



MB Household Hazardous Waste (HHW) 2013 Program Year Annual Report for:

- Paint
- Flammable liquid/Gasoline
- Corrosive
- Toxic
- Physically hazardous materials
- Pesticides
- Fluorescent lights

REPORTING PERIOD: JANUARY 1 - DECEMBER 31, 2013

Submitted to:

Laurie Streich, Director, Environmental Programs and Strategies
Manitoba Conservation and Water Stewardship
200 Saulteaux Crescent, Winnipeg, MB R3J 3W3

Prepared by:

Mannie Cheung, Vice President Operations
Product Care Association
105 W. 3rd Ave.
Vancouver, BC, V5Y 1E6
Tel: 604-592-2972
Email: mannie@productcare.org

Table of Contents

1. Program Outline	3
2. Educational Materials and Strategies	4
3. Collection System	5
4. Management of Collected Materials	6
4.1. Management in Accordance with the Pollution Prevention Hierarchy	7
4.1.1. Paint	7
4.1.2. Flammable Liquids/Gasoline.....	7
4.1.3. Corrosives	7
4.1.4. Toxics	8
4.1.5. Physically Hazardous (fuel cylinders).....	8
4.1.6. Pesticides.....	8
4.1.7. Fluorescent Lights	8
4.2. Volume Collected.....	8
4.2.1. Residual Recovery Volume	8
4.2.2. Non-Program Products	9
4.2.3. Container Capacity Recovery Volume.....	11
4.3. Product Sales	11
4.4. Recovery Rate and Capture Rate	13
5. Product Life Cycle Management and Environmental Impacts	14
6. Fee Information.....	16
Appendix A – 2012 Collection Sites	17
Appendix B – Earned Media	20
Appendix C – Bought Media	21
Appendix D – Point of Sale and Outreach Materials	22
Appendix E – Product Care Manitoba Website	24
Appendix F – Partnership Events	25

1. Program Outline

The Manitoba Household Hazardous Waste (HHW) program is operated and managed by Product Care Association (PCA). Product Care Association 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.

Product Care Association also operates product stewardship programs in seven other Canadian provinces: BC, SK, QC, NS, NB, NL, and PEI.

The members of the MB HHW program are the “stewards” (manufacturers, distributors and retailers) obligated by the Manitoba Household Hazardous Material and Prescribed Material Stewardship Regulation (R16/10) under the following categories:

- Paint
- Flammable liquid/Gasoline
- Corrosive
- Toxic
- Physically hazardous materials
- Pesticides
- Fluorescent lights

Product Care Association launched the first phase of the program (paint and fluorescent lights) on May 1, 2012 and the program expanded to include pesticides, flammable liquids/gasoline, corrosives, toxics and physically hazardous materials on October 1, 2012 (Phase 2). The MB HHW program enables consumers to drop off unwanted program products at collection sites and collection events across the province at no charge.

The program is funded by membership fees, known as “environmental handling fees”, remitted to PCA by its members based on the volume of sales of the designated products. In some case, retailers recover the fees as a separate visible environmental handling fee to consumers. The fee rates are set by Product Care Association. Program revenues are applied to the operation of the program, including education, collection system, administration, transport, recycling and disposal of collected residual products as well as a reserve fund.

See the Product Care website at www.productcare.org for more information.

2. Educational Materials and Strategies

Product Care used a number of methods to raise consumer awareness of the new program.

- **Earned Media** (see Appendix B)
 - Where appropriate, information about program events and updates are shared on Product Care's social media channels.
 - A joint press release between the City of Brandon and Product Care announced the city's new HHW facility and was featured in the *Brandon Sun*.
 - A press release about the opening of the City of Selkirk's first HHW facility and invitations to the depot's grand opening were sent out to local media. The story was covered in the local paper, the *Selkirk Record*.
 - The *Morden Times* provided collection event coverage.
- **Advertising** (see Appendix C)
 - An article about the growth of the Manitoba HHW program ran in the summer issue of the *Municipal Leader* as part of its "Greening of Municipalities" special report.
 - Purchased Media – An online ad and various print ads ran in local community papers to announce the grand opening of the City of Selkirk's first HHW facility.
 - For Waste Reduction Week, ad/advertorial space was purchased in the Winnipeg Free Press. Program coordinator Dave Ediger also attended an event at Polo Park alongside a number of other industry stewards to talk to residents about the program and the options available to them for recycling HHW products. The event was a success with coverage in the newspaper, on the radio and on television.
- **PoS (point of sale) and Point of Return (PoR) Materials** (see Appendix D)
 - 3' x 4' aluminum di-bond depot signs were designed and distributed to Manitoba's new HHW depots in Brandon, Selkirk and Gimli.
 - 8.5" x 11" pdf posters were emailed to towns and cities hosting one-day collection events.
 - In late fall, all HHW sites received specially designed posters for employees working at the depots. These signs help the employees identify tubskids for various accepted and unaccepted products.
 - Program posters and brochures for existing retailers and collection sites are replenished upon request.
 - Promotional pencils and magnets were created for distribution at various school events throughout the year.
- **Program Website** (see Appendix E)

The website provides information to Manitoba residents on:

 - Description of products accepted by the program
 - Collection site locations with details on hours of operation and products accepted at each location
 - Environmental handling fee rates
 - Promotional materials (posters, brochures) for downloading
 - In October, an "Events" page and a "News" page were added to the Product Care website in order to share information about one-day collection events and new program updates.

- **Website Linkages**

The Product Care website is linked to Green Manitoba Eco Solutions' website <http://greenmanitoba.ca/pros/> and to Recycle Manitoba's website www.recyclemanitoba.ca.

- **Government Partnerships**

Product Care works with Green Manitoba to promote the Product Care program. Specific actions include:

- Participating in the joint Green Manitoba product stewardship collection site map.

- **Toll-free Number**

Product Care operates a toll-free number (1-888-772-9772) to answer consumer inquiries.

