

Product Care Association Annual Report to the Director 2012

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Product Care Association 2012 Report to Director, Waste Management

1. Executive Summary

After the expiration of the Product Care 2006-2011 Paint and HHW Program Plan, the 2012-2016 Plan was submitted in July 23 2012 and is pending Ministry approval. Please note all performance measures and targets will be based on the 2012-2016 Plan.

| | |
|-----------------------------|---|
| Products within plan | <ul style="list-style-type: none"> • Architectural paints & coatings (household), consumer, industrial, automotive paint aerosols • Domestic pesticides • Flammable liquids and aerosols • Gasoline |
| Program website | www.productcare.org/BC-Paint-Program |

| Recycling Regulation Reference | Topic | Summary |
|--------------------------------|---|--|
| Part 2, section 8(2)(a) | Public Education Materials and Strategies | <ul style="list-style-type: none"> • Yellow Pages ads placed in 47 publications across BC. • Advertised in 16 municipal calendars in collaboration with regional districts. • 14,900 Point of Sale brochures, 90 posters, and 7,000 paint can stickers replenished as requested. |
| Part 2, section 8(2)(b) | Collection System and Facilities | <ul style="list-style-type: none"> • 7 collection sites were added in 2012, for a total of 179 collection sites by Dec. 31, 2012. • Of the 179 collection sites, 112 are paint-only and 67 paint-plus collection sites. • 22 collection events took place in 2012. |
| Part 2, section 8(2)(c) | Product Environmental Impact Reduction, Reusability and Recyclability | <ul style="list-style-type: none"> • However, there has been a steady shift in the marketplace from oil based (alkyd) paints to water based latex paints. This trend is expected to continue as the consumer preference for latex paint increases and technical specifications improve. • Federal regulations relating to volatile organic compounds and the composition of surface coatings are hastening the process of reducing the environmental impact of paint products. |
| Part 2, section 8(2)(d) | Pollution Prevention Hierarchy and Product / Component Management | <p><u>Paint (Latex/Alkyd):</u></p> <ul style="list-style-type: none"> ○ Reuse: 1.8% of all paint collected by PCA was reused through the Paint Exchange program. ○ Recycling: 100% of latex paint was recycled back into paint and coating products or recycled into concrete/Portland cement. ○ Energy recovery: 100% of alkyd paint, was sent to energy recovery as an alternative energy source in |

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| | | <ul style="list-style-type: none"> ○ permitted incinerators. ○ No program products were sent to landfill. <p><u>Paint containers:</u></p> <ul style="list-style-type: none"> ○ Recycling: 100% of metal cans and pails and 100% of plastic pails were recycled. ○ Energy recovery: 100% of polypropylene paint cans were used as an alternative energy source in permitted incinerators. ○ Disposal/Landfill: no paint containers were landfilled. <p><u>Paint aerosols and containers:</u></p> <ul style="list-style-type: none"> ○ Recycling: all paint aerosols containers were sent for recycling. ○ Energy Recovery: 100% of paint aerosol residuals was sent to energy recovery as an alternative energy source in permitted incinerators.. ○ Disposal/landfill: no paint aerosols residuals or containers were landfilled. <p><u>Flammables liquids and containers:</u></p> <ul style="list-style-type: none"> ○ Recycling: 100% of flammable containers were recycled. ○ Energy recovery: 100% of flammable was sent to energy recovery as an alternative energy source in permitted incinerators. ○ Disposal/landfill: no flammable residuals or containers were landfilled. <p><u>Pesticides and containers:</u></p> <ul style="list-style-type: none"> ○ Recycling: 100% of pesticide containers were recycled. ○ Disposal: 100% of pesticide residuals were sent for incineration at licensed facilities. <p><u>Gasoline and containers:</u></p> <ul style="list-style-type: none"> ○ Recycling: 100% of gasoline containers were recycled. ○ Energy recovery: 100% of gasoline liquids was sent to energy recovery as an alternative energy source in permitted incinerators. ○ Disposal/Landfill: no gasoline liquids and containers were landfilled. |
| Part 2, section 8(2)(e) | Product Sold and Collected and Recovery Rate | <ul style="list-style-type: none"> ● Recovery rates are as follows: <ul style="list-style-type: none"> ○ paint, 10.2% ○ paint aerosols, 3.9% ○ flammable liquids/gasoline, 3.9% ○ pesticides, 19.9% |
| Part 2, section 8(2)(e.1) | | See Section 7 for breakdown per regional district |
| Part 2, section 8(2)(f) | Summary of Deposits, Refunds, Revenues and | <ul style="list-style-type: none"> ● The program is funded by eco fees applied on program products. ● Retailers may choose to build the eco fee into the |

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| | Expenses | <p>product's price, or display it as a separate charge to consumers at check out.</p> <ul style="list-style-type: none"> See Appendix B for the audited financial statements for the reporting year. |
|--|----------|---|

| Comparison of Key Performance Targets | | |
|---|---|---|
| Part 2 section 8(2)(g); See full list of targets in <u>Plan Performance</u> | | |
| Priority Stewardship Plan Targets | Performance | Strategies for Improvement |
| 1. <i>Target: 118 paint depots and 58 paint plus depots for a total of 176 depots by 2012.</i> | <p>Achieved: 112 paint depots and 67 paint plus depots for a total of 179 depots in 2012.</p> <p>Product Care achieved a surplus of 3 depots beyond the 2012 target.</p> | Continue to add collection sites to the network, where gaps exists. |
| 2. <i>Target: 4% annual increase of total collected volumes (container capacity volume) for the paint, flammable liquids categories and maintain pesticides collection volume to the 2011 baseline.</i> | <p>Paint achieved, a 1.9% increase (container capacity volume).</p> <p>Both flammable liquids and pesticides surpassed the 4% target, with an increase of 4.1% for flammable liquids and 9% for pesticides.</p> | <p>The sales of paint in BC declined in 2012 versus 2011, which potentially reduced the amount of paint available for collection.</p> <p>The program will continue to focus on enhancing the collection network and to increase consumer awareness.</p> |
| 3. <i>Increase volume of paint being managed through reuse to 3% of paint collected by 2016</i> | 1.8% of paint collected was reused in 2012. The 3% target is set for 2016. | Continue to promote reuse and paint exchange program |
| 4. <i>Maintain rate of 100% recycling of latex paint</i> | Achieved in 2012. | N/A |

2. Program Outline

The BC Paint and Household Hazardous Waste (HHW) program is operated and managed by Product Care Association and has been in operation since 1994. Product Care is a federally incorporated, not for profit product stewardship association formed in response to stewardship regulations and is governed by a multi sector industry board of directors.

