

HEALTH PRODUCTS STEWARDSHIP ASSOCIATION

## **Annual Report to the Director**

## 2013 Calendar Year

- Submitted to: David Ranson Director, Waste Management PO Box 9341, STN PROV GOVT Victoria, BC V8W 9M1
- Prepared by: Ginette Vanasse, Executive Director 330-2255 St. Laurent Blvd. Ottawa, ON K1G 4K3 613-723-7282

#### CONTENTS

1.	EXECUTIVE SUMMARY	. 3
2.	PROGRAM OUTLINE	. 8
<b>3.</b> A) B) C) D)	PUBLIC EDUCATION MATERIALS AND STRATEGIES	9 9 9
4.	COLLECTION SYSTEM AND FACILITIES	
5.	PRODUCT ENVIRONMENTAL IMPACT REDUCTION, REUSABILITY AND RECYCLABILITY	12
6.	POLLUTION PREVENTION HIERARCHY AND PRODUCT / COMPONENT MANAGEMENT	12
7.	PRODUCT SOLD AND COLLECTED AND RECOVERY RATE	12
8.	SUMMARY OF DEPOSITS, REFUNDS, REVENUES AND EXPENDITURES	14
<b>9.</b> A) B)	PLAN PERFORMANCE HPSA Consumer Awareness Survey (October 2013) SABC: Benchmark Study Measuring Consumer Awareness Levels	14
A	THIRD PARTY ASSURANCE REQUIREMENTS FOR NON-FINANCIAL INFORMATION         Appendix 1 Website links       1         Appendix 2 Regional District Summary Report       1	18
	Appendix 3 BC Pharmacist Newsletter	
	Appendix 4 Collection Locations	

## 1. EXECUTIVE SUMMARY

HPSA has continued to increase the quantity of products returned per capita from 0.0189 to 0.0212 kg, representing a 12.1% increase in collection, or 93,091 kg of post-consumer pharmaceuticals returned for disposal. The British Columbia Medications Return Program (BCMRP) continues to operate around 1,132 collection sites, representing a total of 94.1 of eligible BC pharmacies.

- Information: The public continued to received information on proper medication disposal through a number of channels, including: easy-to-find links to pharmacies through the Recyclopedia app available on the Recycling Council of British Columbia's (RCBC) website, links to our program on the British Columbia Pharmacy Association's (BCPhA) website, and on the majority of Regional District and municipal websites, and through HPSA's website directory and integrated pharmacy search tool.
- Promotion: In January 2013, more than 500 BC Pharmacy Association pharmacy members and nine regional districts across the province took part in the annual Medications Return Campaign, encouraging patients to protect themselves, their families and the environment through proper disposal of expired or unused medications.

Our program continues to focus on unused and expired medications from households and continues to offer multiple solutions to reflect local/regional differences. Permanent collection programs provide ongoing, year-round drop-off services for consumers.

Once approved, this report will be available on our website at <u>www.healthsteward.ca</u>.

Products within plan	Prescription drugs, over-the-counter drugs and natural health products
Program website	www.healthsteward.ca

Recycling Regulation Reference	Торіс	Summary Report
Part 2, section 8(2)(a)	Public Education Materials and <u>Strategies</u>	The public is kept informed about proper medication disposal through a number of channels, including: easy-to-find links to pharmacies on the Recyclopedia available on the Recycling Council of British Columbia's website, links to participating pharmacies on the British Columbia Pharmacy Association's website, our own directory on HPSA's website and on the majority of Regional District or Municipalities' websites (see Appendix 1).
Part 2, section 8(2)(b)	Collection System	Section 5 (1) (c) (iii) of the regulation requires that a plan must adequately provide for reasonable and free consumer access to collection facilities. Since 1997, HPSA has established a comprehensive network of permanent collection sites under the BCMRP where the public can conveniently return health products for responsible disposal. This network consists of community pharmacies as well as some clinics, hospitals, community centers and other collections sites with a significant volume of consumer returns. HPSA produces an annual District Summary Report (Section 6, Table 1) that shows the number of registered collection locations per capita by district and demonstrates the high level of consumer access and program coverage in B.C. The provincial average is 3,713 people per HPSA registered collection location. See Section 6
Part 2, section 8(2)(c)	Product Environmental Impact Reduction, Reusability and Recyclability	n/α

Recycling Regulation Reference	Topic	Summary Report
Part 2, section 8(2)(d)	Pollution Prevention Hierarchy and Product / Component Management	All products returned are disposed of through incineration.
Part 2, section 8(2)(e)	<u>Product Sold and</u> <u>Collected and</u> <u>Recovery Rate</u>	We increased the quantity of products returned per capita from 0.0189 to 0.0212 kg, representing a significant increase of 14.3% in collection or 93,091 kg returned for destruction.
Part 2, section 8(2)(e.1)		See Appendix 2 for breakdown per regional district
Part 2, section 8(2)(f)	Summary of Deposits, Refunds, Revenues and Expenses	n/a

In 2013, HPSA began to operate under its 2012-2016 Stewardship Plan while awaiting approval. HPSA set several new performance measures and targets and is reporting against those references.

Performance Targets		2013 Results	Remediation Strategies
Α.	Consumer Awareness Indicators [section 5 (1) (c) (iv)] Surveys will take place at specific intervals as the BCMRP further matures over time and are a tool used to help measure program performance and usage. A consumer awareness survey was developed in 2007 and used in 2010 and in 2013.	<ul> <li>The results show significant improvements in both consumer behavior and awareness of the program (See Section 9).</li> <li>60% of British Columbians were able to identify pharmacies as a place where consumers may dispose of unwanted medications.</li> <li>61% used the program in the last 6 months.</li> </ul>	HPSA remains committed to the consumer awareness targets for 2017 which include a 25 % increase in public awareness and a 10% increase in usage of the BCMRP compared to the 2012 results.
В.	<ul> <li>Number of Collection Sites [section 5 (1) (c) (iii)]</li> <li>a) Contact existing pharmacies with ownership and/or manager changes on a quarterly basis.</li> <li>b) Contact pharmacies demonstrating a significant change in collection pattern.</li> <li>c) Contact new licensed community pharmacies on a quarterly basis as identified from lists obtained from the B.C. College of Pharmacists.</li> </ul>	Maintained participation rate above 94.1%. HPSA was not able to review changes quarterly and initiated major changes for tracking activities with the collections sites network.	HPSA hired a program coordinator and developed a program to track changes identified in 'Number of Collection Sites' performance targets a), b), and c). HPSA developed a new matrix as requested (see Section 6 Table 1).
C.	<b>Product Recovery Target</b> Maintain a minimum collected quantity of 65 tons on a three-year rolling average.	Achieved with 93 tons.	HPSA revised plan to 85 tons on a three- year rolling average.

Performance Targets		2013 Results	Remediation Strategies	
D.	<ul> <li>Promotion through advertising and 2 special events.</li> <li>a) Promotion of program in different media.</li> <li>b) HPSA maintains (and will continue to maintain) a website to locate collection sites and provide program information for the public, pharmacies and stewards.</li> <li>c) Maintain contact with waste coordinators in regional districts/municipalities with promotional materials and key messages for their websites/displays.</li> </ul>	Partly achieved (see details in Section 3 D)	Part c) was partially done. Some regional district were provided with promotional materials, however we had planned to do a more targeted campaign to get our promotional material both posted on websites and available in print form. Will secure resources to achieve in 2014.	
E.	Waste Composition Studies The BC Stewards Group established a partnership agreement for participating in scheduled waste audits performed in five regional districts.	BC Stewards completed a Waste Audit Proposal. The BC Stewards Group developed a generic guide or template, which details the methodology to be utilized by the agreed upon regional districts when conducting waste audits.		
F.	Accessibility Indicators HPSA developed a new matrix as requested see section 6, Table 1	<ul> <li>Reported (See Section 6, Table 1)</li> </ul>		

## 2. PROGRAM OUTLINE

The Health Products Stewardship Association (HPSA), formerly known as the Post-Consumer Pharmaceutical Stewardship Association (PCPSA) is a not-for-profit industry stewardship organization that meets its obligations as outlined in the BC extra provincial Society Act, and files the required reports with the Corporate Property Registry Branch of the Ministry of Finance. HPSA has been registered with Industry Canada since 2000.

The HPSA has been appointed as the agency to meet producer's regulatory obligations as health products stewards. HPSA's role is to perform on behalf of each member certain duties required under the regulation. As of December 2013, HPSA's membership was established at 135 stewards. The Program is accountable to its members, the general public and the government of British Columbia through the Ministry of Environment. The Program performance is publically accountable through the annual report.

This program is designed to capture unused or expired medications from the residential sector. The Program includes both products clearly attributable to an existing steward, and orphan products (those that are no longer in production, the steward is no longer in business, or products purchased outside Canada).

- ✓ All prescriptions drugs
- ✓ Over-the-Counter Medications
- ✓ Natural Health Products

All dosage forms Units sold in oral dosage form Units sold in oral dosage form

HPSA provides all collection containers and collateral materials, pays all shipping and responsible disposal costs, so there is **no cost to the public or collection sites to participate.** Collection systems are designed with user convenience and flexibility in mind.