- **Partnerships** (see Appendix F)

- On April 23, Product Care participated in Take Pride Winnipeg's Team Up to Clean Up at MTS Centre in downtown Winnipeg. The event brings together thousands of elementary school students to learn about composting, recycling, reusing, reducing, water issues and conservation efforts.
- Attended Recyclathon at Garden City Shopping Centre, Winnipeg May 25
- Product Care partnered with 12 other industry stewards, Recycle Manitoba and Take Pride Winnipeg for a Recycle Manitoba event during Waste Reduction Week (Oct 21-27). The one-day event to place at Polo Park Mall in Winnipeg on Oct 26. Program coordinator Dave Ediger was on hand to talk to residents about the HHW program and recycling options available for these items.
- Product Care coordinated RER Selkirk's grand opening as an HHW facility, securing MLA Greg Dewar and MP James Bezan for the ribbon-cutting ceremony. Save-the-dates and invites were sent to media, government officials and industry stewards.

- **Other Stakeholders**

Product Care continually works to keep Manitoba's HHW members up-to-date with relevant program information, through notifications such as product clarifications.

- Product Care was also involved in several initiatives in 2013 to ensure that other stakeholders were aware of the status of the Manitoba HHW program, including:
 - PRO Forum – Winnipeg, Oct 17
 - Manitoba Association of Regional Recyclers (MARR) Conference – Brandon, Oct 23/24
 - Presentations on the Product Care HHW program to four municipal councils and regional waste management boards

3. Collection System

Product Care does not directly own or manage any collection sites, but contracts with existing collection sites. Due to the hazardous nature of some of the program products, and limited existing infrastructure, siting permanent collection sites presented a significant challenge relative to other stewarded products. Typically, collection sites are co-located at facilities such as local government recycling centres or transfer stations, non-profit societies and private businesses.

As of December 31, 2013, Product Care operated 81 permanent, year round municipal and private collection sites and 60 return to retail collection sites were collecting program products.

Not all collection sites accept the same products, the following Table 1 provides the collection site breakdown. See Appendix A for a complete list of sites as of December 31, 2013.

Table 1: List of Participating Retail and Non-retail Collection Sites in Manitoba

Type of Collection Site	Retail	Private/ Municipal	Total
Paint only	13	3	16
Fluorescent Lights only	10	0	10
Both Paint and Lights	37	12	49
Full HHW (paint, lights, HHW)	0	6	6
Total Permanent Collection Sites			81

Collection sites are typically open during regular business hours. In addition, the collection site at Miller Environmental's Winnipeg facility offered evening collection hours on Thursdays and weekend collection hours on select Saturdays each month.

Product Care also contracted with Miller Environmental to operate a number of one day household hazardous waste collection events to supplement the collection site system. There were 12 collection events in 2013, listed in Table 2.

Product Care continues to work on expanding the overall collection system.

Table 2: Household Hazardous Waste Collection Events in MB, 2013

Date	Location
Mar 8	Morden
Aug 14	Eriksdale
Sep 12	Russell
Sep 14	Springfield
Sep 16	Dauphin
Sep 17	Swan River
Sep 18	The Pas
Sep 19	Flin Flon
Sep 21	Thompson
Sep 21	Portage la Prairie
Sep 21	Altona
Sep 28	Beausejour
Total Events: 12	

4. Management of Collected Materials

The objective of the Manitoba HHW Stewardship Program is to minimize the improper disposal of paint, fluorescent lights, and hazardous materials from the environment by providing an effective HHW collection program and ensuring that the collected materials and containers are either recycled or disposed of in an

environmentally responsible manner. Product Care endeavours to manage collected products in accordance with the “pollution prevention hierarchy” as described in detail below.

4.1. Management in Accordance with the Pollution Prevention Hierarchy

4.1.1. Paint

Leftover paint is the largest volume of the residual products managed by the Product Care program and of the HHW category in general. Leftover paint is managed in a number of ways:

Latex paint is sent to a recycling facility to be reprocessed into paint and coating products. Unrecyclable latex paint is solidified and sent to the landfill. Regulatory limits on VOC and limited demand for oil based paints do not make oil based paint recycling a viable option. Oil based paint is currently being consolidated and blended with other flammable liquids and sent for energy recovery at licensed facilities.

Paint Exchange (Reuse)

Product Care will pursue the option of bringing the paint exchange program (where better quality paints are given away at no charge) to suitable collection sites. This is an efficient way to manage leftover paint as the product is used for its purpose, and does not require transportation and reprocessing. This option will likely be limited to non-retail collection sites.

Aerosol Paints

The residual volumes recovered from paint aerosols are very small and represent a variety of product formulations that limit the options for recycling. Paint aerosols are punctured and the contents are drained. The propellant is absorbed by carbon, the residual paint is fuel blended with other flammable liquids destined for energy recovery and the steel containers are recycled as scrap metal.

PCB Contaminated Paint and Non-program Material

Oil based paints are tested on a regular basis for PCB (Polychlorinated biphenyl) contamination. Where allowable PCB limits are exceeded, the paint is managed as PCB waste according to regulatory requirements. In 2013, the program did not have any paint that needed to be managed as PCB waste.

Non-program material which enters the collection system is segregated at the processing stage and depending on the material type, processing methods for non-program material include landfilling, physical/chemical treatment, energy recovery or incineration.

4.1.2. Flammable Liquids/Gasoline

Given the varied nature of flammable products, the material mix/composition and the limited volumes, it is not economically viable or feasible to recycle flammable liquids. As a result, and the fact that many flammable products are sold as fuels, leftover flammable liquids and gasoline are fuel blended and sent for energy recovery. Flammable aerosols are evacuated and the flammable liquid is treated in the same manner as paint aerosols. Waste gasoline is fuel blended and sent for energy recovery.

4.1.3. Corrosives

Corrosives are neutralized, and the water from the process is treated and recycled. Any waste from the process is stabilized for the landfill. Corrosive aerosols are evacuated, the propellant is absorbed by carbon, the metal cans are recycled as scrap metal and the corrosive liquids are neutralized.