The program is funded by membership fees, known as “eco fees”, remitted to Product Care by its members based on the volume of sales of the designated products. The Product Care Paint/HHW Member List may be viewed here: www.productcare.org/member-list

3. Public Education Materials and Strategies

Product Care uses a number of methods to raise consumer awareness of the program. In 2012, these methods included:

- **Program Website** – The BC Paint and HHW website pages received over 79,124 hits in 2012. It provides information to BC residents on:
 - Description of products accepted by the program
 - Depot locations with details on hours of operation and products accepted at each location
 - eco-fee rates
 - Annual reports and other program information
 - Information for consumers on buying the right amount of paint as well as the safe storage and handling of program products
- **Website Linkages** – Product care coordinates with other parties, such as municipalities and regional districts, to establish links to the program’s website.
- **Reuse Websites**- To promote its paint exchange program, Product Care is listed on all relevant reuse sites.
- **Point of Sale (PoS) Materials** – 14,900 program brochures, 90 program posters, as well as 7,000 paint can-stickers were replenished as requested.
- **Yellow Pages** – Advertising was placed in the “recycling services” section of 47 Yellow Pages publications across BC.
- **RCBC Recycling Hotline** – Product Care contracts with the Recycling Council of British Columbia for the RCBC “recycling hotline” service. RCBC hotline operators provide consumers with a convenient “one stop” contact to obtain information about Product Care programs and any other recycling questions. Product Care promotes the RCBC hotline number through its web page, on its signs, brochures, as well as Yellow Pages listings. The RCBC Hotline is open Monday through Friday from 9 am to 4 pm, and is accessible to all BC residents by a toll free telephone number (1-800-667-4321).
- **RCBC Recyclepedia** – Product Care collection sites were also listed in the RCBC Recyclepedia search engine <http://rbc.bc.ca/recyclepedia>, an online province-wide searchable database for disposal options of all residential products. There is also a Recyclepedia “app” for smartphone users.
- **Local Government Partnerships**- Product Care works with municipalities and regional districts (RD) to promote the Product Care program. Specific actions include:
 - Advertising in 16 municipal garbage collection/recycling calendars
 - Local government website linkages
 - Point of purchase consumer information material was also made available to all municipalities free of charge

4. Collection System and Facilities

As of December 31, 2012, Product Care contracted with 179 permanent, collection depots in British Columbia to provide convenient locations for consumers to drop off unwanted program products, an increase compared to 172 collection locations in the prior year. Of the total of 179 locations, 112 were Paint Depots that only collected leftover paint products, including paint aerosols, and 67 were “Paint Plus” Depots that collected leftover additional paint products as well as flammable liquids, pesticides and gasoline.

See Appendix A for a complete list of depots as of December 31, 2012. Table 1 provides a comparison of 2011 and 2012 depot numbers and Table 2 lists the changes in the collection system in 2012. Table 3 lists the collection sites by regional district.

Product Care also supplements the depot collection system with a number of one day events, often in collaboration with a municipality or regional district. There were 22 collection events in 2012. A list of collection events can be found in Table 4.

Table 1 – Product Care Depots and Targets, 2011-2012

| | Actual | Actual |
|-------------------------------|--------|--------|
| Paint Depot | 115 | 112 |
| Paint Plus Depot | 57 | 67 |
| Total Permanent Depots | 172 | 179 |

Table 2 – Depot Changes in 2012

| Depot Name | Location | Change |
|---------------------------------|-----------------|-----------------------------------|
| Nelson paint depot | Nelson | Depot closed (paint plus) |
| Rosebery Transfer station | New Denver | Depot closed (paint plus) |
| Greenheart Ventures | Agassiz | Depot closed (paint) |
| Nakusp Landfill | Nakusp | Depot closed (paint) |
| Ootischenia Landfill | Castlegar | Depot closed (paint) |
| RONA – Arrow Building Supplies | Castlegar | Depot closed (paint) |
| Saanich Recycling Depot | Saanich | Depot closed (paint) |
| DC Recycling | Dawson Creek | Expanded from paint to paint plus |
| Kaslo Building and Supplies | Kaslo | Expanded from paint to paint plus |
| D&G Recycling | Tsawassen | New paint depot |
| Mayne Island Recycling | Mayen Island | New paint depot |
| Silverton Building Supplies | Silverton | New paint depot |
| Steveston Bottle Depot | Richmond | New paint depot |
| Agassiz Bottle Depot | Agassiz | New paint plus depot |
| Cortest Island Recycling Centre | Cortes Island | New paint plus depot |
| Gabriola Island Recycling | Gabriola Island | New paint plus depot |
| Nelson Leafs Recycling | Nelson | New paint plus depot |
| Oulette Bros Building Supplies | Fort St James | New paint plus depot |
| Regional Recycling | Burnaby | New paint plus depot |
| Regional Recycling | Richmond | New paint plus depot |
| Regional recycling | Vancouver | New paint plus depot |
| Summerland Landfill | Summerland | New paint plus depot |
| Sun Coast Eco Depot | Port Alberni | New paint plus depot |

Table 3- Summary of Depots by Regional District in 2012

| Regional District | Number of Depots |
|--------------------------------|-------------------------|
| Alberni Clayoquot | 2 |
| Bulkley Nechako | 7 |
| Capital Regional District | 12 |
| Cariboo | 6 |
| Central Coast | 2 |
| Central Kootenay | 4 |
| Central Okanagan | 3 |
| Columbia Shuswap | 6 |
| ComoxStrathcona | 6 |
| Cowichan Valley | 7 |
| East Kootenay | 6 |
| Fraser Fort George | 4 |
| Fraser Valley | 11 |
| GVRD | 40 |
| Kitimat Stikine | 4 |
| Kootenay Boundary | 6 |
| Mt. Waddington | 3 |
| Nanaimo Regional District | 4 |
| North Okanagan | 5 |
| Northern Rockies | 1 |
| Okanagan Similkameen | 8 |
| Peace River | 4 |
| Powell River Regional District | 2 |
| Skeena-Queen Charlotte | 3 |
| Squamish Lilloet | 8 |
| Sunshine Coast | 4 |
| Thompson Nicola | 11 |
| TOTAL | 179 |

Table 4 – Collection Events in 2012

| Date | Name | Location |
|-------------|-------------------------------|-----------------|
| 15-Apr-12 | Lytton Collection Event | Lytton |
| 14-Apr-12 | Merritt Collection Event | Merritt |
| 28-Apr-12 | Sicamous Collection Event | Sicamous |
| 29-Apr-12 | Pritchard Collection Event | Pritchard |
| 12-May-12 | District of Mission | Mission |
| 05-May-12 | Mobile - Golden | Golden |
| 06-May-12 | Mobile - Ashcroft | Ashcroft |
| 07-May-12 | Mobile - Corporation of Delta | Delta |
| 13-May-12 | Mobile - Blue River | Blue River |
| 13-May-12 | Mobile - Clearwater | Clearwater |
| 26-May-12 | Mobile - Logan Lake | Logan Lake |
| 13-Oct-12 | City of Chilliwack | Chilliwack |
| 20-Oct-12 | Township of Langley | Langley |
| 02-Jun-12 | Mobile - City of Kamloops | Kamloops |
| 20-Oct-12 | Mobile - Nakusp | Nakusp |
| 28-Sep-12 | Enderby Collection Event | Enderby |
| 28-Sep-12 | Lumby Collection Event | Lumby |
| 28-Sep-12 | Vernon HHW Round Up | Vernon |
| 13-Oct-12 | Mobile - Castlegar | Catslegar |
| 20-Oct-12 | Mobile - Sicamous | Sicamous |
| 20-Oct-12 | Mobile - Creston | Creston |
| 13-Oct-12 | Mobile - Golden | Golden |

5. Product Environmental Impact Reduction, Reusability and Recyclability

The ability of a stewardship program of this scope to influence product design is limited. The paint industry is a consolidating industry and most brand owners manufacture for a market area that includes more than one province or country. The overall program objective is to reduce the environmental impact of leftover paint through the application of the pollution prevention hierarchy of reduce/reuse/recycle.

Many of the paint products covered by the program have changed over time as a result of design for environment activity. In particular:

- There has been a steady shift in the marketplace from oil based (alkyd) paints to water based latex paints. This trend is expected to continue as the consumer preference for latex paint increases and technical specifications improve.
- Federal regulations relating to volatile organic compounds and the composition of surface coatings are hastening the process of reducing the environmental impact of paint products.