The collection sites for the *Medications Return Program* are community pharmacies. Pharmacy managers interested in participating must complete a registration form. Details on the program (How it Works) are provided to ensure that the manager and their staff are knowledgeable on the program and its operations. All participating community pharmacies receive a guide containing instructions with information on the program for the public and containers.

## 3. PUBLIC EDUCATION MATERIALS AND STRATEGIES

HPSA's promotional and educational strategies are designed to ensure B.C. citizens know where and how to dispose of unused or expired medications.

## A) Publicity

The Program has posters, brochures, flyers, bookmarks, etc. that can quickly be supplied to participating pharmacies, special events or other associates including Regional District Service offices and municipalities. The brochures provide clear directions on what is accepted and not accepted in the BCMRP, how to return the unused or expired health products and where returns are accepted in an easy to understand manner. HPSA offers its support to health awareness events and health trade shows that advertise responsible disposal of unused or expired health products.

## **B)** Printed Materials

**Take-Aways**: Brochures and point of purchase signage are distributed to pharmacies and other locations such as clinics and doctor's offices through a reorder system by fax or email, free of charge. Brochures are presently available in English, while bookmarks are available in four languages (English, French, Punjabi and Chinese).

**Municipal Garbage and Recycling Calendars:** HPSA will continue to promote the B.C. Medications Return Program in the recycling calendars published by Regional Districts and municipalities informing residents about municipal services.

**Mail Outs:** HPSA will provide promotional material to Regional Districts and municipalities or other groups/organizations interested in promoting the program.

**News Bulletins**: These are currently available on a quarterly basis to HPSA members. HPSA also provides a bi-annual e-bulletin for the community pharmacy managers.

**Local Newspapers**: HPSA has authored articles in community newspapers promoting the B.C. Medications Return Program. Other advertising and story initiatives take place during the Pharmacist Awareness Week and other health related events throughout the year.

## C) Other Resources

**Web Site:** The HPSA website (<u>www.healthsteward.ca</u>) provides the public with information on the program and locations of collection sites for the disposal of health products. The site also provides a searchable database of participating pharmacies and details on products accepted by the program.

As HPSA continues to build the membership base, it can utilize the members' own promotional network to advertise the B.C. Medications Return Program. These initiatives are reported annually.

**Consumer Information**: Information on the safe use, storage and disposal of medications is provided to the consumer at the time of purchase.

HPSA sends regular updates to Regional Districts and municipalities including key messages and logos that can be used to promote safe disposal of unused or expired health products.

## D) Media coverage

### τν

Kelowna	CHBC News at 5	January 14, 2013
Vancouver	Global BC News Hour	January 14, 2013
valicouver	CTV News at Noon	January 14, 2013
	City TV (Breakfast Television 6am)	January 15, 2013
		January 15, 2015
Print		
Courtenay	Comox Valley Record	January 22, 2013
Dawson Creek	Northeast News	January 23, 2013
Fort St. John	Energetic City	January 16, 2013
	Northeast News	January 23, 2013
Kamloops	Kamloops Daily News	January 28, 2013
	Kamloops This Week	January 30, 2012
Langley	Langley Advance	January 15, 2013
Lytton	Bridge River Lillooet News	February 1, 2013
North Vancouver	North Shore News	February 2, 2013
Port Alberni	Alberni Valley Times	January 24, 2013
Prince George	HQ Prince George	January 19, 2013
Richmond	Richmond News	January 16, 2013
Surrey	Surrey North Delta News Leader	January 28, 2013
	Surrey Now	February 14, 2013
Tumbler Ridge	Tumbler Ridge News	January 28, 2013
Vancouver	Vancouver Sun	January 12, 2013
	24 hours Vancouver	January 14, 2013
	Sing Tao News	January 15, 2013
Vernon	Morning Star	January 11, 2013
Victoria	Victoria News	January 23, 2013
Radio		
Vancouver	CKNW (AM980)	January 14, 2013
	AM 730	January 14, 2013
	Talk Radio AM 640	January 14, 2013
	AM 770	January 14, 2013
	News 1130	January 14, 2013
Fort St. John	Moose FM	January 16, 2013
Merritt	Q101 FM	January 29, 2013
Kamloops	Radio NL	January 28, 2013
	CBC Daybreak Kamloops	January 30, 2013
Kelowna	AM 1150	January 17, 2013
	99.9 Sun FM	January 17, 2013
	101.5 EZ Rock	January 17, 2013
Vernon	105.7 Sun FM	January 17, 2013

Social Media

15 total tweets, including from:

Langley Mayor Jack Froese BC Government News Metro Vancouver Regional District North Okanagan Global BC The Valley Voice, Chilliwack Interior Health Life Sciences BC CKNW News BC Poison Control

Cross-promotion on all regional district websites.

#### Sponsorship:

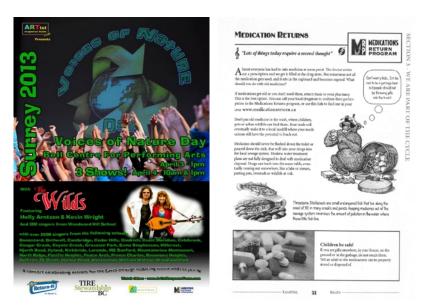
**RCBC Toll-Free and Recyclopedia** HPSA has contracted with the Recycling Council of British Columbia's "recycling hotline" service and financed the on-line recycling information database called Recyclopedia.

The 2013 BC Medications Return Campaign (January) involved more than 500 pharmacies who received promotional materials such as prescription bag stuffers and shelf signs ("shelf talkers") promoting the BC Medication Returns Program. We partnered with nine regional districts for cross-promotion through individualized joint news releases, social media promotion, and features in their recycling calendars including: Alberni-Clayoquot, Capital, Comox Valley, Metro Vancouver, North Okanagan, Squamish Lillooet, Thompson Nicola and the Northern Environmental Action Team). The BC Pharmacy Association was responsible for the coordination and promotion as well as all direct advertising to their pharmacy members in The Tablet, which is published to more than 3,800 pharmacy members and stakeholders across the province, as well as a weekly newsletter, Practice Update, and website. For a more detailed report please follow the link to The Tablet at: http://issuu.com/vince.lee/docs/tablet\_febmar2013\_press\_nocrops

#### Landfill Blues - Voices of Nature day concerts in Burnaby and Surrey

1/3 page space in the printed souvenir concert program for all concerts.

page in the Landfill Blues
online educators' handbook to
communicate messages about
safe disposal of medications.
We are currently in the process
of doing the layout. The online
handbook and music-science
video will be available
province- and Canada-wide,
and be used for years to come.



#### Ambassador Program - BC

The seventh edition of the annual Summer Ambassador Program began May 1<sup>st</sup> 2013. The Ambassador Team canvased the province of British Columbia to help spread the messages and awareness of relevant take-back programs at community events and gathered stewardship-specific feedback from government representatives. Ambassadors visited **55** HPSA facilities.

Many of the pharmacies stated that community awareness about the Medications Return program was high even though the HPSA had the least amount of point-of-sale signage. Despite positive feedback from pharmacists, government representatives felt consumer awareness was still too low.



## 4. COLLECTION SYSTEM AND FACILITIES

Since 2000, HPSA has increased the number of registered pharmacies from 575 to 1,132 representing 94.1% of licensed community pharmacies in the province. HPSA consists of community pharmacies as well as some clinics, hospitals, community centers and other collections sites with a significant volume of consumer returns. HPSA provides promotional items (posters, brochures, flyers, etc.) for display and has a news bulletin circulated annually in the spring and fall (see Appendix 3). There is no charge to the consumer to return products. Community pharmacies currently participating in the program can be located by the public on the HPSA website at <u>www.healthsteward.ca</u>, or by accessing the Recycling Council of British Columbia Encyclopedia at <u>www.rcbc.bc.ca</u>. In addition:

- Pharmacies are a natural, logical and safe site for the public to return health products.
- Pharmacies offer easy access to those with special needs and varying degrees of personal mobility.
- Pharmacists are very knowledgeable about the dispensing of health products and provide advice on individual medical conditions and the proper use of health products.
- Many pharmacies are open during extended hours, offering a convenient place for consumer disposal year-round.
- The provincial average is 3,713 people per HPSA registered collection location.

The following lists provide an example of materials that would be acceptable. Note that this list is not exhaustive.



## 5. PRODUCT ENVIRONMENTAL IMPACT REDUCTION, REUSABILITY AND RECYCLABILITY

The Canadian Council of Ministers of the Environment in their Extended Producer Responsibility Product Evaluation Tool proposed several criteria to measure the impact of pharmaceutical waste on human and environmental health.

The bulk of human pharmaceuticals found in waterways most likely got there by way of sewage. It is questioned whether take-backs have any real environmental and safety benefit. Taking unused pharmaceuticals out of landfills might have only a small difference in the concentrations found in water. But take-back programs may help prevent leftover pharmaceuticals from being misused, diverted or illicitly used.

## 6. POLLUTION PREVENTION HIERARCHY AND PRODUCT / COMPONENT MANAGEMENT

The pollution prevention hierarchy requirements outlined in the *Recycling Regulation* to reduce the environmental impact are not feasible for pharmaceutical products; consequently, HPSA disposes of the waste at government-approved facilities through incineration.