4.1.4. Toxics

Due to the nature of toxic materials, there is no reuse or recycling option available, and all residues are incinerated at a government regulated and permitted incinerator. For operational efficiencies, pesticide and toxics are collected, processed and managed together accordingly.

4.1.5. Physically Hazardous (fuel cylinders)

Fuel from fuel cylinders are sent for energy recovery and the metal is sent for scrap metal recycling.

4.1.6. Pesticides

Due to the nature of pesticides and aerosol pesticides, there is no reuse or recycling option available, and all pesticides are incinerated at high temperature government regulated and permitted incinerators. Pesticide aerosols are evacuated, propellants are absorbed by carbon, metal cans are recycled as scrap metal and the residual pesticides are sent for incineration.

4.1.7 Fluorescent Lights

The spent fluorescent lights are collected and shipped to a processor where they are broken down into their component parts (mercury/phosphor powder, glass and metals) under a controlled environment and recycled where possible. The metal end caps are sent to scrap metal recycling. The glass is further processed and utilized as raw materials in various manufacturing process. The mercury and phosphor powder undergoes further processing to remove the mercury from the phosphor powder. The mercury is then distilled and sold as commodity for use in various manufacturing processes. The remaining treated phosphor powder is sent to the landfill.

4.2. Volume Collected

4.2.1. Residual Recovery Volume

Residual Recovery Volume represents the liquid volume, measured in litres, of program products recovered by the program. Table 3 show the volume of total paint and HHW collected in 2013.

Table 4.1: Residual Recovery Volume of Compressed HHW Collected in Units, Jan-Dec 2013

HHW Category	Total (units)
Paint Aerosol*	28,525
Physically Hazardous*	3,672
Total	32,197

*Paint aerosol and physically hazardous material categories are in units and based on average units per drum.

Table 5 shows the units of fluorescent lights collected in the same year.

Table 3: Residual Recovery Volume of Paint and HHW Collected in Litres, Jan-Dec 2013

HHW Category	Total (litres)
Paint (non-aerosol)	260,912
Flammable Liquids (incl. Gasoline)*	18,178
Toxics (incl. Pesticides)*	2,424
Corrosives*	2,290
Total	283,804

*Aerosol portions of flammable liquids, toxic and corrosive products are comingled during processing and therefore excluded from the residual recovery volume. The total volumes (in litres) were derived using a weight to volume conversion.

Table 4.1: Residual Recovery Volume of Compressed HHW Collected in Units, Jan-Dec 2013

HHW Category	Total (units)
Paint Aerosol*	28,525
Physically Hazardous*	3,672
Total	32,197

*Paint aerosol and physically hazardous material categories are in units and based on average units per drum.

Table 5: Fluorescent Lights and Tubes Collected in Units, Jan-Dec 2013

Fluorescent Light Type	Total
Compact Fluorescent Lamps(CFLs)	13,030
Tubes	35,495
Total	48,525

4.2.2. Non-Program Products

Product Care has made efforts to decrease the number of non-program products entering the collection stream. Efforts are continually being made to ensure that products covered under other stewardship programs are directed to those programs. For instructional purpose and to assist collection sites to identify specific waste items that cannot be accepted, the program provides collection sites with a collection site manual, collection site poster and brochure identifying the products that are not accepted. However with a program of this scope and complexity, it will be an unavoidable part of program operations.

Product Care has been working in collaboration and under contract with Green Manitoba Eco Solutions to manage non-program products from residential sources that enter the collection system. Non-program products are sorted out by the processor and disposed of in a responsible manner as previously outlined in Section 4. The total cost of managing non-program products in 2013 was approximately \$125,860. Approximately 61,864 kgs of non-program materials were managed through the collection system. The following is a summary of the various types of non-program products.

- Asbestos
- Flammable solids
- Light ballasts
- Other lamp technologies
- Mercury
- Non-program aerosols
- Non-program flammable liquids
- Non-program corrosive materials
- Non-program toxic materials and pesticides
- Compressed gasses
- Oily water/debris
- Organic peroxides
- Oxidizing materials
- PCB containing light ballasts

4.2.3. Container Capacity Recovery Volume

Given the fluctuation in the quantity of liquid residuals contained within containers returned to the program, the aggregate nominal capacity of the program containers collected is also a meaningful measure of program performance. 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” and drums/pails of program products managed by the program. Tubskids are plastic pallet size collection bins used to transport containers of program products from collection sites (see photo below).



Table 6 is calculated in ELC, which is using 432 litres/tubskid and 80 litres/drum. Flammable liquids and gasoline volumes are managed together and hence the categories have been combined. For the same reason, the toxics and pesticides categories are combined.

Table 6: Container Capacity Volume in Litres, 2013

	Paint	Paint Aerosol*	Flammable Liquids (incl. Gasoline)	Toxics (incl. Pesticides)	Corrosives	Physically Hazardous*
2013	707,616	n/a	27,120	4,960	6,240	n/a

*Paint aerosols and physically hazardous items are reported in units and therefore the container capacity volume is not applicable.

4.3. Product Sales

The quantity of program products sold annually varies with market conditions, but is an important reference for the quantity of products available for collection in the future. Table 7 and Table 8 shows the quantity in litres/units sold of program products from 2013 for each program category. Volumes are calculated using typical container size volumes. Table 7 values are used to calculate the recovery rate of paint and HHW products in 2013 (Table 10).

Table 7: Sales Volume of Paint and HHW in Litres, 2013

	Paint	Paint Aerosol*	Flammable Liquids**	Toxics	Corrosives	Physically Hazardous *	Pesticides
Litres Sold, 2013	6,584,133	873,053	1,237,252	284,932	459,841	94,870	30,238

* Paint aerosol and physically hazardous sales are reported in units.