Tools used by Product Care Association that may have an impact on product life cycle and reduction of environmental impact include:

- Variable fees paid to the program by brand owners which increase with the size of the container
- Promotion to the consumer of the “B.U.D.” rule, i.e. **B**uy what you need, **U**se what you buy and **D**ispose of the remainder responsibly
- Educating the consumer on the proper storage of leftover paint
- Research development into alternative management options for collected materials

6. Pollution Prevention Hierarchy and Product / Component Management

Product Care endeavours to manage collected products in accordance with the “pollution prevention hierarchy” as follows:

Paint

Leftover paint is the largest volume of the residual products managed by the program. Leftover paint is managed in a number of ways:

Reuse:

Reusable paint is given away at no charge through the Paint Exchange program to members of the public and to non-profit organizations to be used for its originally intended purpose. The Paint Exchange option is offered at most Product Care depots outside Metro Vancouver. Within Metro Vancouver, the paint exchange program is centralized at Product Care’s facility in Surrey with three other paint exchange locations in Vancouver, North Vancouver and Maple Ridge.

In 2012 there were 96 paint exchange depots (out of 179 depots). This accounts for 54% of all the depots offering paint exchange. Users of the program included individuals, community organizations,

theatres and anti-graffiti programs. Many participants obtain information about the Paint Exchange program through the RCBC Materials Exchange program. During 2012, 1.8% of the volume of paint collected by Product Care was reused through the paint exchange program.

Recycling:

Product Care utilizes a number of options for paint recycling including:

- Reprocessing leftover paint into paint and coatings products.
- Latex paint as raw material incorporated in the manufacture of recycled concrete, and in the manufacture of Portland cement.

During 2012, although 100% of the latex paint collected by the program was recycled by one of these methods, the recycling option for oil based paint continues to be unavailable as the demand for recycled oil based paint remains limited. The combined total of paint reused (1.8%) and paint recycled (66.4%) in 2012 was 68.2% of all paint collected (latex or oil-based).

Energy Recovery:

Due to the high solvent content of alkyd (oil based) paints; alkyd paints are suitable for energy recovery. Through the process of fuel blending, 100% of the oil based paint collected by Product Care during 2012 were used as an alternative energy source in applications such as permitted incinerators. Product Care continues to search for recycling options for oil based paint. This is generally more difficult due to hazardous waste and transportation regulations which limit the movement of this kind of material, also the chemistry of alkyd paints makes it more difficult to recycle into paint and coating products, and the market for the recycled alkyd products is significantly smaller than that for the water based products and continues to diminish. In addition, regulations such as the Federal VOC Regulations, required tighter limits on certain chemical constituents, which tend to be higher in older paints.

Flammables

As a result of the nature of flammable products, and the fact that many flammable products are sold as fuels, collected leftover flammables are managed for energy recovery as alternative fuels in permitted facilities which comply with all air quality regulations.

Pesticides

Due to the nature of pesticides, there is no reuse or recycling option available, and all pesticides are incinerated at high temperature government regulated and permitted incinerators.

Gasoline

Due to the nature of gasoline, which is intended to be used as a fuel, collected waste gasoline is managed as an alternative fuel for energy recovery at permitted facilities.

Containers

Metal Container Recycling:

A total of approximately 828,000 kg of metal containers from paint, flammable liquids, pesticide (triple rinsed) and gasoline were sent for metal recycling

Plastic Container Recycling:

All 5 gal size plastic paint pails (approx. 134,000 kg) and plastic gasoline containers (approx. 6,000 kg) continue to be recycled. Further, approximately 4,700 kg of plastic from solvents and pesticide processing were triple rinsed and sent for plastics recycling.

Plastic Containers Energy Recovery:

Due to the limited demand for recycled polypropylene, 100% of plastic (polypropylene #5) one US gallon size paint cans were sent for energy recovery (approx. 91,000 kg)

7. Product Sold and Collected and Recovery Rate

Table 5 below shows the calculation of the recovery rate, based on the sales of paint sold in BC and the residual recovery volume of paint collected in 2012. Member reporting for the gasoline category is based on a per gasoline station basis, therefore sales volumes (in litres) are not available and are excluded from the flammable liquids/gasoline category. With respect to residual recovery volumes, for flammable liquids, gasoline collected volume are included as gasoline and flammable liquids are processed together and are indistinguishable.

Table 5 – Approximate Sales, residual recovery volume and recovery rate of BC paint, paint aerosols, flammable liquids, and pesticides.

| 2012 | Paint (non aerosol) ² | Paint Aerosol ³ | Flammable Liquids/Gasoline ⁴ | Pesticides ⁵ |
|--|----------------------------------|----------------------------|---|-------------------------|
| Sales (litres)¹ | 28,465,954 | 1,070,018 | 2,569,270 | 98,851 |
| Residual Recovery Volume (litres) | 2,893,284 | 41,645 | 99,060 | 19,678 |
| Recovery Rate | 10.2% | 3.9% | 3.9% | 19.9% |

¹volumes reported as "Sales (litres)" are estimated by converting units reported to Product Care by its members and applying the typical container volume for each eco-fee category

²Paint residual recovery volume calculated using 124 litres per tubskid, based on the average volume generated per tubskid over the full year 2012 and adding the paint exchange volumes reported by collection sites which assumes that all containers collected are 75% full

³Paint aerosol residual recovery volume calculated using 36 litres per tubskid, based on the average volume generated per tubskid over the full year 2012

⁴Flammable Liquids/Gasoline residual recovery volume calculated using 156 litres per tubskid, based on the average volume generated per tubskid over the full year 2012

⁵Pesticide residual recovery volume calculated using 112 litres per tubskid, based on the average volume generated per tubskid over the full year 2012

Table 6 shows the tubskids (or tubskid equivalents) collected in BC, broken down by each Regional District.

Table 6 – Tubskids* (or tubskid equivalents) collected by regional districts.

| Paint/Paint Plus Depot | Paint | Aerosols | Solvents | Pesticides | Other Aerosols |
|--------------------------------|-------|----------|----------|------------|----------------|
| Alberni Clayoquot | 110 | 14 | 1 | 1 | 0 |
| Bulkley Nechako | 100 | 9 | 0 | 0 | 0 |
| Capital Regional District | 2407 | 82 | 84 | 33 | 21 |
| Cariboo | 122 | 13 | 1 | 1 | 0 |
| Central Coast | 5 | 1 | 0 | 0 | 0 |
| Central Kootenay | 250 | 15 | 5 | 3 | 4 |
| Central Okanagan | 843 | 36 | 22 | 5 | 8 |
| Columbia Shuswap | 232 | 10 | 6 | 2 | 2 |
| Comox Strathcona | 495 | 62 | 10 | 4 | 2 |
| Cowichan Valley | 584 | 41 | 32 | 10 | 6 |
| East Kootenay | 318 | 11 | 2 | 2 | 0 |
| Fraser Fort George | 205 | 11 | 9 | 5 | 0 |
| Fraser Valley | 1365 | 58 | 38 | 11 | 2 |
| GVRD | 11817 | 330 | 340 | 71 | 71 |
| Kitimat Stikine | 64 | 7 | 0 | 0 | 0 |
| Kootenay Boundary | 173 | 14 | 5 | 5 | 1 |
| Mt. Waddington | 45 | 8 | 0 | 0 | 0 |
| Nanaimo Regional District | 1118 | 49 | 34 | 13 | 8 |
| North Okanagan | 390 | 22 | 4 | 1 | 0 |
| Northern Rockies | 21 | 9 | 2 | 0 | 0 |
| Okanagan Similkameen | 429 | 18 | 5 | 2 | 0 |
| Peace River | 194 | 17 | 5 | 2 | 1 |
| Powell River Regional District | 69 | 4 | 3 | 1 | 0 |
| Skeena-Queen Charlotte | 39 | 5 | 4 | 0 | 0 |
| Squamish Lillooet | 209 | 9 | 0 | 0 | 0 |
| Sunshine Coast | 280 | 37 | 18 | 3 | 2 |
| Thompson Nicola | 519 | 24 | 5 | 1 | 1 |

*Tubskids are 4'x4'x3' plastic boxes used for the collection of paint, paint aerosols, flammable liquids and pesticides. Drums are converted into tubskids at a factor of 0.3 drums per tubskid. The total tubskids have been rounded to the nearest decimal place.