## 7. PRODUCT SOLD AND COLLECTED AND RECOVERY RATE

Section 5 (1) (c) (iii) of the British Columbia Recycling Regulation requires that a plan must adequately provide for reasonable and free consumer access to collection facilities. HPSA produces an annual District Summary Report that shows the number of registered collection locations per capita by district and demonstrates the high level of consumer access and program coverage in B.C. A list of participating pharmacies can be found in Appendix 4.

Medications may have a long delay between the time of purchase and return and prescriptions drugs should be fully consumed unless otherwise directed by a health professional. The *Medications Return Program* collects medications; not the bottle or vial used to market the product or used to dispense the prescription. We recommend that containers be recycled by pharmacists or the consumer.

HPSA increased the quantity of products returned per capita from 0.0189 to 0.0212 kg representing an increase (12.1%) in collection or 93,091 kg\* returned for disposal (Appendix 2). The highest rate of return was Powell River at .0321 kg followed by Nanaimo at .0291kg; the lowest rate was Kitimat-Stikine at .0076 kg.

Appendix 2 shows the absolute collection of medication in kilograms (mass recovered) by regional districts.

District	Collected (kgs)	Population	Area (KM <sup>2</sup> )	Population Density	Collection Locations (#)	Capita per Location
Alberni-Clayoquot	482.3	31,061	6,588	4.71	11	2,824
Bulkley-Nechako	562.31	39,208	73,361	0.53	13	3,016
Capital	11712.97	359,991	2,340	153.84	102	3,529
Cariboo	944.15	62,392	80,609	0.77	17	3,670
Central Kootenay	1465.03	58,441	22,095	2.64	20	2,922
Central Okanagan	4826.76	179,839	2,905	61.91	54	3,330
Columbia-Shuswap	822.4	50,512	28,929	1.75	15	3,368
Comox Valley	1270.05	63 <i>,</i> 568	1,701	37.37	17	3,739
Courtenay	77.31	3,206	24,492	0.13	1	3,206
Cowichan Valley	2372.14	80,332	3,475	23.12	22	3,651
East Kootenay	750.1	56,685	27,543	2.06	20	2,834
Fraser Valley	6121.1	277,593	13,335	20.82	64	4,337
Fraser-Fort George	1185.39	91,879	50,676	1.81	23	3,995
Kitimat-Stikine	421.11	37,361	104,461	0.36	10	3,736
Kootenay Boundary	631.1	31,138	8,082	3.85	15	2,075
Metro Vancouver	45075.23	2,313,328	2,883	802.4	592	3,908
Mount Waddington	111.51	11,506	20,244	0.57	4	2,877
Nanaimo	4919.43	146,574	2,038	71.92	44	3,331
North Okanogan	1678.63	81,237	7,503	10.83	20	4,062
Northern Rockies	33.8	5,578	85,111	0.07	2	2,789
Okanagan-Similkameen	2090.33	80,742	10,414	7.75	28	2,884
Peace River	430.9	60,082	117,391	0.51	15	4,005
Powell River	145.4	19,906	5,075	3.92	6	3,318
Skeena-Queen Charlotte	128.1	18,784	19,781	0.95	4	4,696
Squamish-Lillooet	492.3	38,170	16,310	2.34	12	3,180
Strathcona	779.1	43,252	18,278	2.37	15	2,883
Sunshine Coast	469.7	28,619	3,777	7.58	9	3,180
Thompson-Nicola	3092.51	128,473	44,448	2.89	30	4,282
TOTAL	93,091.16	4,399,457			1,185	

## Table 1 2013 Collection Location per Capita by Regional Districts

## 8. SUMMARY OF DEPOSITS, REFUNDS, REVENUES AND EXPENDITURES

Reference: Recycling Regulation – Part 2, Section 8(2)

n/a

## 9. PLAN PERFORMANCE

## A) HPSA Consumer Awareness Survey (October 2013)

There is currently good awareness of pharmacy disposal options for unwanted medications in British Columbia with room to improve. There is a strong public willingness to participate in these programs once residents are made aware of their existence. No evident barriers have been identified to participation. Experiences with the returns program so far have been very positive. There have been significant improvements in many areas since 2010. Awareness is generally higher among women and older people, but there are no significant differences among regions of the province.

#### Awareness

- Eighty-seven percent of British Columbians report that they have medications in their home. This is consistent with findings in 2010 and 2007.
- Just over one-quarter of British Columbians (27%) report that they have medications in their home which are no longer needed. This is similar to the proportion who reported this situation in 2007 (25%), and slightly lower than the 30% who said they had unwanted medications in 2010. There are no significant demographic or regional trends discernible in these results.
- Top-of-mind awareness of pharmacy disposal for unwanted medications is now 58% in British Columbia, up significantly from 48% in 2010 and 31% in 2007. There has been a corresponding decrease in the percentage of British Columbians who cannot suggest any disposal location, down by almost half from 64% in 2007 to 36% in 2013.
- When British Columbians are asked directly whether medications may be returned to a pharmacy, 71% say this is true. This represents a marked increase in awareness, up 11 points from 2010 (60%) and up 26 points since 2007 (45%).

• Overall awareness that industry stewardship programs allow medications to be returned to pharmacies has grown since 2010 from 51% to 58%.

#### **Past Behaviour**

- As in previous years, about one-third of British Columbians (35%) report that they have disposed of unwanted medications in the previous six months.
- There has been an increase in the proportion of British Columbians who disposed of unwanted medications who say they returned them to a pharmacy. This percentage has more than doubled from 21% in 2007 to 57% in 2013. There has been corresponding declines in the proportion who report that they disposed of medications in the garbage (from 60% to 34%) and the proportion who say they used their household drains (from 19% to 10%).
- Among those who disposed of their medications at a pharmacy, 93% found it convenient and 98% were satisfied with the experience.

#### **Future Behaviour**

- When asked how they would dispose of unwanted medications in the future, 49% of British Columbians say they would return them to a pharmacy. This is up 6 points from 43% in 2010 and up 25 points from 24% in 2007. Intentions to dispose of unwanted medications in the garbage have declined from 52% in 2007 to 30% in 2013. While 23% said they would use the household drains in 2007, that figure has since declined to 10%.
- If unwanted medications could be returned to pharmacies, 89% of British Columbians say they would be likely to do so.
- While the majority of British Columbians have never identified any significant barriers to disposing of unwanted medications at a pharmacy (once they are aware of this option), there has been a decrease over time in the percentage who say they would be discouraged by the inconvenience.

## **B) SABC: Benchmark Study Measuring Consumer Awareness Levels**

#### Consumers' awareness

- Awareness that programs exist to safely and correctly take care of the products vary highly by category from a high of 96% of all adults 18 years or older in BC to a low of 24%. These varying levels appear to relate to a number of factors:
  - Those products taken care of by programs that are of greater maturity tend to have higher levels of awareness.
  - Those products that have the most wide-spread use among British Columbians (according to their own self report of current usage) also tend to have higher levels of awareness.
  - Those products that have shorter "life cycles" (length of time the product is used for and frequency of which the product needs to be replaced and disposed of) also tend to have higher levels of awareness.

#### Participation in the program

- "Users" of a product are considered be those who either currently have or at some time in the past have had the product in need of disposal (being unwanted, obsolete, broken, expired, empty etc.)
- Program participation among users of each program also varies highly, from a high of 93% of users of the product (as defined above) to a low of 19%.
- Levels of program participation (like with program awareness) are related to program maturity, product usage and product life cycles those of longer maturity, more wide-spread usage and shorter lifecycles also tend to have higher levels of participation

#### Level of understanding

• If they needed to look for information the majority of British Columbian adults know where to go if they want to find out:

Collection facility locations, where to take the products.

- Levels of understanding vary by product category:
  - Between 50% and 86% understand where to find information as to whether the program exists, products that can be recycled or taken care of safely.
  - From 54% to 83% understand where to find collection facility locations or where to take the products.

#### Level of convenience

• The majority of British Columbian adults (aware and able to answer) consider the programs to be convenient for all product categories.

#### Level of trust

•

- A very large majority of British Columbian adults (aware and answered) trust the programs.
- The perceived trust the products are being recycled or disposed of safely ranges from 82% to 97%.
- The perceived level of convenience of the programs & collection facilities varies from 62% to 96%.

# 10. THIRD PARTY ASSURANCE REQUIREMENTS FOR NON-FINANCIAL INFORMATION

HPSA has the following elements of third-party assurance requirements for non-financial audits (See Appendix 5):

- The number and location of collection facilities;
- Total amount of product sold and collected; and
- Management of product collected in accordance with the pollution prevention hierarchy.

HPSA prepares annual audited statement for all three of these core elements that verify the mass balance of materials in aggregate as they flow in through the "chain of custody" as follows:

- A community pharmacy registered in the HPSA program is typically scheduled on a service frequency based upon their historical waste generation. The pharmacy may also initiate a request for pickup to HPSA.
- A truck is dispatched to the pharmacy to pick up the HPSA pail of medications.
- At the pharmacy the driver affixes a bar code label to each HPSA collection container and uses a handheld device to scan that barcode.
- The driver leaves the desired amount of replacement container(s) with a receipt from the Driver's handheld device documenting the number of waste containers collected and the supply of new collection containers.
- The driver estimates the weight of the medications pail and records it on a bill of lading/manifest document.
- The medications pail is delivered to an approved transfer and processing facility where each container's bar code is scanned to validate receipt and ensure the number of containers collected at each pharmacy is equal to the number of containers received at the facility.
- HPSA medications pails collected from other sites are consolidated and weighed, manifested and shipped to an HPSA approved disposal facility.
- At the disposal facility, the medications are weighed to verify the received weight, incinerated and a Certificate of Destruction is provided to HPSA.