** Excludes gasoline sales.

Table 8: Sales of Residential Fluorescent Lights and Tubes in Units, 2013

Fluorescent Lights Sold	Total
Compact Fluorescent Lamps(CFLs)	836,522
Tubes	298,735
Total	1,135,257

Unlike the paint and HHW categories in which sales are used in the calculation of recovery rates, as per the Manitoba HHW Program Plan, a capture rate was determined to be the best performance measure for fluorescent lights. Table 9 presents the units of fluorescent lights and tubes available to be collected in Year 1 as well as an adjusted value to reflect the 8 months Product Care operated the program. The adjusted 8 month value is used to calculate the capture rate for fluorescent lights. See Section 4.4 for more details.

Table 9: Units of Residential Fluorescent Lights and Tubes Available to be Collected, 2013

Available to be Collected	Compact Fluorescent Lights (CFLs)	Tubes (All lengths)
Year 1 (May-Dec 2012)	82,800	46,200
Year 2 (2013, full year)	83,700	44,100

Figure 1 and Figure 2 illustrate the relative share of sales in 2013 for each of the program product categories.

Figure 1: Share of Program Product Sold in 2013 of Paint and HHW (in Units)

% Share of Paint and HHW Sold, 2013

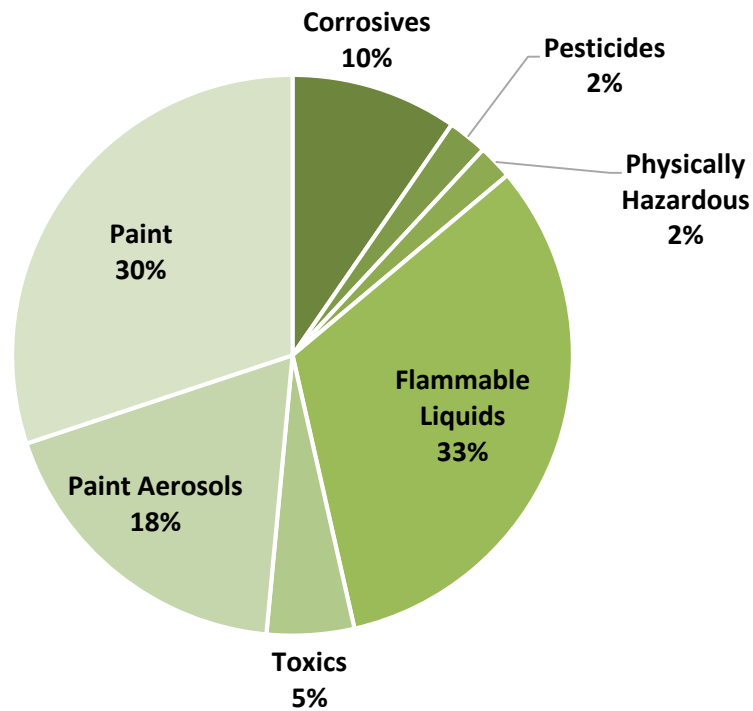
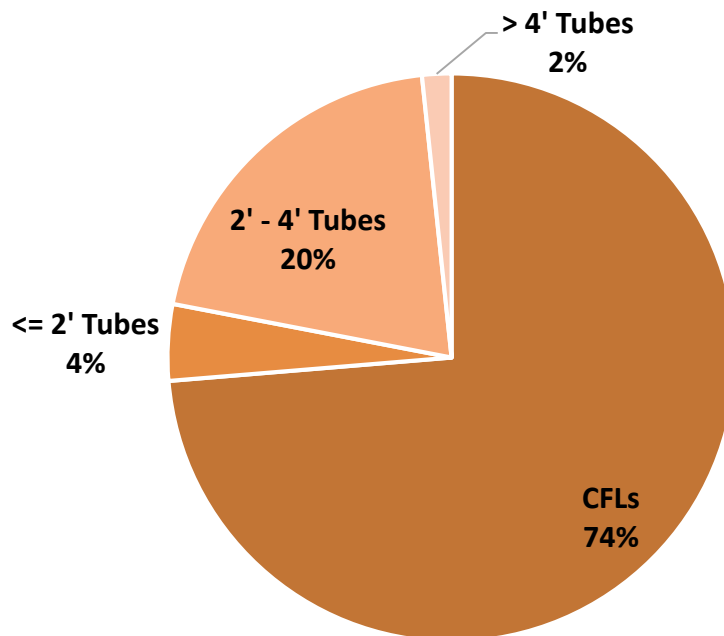


Figure 2: Share of Program Product Sales of Fluorescent Lights and Tubes (in Units)

% Share of Residential Fluorescent Lights Sold, 2013



4.4. Recovery Rate and Capture Rate

The recovery rate is calculated by dividing the volume collected by the volume sold in that year.

It's important to keep in mind that the recovery rate is continuously affected by factors outside of Product Care's control. Since the recovery rate uses the volume of products sold in a year as the denominator, fluctuations in the volume of products sold can change the recovery rate – and this can easily change depending on economic conditions. Also note that the paint and HHW products managed in the program can be stored for long periods of time and most are designed to be fully consumed.

Table 10 shows the recovery rate of paint and HHW products.

Table 10: Recovery Rate of Paint and other HHW (residual litres collected/litres sold)

	Paint	Paint Aerosol*	Flammable Liquids (incl. Gasoline)*	Toxics (incl. Pesticides)*	Corrosives*	Physically Hazardous*
2013 Recovery Rate	11%	3.3%	1.5%	0.8%	0.5%	3.9%
Year 2 Recovery Rate Target	3.5%	N/A	2.0%	7%	2.2%	N/A

*Flammable liquids, toxic, and corrosive aerosols were not included in recovery rate calculations because these products were comingled during processing.

**Recovery rates for paint aerosols and physically hazardous materials were calculated as units recovered/units sold.

As described in the MB HHW Program Plan, due to the long lifespan of fluorescent lights, the capture rate (units collected/units available for collection in that year) was determined to be a more accurate measure of program performance than the recovery rate (units collected/units sold in that year). See Table 10 below for results.

