Sanitary Landfill	Summerland	Central Okanagan
394.	Sun Dial Lighting	Vernon	North Okanagan
395.	Sunset Coast Bottle Depot	Powel River	qathet
396.	Surrey Central Return-It Centre	Surrey	Metro Vancouver

	Depot Name	City	Regional District
397.	T-2 Market	Oliver	Okanagan Similkameen
398.	Terrace Bottle & Return-It Depot	Terrace	Kitimat Stikine
399.	The Battery Doctors	Kelowna	Central Okanagan
400.	The Kamloops Lampost	Kamloops	Thompson Nicola
401.	The Salvation Army - Brentwood Thrift Store	Brentwood	Capital Regional District
402.	The Salvation Army - Capilano (Fell Ave) Thrift Store	North Vancouver	Metro Vancouver
403.	The Salvation Army - Cedar Hill Thrift Store	Victoria	Capital Regional District
404.	The Salvation Army - E 12th Ave Thrift Store	Vancouver	Metro Vancouver
405.	The Salvation Army - Hillside Thrift Store (Unadvertised)	Victoria	Capital Regional District
406.	The Salvation Army - Kerrisdale Thrift Store (Unadvertised)	Vancouver	Metro Vancouver
407.	The Salvation Army - Langford Thrift Store (Unadvertised)	Victoria	Capital Regional District
408.	The Salvation Army - Marpole (Granville) Thrift Store (Unadvertised)	Vancouver	Metro Vancouver
409.	The Salvation Army - Mill Bay Thrift Store	Mill Bay	Cowichan Valley
410.	The Salvation Army - New Westminster Thrift Store	New Westminster	Metro Vancouver
411.	The Salvation Army - North Burnaby Thrift Store (Unadvertised)	Burnaby	Metro Vancouver
412.	The Salvation Army - North Vancouver Thrift Store	North Vancouver	Metro Vancouver
413.	The Salvation Army - Surrey Scottsdale Thrift Store	Surrey	Metro Vancouver
414.	The Salvation Army - Surrey Thrift Store (Unadvertised)	Surrey	Metro Vancouver
415.	The Salvation Army - Vanderhoof	Vanderhoof	Bulkley Nechako
416.	The Salvation Army - Victoria Consolidation Center - CON	Victoria	Capital Regional District
417.	The Salvation Army - View Royal Thrift Store	View Royal	Capital Regional District
418.	The Salvation Army - West Broadway Thrift Store (Unadvertised)	Vancouver	Metro Vancouver
419.	The Salvation Army - West Vancouver Thrift Store (Unadvertised)	Vancouver	Metro Vancouver
420.	The Salvation Army Langley (Lower Mainland Divisional Headquarters)	Langley	Metro Vancouver
421.	Thorsen Creek Recycling Depot	Bella Coola	Central Coast
422.	Tofino Co-op Hardware	Tofino	Alberni Clayoquot
423.	Town Centre Recycling Depot	Powell River	qathet
424.	Trail Bay Hardware	Sechelt	Sunshine Coast
425.	Trail Bottle Depot	Trail	Kootenay Boundary
426.	Trees Company Garden Supplies (Unadvertised)	Winlaw	Central Kootenay
427.	Tsawwassen Bottle Depot	Delta	Metro Vancouver
428.	Tumbler Ridge Transfer Station	Tumbler Ridge	Peace River

	Depot Name	City	Regional District
429.	Ucluelet Bottle Depot	Ucluelet	Alberni Clayoquot
430.	United Blvd Recycling & Waste Centre (was Coquitlam Recycling and Waste Centre)	Coquitlam	Metro Vancouver
431.	Urban Impact Recycling (Unadvertised)	New Westminster	Metro Vancouver
432.	Valemount Carwash and Recycling Center	Valemount	Fraser Fort George
433.	Vancouver Central Return-It Depot	Vancouver	Metro Vancouver
434.	Vancouver West Bottle Depot	Vancouver	Metro Vancouver
435.	Vancouver Zero Waste Centre	Vancouver	Metro Vancouver
436.	Venture Bottle Depot	Lumby	North Okanagan
437.	Venture Training Vernon	Vernon	North Okanagan
438.	Village of Gold River	Gold River	Strathcona
439.	Village of New Denver	New Denver	Central Kootenay
440.	Walnut Grove Bottle Depot	Langley	Metro Vancouver
441.	Wells Gray Home Hardware	Clearwater	Thompson Nicola
442.	Wesco Energy Solutions (Unadvertised)	Abbotsford	Metro Vancouver
443.	West Coast Metal Recycling LLP	Langley	Metro Vancouver
444.	West-Can Home Hardware	Burnaby	Metro Vancouver
445.	Westcoast Home Hardware	Port Alberni	Alberni Clayoquot
446.	Western Integrated Electrical Ltd (Unadvertised)	Burnaby	Metro Vancouver
447.	Whistler Home Hardware	Whistler	Squamish Lillooet
448.	White Rock Return-It Depot	Surrey	Metro Vancouver
449.	Wide Sky Disposal	Fort Nelson	Northern Rockies
450.	Willow Point Bottle Depot	Campbell River	Strathcona
451.	Willowbrook Recycling Depot	Langley	Metro Vancouver
452.	Wilway Lumber	Abbotsford	Fraser Valley
453.	Winfield Return It Centre	Lake Country	Central Okanagan
454.	Woss Recycling Depot	Woss	Mt. Waddington

Appendix D - 2021 Audited Program Financial Statement

**PRODUCT CARE ASSOCIATION OF CANADA
BC LAMPS AND LIGHTING EQUIPMENT PROGRAM**

STATEMENT OF REVENUES AND EXPENSES

31 DECEMBER 2021

**PRODUCT CARE ASSOCIATION OF CANADA
BC LAMPS AND LIGHTING EQUIPMENT PROGRAM
Statement of Revenues and Expenses
For the year ended 31 December 2021**

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INDEPENDENT AUDITORS' REPORT

To: BC Ministry of Environment,

Report on the Audit of the Statement of Revenues and Expenses

Opinion

As required by the British Columbia Environmental Management Act, Recycling Regulation 8(2)(f)(ii), we have audited the Statement of Revenues and Expenses of the BC Lamps and Lighting Equipment Program (the "Statement") as reported by Product Care Association of Canada (the "Association") for the year ended 31 December 2021 and a summary of significant accounting policies and other explanatory information.

In our opinion, the Statement presents fairly, in all material respects, the revenues and expenses of the BC Lamps and Lighting Equipment Program for the year ended 31 December 2021 in accordance with Canadian accounting standards for not-for-profit organizations.

Basis for Opinion

We conducted our audit in accordance with Canadian generally accepted auditing standards. Our responsibilities under those standards are further described in the Auditors' Responsibilities section of our report. We are independent of the Association in accordance with the ethical requirements that are relevant to our audit of the Statement in Canada, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Other Matter - Restriction on Distribution and Use

This report is prepared on the direction of Product Care Association of Canada's management and the BC Ministry of Environment. As a result, the report may not be suitable for another purpose. Our report is intended solely for Product Care Association of Canada's management and the BC Ministry of Environment and should not be distributed to other parties.

Responsibilities of Management and Those Charged with Governance for the Statement

Management is responsible for the preparation and fair presentation of the Statement in accordance with Canadian accounting standards for not-for-profit organizations and for such internal control as management determines is necessary to enable the preparation of the Statement that is free from material misstatement, whether due to fraud or error.

INDEPENDENT AUDITORS' REPORT - continued

In preparing the Statement, management is responsible for assessing the Association's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Association or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Association's financial reporting process.