8. Summary of Revenues and Expenditures

The program is funded by membership fees, known as “eco fees”, remitted to Product Care by its members based on the volume of sales of the designated products.

BC Paint Fees

| | |
|--------------------------|--------|
| 100 ml to 250 ml | 20¢ |
| 251 ml to 1 litre | 25¢ |
| 1.01 litres to 5 litres | 60¢ |
| 5.01 litres to 23 litres | \$1.50 |
| | |
| Aerosol paint (any size) | 25¢ |

Flammable Liquids

| | |
|--------------------------|--------|
| 750 ml or less | 5¢ |
| 751 ml to 1 litre | 10¢ |
| 1.01 litres to 2 litre | 20¢ |
| 2.01 litres to 4 litres | 40¢ |
| 4.01 litres to 10 litres | \$1.00 |

Household Pesticides

| | |
|---------------------------------|--------|
| Less than 10 ml or g | 1¢ |
| 0.01 litres to .89 litres or kg | 60¢ |
| 0.9 litres to 1.79 litres or kg | \$1.20 |
| 1.8 litres to 10 litres or kg | \$2.40 |

Aerosol Flammable Liquids

| | |
|-----------------|-----|
| 1 to 75 ml | 1¢ |
| 76 to 200 ml | 5¢ |
| 201 ml and over | 10¢ |

BC Gasoline

| | |
|------------------------------|-------------------|
| Per gasoline station in B.C. | \$11.25 per month |
|------------------------------|-------------------|

9. Plan Performance

| Plan Target | 2012 | Strategies for Improvement |
|--|--|---|
| <p>1. Annual increase of three new paint depots and one new paint plus depots, for a total of four new depots a year.</p> <p>2012 Target: 118 paint depots and 58 paint plus depots for a total of 176 depots.</p> | <p>Actual: 112 paint depots and 67 paint plus depots for a total of 179 depots in 2012.</p> <p>Note that paint plus depots are also regular paint depots, so the distinction does not affect service level. In essence, a net total of 7 depots with paint service were added from 2011 to 2012, resulting in a surplus of 3 depots beyond the 176 paint depot target (by 2012).</p> | <p>Continue to add collection sites to the network, where gaps exists.</p> |
| <p>2. 4% annual increase of total collected volumes (container capacity volume) for the paint, flammable liquids categories and maintain pesticides collection volume to the 2011 baseline.</p> | <p>See Table 8 below for details. For paint, a 1.9% increase in container capacity volume was achieved.</p> <p>Both flammable liquids and pesticides surpassed the 4% target, with an increase of 4.1% for flammable liquids and 9% for pesticides.</p> | <p>The sales of paint in BC declined in 2012 versus 2011, which potentially reduced the amount of paint available to collect.</p> <p>The program will continue to focus on enhancing the collection network and to increase consumer awareness.</p> |
| <p>3. Increase volume of paint being managed through reuse to 3% of paint collected by 2016</p> | <p>1.8% of paint collected was reused in 2012. The 3% target is set for 2016, allowing us more time to reach this target.</p> | <p>Continue to promote reuse and paint exchange program</p> |
| <p>4. Maintain rate of 100% recycling of latex paint</p> | <p>Achieved in 2012.</p> | <p>N/A</p> |
| <p>5. Maintain rate of 100% recycling of metal and #2 plastic paint containers</p> | <p>Achieved in 2012.</p> | <p>N/A</p> |

| | | |
|---|--|-----|
| 6. Maintain rate of 95% of #5 plastic paint containers and flammable plastic containers managed for energy recovery | 100% of #5 plastic paint and flammable containers were managed for energy recovery in 2012 | N/A |
| 7. Maintain rate of 100% of plastic and metal gasoline containers being recycled | Achieved in 2012. | N/A |
| 8. Identify options/technology for recycling pesticide containers | Achieved in 2012. 100% of plastic pesticide containers are triple rinsed and recycled. | N/A |

As described in the 2012-2016 BC Paint and HHW Program Plan, although the year to year residual recovery volume historically has been reported upon (Table 7), the performance indicator that Product Care prefers to report with moving forward is the container capacity volume (Table 8). The container capacity volume, also known as “equivalent litre container” (ELC), is a measure of the capacity of the original containers that are returned through the program. These figures are extrapolated from the number of tubskids of program products managed by the program. The preference for using container capacity volume is based on the fact that Product Care has no control on the amount of paint leftover *inside* a paint can (what residual recovery volume measures), but we can have some control on the number of paint cans returned (what container capacity volume measures).

Table 7 – % change 2012 over 2011 of the approximate total collected volumes (residual recovery volume) for paint, flammable liquids, and pesticides.

| Residual recovery volume | Paint (non aerosol) ¹ | Paint Aerosol ² | Flammable Liquids/Gasoline ³ | Pesticides ⁴ |
|------------------------------|----------------------------------|----------------------------|---|-------------------------|
| 2011 | 2,807,027 | 35,216 | 93,980 | 19,022 |
| 2012 | 2,893,284 | 41,645 | 99,060 | 19,678 |
| 2012 increase vs 2011 | 3.1% | 18.3% | 5.4% | 3.5% |

¹Paint residual recovery volume calculated using 124 litres per tubskid, based on the average volume generated per tubskid over the full year 2012 and adding the paint exchange volumes reported by collection sites which assumes that all containers collected are 75% full

²Paint aerosol residual recovery volume calculated using 36 litres per tubskid, based on the average volume generated per tubskid over the full year 2012

³Flammable Liquids/Gasoline residual recovery volume calculated using 156 litres per tubskid, based on the average volume generated per tubskid over the full year 2012

⁴Pesticide residual recovery volume calculated using 112 litres per tubskid, based on the average volume generated per tubskid over the full year 2012

Table 8 – % change 2012 over 2011 of the approximate total collected volumes (container capacity volume*) for paint, flammable liquids, and pesticides.

| Container capacity volume | Paint (non aerosol) | Paint Aerosol | Flammable Liquids/Gasoline | Pesticides |
|------------------------------|---------------------|---------------|----------------------------|------------|
| 2011 | 9,618,048 | 192,588 | 289,930 | 69,638 |
| 2012 | 9,801,648 | 202,440 | 301,760 | 75,902 |
| 2012 increase vs 2011 | 1.9% | 5.1% | 4.1% | 9.0% |

*Container capacity volume is calculated by converting the total number of tubskids collected into equivalent litre containers, which is 432 litres per tubskid, and each drum collected is considered 0.3 of a tubskid