Table 11: Capture Rate of Fluorescent Lights and Tubes (units collected/units available for collection)

	Compact Fluorescent Lights (CFLs)	Tubes
2013 Capture Rate	16%	80%
2013 Capture Rate Target	17%	17%

A number of factors need to be considered when comparing the actual recovery rates/capture rates and targeted rates as written in the Program Plan.

At the time of program plan development, there was minimal data on certain categories such as toxics, corrosives, physically hazardous materials and fluorescent lights to assist with setting recovery or capture rate targets.

5. Product Life Cycle Management and Environmental Impacts

The ability of a stewardship program of this scope to influence product design is limited. The overall program objective is to reduce the environmental impact of obligated products through the application of the pollution prevention hierarchy of reduce/reuse/recycle.

Paint and HHW

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 same could be said for some of the other HHW categories. Many of the paint products covered by the program have changed over time as a result of design for environment activity.

The paint and coating industry is continually pursuing product formulation innovations that strike a balance between sustainability, health & safety and performance, working in concert with key agencies such as Health Canada and Environment Canada. An example of these sustainability initiatives is the industry's involvement with the federal Chemicals Management Plan, assessing chemicals in commerce for all industry sectors including paint and coatings. The Chemicals Management Plan seeks to assess all chemicals in commerce with a view to banning the highly toxic ones or where toxicity is considered harmful for the environment, both from a human health or ecological perspective. A risk management approach is required to permit continued use of the product. This may result in regulations, pollution prevention plans, codes of practice or compliance agreements and ultimately reformulation or re-design of products for the marketplace that reduces or eliminates negative impacts to the environment.

Fluorescent Lights

The lifespan of fluorescent lights has increased substantially in the last decade, reducing the environmental impact associated with these products. Energy Star™ rated lights can now last up to 12 years, an increase from an average of 3 years in 2003¹. Smaller diameter fluorescent tubes are now available on the marketplace, which can provide the same or more light with about 50% less material resources by weight². The amount of mercury contained within fluorescent lights has also been decreasing. Manufacturers who are members of Electro-Federation reported a decrease the amount of mercury in fluorescent lights by 81.6% in 2006, as measured from a 1990 baseline³.

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 or product
- 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

¹ Stewardship Ontario (2009). *Draft Consolidated Preliminary Municipal Hazardous and Special Waste Program Plan Volumes I and II*.

² European Lamp Companies Federation. *Climate, Environment and Health*. Please refer to <http://www.elcfed.org>

³ Personal Communication with Wayne Edwards, Electrical Equipment Manufacturers Association of Canada.

6. Fee Information

Product Care pays all of the costs of collecting leftover products (including historic products i.e. products sold before the programs began for which no environmental handling fees were collected) and of managing the products collected including all related program expenses. This cost is funded by environmental handling fees paid to Product Care by its members. For many, but not all, products the environmental handling fees are recovered at the time of retail sale as a separate charge. This is at the discretion of the retailer. Environmental handling fee rates are established by analyzing and allocating program costs among product types and container sizes. There is no charge to drop off program products at any Product Care collection site.

Paint and Paint Aerosols

Paint Product Size	Fee per unit (\$)
100 ml to 250 ml	\$0.20
251 ml to 1 L	\$0.25
1.01 L to 5 L	\$0.60
5.01 L to 23 L	\$1.50
Aerosol paint (any size)	\$0.25

Fluorescent Lights and Tubes

Lights type (sales for residential use)	Common type	Fee per unit (\$)
Compact Fluorescent Light	CFL	\$0.15
Tubes measuring less than or equal to 2 feet	2 feet	\$0.20
Tubes measuring greater than 2 feet and up to or equal to 4 feet	4 feet	\$0.40
Tubes measuring greater than 4 feet	8 feet	\$0.55

Pesticides

Container size/type	Fee per unit (\$)
Less than 10 ml or g	\$0.01
0.01 to 0.89 L or kg	\$0.60
0.9 to 1.79 L or kg	\$1.20
1.8 to 10 L or kg	\$2.40

Aerosol Flammables, Corrosives, Toxics

Aerosol size	Fee per unit (\$)
1 to 75 ml or g	\$0.01
76 to 200 ml or g	\$0.05
Over 201 ml or g	\$0.10

Flammable Liquids, Corrosives, Toxics

Container size/type	Fee per unit (\$)
0.750 L or kg or less	\$0.05
0.751 to 1L or kg	\$0.10
1.01 to 2 L or kg	\$0.20
2.01 to 4 L or kg	\$0.40
4.01 to 10 L or kg	\$1.00

Physically Hazardous Materials

Container size/type	Fee per unit (\$)
per unit	\$0.50

Gasoline Stations

Per gasoline station in MB	\$11.25 per month
----------------------------	-------------------