Auditors' Responsibilities

Our objectives are to obtain reasonable assurance about whether the Statement as a whole is free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Canadian generally accepted auditing standards will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of this Statement.

As part of an audit in accordance with Canadian generally accepted auditing standards, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the Statement, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Association's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Association's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditors' report to the related disclosures in the Statement or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditors' report. However, future events or conditions may cause the Association to cease to continue as a going concern.

INDEPENDENT AUDITORS' REPORT - continued

- Evaluate the overall presentation, structure and content of the Statement, including the disclosures, and whether the Statement represents the underlying transactions and events in a manner that achieves fair presentation.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

Rolfe Benson LLP

CHARTERED PROFESSIONAL ACCOUNTANTS

Vancouver, Canada
8 April 2022

PRODUCT CARE ASSOCIATION OF CANADA
BC LAMPS AND LIGHTING EQUIPMENT PROGRAM
Statement of Revenues and Expenses
For the year ended 31 December 2021

	2021	2020
Revenues	\$ 5,128,111	\$ 5,135,997
Program expenses		
Processing	3,480,797	3,048,620
Collection	656,801	608,232
Administration (Note 2(c))	504,764	463,819
Transportation	260,116	252,882
Communications	201,312	172,231
	5,103,790	4,545,784
Excess of revenues over expenses for the year	\$ 24,321	\$ 590,213

Fund transfer - allocation of interim program costs (Note 3)

The accompanying notes are an integral part of this statement of revenues and expenses.

PRODUCT CARE ASSOCIATION OF CANADA
BC LAMPS AND LIGHTING EQUIPMENT PROGRAM
Notes to the Statement of Revenues and Expenses
For the year ended 31 December 2021

1. Basis of Presentation

The Statement of Revenues and Expenses (the “Statement”) only includes the revenues and expenses of the BC Lamps and Lighting Equipment Program (the “Program”), a segment of the operations of Product Care Association of Canada (the “Association”).

2. Summary of Significant Accounting Policies

The Statement is prepared in accordance with Canadian accounting standards for not-for-profit organizations. The significant policies are detailed as follows:

(a) Revenue Recognition

Environmental Handling Fees are received from members of the BC Lamps and Lighting Equipment Program. The Association recognizes these fees as revenue when received or receivable if the amount to be received can be reasonably estimated and collection is reasonably assured. Environmental Handling Fees revenues are recognized as individual members report and remit them as required by the Association’s membership agreement which is at the end of the month following the reporting period that the designated program materials were sold by the member.

Members are obligated to remit Environmental Handling Fees for all products sold from the earlier of the program’s start date or the date when the member started selling obligated products. If, for any reason, a member omits reporting and remitting Environmental Handling Fees associated with sold program products, the Association will recognize those Environmental Handling Fees as revenue when the amounts are determinable by the Association.

(b) Use of Estimates

The preparation of financial statements in accordance with Canadian accounting standards for not-for-profit organizations requires management to make estimates and assumptions that affect the reported amounts of revenues and expenses and disclosure of contingencies included in the statement. Accounts subject to estimates include revenue accruals, expense accruals and overhead allocation. Actual results could differ from those estimates.

(c) General and Administrative Expenses - Overhead Allocation

A portion of the total general and administrative expenses of the Association, net of expense recoveries, has been allocated to this Program. The allocation of general and administrative expenses to this Program is determined using the percentage of program specific operating expenses as compared to total operating expenses for all the Association’s programs. Included in administration expense is \$306,182 (2020 - \$255,774) of overhead expense which has been allocated to the Program.

PRODUCT CARE ASSOCIATION OF CANADA
BC LAMPS AND LIGHTING EQUIPMENT PROGRAM
Notes to the Statement of Revenues and Expenses
For the year ended 31 December 2021

3. Fund Transfer - Allocation of Interim Program Costs

During the 2015 and 2016 fiscal years at the request of the Ontario Ministry of Environment, expenses were incurred to operate an interim Light Recycling Program for a 12 month period in the Province of Ontario on behalf of the industry. These expenses were recorded as a general and administrative expenses of the Association pending the expected regulation of lighting products in Ontario. During the 2018 fiscal year, the Association's Board of Directors passed a resolution where these expenses would be allocated amongst the other Light Recycle Programs of the Association as the expected regulation to designate lighting products in Ontario had not occurred.

At that time it was determined that these costs were to be allocated over a five year period to each of the Association's Light Recycling Programs proportionally based on the 2017 operating expenses of these Programs. The total amount allocated to the BC Lamps and Lighting Equipment Program for the 5 year period was determined as \$530,161. This was to be allocated as a fund transfer decreasing the accumulated surplus (deficit) of the Program in each of the 2018 to 2022 fiscal years in equal amounts. During the 2018 fiscal year, \$106,032 was recorded as a fund transfer, with \$424,129 remaining to be transferred in future years.

On May 9, 2019, the Ontario Ministry of Environment issued draft extended producer responsibility regulations for electrical and electronic products including lighting products. The regulation for electrical and electronic equipment (EEE) was finalized in September 2020, with the lighting products designated for January 1, 2023. On this basis, the Association's Board of Directors determined that the prior year fund transfer to the BC Lamps and Lighting Equipment Program of \$106,032 should be reversed in the 2020 fiscal year and that the \$530,161 of costs which were previously intended to be allocated to the BC Lamps and Lighting Equipment Program will be allocated to the Ontario Light Recycling Program upon its commencement.

Appendix E - 2021 Product Care Consolidated Audited Financial Statements

PRODUCT CARE ASSOCIATION OF CANADA

FINANCIAL STATEMENTS

31 DECEMBER 2021

PRODUCT CARE ASSOCIATION OF CANADA

Financial Statements

For the year ended 31 December 2021

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INDEPENDENT AUDITORS' REPORT

To the Members,
Product Care Association of Canada

Report on the Audit of the Financial Statements

Opinion

We have audited the financial statements of Product Care Association of Canada (the "Association"), which comprise the statement of financial position as at 31 December 2021, and the statements of changes in net assets, operations and cash flows for the year then ended, and notes to the financial statements, including a summary of significant accounting policies.

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of the Association as at 31 December 2021, and its results of operations and its cash flows for the year then ended in accordance with Canadian accounting standards for not-for-profit organizations.

Basis for Opinion

We conducted our audit in accordance with Canadian generally accepted auditing standards. Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the Financial Statements section of our report. We are independent of the Association in accordance with the ethical requirements that are relevant to our audit of the financial statements in Canada, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Other Information

Management is responsible for the other information. The other information comprises: the various Annual Reports that the Association issues for its provincial recycling programs (the "Annual Reports").

Our opinion on the financial statements does not cover the other information and we do not and will not express any form of assurance conclusion thereon. In connection with our audit of the financial statements, our responsibility is to read the other information identified above and, in doing so, consider whether the other information is materially inconsistent with the financial statements or our knowledge obtained in the audit, or otherwise appears to be materially misstated.

We obtained certain sections of the Association's Annual Reports prior to the date of this auditors' report. If, based on the work we have performed on this other information, we conclude that there is a material misstatement of this other information, we are required to report that fact in this auditors' report. We have nothing to report in this regard.

INDEPENDENT AUDITORS' REPORT - Continued

The Annual Reports are expected to be made available to us after the date of this auditors' report. If, based on the work we will perform on this other information, we conclude that there is a material misstatement of this other information, we are required to report that fact to those charged with governance.

Responsibilities of Management and Those Charged with Governance for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with Canadian accounting standards for not-for-profit organizations, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Association's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Association or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Association's financial reporting process.