Appendices / Additional Information and Third Party Assurance

Appendix A: BC Paint and HHW Depot List Sorted by Regional District, as of Dec. 31, 2012

| Depot Name | Regional District | City | Address | Postal Code | Paint Exchange | Paint Plus |
|------------------------------------|---------------------------|-------------------|---|-------------|----------------|------------|
| Sun Coast Eco Depot | Alberni Clayoquot | Port Alberni | 3620 3rd Avenue | V9Y 4E8 | no | yes |
| The Bottle Depot | Alberni Clayoquot | Port Alberni | 3533 4th Avenue | V9Y 4H3 | yes | yes |
| Area 'D' Transfer Station | Bulkley Nechako | Fraser Lake | 3366 Fraser Lake Airport Road | VOJ 1E0 | yes | no |
| Burns Lake Transfer Station | Bulkley Nechako | Burns Lake | 4410 Babine Lake Road | VOJ 1E0 | yes | no |
| Fort St. James Transfer Station | Bulkley Nechako | Fort St. James | 5121 Necoslie Road | VOJ 1P0 | yes | no |
| Knockholt Sub-Regional Landfill | Bulkley Nechako | Houston | 8072 Aitken Road 8 km. East of Houston | VOJ 1E0 | yes | no |
| Nechako Valley School Bottle Depot | Bulkley Nechako | Vanderhoof | 3rd & Nechako | VOJ 3A0 | yes | no |
| Ouellette Bros. Building Supplies | Bulkley Nechako | Fort St. James | 2880 Highway 27 North | VOJ 1P0 | no | yes |
| Smithers/Telkwa Transfer Station | Bulkley Nechako | Smithers | 6150 Donaldson Rd South (off Hwy. 16) Box 399 | VOJ 2N0 | yes | yes |
| Alpine Disposal & Recycling | Capital Regional District | Victoria | 1045 Dunford Avenue | V9B 2S4 | no | yes |
| Ellice Recycle Ltd. | Capital Regional District | Victoria | 516 David Street | V8T 2C8 | no | yes |
| Gabriola Island Recycling Depot | Capital Regional District | Gabriola Island | 700 Tin Can Alley | V0R 1X3 | yes | yes |
| Hartland Recycling Depot | Capital Regional District | Saanich | #1 Hartland Avenue | V9E 1J9 | yes | yes |
| Mayne Island Recycling Society | Capital Regional District | Mayne Island | 390 Campbell Bay Rd | V0N2J0 | no | no |
| Oak Bay Recycling Depot | Capital Regional District | Oak Bay | 1771 Elgin Road | V8R 5L7 | no | no |
| Pender Island Recycling Society | Capital Regional District | Pender Island | 4400 Otter Bay Road | V0N 2M1 | yes | no |
| RONA - Baywest Hardware Ltd. | Capital Regional District | Victoria | 220 Bay Street | V9A 3K5 | no | no |
| RONA Home & Garden (Langford) | Capital Regional District | Victoria | 850 Langford Parkway | V9B 2P3 | no | no |
| Saltspring Island Recycling | Capital Regional District | Saltspring Island | 349 Rainbow Road | V8K 2K6 | no | yes |
| Sidney Bottle Depot | Capital Regional District | Sidney | #5-10025 Galaran Road | V8L 3S1 | yes | no |
| Sooke & District Garbage Depot | Capital Regional District | Sooke | 6228 Sooke Road | V9Z 0G7 | no | no |
| Central Cariboo Disposal Services | Cariboo | Williams Lake | 100-5101 Frizzi Road | V2G 5E4 | yes | yes |
| Gold Trail Recycling | Cariboo | 100 Mile House | 720 Sollows Crescent | V0K 2E0 | yes | no |
| Quesnel Landfill Site | Cariboo | Quesnel | #5 Carson Pit Road, Municipal Landfill | V2J 4B9 | no | no |
| RONA - Interlakes Building | Cariboo | Lone Butte | 7251 Levick Road C-1 The Corner RR #1 | V0K 1X0 | no | no |
| RONA Home Centre (Quesnel) | Cariboo | Quesnel | 450 Johnston Ave | V2J 3M5 | no | no |
| RONA Home Centre (Williams Lake) | Cariboo | Williams Lake | 298 Proctor Street | V2G 1S1 | no | no |
| Bella Coola Recycling Depot | Central Coast | Bella Coola | 1310 Walker Park Road | V0T 1C0 | yes | no |
| Columbia Bottle Recycling | Central Kootenay | Creston | 1-1420 Northwest Blvd. | V0B 1G6 | yes | no |
| Kaslo Building Supplies | Central Kootenay | Kaslo | 6521 Highway 31 | V0G 1M0 | no | yes |
| Nelson Leafs Recycling | Central Kootenay | Nelson | 120 Silica Street | V1L 5X4 | yes | yes |
| Silverton Building Supplies | Central Kootenay | Silverton | 216 Lake Avenue | V0G 2B0 | no | no |
| Battery Doctors | Central Okanagan | Kelowna | 1972 Windsor Road | V1Y 4R5 | yes | yes |