Appendix A – 2013 Collection Sites

Retail Collection Site

Paint	Fluorescent Lights	Full HHW	Retailer Collection Sites	City
Y	Y		Sun Valley Co-op Ltd.	Altona
Y	Y		Arborg Home Hardware Building Centre	Arborg
Y	Y		Interlake Consumers Cooperative	Arborg
Y	Y		Ashern Home Hardware	Ashern
Y	Y		Boundary Co-op Ltd	Boissevain
Y	Y		Brandon Home Hardware Building Centre	Brandon
Y			RONA Building Centre (Brandon)	Brandon
Y			General Paint Corp. (Brandon)	Brandon
Y			Janzen's Paint & Decorating Ltd (Brandon)	Brandon
Y			Windsor Plywood (Brandon)	Brandon
Y	Y		Carman Co-op	Carman
	Y		Border View Lumber Inc.	Cartwright
Y	Y		Dauphin Home Hardware	Dauphin
Y	Y		Elm Creek Co-op Ltd	Elm Creek
Y	Y		Countryside Home Building Centre	Fisher Branch
Y			Flin Flon Home Hardware Building Centre	Flin Flon
Y			RONA Building Centre (Gimli)	Gimli
Y	Y		Moore Building Centre	Killarney
	Y		Killarney Home Hardware	Killarney
Y	Y		Home Hardware Building Centre	Lac Du Bonnet
Y	Y		Molgat Shopping Centre	Laurier
Y	Y		Minnedosa Home Hardware	Minnedosa
Y	Y		Heritage Co-op Home Centre	Minnedosa
Y	Y		Morris Home Hardware	Morris
Y	Y		Neepawa Home Hardware	Neepawa
Y	Y		Neepawa Tru Hardware	Neepawa
Y	Y		Neepawa-Gladstone Co-op	Neepawa
Y			Wm Dyck & Sons (1993)	Niverville
Y	Y		Pembina Consumers Co-op	Oakbank
Y	Y		RONA Bldg Centre Portage la Prairie #1375	Portage La Prairie
Y	Y		Rivers Home Hardware	Rivers
Y	Y		Rosburn Home Hardware	Rosburn
Y	Y		Twin Valley Co-op	Russell
	Y		Russell Home Hardware	Russell
Y	Y		Selkirk Home Hardware Building Center	Selkirk
Y	Y		Shoal Lake Home Hardware	Shoal Lake
Y	Y		Snow Lake Home Building Centre	Snow Lake

Paint	Fluorescent Lights	Full HHW	Retailer Collection Sites	City
Y	Y		St. Laurent Home Hardware Building Centre	St. Laurent
Y	Y		Ste Anne Builders Supply	Ste. Anne
Y			E.G. Penner Building Centres Inc.	Steinbach
Y			Janzen's Paint & Decorating (Steinbach)	Steinbach
Y	Y		Stonewall Home Hardware	Stonewall
Y	Y		Tru Hardware	The Pas
Y	Y		RONA Revy Winkler #64670	Winkler
Y			Janzen's Paint and Decorating Ltd (Winkler)	Winkler
Y	Y		RONA REVY Winnipeg #64880	Winnipeg
Y	Y		RONA REVY Winnipeg #64890	Winnipeg
Y	Y		RONA REVY Winnipeg #64870	Winnipeg
Y	Y		Pollock's Hardware Co-Op - Lights	Winnipeg
	Y		Robinson Lighting	Winnipeg
	Y		London Drugs	Winnipeg
	Y		MR Lampshops	Winnipeg
	Y		Super-lite Lighting Ltd.	Winnipeg
	Y		Total Lighting Sales	Winnipeg
	Y		Princess Auto -Portage Ave	Winnipeg
	Y		Princess Auto -Panet Road	Winnipeg
Y			Cloverdale Paint (Winnipeg)	Winnipeg
Y			Windsor Plywood - North	Winnipeg
Y			Windsor Plywood (Winnipeg)	Winnipeg
Y	Y		Winnipegosis Hardware	Winnipegosis

Private & Municipal Collection Sites

Paint	Fluorescent Lights	Full HHW	Private/Municipal Collection Sites	City
Y	Y		Town of Birtle	Birtle
Y	Y	Y	City of Brandon	Brandon
Y	Y		Carman Transfer Station	Carman
Y	Y		Parkland District and Recycling	Dauphin
Y	Y	Y	Rural Municipality of Gimli	Gimli
Y			Mid Canada Environmental Services	Grand Pointe
Y			Town of Grandview	Grandview
Y	Y		Rural Municipality of Lac du Bonnet	Lac Du Bonnet
Y	Y		Evergreen Environmental Tech	Minnedosa
Y	Y		Rural Municipality of Edward	Pierson
Y	Y		Louise Integrated Waste Management	Pilot Mound
Y	Y		Portage & District Recycling	Portage La Prairie
Y	Y		Rural Municipality of Pipestone	Reston

Paint	Fluorescent Lights	Full HHW	Private/Municipal Collection Sites	City
Y	Y		Town of Roblin	Roblin
Y	Y	Y	Responsible Electronics Recycling Ltd	Selkirk
Y	Y	Y	City of Steinbach	Steinbach
Y	Y		Rural Municipality of Strathclair	Strathclair
Y	Y		Virden and District Recycling	Virden
Y	Y	Y	Whitemouth-Reynolds Waste Management	Whitemouth
Y	Y	Y	Miller Environmental	Winnipeg
Y			R.M. of Piney	Vassar
Total Collection Sites				
Paint only 16	Fluorescent Lights only 10	Full HHW 6	Paint & Lights 49	
Total # of sites 81				


Appendix B – Earned Media

A sample of earned media coverage in Manitoba.

BRANDON SUN
May 2, 2013
News | Sports | Opinion | Entertainment | Lifestyles | Business | Agriculture | Multimedia | SUBSCRIBE

go his fresh colorful
Shoppers Mall
SHOPPERS MALL GIFT CARDS
Give them a whole shopping centre full of choices!

go browse Shoot shopersonalizer
go for the shopping stay for

TOP PHOTOS
Dancing down Rosser
1 of 10 < >

TIM SMITH/ BRANDON SUN | ENLARGE
Participants dance their way along Rosser Avenue during the Healthy Brandon in motion Dance Walk on a cold Wednesday. The second annual walk kicked off the Walking Wednesday program.

TOP STORY
Hazardous waste depot opens next week
Brandon's full-service household hazardous waste depot will officially open and begin taking material next week.
The depot, located at the eastview Landfill at 3000 Victoria Avenue east, is the first full service household hazardous waste depot to be located outside the City of Winnipeg and is part of the industry-led Manitoba Household Hazardous Waste (HHW) program. Three program was originally announced ...
ONLINE | Thursday, May 2, 2013 at 11:46 AM



Product Care Association program coordinator Dawn Ediger and Responsible Electronics Recycling (RER) owner Karen Koppert cut the ribbon at the ribbon cutting ceremony Sept. 16 to celebrate the expansion of RER into Selkirk's first full-service household hazardous waste (HHW) depot. Joining Ediger and Koppert at the ribbon cutting ceremony was MP for Selkirk-Interlake James Boucau, M.A. for Selkirk Greg Dewar, Selkirk mayor Larry Johansson, St. Andrews Coun. Russ Garvie, and St. Clements Coun. Ray Frey.