Auditors' Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Canadian generally accepted auditing standards will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements. As part of an audit in accordance with Canadian generally accepted auditing standards, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- ◆ Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- ◆ Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Association's internal control.
- ◆ Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.

INDEPENDENT AUDITORS' REPORT - Continued

- ◆ Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Association's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditors' report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditors' report. However, future events or conditions may cause the Association to cease to continue as a going concern.
- ◆ Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.



CHARTERED PROFESSIONAL ACCOUNTANTS

Vancouver, Canada
21 April 2022

PRODUCT CARE ASSOCIATION OF CANADA
Statement of Financial Position
31 December 2021

	2021	2020
Assets		
Current		
Cash and cash equivalents	\$ 12,602,678	\$ 12,841,414
Term deposit (Note 5(a))	-	11,000,000
Restricted cash (Note 3)	765,500	2,381,724
Accounts receivable	2,952,024	3,675,865
Prepaid expenses and deposits	209,449	1,932,445
	<u>16,529,651</u>	<u>31,831,448</u>
Forgivable loans (Note 4)	372,394	338,885
Term deposits (Note 5(b))	20,716,359	14,919,661
Reserve - at market value (Note 6)	19,522,764	17,097,440
Investments - at market value	5,622,900	-
Tangible capital assets (Note 7)	15,328,142	8,719,010
Intangible assets (Note 8)	<u>50,000</u>	<u>60,248</u>
	<u>\$ 78,142,210</u>	<u>\$ 72,966,692</u>

Liabilities

Current		
Accounts payable and accrued liabilities (Note 9)	\$ 7,220,954	\$ 5,883,501
Ontario fee reduction payable (Note 12)	-	1,616,224
	<u>7,220,954</u>	<u>7,499,725</u>

Commitments (Note 11)
Contingencies (Note 10)

Members' Equity

Unrestricted	35,254,850	38,824,769
Invested in tangible capital and intangible assets	15,378,142	8,779,258
Reserve - internally restricted (Note 6)	19,522,764	17,097,440
Ontario fee reduction reserve (Note 10(b))	765,500	765,500
	<u>70,921,256</u>	<u>65,466,967</u>
	<u>\$ 78,142,210</u>	<u>\$ 72,966,692</u>

APPROVED BY THE DIRECTORS:



Director



Director

The accompanying notes are an integral part of these financial statements

PRODUCT CARE ASSOCIATION OF CANADA

Statement of Changes in Net Assets

For the year ended 31 December 2021

	Unrestricted	Invested in Tangible Capital and Intangible Assets	Internally Restricted Reserve	Ontario Fee Reduction Reserve	Total 2021	Total 2020
Net assets - beginning of year	\$ 38,824,769	\$ 8,779,258	\$ 17,097,440	\$ 765,500	\$ 65,466,967	\$ 57,043,785
Excess (deficiency) of revenues over expenses for the year	6,035,869	(581,580)	-	-	5,454,289	8,423,182
Transfer to invested in tangible capital and intangible assets, net	(7,180,464)	7,180,464	-	-	-	-
Transfer to reserve	(2,425,324)	-	2,425,324	-	-	-
Net assets - end of year	\$ 35,254,850	\$ 15,378,142	\$ 19,522,764	\$ 765,500	\$ 70,921,256	\$ 65,466,967

The accompanying notes are an integral part of these financial statements

PRODUCT CARE ASSOCIATION OF CANADA
Statement of Operations
For the year ended 31 December 2021

	2021	2020
Revenues	\$ 44,205,764	\$ 45,552,306
Expenses		
Operating	38,153,394	35,445,685
General and administration	3,463,899	3,388,802
General communications	93,923	99,648
	<u>41,711,216</u>	<u>38,934,135</u>
Excess of revenues over expenses from operations	<u>2,494,548</u>	<u>6,618,171</u>
Other income		
Investment income	2,471,957	808,097
Interest income	347,411	602,754
Unrealized gain on investments	128,533	390,934
Gain on sale of marketable securities	11,840	2,226
Gain on sale of tangible capital assets	-	1,000
	<u>2,959,741</u>	<u>1,805,011</u>
Excess of revenues over expenses for the year	<u>\$ 5,454,289</u>	<u>\$ 8,423,182</u>

The accompanying notes are an integral part of these financial statements

PRODUCT CARE ASSOCIATION OF CANADA**Statement of Cash Flows****For the year ended 31 December 2021**

	2021	2020
Cash provided by (used in):		
Operating activities		
Excess of revenues over expenses for the year	\$ 5,454,289	\$ 8,423,182
Items not involving cash		
Market value adjustments	(128,533)	(390,934)
Amortization	581,580	484,922
Loans forgiven	56,401	56,880
Gain on sale of marketable securities	(11,840)	(2,226)
Gain on sale of tangible capital assets	-	(1,000)
	<u>5,951,897</u>	<u>8,570,824</u>
Changes in non-cash working capital balances		
Accounts receivable	723,841	(560,391)
Prepaid expenses and deposits	1,722,996	(26,154)
Accounts payable and accrued liabilities	1,337,453	874,598
Ontario fee reduction payable	(1,616,224)	1,616,224
	<u>8,119,963</u>	<u>10,475,101</u>
Investing activities		
Redemption (purchase) of term deposits	5,203,302	(11,373,781)
Transfer to reserve	(1,969,340)	(808,097)
Purchase of capital assets - net	(7,180,464)	(215,760)
Purchase of investments	(5,938,511)	-
	<u>(9,885,013)</u>	<u>(12,397,638)</u>
Financing activity		
Issuance of forgivable loans	<u>(89,910)</u>	<u>-</u>
Net decrease in cash and cash equivalents	(1,854,960)	(1,922,537)
Cash and cash equivalents - beginning of year	15,223,138	17,145,675
Cash and cash equivalents - end of year	\$ 13,368,178	\$ 15,223,138
Cash and cash equivalents consists of:		
Cash	\$ 12,602,678	\$ 2,318,718
Savings accounts	-	10,522,696
Restricted cash	<u>765,500</u>	<u>2,381,724</u>
	\$ 13,368,178	\$ 15,223,138

The accompanying notes are an integral part of these financial statements

PRODUCT CARE ASSOCIATION OF CANADA
Notes to the Financial Statements
For the year ended 31 December 2021

1. Nature of operations

On 7 May 2001, Product Care Association (the “Association”) was incorporated under the Canada Corporations Act. The new entity was the result of the amalgamation of PPC Paint and Product Care Association and Consumer Product Care Association. Effective 7 January 2015, the Association filed Articles of Continuance under the Canada Not-for-Profit Corporations Act and changed its name to Product Care Association of Canada. The Association is a not-for-profit organization and as such, the Association is not subject to income taxes.

The purpose of the Association is to design, implement, and operate product stewardship programs in Canada or elsewhere. Product stewardship programs are industry funded and managed programs which provide a collection system to consumers for unwanted products. The program then takes responsibility for the recycling and proper disposal of the waste products. Products accepted by the Association’s stewardship programs include: paint, pesticides, flammable liquids and other household hazardous waste, lighting products and smoke and carbon monoxide alarms. The Association operates product stewardship programs for some or all of these products in BC, Saskatchewan, Manitoba, Ontario, Quebec, Nova Scotia, New Brunswick, Prince Edward Island and Newfoundland and Labrador.

2. Summary of significant accounting policies

The Association applies the Canadian accounting standards for not-for-profit organizations.

(a) Financial instruments

(i) Measurement of financial instruments

The Association initially measures its financial assets and liabilities at fair value and subsequently measures all of its financial assets and financial liabilities at amortized cost, except for investments in equity instruments that are quoted in an active market and investments in other securities, which are measured at fair value. Changes in fair value are recognized in the statement of operations.