| Depot Name | Regional District | City | Address | Postal Code | Paint Exchange | Paint Plus |
|---------------------------------------|--------------------|----------------|-------------------------------------|-------------|----------------|------------|
| Boucherie Self Storage & Bottle Depot | Central Okanagan | Westbank | 2711 Kyle Road | V1Z 2M9 | yes | yes |
| RONA Home & Garden (Kelowna) | Central Okanagan | Kelowna | 1711 Springfield Road | V1Y 5V5 | no | no |
| B&D Bottlers Ltd | Columbia Shuswap | Revelstoke | 97 Cartier Street | V0E 2S0 | yes | no |
| Bill's Bottle Depot | Columbia Shuswap | Salmon Arm | 2840 13th Avenue S.W. | V1E 4N9 | yes | yes |
| RONA - Glacier Building Supplies | Columbia Shuswap | Revelstoke | 96 Cartier Street | V0E 2S0 | no | no |
| RONA - Shuswap Building Supplies | Columbia Shuswap | Scotch Creek | 3838 Squilax/Anglemont Road | V0E 3L0 | no | no |
| RONA Home Centre (Salmon Arm) | Columbia Shuswap | Salmon Arm | 2430 Highway #1 West, Box 99 | V1E 4N2 | no | no |
| Scotch Creek Bottle Depot | Columbia Shuswap | Scotch Creek | 3855 Squilax-Anglemont Hwy | V0E 3Z0 | yes | yes |
| Campbell River Bottle Depot | Comox Strathcona | Campbell River | 1580F Willow Street | V9W 3M7 | yes | yes |
| Comox Return Centre | Comox Strathcona | Comox | 678 Anderton Road | V9M 2J3 | yes | no |
| Cortes Island Recycling | Comox Strathcona | Cortes Island | 1300 Squirrel Cove Road | | yes | yes |
| Courtenay Return-It Depot | Comox Strathcona | Courtenay | 493 Puntledge Road | V9N 3P9 | yes | yes |
| RONA Building (Campbell River) | Comox Strathcona | Campbell River | 2780 South Island Hwy | V9W 1C7 | no | no |
| Village of Gold River | Comox Strathcona | Gold River | Public Works Yard, Hilke Road | V0P 1G0 | yes | yes |
| Bings Creek Solid Waste | Cowichan Valley | Duncan | 3900 Drinkwater Road | V9L 6K9 | yes | yes |
| Cowichan Valley Bottle Depot | Cowichan Valley | Duncan | 6476 Norcross Road | V9L 5T3 | yes | yes |
| Junction Bottle Depot Ltd. | Cowichan Valley | Ladysmith | 149 Oyster Bay Drive | V9G 1A3 | yes | no |
| Meade Creek Recycling Drop-Off Depot | Cowichan Valley | Lake Cowichan | 8855 Youbou Road (& Teleglobe Road) | V0R 2G0 | yes | yes |
| Peerless Road Recycling | Cowichan Valley | Ladysmith | Trans Canada Hwy at Thicke Road | V9G 1A4 | yes | yes |
| RONA Building Centre (Cobble Hill) | Cowichan Valley | Cobble Hill | 3730 Trans Canada Hwy | V0R 1L0 | no | no |
| RONA Building Centre (Duncan) | Cowichan Valley | Duncan | 2945 Green Road | V9L 6C7 | no | no |
| Cranbrook Bottle Depot | East Kootenay | Cranbrook | #3 - 1125 Industrial Road | V1C 5E3 | yes | yes |
| Fernie Bottle Depot | East Kootenay | Fernie | 1291 Ridgemont Avenue | V0B 1M0 | yes | no |
| Invermere Fire Department | East Kootenay | Invermere | 626-4th Street | V0A 1K0 | yes | no |
| New & Nearly New | East Kootenay | Kimberley | 1685 Warren Avenue | V1A 1R5 | yes | no |
| RONA - Cranbrook Building Centre | East Kootenay | Cranbrook | 1500 Theatre Road | V1C 7G1 | no | no |
| RONA - Northstar Hardware | East Kootenay | Invermere | 410 Borden Street | V0A 1K0 | no | no |
| Irly Building Center - Mackenzie | Fraser Fort George | Mackenzie | #200 Mackenzie Road | V0J 2C0 | no | no |
| Nechako Bottle Depot | Fraser Fort George | Prince George | 1922 1st Avenue | V2L 2Y9 | no | yes |
| Rex's Recycling Centre | Fraser Fort George | Valemount | 1020 Commercial Drive | V0E 2Z0 | yes | no |
| RONA - Capital Building Supplies | Fraser Fort George | Prince George | 41150 Cowart Road | V2N 6H9 | no | no |
| Abbotsford Bottle Depot | Fraser Valley | Abbotsford | 33236 Walsh Avenue | V2S 2A3 | no | yes |
| Abbotsford Community Services | Fraser Valley | Abbotsford | 33670 Valley Road | V2S 3S9 | yes | yes |
| Aldergrove Return-It | Fraser Valley | Aldergrove | 27482 Fraser Hwy | V4W 3N5 | yes | no |
| Chilliwack Bottle Depot | Fraser Valley | Chilliwack | #2, 45934 Tretheway Avenue | V2P 1K5 | no | yes |
| Mission Recycling Depot | Fraser Valley | Mission | 7229 Mershon Avenue | V2V 4M5 | yes | yes |
| RONA Home & Garden (Abbotsford) | Fraser Valley | Abbotsford | 34530 McConnell Road | V2S 8H2 | no | no |
| RONA Home Centre (Chilliwack) | Fraser Valley | Chilliwack | 45656 Yale Road West | V2P 2N3 | no | no |
| RONA Home Centre (Clearbrook) | Fraser Valley | Abbotsford | 32073 South Fraser Way | V2T 1W3 | no | no |
| RONA Home Centre (Hope) | Fraser Valley | Hope | 840 - 5th Ave Box 818 | V0X 1L0 | no | no |
| RONA Home Centre (Mission) | Fraser Valley | Mission | 32290 Lougheed Hwy | V2V 1A4 | no | no |
| Sardis Bottle Depot | Fraser Valley | Chilliwack | 45635B Lark Road | V2R 3N5 | yes | no |
| Agassiz Bottle Depot | GVRD | Agassiz | 7659 Industrial Way | V0M 1A2 | yes | yes |
| Biggar Bottle Depot | GVRD | Port Coquitlam | 2577 Kingsway Avenue | V3C 1T5 | no | yes |
| Burnaby Recycling Depot | GVRD | Burnaby | 4800 Still Creek Avenue | V5G 1N3 | no | yes |
| East Van Bottle Depot | GVRD | Vancouver | 2605 Kaslo Street | V5M 3G9 | no | yes |
| Fleetwood Bottle Return Depot Ltd. | GVRD | Surrey | 15093 Fraser Highway | V3R 3P2 | no | no |

| Depot Name | Regional District | City | Address | Postal Code | Paint Exchange | Paint Plus |
|------------------------------------|-------------------|--------------------|---|-------------|----------------|------------|
| Go Green Depot & Recycling | GVRD | Vancouver | #7 East 7th Avenue (#7 - 2286 Ontario Street) | V5X 2G9 | no | no |
| Joe's Bottle Depot | GVRD | Vancouver | 4394 Main Street (at Rear) | V5V 3P9 | no | no |
| Kitchener Bottle Depot Ltd. | GVRD | Burnaby | 3931 Graveley Street | V5C 3T4 | no | no |
| Ladner Bottle Depot | GVRD | Delta | 4930 Elliott Street | V4K 2Y1 | no | no |
| Langley Bottle Depot | GVRD | Langley | 20137 Industrial Avenue | V3A 4K6 | no | no |
| Lee's Bottle Depot | GVRD | Burnaby | 7415 Buller Avenue | V5J 4S6 | no | no |
| Lougheed Return-It Depot | GVRD | Coquitlam | 1045A Lougheed Highway | V3K 6N5 | yes | no |
| New Westminster Recycling | GVRD | New Westminster | 65 E 6th Avenue (far left corner of Canada Games) | V3L 1H9 | no | no |
| North Shore Bottle Depot | GVRD | North Vancouver | 235 Donaghy Avenue | V7P 2L6 | yes | no |
| North Van. Transfer Station | GVRD | North Vancouver | 30 Riverside Dr. | V7H 1T4 | no | yes |
| Regional Recycling - Burnaby | GVRD | Burnaby | 2961 Norland Avenue | V5B 3A9 | yes | yes |
| Regional Recycling - Richmond | GVRD | Richmond | 13300 Vulcan Way | V6V 1K2 | yes | yes |
| Regional Recycling - Vancouver | GVRD | Vancouver | 960 Evans Avenue | V6A 2L2 | yes | yes |
| Richmond Recycling Depot | GVRD | Richmond | 5555 Lynas Lane | V7C 5B2 | no | yes |
| Ridge Meadows Recycling Society | GVRD | Maple Ridge | 10092 - 236 Street | V2X 7G2 | yes | yes |
| RONA - BH Allen Building Centre | GVRD | North Vancouver | 915 West First Street | V7P 1A4 | no | no |
| RONA - GA Hardware Ltd. | GVRD | Port Coquitlam | 3217 Coast Meridian Road | V3B 3N3 | no | no |
| RONA - Mack Foster (Richmond) | GVRD | Richmond | 7111 Elmbridge Way | V6X 3J7 | no | no |
| RONA Home & Garden (Grandview) | GVRD | Vancouver | 2727 East 12th Ave | V5M 4W3 | no | no |
| RONA Home Centre (Austin) | GVRD | Coquitlam | 425 Lebleu | V3K 6X4 | no | no |
| RONA Home Centre (Burnaby) | GVRD | Burnaby | 7260 Edmonds Street | V3N 1A6 | no | no |
| RONA Home Centre (Coquitlam) | GVRD | Coquitlam | 2798 Barnet Highway | V3B 1B9 | no | no |
| RONA Home Centre (Fleetwood) | GVRD | Surrey | 16659 Fraser Hwy | V3S 2X6 | no | no |
| RONA Home Centre (King George) | GVRD | Surrey | 6965 King George Hwy | V3W 5A1 | no | no |
| RONA Home Centre (Kingsway) | GVRD | Vancouver | 1503 Kingsway | V5N 2R8 | no | no |
| RONA Home Centre (Maple Ridge) | GVRD | Maple Ridge | 21213 Lougheed Highway | V2X 2R4 | no | no |
| RONA Home Centre (North Vancouver) | GVRD | North Vancouver | 1160 East 3rd (Park & Tilford) | V7J 1B8 | no | no |
| RONA Home Centre (South Surrey) | GVRD | Surrey | 3165 King George Hwy | V4P 1B8 | no | no |
| Scott Road Bottle Depot | GVRD | Surrey | Unit 2 - 12111 86th Avenue | V3W 3H8 | no | no |
| Semiahmoo Bottle Depot | GVRD | Surrey | Unit 28 & 29 - 15515 24th Avenue | V4A 2J4 | no | no |
| South Van Bottle Depot | GVRD | Vancouver | 34 East 69th Avenue | V5X 4K6 | yes | yes |
| Steveston Return-It Depot | GVRD | Richmond | 2 - 12320 Trites Road | V7E 3R7 | yes | no |
| Tsawassen Bottle Depot | GVRD | Delta (Tsawwassen) | 5636 12th Avenue (Tsawwassen) | V4L 1C4 | yes | no |
| Walnut Grove Bottle Depot | GVRD | Langley | #224, 9640-201 Street | V1M 3E8 | no | yes |
| Willowbrook Recycling Depot | GVRD | Langley | 19645-60th Avenue | V3A 1A8 | no | no |
| Kitimat Recycling Depot | Kitimat Stikine | Kitimat | 314 Railway Avenue | V8C 2G2 | yes | no |
| Lakelse Holdings Ltd. | Kitimat Stikine | Terrace | 3098 Kofeod Drive | V8G 3P9 | yes | yes |
| New Hazelton Bottle Depot | Kitimat Stikine | New Hazelton | 3421 Bowser Street, PO Box 787 | V0J 2J0 | yes | no |
| RONA - Terrace Builders | Kitimat Stikine | Terrace | 3207 Munroe Street | V8G 3B3 | no | no |
| Tidewater Equipment | Kitimat Stikine | Stewart | 401 Brightwell Street | V0T 1W0 | yes | no |
| Beaverdell Landfill | Kootenay Boundary | Beaverdell | 5300 Hwy. 33 | V0H 1H0 | yes | yes |
| Grand Forks Regional Landfill | Kootenay Boundary | Grand Forks | 8798 Granby Road | V0H 1H0 | yes | yes |
| McKelvey Creek Landfill | Kootenay Boundary | Trail | 1900 Highway 3B | V1R 4S8 | yes | yes |
| Norbert Salvage | Kootenay Boundary | Bridesville | 5667 Townsite Road | V0H 1B0 | yes | no |
| Trail Bottle Depot | Kootenay Boundary | Trail | 562 Rosslan Avenue | V1R 3M8 | yes | no |
| West Boundary Regional Landfill | Kootenay Boundary | Greenwood | 2050 Motherlode Road | V0H 1H0 | yes | yes |
| RONA - RA Rosback (Alert Bay) | Mt. Waddington | Alert Bay | 99 Fir Street | V0N 1A0 | no | no |
| RONA - RA Rosback (Port McNeill) | Mt. Waddington | Port McNeill | 1700 Broughton Blvd | V0N 2R0 | no | no |