Time to gather up all that old paint

Every year, residents of Morden, Wakarusa and the RM of Stanley are given the chance to dispose of their household hazardous waste. On June 6 from 10 a.m. to 2 p.m., the drop off is at the rear of the Morden Fire Hall. If disposing of household hazardous waste, leave materials in original containers if possible, and containers should be clearly labeled with individual products and separate hazardous materials can include pesticides, motorcycles, acids, car batteries, oils, paint droppers, propane, acetylene, mercury thermometers, to let & drain cleaners, glues, gasoline, furniture polishes & wax, metal polishes, pharmaceuticals, wood preservatives, household cleaners, degreasers, herbicides, antifreeze, brake, aerosol cans, nail removers, solvents, old paint. Only domestic quantities of from households will be accepted.

Appendix C – Bought Media

Newspaper print advertisement in Selkirk, MB.

NOW OPEN

SELKIRK'S FIRST FULL-SERVICE
HOUSEHOLD HAZARDOUS WASTE DEPOT
IS NOW OPEN AT
RESPONSIBLE ELECTRONICS RECYCLING (RER)



Join RER in helping protect Manitoba's lands and waterways. Drop off your residential **lights, paint, solvents and other household hazardous waste** for **free** at the depot. It will be collected right on-site by trained staff for safe recycling.

OPEN: MON - FRI 8:00AM - 4:30PM

511 ROBINSON AVENUE, SELKIRK

FOR A FULL LIST OF ACCEPTED PRODUCTS, VISIT
www.productcare.org/Manitoba
 or CALL 1.888.772.9772

RER is an official Product Care Household Hazardous Waste collection location




Winnipeg Free Press Full-Page Ad

Grown-ups need to tidy up too.





There are tons of things that kids can do to help reduce waste, save energy and make the world a healthier place — but they cannot learn them by themselves.

Lead by example during Waste Reduction Week by finding out where you can safely and responsibly deposit your household hazardous waste.

Best of all, drop-off is free! Residential household hazardous waste products can be dropped off at a number of participating retail outlets and municipal and regional waste management facilities at no charge during regular hours of operation.

Did you know that Manitoba has more than 75 facilities to accept all of your leftover household hazardous waste? These materials include waste paint, burnt-out fluorescent lights, pesticides, solvents, fertilizers, and more. Under Product Care, the Manitoba Household Hazardous Waste Program and Manitoba LightCycle are two leading programs designed to make safe disposal of these products fast and convenient.

Of course, the best way to reduce waste is to use less. So remember: only buy what you need.


Want to learn more? Visit ProductCare.org/Manitoba or call 1.888.772.9772

Manitoba's Household Hazardous Waste and LightCycle programs are managed by Product Care Association.




Online Ad

Login
AUTOS HOMES CAREERS CLASSIFIED OBITUARIES SUN MEDIA
Google™ Custom Search



Thursday, September 26, 2013

Selkirk, MB



21°

Overcast

SPONSORED BY:
Smitty's Furniture & Appliances


[HOME](#) [NEWS](#) [SPORTS](#) [ENTERTAINMENT](#) [LIFE](#) [MONEY](#) [OPINION](#) [YOUR NEWSPAPER](#) [EVENTS](#) [UR](#) [MARKETPLACE](#) [MORE](#)

UR

Archives


- September 2013
- August 2013
- July 2013
- June 2013
- More...

Contributors



FREE

HOUSEHOLD HAZARDOUS WASTE RECYCLING
AT RESPONSIBLE ELECTRONICS RECYCLING (RER)



OPEN: MON - FRI 8:00AM - 4:30PM

511 ROBINSON AVENUE, SELKIRK

FOR A FULL LIST OF ACCEPTED PRODUCTS VISIT
www.productcare.org/Manitoba

Appendix D – Point of Sale and Point of Return Materials

3' x 4' Outdoor Depot Sign

Household Hazardous Waste Depot

ACCEPTED CONSUMER PRODUCTS:

Properly sealed and identified consumer products only.
No industrial products – except paint aerosols.



HOUSEHOLD PAINT

Alkyd (Oil-Based) or Latex
Including All Types of Paint Aerosol
Max. Container Size: 25 litres, 660 g or 24 oz for Aerosols

FLAMMABLE LIQUIDS & GASOLINE

Products Displaying Flammable Symbol
Max. Container Size for Flammable Liquids: 10 litres
Max. Container Size for Gasoline: 25 litres
Max. Container Size for Aerosols: 660 g or 24 oz

PHYSICALLY HAZARDOUS

Products that display both a flammable and explosive symbol

PESTICIDES & TOXICS

Liquid and Solid Pesticides
Aerosol Containers
Max. Container Size: 10 litres, 660 g or 24 oz for Aerosols

CORROSIVES

Liquid, Aerosol or Solid
Must Display Corrosive Symbol
Max. Container Size: 10 litres, 660 g or 24 oz for Aerosols

LIGHTS

Residential-use CFL bulbs and tubes only

ABANDONMENT IS PROHIBITED

Products accepted during operation hours only!
Abandoning these or any other product outside the depot poses risk to children, pets, wildlife and the environment.





For more information, visit
www.productcare.org/mb or call 1.888.772.9772.

An official Product Care Household Hazardous Waste collection location.