## Appendix 1 Website links

Regional Districts	Website	Annual Calendars	Link to HPSA
Alberni - Clayoquat	yes		yes
Bulkley - Nechako	yes		yes
Capital	yes		yes
Cariboo	yes		yes
Central Kootenay	yes		yes
Central Okanagan	yes	yes	yes
Columbia Shuswap	yes		yes
Comox-Strathcona	yes		yes
Cowichan Valley	yes		
East Kootenay		Invermere	
Fraser - Fort George	yes		yes
Fraser Valley	yes	Mission, Chilliwack	yes
Metro Vancouver	yes		yes
Central Coast			
Kitimat - Stikine	yes		yes
Kootenay Boundary		yes	
Mount Waddington			yes
Nanaimo	yes		yes
North Okanagan	Partial		
Northern Rockies		yes	
Okanagan - Similkameen	yes	Penticton	yes
Peace River	yes	yes	yes
Powell River		yes	yes
Skeena-Queen Charlotte			
Squamish-Lillooet			
Strachcona			yes
Sunshine Coast	yes		yes
Thompson-Nicola		yes	

## Appendix 2 Regional District Summary Report

District	Collected (kgs)	Population	Per Capita
Alberni-Clayoquot	482.3	31,061.00	0.0155
Bulkley-Nechako	562.31	39,208.00	0.0143
Capital	11712.97	359,991.00	0.0325
Cariboo	944.15	62,392.00	0.0151
Central Kootenay	1465.03	58,441.00	0.0251
Central Okanagan	4826.76	179,839.00	0.0268
Columbia-Shuswap	822.4	50,512.00	0.0163
Comox Valley	1270.05	63,568.00	0.0200
Courtenay	77.31	3,206.00	0.0241
Cowichan Valley	2372.14	80,332.00	0.0295
East Kootenay	750.1	56,685.00	0.0132
Fraser Valley	6121.1	277,593.00	0.0221
Fraser-Fort George	1185.39	91,879.00	0.0129
Kitimat-Stikine	421.11	37,361.00	0.0113
Kootenay Boundary	631.1	31,138.00	0.0203
Metro Vancouver	45075.23	2,313,328.00	0.0195
Mount Waddington	111.51	11,506.00	0.0097
Nanaimo	4919.43	146,574.00	0.0336
North Okanogan	1678.63	81,237.00	0.0207
Northern Rockies	33.8	5,578.00	0.0061
Okanagan-Similkameen	2090.33	80,742.00	0.0259
Peace River	430.9	60,082.00	0.0072
Powell River	145.4	19,906.00	0.0073
Skeena-Queen Charlotte	128.1	18,784.00	0.0068
Squamish-Lillooet	492.3	38,170.00	0.0129
Strathcona	779.1	43,252.00	0.0180
Sunshine Coast	469.7	28,619.00	0.0164
Thompson-Nicola	3092.51	128,473.00	0.0241
Total	93,091.16	4,399,457.00	0.0212

## Appendix 3 BC Pharmacist Newsletter

# BCMRP Newsletter for Pharmacist

The Ambassador Teams canvased the province to gather program-specific feedback from government representatives and pharmacists involved with our programs. All comments made during a site visit we're directed to the national office and provide an opportunity to improve services.



Some of the comments that have been reported are:

Scheduled Pick-Ups: Driver shows up unannounced or before the scheduled date.

<u>Pick-Ups</u>: Drivers do not bring enough bins which leads to pile ups in the pharmacy

Return of medications: People return medication in original packaging and ends up being more work for the staff. \*

Return of medications: Customers returning needles in medications containers. \*

\*\*HPSA is addressing pick-up issues with our service provider Stericycle. We are also reminding the public to remove all extra packaging as well as not to include other products such as sharps devices with their returns. If you have other issues please contact us at 613-723-7282 or send us an email at info@heakhateward.ca.

#### Important Facts

Where recycling options are not available, containers are disposed through the regular waste stream and not through this program.

All expired stock and solid chemicals used for making compounds are not part of the Medications Return Program.

Containers should weigh at least 15kg.

#### Frequent asked questions by pharmacists:

Q: How much will it cost me to order some promotional material?

A: The promotional material is free of charge, with the promo order form (you can find it on our website under "Collections" and respective province "British-Columbia") Fill out the promo order form and fax it to 1.866.783.7432 or by email at customercarebol@stericvde.com

Q: Do I have to order everything figuring on the Promo Order form?

A: No you may pick and choose which materials will be most useful for your clientele, note that the bookmarks are also available in Punjabi and Traditional Chinese.

Q: Will the pharmacist and pharmacy staff get remunerated?

A: No, these programs rely on voluntary participation from pharmacists. We hope to be able to continue to rely on your cooperation while we expand in other provinces and add sharps devices (Ontario only)



A sticker indicating your participation in the BCMRP is available. You can order stickers with your next pick-up or use the promo order form available on our website.

#### National Prescription Drop Off day

British Columbia had its first ever National Prescription Drop Off day on May 11<sup>th</sup>. The event was such a success that police extended the support throughout the week up until the 17<sup>th</sup> of May. The RCMP detachments across B.C., including Ridge Meadows detachment, accepted the public's take backs during regular detachments hours.



#### Annual Report

We increased the quantity of products returned per capita from 0.0134 to 0.0189 kg representing an increase (26%) in collection or 87,358kg\* returned for disposal. The highest rate of return is Powell River at .0321kg followed by Nanaimo at .0291kg; the lowest rate is Kitimat-Stikine at .0076kg.



To consult the full annual report please visit our website <u>www.healthstewards.cr</u> under "Collection" followed by selecting "British Columbia" from the drop-down menu.

## **Appendix 4 Collection Locations**

#### **Pharmacy Name**

Aarosons Pharmacy Abbott (renuka)Pharmacy Ltd Ackroyd Pharmacy Agassiz Pharmacy Alberto Pharmacy #1 Alberto Pharmacy No2 All Care Pharmacy Alouette Pharmacy Anchor Compounding Pharmacy Andreens Lakeview Pharmacy Anitas Pharmacy Apple Pharmacy Armstrong Pharm & Wellness Ctr Askews Pharmacy **Barrys Drugs Blueridge Pharmacy** Bond Street Pharmacy **Bonsor Pharmacy Bridge Pharmacy** Broadway Pharmacy Ltd **Bula Pharmacy** Cadboro Bay Peoples Pharmacy Calea Pharmacy Cambell River HLTH & Drug Stre **Campus Medicine Ctr Pharmacy** Canpharm Drugs Care In Motion Pharmacy **Carepoint Pharmacy Cates Medicine Centre** Cedar Park Pharmacy Central Drug **Central Drug Store Central Drugs Central Drugs** Central Drugs-Beban Plaza **Central Park Pharmacy Central Pharmacy Chester Pharmacy Choices Pharmacy City Centre Pharmacy Clinic Drugstore Cloud Pharmacy Columbia Prescription Xpress** Columbia Street Pharmacy **Continental Pharmacy Coolaid Dispensary** Cooper's Food Pharmacy #110 Coopers Foods Pharmacy #160 Corning Drugs Ltd #1 Corning Pharmacy #2 Costco Pharmacy #051 Costco Pharmacy #054 Costco Pharmacy #055

Costco Pharmacy #059 Costco Pharmacy #1092 Costco Pharmacy #155 Costco Pharmacy #158 Costco Pharmacy #161 Costco Pharmacy #163 Costco Pharmacy #255 Costco Pharmacy #256 Costco Pharmacy #259 Costco Pharmacy #548 Costco Pharmacy #552 Costless Pharmacy Cridge Family Pharmacy Crystal Pharm & Medical Supply **Davies Prescriptions-St George Delta Prescription Clinic** Downtown Clinic Pharmacy Drug Trading #501693 Drug Trading #501761 Drug Trading #501928 Drug Trading #501952 Drug Trading #502806 Drug Trading #502907 Drug Trading #503008 Drug Trading #532258 Drug Trading #532890 Drug Trading #533597 Drug Trading #533777 Drug Trading #533845 Drug Trading #533968 Drug Trading #534510 Drug Trading #538503 Drug Trading #538986 Drug Trading #539032 Drug Trading #539548 Drug Trading #540944 Drug Trading #541530 Drug Trading #541888 Drug Trading #541890 Drug Trading #542204 Drug Trading #542283 Drug Trading #542823 Drug Trading #543870 Drug Trading #543892 Drug Trading #544048 Drug Trading #544162 Drug Trading #545321 Drug Trading #545534 Drug Trading #546096 Drug Trading #546232 Drug Trading #546928 Drug Trading #547435 Drug Trading #548223 Drug Trading #548370