| Depot Name | Regional District | City | Address | Postal Code | Paint Exchange | Paint Plus |
|-------------------------------------|--------------------------------|----------------|--|-------------|----------------|------------|
| Seven Mile Recycling Centre | Mt. Waddington | Port McNeill | Highway 19 | V0N 2R0 | yes | yes |
| Nanaimo Recycling Exchange Society | Nanaimo Regional District | Nanaimo | 2477 Kenworth Road | V9T 5K4 | yes | yes |
| Parksville Bottle & Recycling Depot | Nanaimo Regional District | Parksville | 611A Alberni Highway | V9P 1J9 | yes | yes |
| Qualicum Bottle Depot | Nanaimo Regional District | Qualicum Beach | Unit #4, 141 - East 4th Avenue | V9P 1S3 | yes | no |
| RONA Building Centre (Nanaimo) | Nanaimo Regional District | Nanaimo | 1250 Island Hwy South | V9R 6N6 | no | no |
| Armstrong Collision | North Okanagan | Armstrong | 3750 Pleasant Valley Road | V0E 1B0 | yes | no |
| Chasers Bottle Depot | North Okanagan | Vernon | 4702 - 31 Street | V1T 5J9 | yes | yes |
| Interior Freight & Bottle Ltd. | North Okanagan | Vernon | 4205 24th Avenue | V1T 1M1 | yes | no |
| KBM Autoworks | North Okanagan | Lumby | 1862 Vernon Street | V0E 2G6 | yes | no |
| RONA Home Centre (Vernon) | North Okanagan | Vernon | 2201 - 58th Ave | V1T 9T5 | no | no |
| Wide Sky Disposal | Northern Rockies | Fort Nelson | 4903 49th Avenue | V0C 1R0 | yes | yes |
| Campbell Mountain Landfill | Okanagan Similkameen | Penticton | Penticton Landfill - Reservoir Road (5km NE) | | yes | yes |
| J&C Bottle Depot | Okanagan Similkameen | Penticton | 200 Rosetown Avenue | V2A 3J4 | yes | yes |
| Oliver Sanitary Landfill | Okanagan Similkameen | Oliver | off Black Sage Road, approx 7km south | V2A 5J9 | yes | no |
| Osoyoos Bottle Depot | Okanagan Similkameen | Osoyoos | 8305-72nd Avenue | V0H 1V0 | yes | no |
| RONA Home Centre (Penticton) | Okanagan Similkameen | Penticton | 348 Duncan Ave West | V2A 7N1 | no | no |
| Summerland Bottle Depot | Okanagan Similkameen | Summerland | 9615A Victoria Road South | V0H 1Z2 | yes | no |
| Summerland Landfill | Okanagan Similkameen | Summerland | 17202 Bathville Road | V0H 1Z0 | yes | yes |
| Town of Princeton | Okanagan Similkameen | Princeton | 171 Princeton Summerland Road (Princeton Landfill) | V0X 1W0 | yes | no |
| Chetwynd Lions Recycling | Peace River | Chetwynd | 4824 -54th Street | V0C 1J0 | yes | no |
| D.C. Recycling & Bottle Depot | Peace River | Dawson Creek | 925-100 Avenue | V1G 1W2 | yes | yes |
| FSJ Bottle Drop | Peace River | Fort St. John | 10104 - 93rd Avenue | V1J 1E2 | yes | yes |
| RONA Bulding Centre (Fort St. John) | Peace River | Fort St. John | 11611 Alaska Hwy | V1J 4M7 | no | no |
| Augusta Recyclers Ltd. | Powell River Regional District | Powell River | 7346 Highway 101 | V8A 1W1 | yes | yes |
| RONA - Powell River Building Supply | Powell River Regional District | Powell River | 4750 Joyce Ave | V8A 3B6 | no | no |
| Islands Regional Landfill Depot | Skeena-Queen Charlotte | Port Clements | 71454, Highway 16 | V0T 1R0 | yes | no |
| Regional Recycling - Prince Rupert | Skeena-Queen Charlotte | Prince Rupert | 251 Kaien Road | V8J 1A6 | yes | yes |
| RONA - Tyee Building Supplies | Skeena-Queen Charlotte | Prince Rupert | 405 East 3rd Ave | V8J 1K7 | no | no |
| Carney's Waste Systems - Pemberton | Squamish Lillooet | Pemberton | 1947 Carpenter Road (Pemberton Industrial Park) | V8B 0K8 | yes | yes |
| Carney's Waste Systems - Squamish | Squamish Lillooet | Squamish | 38950 Queens Way | V8B 0K8 | yes | yes |
| Carney's Waste Systems - Whistler | Squamish Lillooet | Whistler | 100 Brandywine Forestry Rd, off Callaghan Valley d | V0N 1B1 | yes | no |
| Lillooet Glass & Tire | Squamish Lillooet | Lillooet | 561 Main Street | V0K 1V0 | yes | no |
| RONA Home Centre (Squamish) | Squamish Lillooet | Squamish | 39009 Discovery Way | V0N 3G0 | no | no |
| RONA Home Centre (Whistler) | Squamish Lillooet | Whistler | 1350 Alpha Lake Road | V0N 1B1 | no | no |
| RONA Pemberton Valley Hardware | Squamish Lillooet | Pemberton | 7426 Prospect Street PO Box 519 | V0N 2L0 | no | no |