Financial assets measured at amortized cost include cash and cash equivalents, restricted cash, term deposits, accounts receivable, and forgivable loans.

Financial liabilities measured at amortized cost include accounts payable and accrued liabilities.

The Association’s financial assets measured at fair value include investments and the reserve which is comprised of various investments in mutual funds.

PRODUCT CARE ASSOCIATION OF CANADA
Notes to the Financial Statements
For the year ended 31 December 2021

2. Summary of significant accounting policies - Continued

(a) Financial instruments - Continued

(ii) Impairment

Financial assets measured at cost are tested for impairment when there are indicators of impairment. The amount of the write-down is recognized in the statement of operations. The previously recognized impairment loss may be reversed to the extent of the improvement, directly or by adjusting the allowance account, provided it is no greater than the amount that would have been reported at the date of the reversal had the impairment not been recognized previously. The amount of the reversal is recognized in the statement of operations.

(iii) Transaction costs

The Association recognizes its transaction costs in the statement of operations in the period incurred. However, financial instruments that will not be subsequently measured at fair value are adjusted by the transaction costs that are directly attributable to their origination, issuance or assumption.

(b) Cash and cash equivalents

The Association's policy is to disclose bank balances under cash and cash equivalents, including bank overdrafts with balances that fluctuate frequently from being positive to overdrawn and term deposits with a maturity period of three months or less from the date of acquisition. Term deposits that the Association cannot use for current transactions because they are pledged as security are also excluded from cash and cash equivalents.

(c) Tangible capital assets

Tangible capital assets are recorded at cost. The Association provides for amortization using the straight-line method at rates designed to amortize the cost of the tangible capital assets over their estimated useful lives. The annual amortization rates are as follows:

Building	25 years
Office equipment	2 years
Depot equipment	2, 3 and 5 years

PRODUCT CARE ASSOCIATION OF CANADA
Notes to the Financial Statements
For the year ended 31 December 2021

2. Summary of significant accounting policies - Continued

(d) Intangible assets

Intangible assets are recorded at cost. The Association provides for amortization using the following methods at rates designed to amortize the cost of the intangible assets over their estimated useful lives. The annual amortization rate is as follows:

ERP software	5 years
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Intangible assets with an indefinite life are not amortized and are assessed annually for impairment.

(e) Impairment of long-lived assets

The Association tests long-lived assets for impairment when events or changes in circumstances indicate that their carrying value may not be recovered. When a tangible capital asset or intangible asset no longer contributes to the services provided by the Association its carrying value amount is written down to its residual value. No impairment losses were determined by management to be necessary for the year.

(f) Revenue recognition

Environmental Handling Fees (EHFs) are received from registered members within the provinces which participate in the Association's programs. The Association recognizes these fees as revenue when received or receivable if the amount to be received can be reasonably estimated and collection is reasonably assured. EHF's revenues are recognized as individual members report and remit them as required by the Association's membership agreement which is by the end of the month following the reporting period that the designated program materials were sold by the member.

Members are obligated to remit EHF's for all products sold from the earlier of the programs' start date or the date when the member started selling obligated products. If, for any reason, a member omits reporting and remitting EHF's associated with sold program products, the Association will recognize those EHF's as revenue when the amounts are determinable by the Association.

Investment income includes interest income, and realized and unrealized investment gains and losses. Unrealized gains and losses are reported in the statement of operations. Unrestricted investment income is recognized as revenue when earned.

PRODUCT CARE ASSOCIATION OF CANADA
Notes to the Financial Statements
For the year ended 31 December 2021

2. Summary of significant accounting policies - Continued

(g) Use of estimates

The preparation of financial statements in conformity with Canadian accounting standards for not-for-profit organizations requires management to make estimates and assumptions that affect the reported amounts of assets, liabilities, revenues and expenses and disclosure of contingencies at the date of the statement of financial position. Accounts and disclosures subject to estimates include amortization of tangible capital and intangible assets, accrued liabilities, revenue recognized for EHF's receivable and commitments for unprocessed product on hand. Management believes that estimates utilized in preparing the financial statements are prudent and reasonable, however, actual results could differ from those estimates.

(h) Foreign exchange

Monetary assets and liabilities of the Association which are denominated in foreign currencies are translated at year end exchange rates. Other assets and liabilities are translated at rates in effect at the date the assets were acquired and liabilities incurred. Revenue and expenses are translated at the rates of exchange in effect at their transaction dates. The resulting gains or losses are included in the statement of operations.

3. Restricted cash

Restricted cash is comprised of the following amounts:

	<u>2021</u>	<u>2020</u>
Ontario Fee Reduction Campaign (Note 12)	\$ -	\$ 1,616,224
Ontario Fee Reduction Reserve (Note 10(b))	<u>765,500</u>	<u>765,500</u>
	<u>\$ 765,500</u>	<u>\$ 2,381,724</u>

4. Forgivable loans

The Association has advanced funds in the form of forgivable loans to various organizations for the development of collection facilities for specific programs (Note 11(b)). Providing that the collection facility commences operations and meets the various criteria in the collection site agreement, these funds and any related interest are forgiven at the rate of 10% or 20% of the original amount of the loan on each anniversary of the commencement of the collection site's operations. If the development of the collection facility is not completed, or the collection facility does not commence operations, the amounts advanced are repayable to the Association plus interest at 8% per annum.

PRODUCT CARE ASSOCIATION OF CANADA
Notes to the Financial Statements
For the year ended 31 December 2021

4. Forgivable loans - Continued

	2021	2020
Balance - beginning of year	\$ 338,885	\$ 395,765
Funds advanced during the year	89,910	-
Loans forgiven during the year	(56,401)	(56,880)
Balance - end of year	\$ 372,394	\$ 338,885

5. Term deposits

(a) Short-term

As at 31 December 2021, the Association held term deposits of \$Nil (2020 - \$11,000,000).

(b) Long-term

As at 31 December 2021, the Association held term deposits totalling \$20,716,359 (2020 - \$14,919,661) with maturity dates ranging from 18 July 2024 to 6 December 2024 and bearing interest at 1.0% to 1.5% per annum which have been classified as long-term assets.

6. Reserve

The internally restricted reserve fund was established to (1) respond to environmental impairment liability exposures and director and officers liability exposures up to predetermined levels in conjunction with the overall insurance program and (2) to fund the ongoing operations, future program expenses, potential penalties and various other projects of the Association from time to time. The amount is internally restricted and expenditures from the reserve are at the discretion of the Board of Directors. Transfers to the reserve fund are made upon resolutions passed by the Board of Directors. During the year the transfers to the fund were limited to the income earned on the investments in the reserve fund.

The assets in the reserve fund consist of cash and investments in fixed income and equity securities and are independently managed. All income earned on these investments is initially reported in the unrestricted fund and then transferred to the reserve fund. During the year, \$2,425,324 was transferred from the unrestricted fund to the reserve fund, which consisted of an unrealized gain of \$444,144 at 31 December 2021, realized investment income and gain of \$1,981,180. In the prior year, \$1,201,257 was transferred from the reserve fund to the unrestricted fund, which consisted of an unrealized gain of \$390,934 at 31 December 2020 and realized investment income and gain of \$810,323.