Drug Trading #548965 Drug Trading #549191 Drug Trading #549202 Drug Trading #549213 Drug Trading #549437 Drug Trading #549472 Drug Trading #549504 Drug Trading #549832 Drug Trading #550563 Drug Trading #550956 Drug Trading #551035 Drug Trading #551417 Drug Trading #552264 Drug Trading #553533 Drug Trading #554185 Drug Trading #554466 Drug Trading #555243 Drugstore Pharmacy #1517 Drugstore Pharmacy #1518 Drugstore Pharmacy #1519 Drugstore Pharmacy #1521 Drugstore Pharmacy #1524 Drugstore Pharmacy #1525 Drugstore Pharmacy #1526 Drugstore Pharmacy #1527 Drugstore Pharmacy #1531 Drugstore Pharmacy #1553 Drugstore Pharmacy #1554 Drugstore Pharmacy #1555 Drugstore Pharmacy #1556 Drugstore Pharmacy #1557 Drugstore Pharmacy #1558 Drugstore Pharmacy #1559 Drugstore Pharmacy #1560 Drugstore Pharmacy #1562 Drugstore Pharmacy #1563 Drugstore Pharmacy #6708 Drugstore Pharmacy #6726 Drugstore Pharmacy #6729 Drugstore Pharmacy #6732 Drugstore Pharmacy #6733 Drugstore Pharmacy #6734 Drugstore Pharmacy #8551 Drugstore Pharmacy #8552 Drugstore Pharmacy #8563 Drugstore Pharmacy #8565 Drugstore Pharmacy #8566 Drugstore Pharmacy #8572 Drugstore Pharmacy #8574 Drugstore Pharmacy #8576 Drugstore Pharmacy #8578 Drugstore Pharmacy #8579 Drugstore Pharmacy #8580 Drugstore Pharmacy #8581

Drugstore Pharmacy #8582 Drugstore Pharmacy #8583 Drugstore Pharmacy #8585 Drugstore Pharmacy #8585 Drugstore Pharmacy #8588 Drugstore Pharmacy #9047 Dycks Medicine Centre-Gordon Dycks Medicine Ctr Springfield Dycks Medicine Ctr St Pauls299 **Dycks Pharmacists** East End Pharmacy Eastside Pharmacy Ltd **Edmonds Pharmadrugs Elements Compounding Pharmacy ESQ-Westshore Health Unit VIHA Estevan Pharmacy Limited Evergreen Pharmacy** Fairway Drug Mart Family Care Pharmacy Family Care Pharmacy #3 Family Care Pharmacy #4 Finlandia Pharmacy Fort Royal Pharmacy Fort St John Phrm&Wellness Ctr Fraser Heights Pharmacy Ltd Fraser Lake Medicine Centre **Fraser Pharmacy** Fraserview Pharmacy Ltd Front Street Pharmacy Fruitvale Pharmacy (2003) Ltd Gain Pharmacy Garlane Pharmacy #1 Garlane Pharmacy #2 **Garlane Prescriptions** Gateway Pharmacy **Gladwin Pharmacy** Glen Pharmacy Glover Medicine Ctr Pharmacy Glovers Medicine Centre Pharma **Golden Ears Pharmacy** Golden Life Pharmacy **Gonzales** Pharmacy Good Health Pharmacy Gourlays Golden Pharmacy Grays Compounding Remedy RX Grove Pharmacy Haney Pharmacy Hart Drug Mart Harvard Pharmacv Harvest Drive Pharmacy Hastings Pharmacy HealthPlus Pharmacy Healthside Pharmacy High Gate pharmacy Ltd

Hogarths Clinic Pharmacy Ltd Hollyburn Medicine Ctr Pharm Home and Community Care Hope Pharmacy Howe Sound Pharmacy Ltd Howe Street Pharmacy Ideal Drug Mart Ltd IGS Value Drug Mart **IHS Pharmacy** Imperial Pharmacy Ingram Clinic Pharmacy Isand Pharmacy #06 Island Crisis Care Society Island Pharmacy #08 Jeffs IDA Pharmacy Jubilee Pharmacy Ltd Kaslo drugs (1980) Ltd Kerrisdale Pharmacy King George Medic Pharmacy **Kipp-Mallery Pharmacy Knights Medicine Centre Knowltons Drugstore** Kootenay Boundary Reg Hosp Phm Kornak & Hamms Pharmacy **Kripps Pharmacy** Krolls Surrey Pharmacy Ltd La Vie Remedys Pharmacy Lakeside Medicine Centre Lallicare Pharmacy #1 Lallicare Pharmacy #2 Lambert-Kipp Pharmacy Ltd Lancaster Medi Suppl & Presc 1 Lancaster Medi Suppl & Presc 4 Lancaster Prescriptions #2 Langdon Pharmacy Laurel Prescriptions Linda Pharmacy Lions Gate Pharmacy Living Room Pharmacy Loblaw Pharmacy #1520 Loblaw Pharmacy #1522 Loblaw Pharmacy #1523 Loblaw Pharmacy #1528 Loblaw Pharmacy #1532 Loblaw Pharmacy #1552 Loblaw Pharmacy #1561 Loblaw Pharmacy #1564 Loblaw Pharmacy #4368 Loblaw Pharmacy #4369 Loblaw Pharmacy #4590 Loblaw Pharmacy #4969 Loblaw Pharmacy #4979 Loblaw Pharmacy (T&T Market) Locks Prescription Pharma Ltd London Drugs #02 London Drugs #03 London Drugs #04 London Drugs #05

London Drugs #06 London Drugs #07 London Drugs #08 London Drugs #09 London Drugs #10 London Drugs #11 London Drugs #12 London Drugs #14 London Drugs #15 London Drugs #16 - Clearbrook London Drugs #17 London Drugs #18 London Drugs #19 London Drugs #25 London Drugs #28 London Drugs #29 London Drugs #35 London Drugs #36 London Drugs #37 London Drugs #39 London Drugs #41 London Drugs #42 London Drugs #44 London Drugs #46 London Drugs #47 London Drugs #50 London Drugs #51 London Drugs #52 London Drugs #53 London Drugs #54 London Drugs #55 London Drugs #56 London Drugs #61 London Drugs #67 London Drugs #70 London Drugs #72 London Drugs #73 London Drugs #74 London Drugs #75 London Drugs #76 London Drugs #77 London Drugs #78 London Drugs #80 London Drugs #81 London Drugs #82 London Drugs #85 London Drugs 71-Marine & Byrne Low Cost Western pharmacy Low Cost Western Pharmacy #2 Lynnvalley Pharmacy MacDonalds Prescriptions #3 MacDonalds Prescriptions #4 Macdonalds Prescriptions #5 MacDonalds Prescriptions Ltd Main Prescriptions Main Station Pharmacy Main Street Remedys RX Mandasi Pharmacy

Manshadi Pharmacy #2 Maple Pharmacy Marina Pharmacy Marks Pharmacy Marks Pharmacy #4 Marks Pharmacy #5 Marmar Pharmacy Marshall Pharmacy Ltd McCallum Pharmacy McCue Drugs McKesson Spclty Prescript Svcs Meadows Pharmacy Medical Centre Pharmacy **Medical Centre Prescriptions** Medical Pharmacy Medicare Pharmacy Medicine Centre #4 Medicine Guru Pharmacy #2 Medicine Shoppe #116 Medicine Shoppe #142 (The) Medicine Shoppe #148 Medicine Shoppe #149 Medicine Shoppe #156 Medicine Shoppe #163 Medicine Shoppe #168 Medicine Shoppe #175 (The) Medicine Shoppe #195 Medicine Shoppe #221 Medicine Shoppe #231(The) Medicine Shoppe #239 Medicine Shoppe #240 Medicine Shoppe #253 Medicine Shoppe #254 Medicine Shoppe #255 Medicine Shoppe #259 Medicine Shoppe #268 Medicine Shoppe #281 Medicine Shoppe #285 Medicine Shoppe #292 Medicine Shoppe #309 Medicine Shoppe #312 Medicine Shoppe #321 Medicine Shoppe #325 Medicine Shoppe #332 Medicine Shoppe #350 Medicine Shoppe Pharmacy #169 Mediglen Pharmacy Medis Pharmacy Medisave Pharmacy #1 Medisave Pharmacy #3 Medisave Pharmacy #4 Medisave Pharmacy #5 Medisave Pharmacy #6 Medisave Pharmacy #7 Medisystem Pharmacy Medlandia Compounding Pharmacy Memorial Compounding Medic Ctr Minoru Pharmacy MJS Natural Pharmacy MJ's Natural Pharmacy #3 MJs Natural Pharmacy no 2 Morgan Creek Medicine Centre Murrayville Healthcentre Pharm Nanaimo Home & Community Care Nanaimo Pharmacy Nanoose Medicine Centre Naomi Pharmacy Natural Choice Pharmacy Naz's Pharmacy #3 Nazs Prescription Plus Pharm 2 Nazs Prescription Plus Pharma Nesters Pharmacy New Life Pharmacy New West Drugs Newton Pharmacy Nolans Clinic Pharmacy Nolans Pharmasave drugs #222 North Fraser Drugs North West Pharmacy Northburn Prescriptions Ltd Northmount Pharmacy Ltd Nucare Pharmacy Oak Bay Health Unit **Oakridge South Tower Pharmacy** Ocean Walk Pharmacy Okanagan Resident Plus Pharma Oliver Remedy Rx Pharmacy **Omnicare Pharmacy** Otter Co-op Pharmacy **Out Reach Pharmacy** Overwaitea Foods & Drugs #70 Overwaitea Pharm 21 Frt Nelson Overwaitea Pharmacy #16 Overwaitea Pharmacy #219 Overwaitea Pharmacy #24 Overwaitea Pharmacy #34 Owl Drugs P & A Pharmacy Ltd Pacific Compounding Pharma #2 Pacific Compounding Pharmacy Pacific Pharm & Medical Spls 2 Pacific Prescript & Medcl Sply Paragon Central Fill Pharmacy Park Pacific Pharmacy PDC Pharmacy Pender Island Pharmacy Peninsula Health Unit Peoples Drug Mart #027 Peoples Drug Mart #029 Peoples Drug Mart #043 Peoples Drug Mart #067 Peoples Drug Mart #072 Peoples Drug Mart #076 Peoples Drug Mart #077