| Depot Name | Regional District | City | Address | Postal Code | Paint Exchange | Paint Plus |
|---------------------------------|-------------------|----------------|---------------------------------|-------------|----------------|------------|
| SLRD Lillooet Landfill | Squamish Lillooet | Lillooet | 405 Landfill Road | V0K 1V0 | yes | yes |
| Gibsons Recycling Depot | Sunshine Coast | Gibsons | 1018 Venture Way | V0N 1V0 | yes | yes |
| GRIPS Recycling | Sunshine Coast | Pender Harbour | Hwy 101, at Menacher Road | V0N 2H0 | yes | no |
| RONA Home Centre (Madeira Park) | Sunshine Coast | Madeira Park | 12390 Sunshine Coast Hwy | V0N 2H0 | no | no |
| Sechelt Landfill | Sunshine Coast | Sechelt | Dusty Road | V0N 3A0 | yes | yes |
| Barnhartvale Landfill | Thompson Nicola | Kamloops | 970 Eliza Road | V2C 6V6 | no | no |
| Lorne Street Bottle Depot | Thompson Nicola | Kamloops | 270 Halston Road | V2H 1N6 | yes | yes |
| Merritt Home Hardware | Thompson Nicola | Merritt | 1701 Voght Street | V1K 1B8 | no | yes |
| Merritt Machine Works Ltd. | Thompson Nicola | Merritt | 1120 McFarlane Way | V1K 1B9 | yes | no |
| Mission Flats Landfill | Thompson Nicola | Kamloops | 3095 Mission Flats Road | V2C 1A2 | yes | yes |
| Quality Glass Ltd. | Thompson Nicola | Ashcroft | 107 Brink Street | V0K 1A0 | yes | no |
| RONA - North Valley Supply Ltd. | Thompson Nicola | Clearwater | 213 North West Old Thompson Hwy | V0E 1N0 | no | no |
| RONA Home Centre (Kamloops) | Thompson Nicola | Kamloops | 416 Mt. Paul Way | V2H 1A8 | no | no |
| RONA Home Centre (Versatile) | Thompson Nicola | Kamloops | 1555 Versatile Drive | V1S 1W7 | no | no |
| Starlite Auto Wrecking & Repair | Thompson Nicola | Sorrento | 1408 London Lane Road | V0E 2W0 | yes | no |
| Super Save Bottle Depot | Thompson Nicola | Clearwater | #10 Old North Thompson Hwy | V0E 1N0 | yes | no |

Appendix B: 2012 BC Paint and HHW Audited Financial Statements

**PRODUCT CARE ASSOCIATION -
BC PAINT AND HOUSEHOLD HAZARDOUS
WASTE PROGRAM**

STATEMENT OF REVENUES AND EXPENSES

31 DECEMBER 2012

**PRODUCT CARE ASSOCIATION -
BC PAINT AND HOUSEHOLD HAZARDOUS WASTE PROGRAM
Statement of Revenues and Expenses
For the year ended 31 December 2012**

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ROLFE, BENSON LLP

CHARTERED ACCOUNTANTS

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INDEPENDENT AUDITORS' REPORT

To: BC Ministry of Environment,

As required the British Columbia Environmental Management Act, Recycling Regulation 8(2)(f)(ii), we have audited the statement of revenues and expenses of the BC Paint and Household Hazardous Waste Program (the "Statement") as reported by Product Care Association for the year ended 31 December 2012 and a summary of significant accounting policies and other explanatory information.

Management's Responsibility for the Statement

Management is responsible for the preparation 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.

Auditors' Responsibility

Our responsibility is to express an opinion on the Statement based on our audit. We conducted our audit in accordance with Canadian generally accepted auditing standards. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the Statement is free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the Statement. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the Statement, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation of the Statement 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 entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the Statement.

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





INDEPENDENT AUDITORS' REPORT - continued

Opinion

In our opinion, the Statement presents fairly, in all material respects, the revenues and expenses of the BC Paint and Household Hazardous Waste Program as reported by Product Care Association for the year ended 31 December 2012 in accordance with Canadian accounting standards for not-for-profit organizations.

Restriction on Distribution

This report is prepared on the direction of Product Care Association's management and the requirements of British Columbia Environmental Management Act, Recycling Regulation 8(2)(f)(ii). As a result, the report may not be suitable for another purpose. Our report is intended solely for Product Care Association's management and the BC Ministry of Environment and should not be distributed to other parties.

Rolfe, Benson LLP
CHARTERED ACCOUNTANTS

Vancouver, Canada
21 May 2013



**PRODUCT CARE ASSOCIATION -
BC PAINT AND HOUSEHOLD HAZARDOUS WASTE PROGRAM**
Statement of Revenues and Expenses
For the year ended 31 December 2012

| | 2012 |
|---|--------------|
| Revenues | |
| Liquid paint | \$ 3,658,112 |
| Aerosol paint | 899,804 |
| Solvents | 357,495 |
| Pesticides | 152,565 |
| Petroleum | 122,317 |
| Other | 69,540 |
| | 5,259,833 |
| Program expenses | |
| Collection | |
| Collection - depot payments | 1,335,932 |
| Transportation - inbound | 791,369 |
| | 2,127,301 |
| Processing facility (Note 3) | |
| Wages and benefits | 761,686 |
| Fixed rent, utilities and other | 391,719 |
| Variable costs | 284,365 |
| | 1,437,770 |
| Third party disposal | |
| Third party disposal | 1,214,839 |
| Transportation - outbound | 118,709 |
| | 1,333,548 |
| Other expenses | |
| Depreciation | 110,728 |
| Communications | 173,270 |
| | 283,998 |
| Total program expenses | 5,182,617 |
| General and administrative expenses (Note 2(d)) | 316,516 |
| Excess (deficiency) of revenues over expenses for the year | \$ (239,300) |

The accompanying notes are an integral part of this statement.

**PRODUCT CARE ASSOCIATION -
BC PAINT AND HOUSEHOLD HAZARDOUS WASTE PROGRAM**
Notes to the Statement of Revenues and Expenses
For the year ended 31 December 2012

1. Basis of Presentation

This Statement includes the revenues and expenses of the BC Paint and Household Hazardous Waste Program, a segment of the operations of Product Care Association (the "Association").

2. Summary of Significant Accounting Policies

This statement of revenues and expenses is prepared in accordance with Canadian accounting standards for not-for-profit organizations. The significant policies are detailed as follows:

(a) Revenue Recognition

Revenue from eco-fees is recognized at the time an eco-fee applicable product is sold by a member of the Association, and the eco-fee becomes due and payable.

(b) Capital Assets

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 capital assets over their estimated useful lives. The annual amortization rates are as follows:

| | |
|------------------------|------------------|
| Storage Depots | 5 years |
| Office Equipment | 2 years |
| Depot Equipment | 2, 3 and 5 years |
| Leasehold Improvements | 5 years |

(c) 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 and liabilities and disclosure of contingent assets and liabilities at the balance sheet date and the reported amounts of revenues and expenses during the year. Actual results could differ from those estimates.

(d) General and Administrative Expenses

A portion of the total general and administrative expenses of Product Care 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 Product Care Association programs.

3. Processing Commitment

At year end, the Association had unprocessed program materials on hand with an estimated cost to process, transport and recycle of \$99,304 which will be incurred in 2013.