PRODUCT CARE ASSOCIATION OF CANADA
Notes to the Financial Statements
For the year ended 31 December 2021

7. Tangible capital assets

	Cost	Accumulated Amortization	2021 Net	2020 Net
Land	\$ 7,659,119	\$ -	\$ 7,659,119	\$ 3,403,983
Buildings	8,168,644	1,231,245	6,937,399	4,964,167
Equipment	3,052,230	2,320,606	731,624	350,860
Office equipment	5,551	5,551	-	-
	\$ 18,885,544	\$ 3,557,402	\$ 15,328,142	\$ 8,719,010

During the year, the Association acquired a building and an associated parcel of land for \$2,268,354 and \$4,255,136 respectively. The property will be used as a new office facility.

Land and buildings consist of two properties where legal ownership resides with bare trustee corporations. The Association has beneficial ownership of the properties.

Included in operating expenses and general and administrative expenses is a total of \$571,332 (2020 - \$431,701) of amortization expense.

8. Intangible assets

	Cost	Accumulated Amortization	2021 Net	2020 Net
ERP Software	\$ 754,986	\$ 754,986	\$ -	\$ 10,248
Quebec RecycFluo Program	50,000	-	50,000	50,000
	\$ 804,986	\$ 754,986	\$ 50,000	\$ 60,248

During the 2012 fiscal year, the Association acquired certain intangible assets related to commencement of the Quebec RecycFluo Program for \$50,000. The intangible assets acquired consist of the program trademark and the list of program members that was established by the previous program manager. Management of the Association is of the opinion that no impairment allowance is required for the 2021 fiscal year.

Included in operating expenses and general and administrative expenses is a total of \$10,248 (2020 - \$53,221) of amortization expense.

PRODUCT CARE ASSOCIATION OF CANADA
Notes to the Financial Statements
For the year ended 31 December 2021

9. Accounts payable and accrued liabilities

	<u>2021</u>	<u>2020</u>
Accounts payable and accrued liabilities	\$ 7,046,760	\$ 5,572,835
Government remittances payable	<u>174,194</u>	<u>310,666</u>
	<u>\$ 7,220,954</u>	<u>\$ 5,883,501</u>

10. Contingencies

- (a) Effective for the 2020 fiscal year, pursuant to the Regulation regarding the recycling and recovery of products by businesses as amended on 4 November 2019, the Association is required to calculate and accrue certain penalties if material collection targets as defined by the regulation are not met. Included in accrued liabilities are estimated penalties of \$810,354 (2020 - \$402,091), as a result of the program not meeting certain material collection targets in the fiscal year. These penalties are payable to the Quebec Green Fund five years after the year they are incurred and can be offset over the next five years if the program exceeds collection targets. The estimated penalties incurred in each fiscal year are as follows:

2020	\$402,091
2021	<u>408,263</u>
	<u>\$810,354</u>

- (b) Pursuant to the Surplus Fund Transfer Addendum (Note 12), the Association established a restricted reserve fund of \$765,500 (2020 - \$765,500) from the Association's existing assets excluding the surplus funds received as part of the Fee Reduction Campaign. The restricted reserve fund has been allocated to the categories of designated program materials as follows:

Paint and Coatings	\$ 673,700
Pesticides	15,000
Solvents	61,700
Fertilizers	<u>15,100</u>
	<u>\$ 765,500</u>

The purpose of the restricted reserve fund is to cover certain expenses which may be invoiced by Stewardship Ontario should there be a delay in transitioning the MHSW program to individual producer responsibility beyond 30 September 2021. In the event that there is insufficient funding in the restricted reserve fund to cover the expenses during a transitional delay, the Association is required to fund any expenses in excess of the restricted reserve fund from its own assets. At the date of the independent auditors' report, while the transition of the MHSW program is underway, it is indeterminable whether the Association will be required to fund any expenses, either up to, or in excess of, the amount of the restricted reserve fund.

PRODUCT CARE ASSOCIATION OF CANADA
Notes to the Financial Statements
For the year ended 31 December 2021

11. Commitments

- (a) The Association has a lease agreement for the Quebec office suite which expires on 31 May 2024.

The Association has a lease agreement for the Ontario office which expires on 29 Feb 2024.

The annual lease payments for the Association's premises are as follows:

2022	\$ 105,541
2023	106,198
2024	<u>30,909</u>
	<u>\$ 242,648</u>

- (b) In previous years, the Association's board of directors had passed resolutions to make funds up to \$2,335,000 available which can to be used for the development of collection facilities for certain ongoing programs. These funds are to be disbursed at the discretion of the Association based on an application process from qualifying organizations. As of 31 December 2021, \$653,242 of loans have been disbursed from the pool of available funds (Note 4) and \$280,848 of loans have been forgiven.
- (c) During the year, the Association's board of directors passed a resolution to make capital funding of up to \$1,000,000 available to collection sites participating in the Saskatchewan Household Hazardous Waste Program. The terms and conditions of how these funds will be disbursed have not been determined by the Association at the date of the Independent Auditors' Report.
- (d) At year end the Association had unprocessed product on hand with an estimated cost to process, transport and recycle of \$1,191,111 (2020 - \$1,406,710) which will be incurred during 2022.

PRODUCT CARE ASSOCIATION OF CANADA
Notes to the Financial Statements
For the year ended 31 December 2021

12. Ontario Fee Reduction Campaign

On 24 June 2020, the Resource Productivity and Recovery Authority (“RRPA”) approved the Surplus Fund Transfer Addendum which, among other matters, included a transfer of surplus funds from the previous Municipal Hazardous or Special Waste (“MHSW”) program to Stewards or members of the program. On 8 July 2020, the Association entered into an agreement with Stewardship Ontario (“SO”) to distribute surplus funds from the MHSW program to the members of the Ontario PaintRecycle Program and the Ontario Pesticides, Solvents and Fertilizers Program (the “Programs”). Under the agreement the Association received total surplus funds of \$16,366,500, of which \$14,586,000 was to be distributed to members of the Ontario PaintRecycle Program and \$1,780,500 was to be distributed to members of the Ontario Pesticides, Solvents and Fertilizers Program before 30 June 2021. Under the agreement, eligible members of the Programs were entitled to receive a reduction of Environmental Handling Fees (“EHFs”) from the surplus funds that would have otherwise been payable by the members as they report EHFs, in accordance with the fee reduction schedule as established and agreed by the Association and SO. The remaining amounts to be distributed to members as of 31 December 2020 were \$801,158 related to the Ontario PaintRecycle Program and \$815,066 related to the Ontario Pesticides, Solvents and Fertilizers Program. In 2021, the Association continued to distribute the SO funds to members. For any remaining amounts of SO funds related to Paint, Pesticides and Fertilizers, cash refunds of \$827,599 were issued to members during the year.

After the final distribution of the SO surplus funds related to Solvents, the board of directors approved an extension of the Ontario Solvent fee reduction program. The extended fee reduction program is funded from the accumulated surplus generated by the Association's Solvent program which has been used to reduce EHF's owing by members. For the year ended 31 December 2021, the extended Ontario Solvents fee reduction program resulted in a decrease in EHF revenue of \$235,576.

13. Financial instruments

The Association is exposed to various risks through its financial instruments. The following analysis provides a measure of the Association's risk exposure and concentrations at the statement of financial position date, 31 December 2021.

(a) Credit risk

Credit risk is the risk that one party to a financial instrument will cause a financial loss for the other party by failing to discharge an obligation. The Association's main credit risks relate to its cash and cash equivalents, restricted cash, term deposits, accounts receivable and forgivable loans. Cash, cash equivalents, restricted cash and term deposits are in place with major financial institutions. Concentrations of credit risk with respect to accounts receivable are limited due to the large number of customers. Concentrations of credit risk with respect to the forgivable loans are limited to the extent that a collection facility who has received a forgivable loan does not become operational and the loan becomes repayable to the Association (Note 4). The Association has evaluation and monitoring processes in place and writes off accounts when they are determined to be uncollectible. There has been no change to the risk exposure from the prior year.