Product Care Manitoba HHW 2013 Annual Report

Page 22 of 25

11" x 17" HHW tubskid signage

FLAMMABLE LIQUIDS

NON-PROGRAM PRODUCTS
WHAT GOES IN HERE

FROM RESIDENTIAL SOURCES ONLY

MAY DISPLAY
FLAMMABLE HAZARD LABEL

1. Non-aerosol paint products that are not Program Products
2. Other products identified as flammable that are not included as Program Products

LOOK FOR KEYWORDS LIKE:

Flammable. Combustible. Diesel Fuel.
"Keep away from flame." Resin. Adhesive.
Caulking. Industrial or Automotive Paint.
Craft Paint. Paint Containers with
unreadable labels or customer labels.



TOXIC MATERIALS

WHAT GOES IN HERE

PESTICIDES

CONTAINER MUST HAVE:

1. A POISON LABEL
2. A PEST CONTROL PRODUCT (PCP) NUMBER

OTHER TOXIC MATERIALS

1. MUST HAVE POISON LABEL
2. LIQUIDS ONLY - NO SOLIDS

LOOK FOR KEYWORDS LIKE:

Wood Preservative. Fuel Additive.
Methylene Chloride. Weed/Pest
Killer. Weed and Feed Fertilizer.

MAXIMUM CONTAINER SIZE: 5 GALLONS

1. Containers must have their original labels and be in good condition (tight lids, no leaks)
2. Place granular absorbent in bottom of the container it is packed into




One-Day Collection Event Poster Example

FREE HOUSEHOLD
HAZARDOUS WASTE
DROP OFF

**September 18 is
Household Hazardous Waste
Collection Day at
81 Edwards Avenue!**

JOIN US ON SEPTEMBER 18 | 4:00PM - 8:00PM

DO YOUR PART TO PROTECT THE ENVIRONMENT BY
DROPPING OFF LEFTOVER PAINT CANS, SOLVENTS
AND LIGHTS FOR RECYCLING!

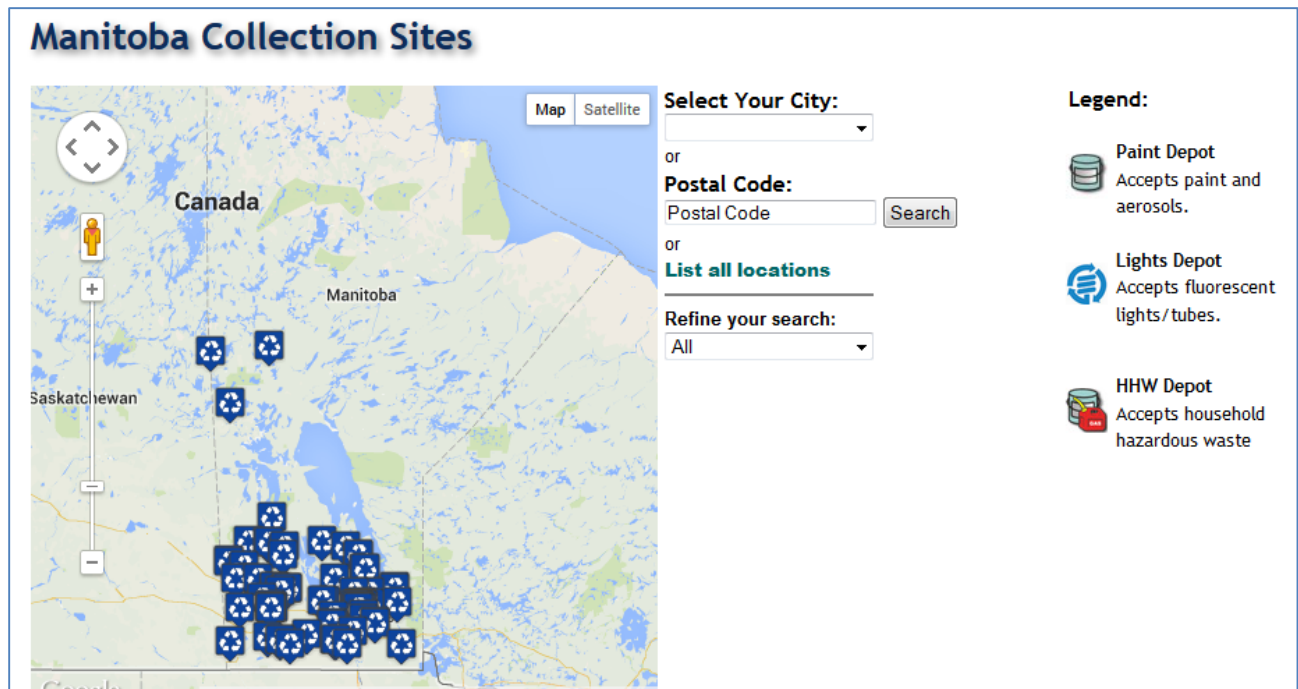


*All products must be in their original
container, label intact and properly sealed!*

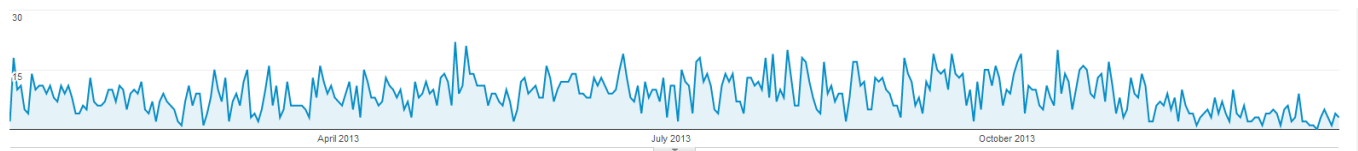
FOR MORE INFORMATION EMAIL chrism@townofthepas.ca
OR CALL 204.627.1127

Appendix E – Product Care Manitoba Website

Map of the Manitoba collection sites, identifying locations to drop-off paint, fluorescent lights, and HHW.



Visual graph of site visits to Manitoba home page (www.productcare.org/MB). The Manitoba program website pages received approximately 16,885 unique page views in 2013.



Appendix F – Partnership Events

Selkirk Grand Opening Ribbon-Cutting Event



Polo Park Event