Peoples Drug Mart #093 Peoples Drug Mart #110 Peoples Drug Mart #119 Peoples Drug Mart #122 Peoples Drug Mart #123 Peoples Drug Mart #128 Peoples Drug Mart #134 Peoples Drug Mart #135 Peoples Drug Mart #137 Peoples Drug Mart #139 Peoples Drug mart #146 Peoples Drug Mart #147 Peoples Drug Mart #168 Peoples Drug Mart #175 Peoples Drug Mart #180 Peoples Drug Mart #188 Peoples Drug Mart #193 Peoples Drug Mart #317 Peoples Drug Mart #334 Peoples Drug Mart #347 Peoples Drug Mart #365 Peoples Pharmacy #057 Peoples Pharmacy #301 Peoples Pharmacy #303 Peoples Pharmacy #316 Peoples Pharmacy #321 Peoples Pharmacy #344 Peoples Pharmacy #356 Peoples Pharmacy #357 Peoples Pharmacy #367 Peoples Pharmacy #372 Peoples Pharmacy #374 Peoples Pharmacy #379 Peoples Pharmacy #380 Peoples Pharmacy #388 **Pharmacists Clinic Pharmacity Drugstore** Pharmacity Drugstore #2 Pharmasave #006 Pharmasave #009 Pharmasave #028 Pharmasave #031 Pharmasave #032 Pharmasave #034 Pharmasave #037 (Cambie) Pharmasave #041 Pharmasave #042 Pharmasave #043 Pharmasave #056 Pharmasave #057 Pharmasave #059 Pharmasave #060 Pharmasave #063 Pharmasave #065 Pharmasave #066 Pharmasave #071 Pharmasave #072 Pharmasave #073

Pharmasave #077 Pharmasave #078 Pharmasave #081 Pharmasave #082 Pharmasave #084 Pharmasave #086 Pharmasave #088 Pharmasave #089 Pharmasave #092 Pharmasave #095 Pharmasave #096 Pharmasave #097 Pharmasave #098 Pharmasave #099 Pharmasave #100 Pharmasave #102 Pharmasave #105 Pharmasave #106 Pharmasave #107 Pharmasave #108 Pharmasave #115 Pharmasave #129 Pharmasave #139 Pharmasave #148 Pharmasave #151 Pharmasave #154 Pharmasave #158(Now Peoples) Pharmasave #162 Pharmasave #178 Pharmasave #179 Pharmasave #182 Pharmasave #183 Pharmasave #190 Pharmasave #198 Pharmasave #202 Pharmasave #203 Pharmasave #205 Pharmasave #206 Pharmasave #211 Pharmasave #213 Pharmasave #214 Pharmasave #221 Pharmasave #231 Pharmasave #232 Pharmasave #241 Pharmasave #242 Pharmasave #244 Pharmasave #246 Pharmasave #248 Pharmasave #249 Pharmasave #250 Pharmasave #253 Pharmasave #255 Pharmasave #257 Pharmasave #260 Pharmasave #264 Pharmasave #265 Pharmasave #267

Pharmasave #270 Pharmasave #274 Pharmasave #275 Pharmasave #278 Pharmasave #280 Pharmasave #282 Pharmasave #284 Pharmasave #285 Pharmasave #286 Pharmasave #287 Pharmasave #290 Pharmasave #292 Pharmasave #298 Pharmasave #299 Pharmasave & Food #142 Pharmasave 008 - Diamond Drugs Pharmasave Ganges #120 Pharmasave Health Centre #001 Pharmasave Health Centre #002 Pharmasave Health Centre #003 Pharmasave Health Centre #007 Pharmasave Health Centre #010 Pharmasave Health Centre #011 Pharmasave Health Centre #015 Pharmasave Health Centre #016 Pharmasave Health Centre #020 Pharmasave Health Centre #022 Pharmasave Health Centre #024 Pharmasave Health Centre #027 Pharmasave Health Centre #029 Pharmasave Health Centre #030 Pharmasave Health Centre #038 Pharmasave Health Centre #050 Pharmasave Health Centre #051 Pharmasave Health Centre #052 Pharmasave Health Centre #053 Pharmasave Health Centre #054 Pharmasave Health Centre #058 Pharmasave Health Centre #061 Pharmasave Health Centre #064 Pharmasave Health Centre #080 Pharmasave Health Centre #207 Pharmasave HIth Ctr #049 Pharmasave James Bay #130 Pharmasave Oak Bay #152 Pharmasave Scott Town #167 Pharmatrust Pharmacy Pharmawest Pharmacy Pharmax Health Pharmcity Drugs #3 Pharmsave 045 Newport Village Phoenix Dispensary Ltd PHS Labpharma Point Grey Pharmacy Pratts Compounding Pharmacy Prescription Hlth Studio Inc Pricesmart #2218 Pricesmart Foods Pharma #2208

Pricesmart Foods Pharma #2213 Pricesmart Foods Pharma #2215 Pricesmart Foods Pharma #2221 Pricesmart Foods Pharma #2228 Pricesmart Foods Pharma #2240 Pricesmart Foods Pharma #2242 PriceSmart Foods Pharma #2249 PriceSmart Foods Pharma #2256 Pricesmart Foods Pharma #2274 Pricesmart Foods Pharmacy 2207 Pricesmart Foods Pharmacy 2263 Pricesmart Foods Pharmacy#2235 **Prosper Pharmacy Prostate Centre** Pure Integrative Pharmacy Pure Integrative Pharmacy **Pure Integrative Pharmacy** Pure Integrative Pharmacy #01 Pure Integrative Pharmacy #10 Pure Integrative Pharmacy #11 Pure Integrative Pharmacy #12 Pure Integrative Pharmacy #13 Pure Integrative Pharmacy #14 Pure Integrative Pharmacy #16 Pure Integrative Pharmacy #6 Pure Integrative Pharmacy #7 Pure Integrative Pharmacy #8 Pure Integrative Pharmacy #9 Pure Integrative Pharmacy#4 Quadra Maple Pharmacy Qualicum Medicine Centre Queensborough Community Pharma **REACH** Centre Regency #6 Medicine Centre **Regency Medicine Centre Regency Prescriptions #1 Regency Prescriptions #3 Reids Prescriptions** Remedy RX 366 Remedy's Pharmacy 369 Remedy's RX 261 Remedy's RX 367 **Resident Plus Pharmacy** Rexall Drug Store #7104 Rexall Drug Store #7106 Rexall Drug Store #7109 Rexall Drug Store #7110 Rexall Drug Store #7114 Rexall Drug Store #7117 Rexall Drug Store #7122 Rexall Drug Store #7154 Rexall Drug Store #7157 Rexall Drug Store #7158 Rexall Drug Store #7159 Rexall Drug Store #7160 Rexall Drug Store #7161 Rexall Drug Store #7164

Rexall Drug Store #7181 Rexall Drug Store #7182 Rexall Drug Store #7185 Rexall Drug Store #7187 Rexall Drug Store #7191 Rexall Drug Store #7193 Rexall Drug Store #7194 Rexall Drugstore # 7121 Rexall Drugstore # 7125 Rexall Drugstore # 7177 Rexall Drugstore #7102 Rexall Drugstore #7103 Rexall Drugstore #7107 Rexall Drugstore #7111 Rexall Drugstore #7113 Rexall Drugstore #7116 Rexall Drugstore #7123 Rexall Drugstore #7129 Rexall Drugstore #7133 Rexall Drugstore #7152 Rexall Drugstore #7180 Rexall Drugstore 7139 Sooke Rd Rexall Drugstore Royal Ctr Rexall Drugstr 7150 Meditrust **Richport Pharmacy Ridegeway Pharmacy Remedy RX Robins Pharmacy Roots Pharmacy** Royal Oak Drugs Ltd Royal Oak Health Unit **RX R US Pharmacy RX Ram Pharmacy Specialists Rx Save Pharmacy** Safeway Food & Drug Pharma #1 Safeway Food & Drug Pharma #1 Safeway Food & Drug Pharma 110 Safeway Food & Drug Pharma 123 Safeway Food & Drug- Pharma 14 Safeway Food & Drug Pharma 144 Safeway Food & Drug Pharma 182 Safeway Food & Drug Pharma 196 Safeway Food & Drug - Pharma 36 Safeway Food & Drug -Pharma 38 Safeway Food & Drug - Pharma 39 Safeway Food & Drug -Pharma 48 Safeway Food & Drug- Pharma 69 Safeway Food & Drug -Pharma 70 Safeway Food & Drug Pharma 819 Safeway Food & Drug Pharma#007 Safeway Food & Drug Pharma#082 Safeway Food & Drug Pharma#153 Safeway Food & Drug-Pharma 62 Safeway Food & Drug-Pharma #2 Safeway Food & Drug-Pharma #20 Safeway Food & Drug-Pharma #23 Safeway Food & Drug-Pharma #24 Safeway Food & Drug-Pharma #33 Safeway Food & Drug-Pharma #42