PRODUCT CARE ASSOCIATION OF CANADA
Notes to the Financial Statements
For the year ended 31 December 2021

13. Financial instruments - Continued

(b) Liquidity risk

Liquidity risk is the risk that an entity will encounter difficulty in meeting obligations associated with financial liabilities. The Association is not exposed to this risk due to its strong working capital position. There has been no change to the risk exposure from the prior year.

(c) Market risk

Market risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in market prices. Market risk comprises three types of risk: currency risk, interest rate risk and other price risk.

(d) Currency risk

Currency risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in foreign exchange rates. The Association has investments denominated in U.S. dollars included in the reserve (Note 6). As such, these investments are exposed to foreign exchange fluctuations.

Certain assets and liabilities are exposed to foreign exchange fluctuations due to transactions denominated in foreign currency. As at 31 December 2021, cash and accounts receivable of \$541,242 USD and \$97,818 USD (2020 - \$531,115 USD and \$100,580 USD) respectively and accounts payable and accrued liabilities of \$50,879 USD (2020 - \$20,035 USD) has been converted into Canadian dollars. There has been no change to the risk exposure from the prior year.

(e) Interest rate risk

Interest rate risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in market interest rates. The Association is exposed to interest rate risk on its fixed and floating interest rate financial instruments. Fixed-rate instruments subject the Association to a fair value risk while the floating-rate instruments subject it to a cash flow risk. There has been no change to the risk exposure from the prior year.

PRODUCT CARE ASSOCIATION OF CANADA
Notes to the Financial Statements
For the year ended 31 December 2021

13. Financial instruments - Continued

(f) Other price risk

Other price risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in market prices (other than those arising from interest rate risk or currency risk), whether those changes are caused by factors specific to the individual financial instrument or its issuer, or factors affecting all similar financial instruments traded in the market. The Association is exposed to other price risk through amounts held in investments and the reserve. There has been no change to the risk exposure from the prior year.

14. Controlled organization

The Association controls PCA Product Stewardship Inc. ("PCA PSI") as it is the sole member of PCA PSI and has the right to appoint the majority of PCA PSI's Board of Directors. The Association and PCA PSI have certain members of the Board of Directors in common.

PCA PSI was created to develop and manage programs in the USA that allow members to easily satisfy state regulations around the end of life handling of various products produced and sold by industry. PCA PSI is currently managing the Washington State LightRecycle program.

PCA PSI has not been consolidated in the Association's financial statements. Financial statements of PCA PSI are prepared in accordance with US generally accepted accounting principals FASB ASC 958, not-for-profit entities. The financial summary as at 31 December 2021 and for the year then ended are based on the unaudited financial statements as prepared by management and are translated to Canadian dollars using the current rate method.

PRODUCT CARE ASSOCIATION OF CANADA
Notes to the Financial Statements
For the year ended 31 December 2021

14. Controlled organization - Continued

PCA PSI

	31 December 2021	31 December 2020
	(unaudited)	
Financial Position		
Total assets	\$ 2,413,993	\$ 1,976,432
Total liabilities	115,943	79,347
Total net assets	2,298,050	1,897,085
	\$ 2,413,993	\$ 1,976,432
	31 December 2021	31 December 2020
	(unaudited)	
Results of Operations		
Total revenue	\$ 1,506,927	\$ 1,758,482
Total expenses	1,102,530	1,253,263
Excess of revenues over expenses	\$ 404,397	\$ 505,219
	31 December 2021	31 December 2020
	(unaudited)	
Cash Flows		
Cash provided by operating activities	\$ 560,965	\$ 320,097

PRODUCT CARE ASSOCIATION OF CANADA
Notes to the Financial Statements
For the year ended 31 December 2021

15. Related party transactions

The Association is related to PCA PSI (Note 14). The following summarizes the related party balances and transactions for the year.

Included in accounts receivable is \$18,814 (2020 - \$9,953) due from PCA PSI. These amounts are unsecured, non-interest bearing and will be received in the 2022 fiscal year.

Included in revenues is \$88,360 (2020 - \$110,622) charged to PCA PSI for administrative expenses.

These transactions are in the normal course of operations and have been valued at the exchange amount which is the amount of consideration established and agreed to by the related parties.

16. Impact of COVID-19

In March 2020, the World Health Organization declared the COVID-19 outbreak to be a public health emergency. This pandemic has caused an increase in economic uncertainty that has lead to volatility in international markets and disrupted business operations around the world. The Association's primary source of revenue is derived from Environmental Handling Fees charged to its members on the sale of approved program products which are dependant on the members' ongoing business operations. Additionally, the Association's operating expenses are largely comprised of the costs of collection, transportation and processing of program products as these are returned to the Association for recycling and proper disposal. During the year, the Association continued to receive revenue from Environmental Handling Fees as charged to its members. The Association did experience disruption in its collection and processing activities in certain provinces at various points during the year due to regional COVID-19 restrictions. At the date of the Independent Auditors' Report, the Association's management has been unable to determine the impact of the COVID-19 pandemic on future revenues, expenses and operations.

Appendix F - 2021 Third Party Assurance Statement for Non-Financial Information

**PRODUCT CARE ASSOCIATION OF CANADA -
BC LAMPS AND LIGHTING EQUIPMENT STEWARDSHIP
PROGRAM**

**INDEPENDENT REASONABLE
ASSURANCE REPORT**

31 DECEMBER 2021

INDEPENDENT REASONABLE ASSURANCE REPORT

To the Directors of
Product Care Association of Canada,

Assurance Level and Selected Information

We have been engaged by Product Care Association of Canada (the “Association”) to perform a reasonable assurance engagement in respect of the following information (the “Selected Information”), detailed in Appendix 1, and also included within the Association’s Annual Report for the BC Lamps and Lighting Equipment Program to the Ministry of Environment and Climate Change Strategy for the year ended 31 December 2021:

- Section 4.1 - Collection Sites and Appendix C - the location of collection facilities, and any changes in the number and location of collection facilities from the previous report in accordance with Section 8(2)(b) of BC Regulation 449/2004 (the “Recycling Regulation”);
- Section 6 - Pollution Prevention Hierarchy and Product/Component Management - the description of how the recovered product was managed in accordance with the pollution prevention hierarchy under Section 8(2)(d) of the Recycling Regulation;
- Section 7.2 - Products Collected - the description of how total amounts of the producer’s product collected has been calculated in accordance with Section 8(2)(e) of the Recycling Regulation; and
- Section 9 - Plan Performance – the description of performance for the year in relation to targets in the approved stewardship plan under Section 8(2)(b), (d) and (e) of the Recycling Regulation.

Our reasonable assurance engagement does not constitute a legal determination on the Association's compliance with Sections 8(2)(b), (d) and (e) of the Recycling Regulation.

Responsibilities

Preparation and fair presentation of the Selected Information in accordance with the evaluation criteria as listed in Appendix 1 is the responsibility of the Association’s management. Management is also responsible for such internal control as management determines is necessary to enable the preparation of the Selected Information such that it is free from material misstatement. Furthermore management is responsible for preparation of suitable evaluation criteria in accordance with the Recycling Regulation Guidance - Third Party Assurance for Non-Financial Information in Annual Reports – 2021 Reporting Year dated November 2021, as specified by the Director under section 8(2)(h) of the Recycling Regulation of the Province of British Columbia.

Our responsibility is to express an opinion on the Selected Information based on the procedures we have performed and the evidence we have obtained.

Evaluation Criteria

The evaluation criteria presented in Appendix 1 are an integral part of the Selected Information and address the relevance, completeness, reliability, neutrality and understandability of the Selected Information.

Applicable Quality Control Requirements

We apply Canadian Standard on Quality Control 1 and, accordingly, maintain a comprehensive system of quality control, including documented policies and procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

Scope of the Reasonable Assurance Engagement

We carried out our reasonable assurance engagement in accordance with the International Standard on Assurance Engagements 3000 (ISAE 3000) published by the International Federation of Accountants. This Standard requires that we comply with independence requirements and plan and perform the engagement to obtain reasonable assurance about whether the Selected Information is free of material misstatement.

A reasonable assurance engagement includes examining, on a test basis, evidence supporting the amounts and disclosures within the Selected Information. The procedures selected depend on our judgement, including the assessment of the risks of material misstatement in the Selected Information due to omissions, misrepresentations and errors. In making those risk assessments, we consider internal control relevant to the entity's preparation and fair presentation of the Selected Information in order to design assurance procedures that are appropriate in the circumstances, but not for the purpose of expressing a conclusion on the effectiveness of the entity's internal control. A reasonable assurance engagement also includes assessing the evaluation criteria used and significant estimates made by management, as well as evaluating the overall presentation of the Selected Information. The main elements of our work were:

- Gain an understanding of the data collection, monitoring and reporting processes through inquiries of management;
- Testing the processes, documents and records on a sample basis;
- Re-calculating quantitative data on a sample basis as it pertains to the Selected Information; and
- Evaluating the presentation of the Selected Information in the Annual Report.

We believe that the evidence we have obtained is sufficient and appropriate to provide a basis for our conclusion.

Inherent Limitations

Non-financial performance information is subject to more inherent limitations than financial information, given the characteristics of the Selected Information and the methods used for determining and calculating such information. Qualitative interpretations of relevance, materiality and the accuracy of data are subject to individual assumptions and judgments. Furthermore, the nature and methods used to determine such information, as well the evaluation criteria and the precision thereof, may change over time. It is important to read our report in the context of evaluation criteria.

Conclusion

In our opinion, the Selected Information within Product Care Association of Canada's Annual Report for the BC Lamps and Lighting Equipment Program for the year ended 31 December 2021 presents fairly, in all material respects, in accordance with the evaluation criteria listed in Appendix 1:

- The location of collection facilities, and any changes in the number and location of collection facilities from the previous report in accordance with Section 8(2)(b) of the Recycling Regulation;
- The description of how the recovered product was managed in accordance with the pollution prevention hierarchy under Section 8(2)(d) of the Recycling Regulation;
- The description of how total amounts of the producer's product collected has been calculated in accordance with Section 8(2)(e) of the Recycling Regulation; and
- The description of performance for the year in relation to targets in the approved stewardship plan under Section 8(2)(b), (d) and (e) of the Recycling Regulation.

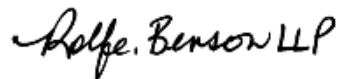
Emphasis of Matter

Without qualifying our opinion, the following should be noted regarding the information in the Annual Report:

1. The Association does not present a recovery rate in the Annual Report. As such, the total amount of producer's products sold as presented on Table 12 - Units Reported Sold by Product Category in 2021 of the Annual Report has not been included in the Selected Information in accordance with the Recycling Regulation Guidance - Third Party Assurance for Non-Financial Information in Annual Reports – 2021 Reporting Year dated November 2021 as issued by the British Columbia Ministry of Environment and Climate Change Strategy.

Other Matter

Our report has been prepared solely for the purposes of management's stewardship under the Recycling Regulation and is not intended to be and should not be used for any other purpose. Our duties in relation to this report are owed solely to the Association, and accordingly, we do not accept any responsibility for loss occasioned to any other party acting or refraining from acting based on this report.



CHARTERED PROFESSIONAL ACCOUNTANTS

Vancouver, Canada
28 June 2022

Appendix 1

Evaluation Criteria

Collection facilities

Specific disclosures in the annual stewardship report from Section 4.1 - Collection Sites and Appendix C - List of Contracted Collection Sites as of December 31st 2021 for which evaluation criteria were developed	
Disclosure per Annual Report	Reference
Total number of collection facilities - 454	Appendix C - List of Contracted Collection Sites as of December 31 st 2021
“A collection site is a physical location where consumers can drop off Program Products at no charge. Collection sites can offer one or more collection services based on various factors. Services offered by collection sites are generally advertised to the public. In some cases, collection sites are not advertised where the location does not collect from the general public. Product Care enters into separate contracts with collection sites for each collection service offered and as a result, there is no one-to-one relationship between the number of sites and the number of services offered.”	
“The Program’s collection system included 454 contracted collection sites, with 9 advertised sites added in 2021, 7 advertised sites removed representing a net increase of 2 sites from 2020.”	

The following evaluation criteria were applied to the assessment of the location of collection facilities, and any changes in the number and location of collection facilities from the previous report in accordance with Section 8(2)(b) of the Recycling Regulation:

- “Collection facilities” are depots that have a signed contract with the Association for the collection of program materials during the reporting period: 1 January – 31 December 2021, a physical location that is available to collect program materials, and the staff of the facility has an adequate understanding of the program.
- The Association maintains a listing of all collection facilities for the program, including the location of the collection facility, the total of which agrees to the number of collection facilities as disclosed in the Annual Report.
- Large volume generators (LVG’s) and collection events are excluded from the number of collection facilities.
- The change in number of collection facilities is calculated by comparing the current number of collection facilities, a sum of all the collection facilities that have a signed contract within a given reporting year and those that closed within the same reporting year, to the number of collection facilities reported in the prior reporting year.

Pollution Prevention Hierarchy

Specific disclosures in the annual stewardship report from Section 6 - Pollution Prevention Hierarchy and Product/Component Management for which evaluation criteria were developed	
Disclosure per Annual Report	Reference
<p>“After collection, Program Products are transported to the Program’s primary processors. These processors include two for processing whole lamps, three for fixtures, one for crushed lamps and one for PCB containing ballasts. At the processors, with exception of PCB ballast, Program Products are broken down into their respective component materials and either processed on site or sent to a downstream processor for further processing. Information about how material was managed by the Program’s primary processors was based on information provided to Product Care by the Program’s primary processors.”</p>	
<p>Material: Lamps Sub-Component: Phosphor Powder with Mercury End fate: Securely landfilled</p> <p>Sub-Component: Metal End fate: Recycled – Metal commodity</p> <p>Sub-Component: Glass End fate: Recycled – Recycled as sand blasting material and aggregate</p> <p>Sub-Component: LED Plastic End fate: Landfilled</p> <p>Sub-Component: Plastic End fate: Recycled as sand blasting material and aggregate; ground up and sent with metal for smelting, as an energy component</p>	Table 11: Materials Processing
<p>Material: Crushed Lamps Sub-Component: Metal End fate: Same as whole lamps</p> <p>Sub-Component: Glass End fate: Recycled as aggregate in concrete</p> <p>Sub-Component: Mercury and Phosphor Powder End fate: Same as whole lamps</p> <p>Sub-Component: Plastic End fate: Recycled as aggregate</p>	Table 11: Materials Processing
<p>Material: Residential Fixtures “Residential fixtures contain materials similar to small appliances (e.g., metal, glass, plastics, etc.). The Program partnered with the Canadian Electrical Stewardship Association’s (CESA) program (ElectroRecycle) to collect residential fixtures along with small appliances and power tools at CESA-contracted collection sites. They were shipped to three independent processors where they were comingled with other electronics and broken down into their respective components to be recycled and/or recovered.”</p>	
<p>Sub-Component: Ferrous Steel End fate: Recycled – Production, Processing, Non-processing</p>	Table 11: Materials Processing