Safeway Food & Drug-Pharma #43 Safeway Food & Drug-Pharma #44 Safeway Food & Drug-Pharma #58 Safeway Food & Drug-Pharma #59 Safeway Food & Drug-Pharma #61 Safeway Food & Drug-Pharma #66 Safeway Food & Drug-Pharma #67 Safeway Food & Drug-Pharma #71 Safeway Food & Drug-Pharma #76 Safeway Food & Drug-Pharma #78 Safeway Food & Drug-Pharma #80 Safeway Food & Drug-Pharma #84 Safeway Food & Drug-Pharma #88 Safeway Food & Drug-Pharma #89 Safeway Food & Drug-Pharma #90 Safeway Food & Drug-Pharma #92 Safeway Food & Drug-Pharma #93 Safeway Food & Drug-Pharma #98 Safeway Food & Drug-Pharma #99 Safeway Food & Drug-Pharma 109 Safeway Food & Drug-Pharma 114 Safeway Food & Drug-Pharma 115 Safeway Food & Drug-Pharma 118 Safeway Food & Drug-Pharma 121 Safeway Food & Drug-Pharma 126 Safeway Food & Drug-Pharma 127 Safeway Food & Drug-Pharma 133 Safeway Food & Drug-Pharma 138 Safeway Food & Drug-Pharma 140 Safeway Food & Drug-Pharma 148 Safeway Food & Drug-Pharma 159 Safeway Food & Drug-Pharma 161 Safeway Food & Drug-Pharma 162 Safeway Food & Drug-Pharma 165 Safeway Food & Drug-Pharma 170 Safeway Food & Drug-Pharma 171 Safeway Food & Drug-Pharma 184 Safeway Food & Drug-Pharma 189 Safeway Food & Drug-Pharma 191 Safeway Food & Drug-Pharma 193 Safeway Food & Drug-Pharma 195 Safeway Food & Drug-Pharma 198 Safeway Food & DrugPharma 2271 Safeway Food & Drug-Pharma 820 Safeway Food & Drug-Pharma#142 Safeway Food & Drug-Pharma#185 Safeway Food & DrugPharmcay 47 Saigon Pharmacy Salmon Arm Prescription Centre Sams Pharmacy Satnam Pharmacy Save On Foods Pharmacy #981 Save-On Food & Drugs #97 Save-On Food & Drugs #972 Save-On Foods & Drugs #973 Save-On Foods and Drugs #935-E SaveOn Foods Pharm 989 LynVlly

Save-On Foods Pharmacy #952

Save-On Foods Pharmacy #956 Save-On Foods Pharmacy #975 SaveOn Foods Phrm 959FrenchCrk SaveOnfoods Pharm 932Lakeshore SaveOnFoods Pharm 948Woodgrove

SaveOnFoods Pharm 968Hart Hwy SaveOnfoods Pharm 969Ironwood SaveOnFoods Pharma 931Shahali SaveOnFoods Pharma 977Saanich Save-On-Foods Pharmacv #902 Save-On-Foods Pharmacy #903 Save-On-Foods Pharmacy #904 Save-On-Foods Pharmacy #907 Save-On-Foods Pharmacy #910 Save-On-Foods Pharmacy #915 Save-On-Foods Pharmacy #920 Save-On-Foods Pharmacy #927 Save-On-Foods Pharmacy #928-W Save-On-Foods Pharmacy #929 Save-On-Foods Pharmacy #936 Save-On-Foods Pharmacy #937 Save-On-Foods Pharmacy #946 Save-On-Foods Pharmacy #955 Save-On-Foods Pharmacy #957 Save-On-Foods Pharmacy #962 Save-On-Foods Pharmacy #963 Save-On-Foods Pharmacy #966 Save-On-Foods Pharmacy #979 Save-On-Foods Pharmacy #980 Save-On-Foods Pharmacy #983 Save-On-Foods Pharmacy #987 Save-On-Foods Pharmacy #988 Save-On-Foods Pharmacy #990 Save-On-Foods Pharmacy #992 Save-On-Foods Pharmacy #993 Save-On-Foods Pharmacy #996 Save-On-Foods Pharmacy #999 SaveOnFoods Phrm 951 Ctry Club SaveOnFoods Phrm 965 ColgeHts SaveOnFoods Phrm 967Spruceland SaveOnFoods&Drugs 984WalnutGrv

Sav-On-foods Pharma 939-Nordel Sav-On-Foods Pharmacy #998 SavOnFoods Phrm949Terminal Prk Service Plus #3 Seymour People Drug Mart #174

Seymour People Drug Mart #174 Shawnigan Lake Peoples Phrm304 Shiraz Pharmacy Shoppers Drug Mart #201 Shoppers Drug Mart #202 Shoppers Drug Mart #203 Shoppers Drug Mart #204 Shoppers Drug Mart #205 Shoppers Drug Mart #208 Shoppers Drug Mart #209 Shoppers Drug Mart #209 Shoppers Drug Mart #2102 Shoppers Drug Mart #2107 Shoppers Drug Mart #2109 Shoppers Drug Mart #211 Shoppers Drug Mart #2113 Shoppers Drug Mart #212 Shoppers Drug Mart #2121 Shoppers Drug Mart #2122 Shoppers Drug Mart #2123 Shoppers Drug Mart #2125 Shoppers Drug Mart #2126 Shoppers Drug Mart #2127 Shoppers Drug Mart #213 Shoppers Drug Mart #2133 Shoppers Drug Mart #2139 Shoppers Drug Mart #214 Shoppers Drug Mart #2141 Shoppers Drug Mart #2143 Shoppers Drug Mart #2150 Shoppers Drug Mart #2151 Shoppers Drug Mart #2152 Shoppers Drug Mart #2153 Shoppers Drug Mart #2155 Shoppers Drug Mart #2156 Shoppers Drug Mart #216 Shoppers Drug Mart #217 Shoppers Drug Mart #219 Shoppers Drug Mart #2200 Shoppers Drug Mart #2201 Shoppers Drug Mart #2203 Shoppers Drug Mart #2204 Shoppers Drug Mart #2205 Shoppers Drug Mart #2207 Shoppers Drug Mart #2208 Shoppers Drug Mart #2209 Shoppers Drug Mart #221 Shoppers Drug Mart #2211 Shoppers Drug Mart #2212 Shoppers Drug Mart #2213 Shoppers Drug Mart #2214 Shoppers Drug Mart #2215 Shoppers Drug Mart #2216 Shoppers Drug Mart #2217 Shoppers Drug Mart #2218 Shoppers Drug Mart #222 Shoppers Drug Mart #2220 Shoppers Drug Mart #2221 Shoppers Drug Mart #2222 Shoppers Drug Mart #2223 Shoppers Drug Mart #2224 Shoppers Drug Mart #2225 Shoppers Drug Mart #2226 Shoppers Drug Mart #223 Shoppers Drug Mart #2231 Shoppers Drug Mart #2234 Shoppers Drug Mart #2235 Shoppers Drug Mart #2236 Shoppers Drug Mart #2237

Shoppers Drug Mart #2238 Shoppers Drug Mart #2239 Shoppers Drug Mart #2243 Shoppers Drug Mart #2244 Shoppers Drug Mart #2246 Shoppers Drug Mart #2248 Shoppers Drug Mart #2249 Shoppers Drug Mart #225 Shoppers Drug Mart #2250 Shoppers Drug Mart #2251 Shoppers Drug Mart #2252 Shoppers Drug Mart #2254 Shoppers Drug Mart #2255 Shoppers Drug Mart #2256 Shoppers Drug Mart #2257 Shoppers Drug Mart #2259 Shoppers Drug Mart #226 Shoppers Drug Mart #2260 Shoppers Drug Mart #2264 Shoppers Drug Mart #2266 Shoppers Drug Mart #2267 Shoppers Drug Mart #227 Shoppers Drug Mart #2270 Shoppers Drug Mart #2271 Shoppers Drug Mart #2273 Shoppers Drug Mart #2275 Shoppers Drug Mart #2276 Shoppers Drug Mart #2277 Shoppers Drug Mart #2279 Shoppers Drug Mart #228 Shoppers Drug Mart #2282 Shoppers Drug Mart #2283 Shoppers Drug Mart #2284 Shoppers Drug Mart #2285 Shoppers Drug Mart #2288 Shoppers Drug Mart #2289 Shoppers Drug Mart #2290 Shoppers Drug Mart #2291 Shoppers Drug Mart #2292 Shoppers Drug Mart #2294 Shoppers Drug Mart #2295 Shoppers Drug Mart #2297 Shoppers Drug Mart #2299 Shoppers Drug Mart #230 Shoppers Drug Mart #231 Shoppers Drug Mart #232 Shoppers Drug Mart #233 Shoppers Drug Mart #234 Shoppers Drug Mart #236 Shoppers Drug Mart #237 Shoppers Drug Mart #238 Shoppers Drug Mart #239 Shoppers Drug Mart #241 Shoppers Drug Mart #242 Shoppers Drug Mart #243 Shoppers Drug Mart #244 Shoppers Drug Mart #246