<p>Sub-Component: Plastics End fate: Recycled – Processing</p> <p>Sub-Component: Aluminum End fate: Recycled – Production, Processing, Non-processing</p> <p>Sub-Component: Wire and Cables and String lights End fate: Recycled – Refining, Non-processing</p> <p>Sub-Component: Copper End fate: Recycled – Processing, Refining</p> <p>Sub-Component: Glass End fate: Recycled – Processing, Non-processing</p> <p>Sub-Component: Circuit Boards End fate: Recycled – Refining</p> <p>Sub-Component: Rechargeable Batteries End fate: Reuse, Recycled – Processing, Non-processing, Reuse</p> <p>Sub-Component: Paper Based Materials End fate: Recycled - Processing</p> <p>Sub-Component: Non Rechargeable Batteries End fate: Reuse, Recycled – Reuse, Processing, Non-processing, Refining</p>	
<p>Material: Commercial Fixtures and Non-PCB Ballasts “Commercial fixtures and non-PCB ballasts were collected and managed outside the Program through the existing market-driven metal recycling system. According to a spokesperson from the Canadian Association of Recycling Industries (CARI) collected materials are sent to a downstream scrap metal recycling processor, where the main materials recovered are metals. All metal is extracted and recycled, and the remaining shredder residue is sent to landfill for use as landfill cover. The Program does not receive reporting from metal recyclers and therefore is not able to verify or report on the volume and portion of the material recycled and or disposed of through this system.”</p>	
<p>Sub-Component: NA End fate: Managed through the existing market driven scrap metal recycling system</p>	Table 11: Materials Processing
<p>Material: PCB Ballasts “PCBs are strictly regulated from transportation to disposal by the BC Ministry of Environment and Climate Change Strategy, Environment Canada, and Transport Canada. The Program contracted with a hazardous waste management company to collect, transport and manage PCB containing ballasts. Through the hazardous waste management company, the PCB ballasts were incinerated at high temperature in a licensed incinerator.”</p>	
<p>Sub-Component: NA End fate: Incineration</p>	Table 11: Materials Processing

The following evaluation criteria were applied to the assessment of how the recovered product is managed in accordance with the pollution prevention hierarchy in accordance with Section 8(2)(d) of the Recycling Regulation:

- The Association maintains a listing of all products shipped to the primary processor which is supported by shipping documents or processor invoices.
- The primary processor provides an invoice indicating the amount of product processed and in some cases a certificate of processing/reclamation.
- The primary processor provides information on product management in an annual questionnaire or an annual report to the Association. Questionnaire responses were received from all processors used by the program (excluding the processors of residential fixtures).
- The information on product management for residential fixtures is based on the information in the downstream material flow documents as approved by the Recycler Qualification Office (“RQO”) and information included in the annual reports as provided by the primary processors.
- Shipments of hazardous waste generated from the processing of lamps flow through a multi-step processing environment. Shipments to the primary processor are supported by a bill of lading that does not include information on the expected disposition of these products by the secondary processor. Shipments from the primary processor to the secondary processor are supported by the applicable government manifest which includes co-mingled materials from other sources and information on the expected disposition as completed by the consignee after receiving the shipment.
- Shipments of hazardous waste generated from crushed lamps and PCB ballasts are tracked on a hazardous waste manifest indicating the expected disposition.
- The Association performs periodic site inspections of the processors’ facilities (excluding the processors of residential fixtures). Site inspection criteria have been developed to confirm the responses in the questionnaire provided by these primary processors. Site inspections are to be performed on a rotating 3 year schedule.

Product collected

Specific disclosures in the annual stewardship report from Section 7.2 - Products Collected for which evaluation criteria were developed	
Disclosure per Annual Report	Reference
“Collection quantities for the different Program Products are based on annual processor reports and/or estimated based on quantities processed and reported by the Program’s processors between January 1 and December 31, 2021.”	
Product collected Whole Lamps – 7,039,875 units Residential Fixtures – 1,102 tonnes PCB Containing Ballasts – 10,681 kg Crushed Lamps – 3,265 kg	Table 13: Estimated Quantity of Product Collected in 2021
“Residential light fixtures are collected together with CESA products. The Program and CESA use a sampling protocol to determine the proportion of CESA products and lighting fixtures. The Program utilizes the sampling results to approximate the tonnage of residential light fixtures.”	

Product Collected – Lamps Fluorescent Tubes (All sizes and shapes) – 2,504,710 units Compact Fluorescent Lights (CFL)/ Screw-In Induction Lamps – 1,075,514 units Light Emitting Diodes (LED) – 514,621 units High Intensity Discharge (HID) and Other – 147,933 units Incandescent / Halogen – 2,797,097 units	Table 14: Whole Lamp Units Collected by Product Category
<p>“This number (fluorescent tubes) includes 0-2’, 2-4’, 4-8’, and U and O shaped tubes and Poly-coated tubes. Poly-coated tubes are reported from the processor in length of feet. The length is then divided by 4 and rounded to nearest whole number to obtain reported units.”</p> <p>“This number (HID and other) includes Sodium lamps, HPS lamps (High Pressure Sodium), Metal Halide lamps, Mercury Vapour lamps, Induction tubes, UVC lamps and tubes, and Neon tubes. Neon tubes are reported from the processor in length of feet. The length is then divided by 4 and rounded to nearest whole number to obtain reported units.”</p> <p>“This number (Incandescent/Halogen) includes projector bulbs and miniature bulbs.”</p>	
<p>“Commercial fixtures and non-PCB containing ballasts were collected and managed outside the Program through the existing market-driven metal recycling system. These facilities manage various types of scrap metal obtained from a range of products. Given the relative size and volume of the Program Products, the manner in which materials are received at metal recycling facilities, and the space and resources required to separate Program Products on site, it is not practical for metal recycling facilities to segregate commercial fixtures and non-PCB containing ballasts from the mixed-stream of recycled products and provide discrete collection volumes to report out on units collected.”</p>	

The following evaluation criteria were applied to the assessment of the description of how total amounts of the producer’s product collected has been calculated in accordance with Section 8(2)(e) of the Recycling Regulation:

Product Collected

- The Association maintains a listing of product collected by product category for the fiscal year which agrees to the amounts disclosed in the Annual Report.
- Each shipment of product collected is supported by documentation provided by the processor which indicates the total units collected and the type of program materials collected.
- Residential fixtures are co-mingled with other end of life electronic materials during collection. The processors perform periodic sampling activities to determine the estimated percentage of program materials belonging to the program. The weights of residential fixtures related to the program are calculated by multiplying the total weight of co-mingled materials by the estimated percentage of LightRecycle program materials.

Performance targets**Specific disclosures in the annual stewardship report from Section 9 - Plan Performance for which evaluation criteria were developed**

No targets relating to Section 8(2)(b), (d) and (e) of the Recycling Regulation were presented in the 2021 Annual Report.

The following evaluation criteria were applied to the assessment of the description of performance for the year in relation to targets in the approved stewardship plan under Section 8(2)(b), (d) and (e) of the Recycling Regulation:

- All stewardship plan targets relating to Section 8(2)(b), (d) and (e) of the Recycling Regulation have been identified and reported on by management in the Annual Report.
- The description of progress against targets to date is supported by records of progress maintained by the Association.