Shoppers Drug Mart #248 Shoppers Drug Mart #251 Shoppers Drug Mart #252 Shoppers Drug Mart #253 Shoppers Drug Mart #254 Shoppers Drug Mart #255 Shoppers Drug Mart #257 Shoppers Drug Mart #258 Shoppers Drug Mart #260 Shoppers Drug Mart #261 Shoppers Drug Mart #262 Shoppers Drug Mart #263 Shoppers Drug Mart #265 Shoppers Drug Mart #266 Shoppers Drug Mart #267 Shoppers Drug Mart #268 Shoppers Drug Mart #269 Shoppers Drug Mart #271 Shoppers Drug Mart #272 Shoppers Drug Mart #273 Shoppers Drug Mart #274 Shoppers Drug Mart #275 Shoppers Drug Mart #276 Shoppers Drug Mart #277 Shoppers Drug Mart #278 Shoppers Drug Mart #279 Shoppers Drug Mart #280 Shoppers Drug Mart #281 Shoppers Drug Mart #283 Shoppers Drug Mart #285 Shoppers Drug Mart #286 Shoppers Drug Mart #287 Shoppers Drug Mart #288 Shoppers Drug Mart #290 Shoppers Drug Mart #291 Shoppers Drug Mart #3005 Shoppers Drug Mart #3007 Shoppers Drug Mart #3076 Shoppers Drug Mart #6070 Sidney Pharmacy II Silvermere Pharmacy Similkameen Pharmacy Somerset Pharmacy Services Sparwood Remedy RX St Pauls Hospital Sterling Centre Remedy's RX **Steveston Pharmacy** Sukhs Phamacy Sukhs Pharmacy #2 Summerland Medicine Centre Suncoast Pharmacy Sunnyside Evergreen Pharmacy Sunrise Pharmacy Ltd Sunset Pharmacy Limited Super Grocer & Pharmacy Surlang MedCentre **Tabor Pharmacy** 

Target Store #3508 Target Store #3509 Target Store #3512 Target Store #3534 Target Store #3557 Target Store #3575 Target Store #3586 Target Store #3616 Target Store #3617 Target Store #3688 Target Store #3690 Target Store #3698 Target Store #3717 Target Store #3719 Target Store #3739 Target Store #3744 Target Store #3760 The Antidote Pharmacy #001 The Antidote Pharmacy #2 The Chemist # 5 The Chemist #1 The Chemist #2 The Chemist #4 The Chemist #6 The Drive Pharmacy Third Ave Evergreen Pharmacy Thrifty Foods and Pharmacy #06 Thrifty Foods and Pharmacy #10 Thrifty Foods and Pharmacy #13 Thrifty Foods And Pharmacy #16 Thrifty Foods and Pharmacy #19 Thrifty Foods and Pharmacy #20 Thrifty Foods and Pharmacy #23 Thrifty Foods and Pharmacy #24 Thrifty Foods and Pharmacy #25 Thrifty Foods and Pharmacy #27 Thrifty Foods and Pharmacy #28 Thrifty Foods and Pharmacy #29 **Toys Pharmacy** Tux Pharmacy #1 Unicare Pharmacy Universal Pharmacy University Heights Pharmacy University Pharmacy (1987) Ltd Urban Fare Pharma 914-Yaletown Valley Evergreen Pharmacy Value Drug Mart-Grand Forks Vancouver Police Dept Victoria Compounding Pharmacy Victoria Hlth Unit Clinical Ph View Pharmacy Village Pharmacy Viva Med Pharmacy Viva Med Pharmacy #02 Wal-Mart Pharmacy #1011 Wal-Mart Pharmacy #1015 Wal-Mart Pharmacy #1018

Wal-Mart Pharmacy #1036 Wal-Mart Pharmacy #1077 Wal-Mart Pharmacy #1093 Wal-Mart Pharmacy #1100 Wal-Mart Pharmacy #1104 Wal-Mart Pharmacy #1106 Wal-Mart Pharmacy #1112 Wal-Mart Pharmacy #1113 Wal-Mart Pharmacy #1119 Wal-Mart Pharmacy #1143 Wal-Mart Pharmacy #3008 Wal-Mart Pharmacy #3025 Wal-Mart Pharmacy #3040 Wal-Mart Pharmacy #3042 Wal-Mart Pharmacy #3057 Wal-Mart Pharmacy #3059 Wal-Mart Pharmacy #3060 Wal-Mart Pharmacy #3070 Wal-Mart Pharmacy #3072 Wal-Mart Pharmacy #3098 Wal-Mart Pharmacy #3109 Wal-Mart Pharmacy #3158 Wal-Mart Pharmacy #3163 Wal-Mart Pharmacy #3167 Wal-Mart Pharmacy #3169 Wal-Mart Pharmacy #3183 Wal-Mart Pharmacy #3188 Wal-Mart Pharmacy #3199 Wal-Mart Pharmacy #3651 Wal-Mart Pharmacy #3661 Wal-Mart Pharmacy #5776 Wal-Mart Pharmacy #5777 Wal-Mart Pharmacy #5834 Wal-Mart Pharmacy #5838 Wal-Mart Pharmacy #5853 Wellness Pharmacy Wescana Pharmacy #02 Wescana Pharmacy #03 Wescana Pharmacy #04 Wescana Pharmacy #05 Wescana Pharmacy #06 Wescana Pharmacy #07 Wescana Pharmacy #08 Wescana Pharmacy #09 West 10th Medical Pharmacy West Coast Pharmacy West End Medicine Centre Westview Pharmacy Whalley Pharmacy White Clinic Pharmacy Willowbrook Pharmacy Yale Central Pharmacy York Pharmacy Your Community Pharmacy Yyoung Medicine Mart

## Appendix 5 Third Party Independent Report for Non-Financial Information



#### INDEPENDENT AUDITOR'S REPORT TO Health Products Stewardship Association

We have audited the following Sections within Health Products Stewardship Association's (the "Stewardship Agency") Annual Report for the year ended December 31, 2013 (together the "Subject Matter"):

- Section #1 collection facilities;
- Section #2 Product sold and collected

The objective of this Report is to disclose how the Stewardship Agency's management has discharged its responsibility to report on the Subject Matter in accordance with Sections 8(2)(b), (d) and (e) of the Recycling Regulation.

The Subject Matter is the responsibility of the Stewardship Agency's management who has prepared the Subject Matter in accordance with the evaluation criteria which are an integral part of the Subject Matter. Our responsibility is to express an opinion on this Subject Matter based on our audit. Our audit does not constitute a legal determination on the Stewardship Agency's compliance with the Recycling Regulation.

#### EVALUATION CRITERIA

The suitability of the evaluation criteria is the responsibility of management. The evaluation criteria presented in Attachment 1 are an integral part of the Subject Matter and address the relevance, completeness, reliability, neutrality and understandability of the Subject Matter.

#### SCOPE OF THE AUDIT

We carried out our audit in accordance with the International Standard on Assurance Engagements 3000 (ISAE 3000) published by the International Federation of Accountants. This Standard requires, amongst others, that the assurance team possesses the specific knowledge, skills and professional competencies needed to understand and audit the information included within the Subject Matter, and that they comply with specific requirements to ensure their independence.

An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the Subject Matter. An audit also includes assessing the evaluation criteria used and significant estimates made by management, as well as evaluation overall presentation of the Subject Matter. The main elements of our work are presented in Attachment 1.

205 Catherine Street, Suite 200 Ottawa, ON K2P 1C3 - T 613 562 2010 - F 613 562 2012 - www.ohcd.ca

#### OPINION

In our opinion, the Subject Matter within the Stewardship Agency's Annual Report for Report for the year ended December 31, 2013 presents fairly in accordance with the evaluation criteria, in all material respects:

- the location of collection facilities, and any changes in the number and location of collection facilities from the previous report in accordance with Section 8(2)(b) of the Recycling Regulation;
- the description of how total amounts of the producer's product sold and collected has been calculated in accordance with Section 8(2)(e).

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

OHEN LLP.

OUSELEY HANVEY CLIPSHAM DEEP LLP Licensed Public Accountants

Ottawa, Ontario June 19, 2014

#### Attachment 1 to

#### the Auditor's

#### Report Evaluation

#### Criteria

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

- We obtained a list of all of the Collection Facilities from the Association as at December 31, 2013.
- 2. The listing stated 1132 facilities, matching the number in the 2013 annual report.
- 3. We randomly selected 30 Collection Facilities in accordance with the Sample Size General Guidance suggested. Registration forms were not available for most of the locations. This is because as of January 1, 2012 the Association began using a new company to manage the program. Any forms would be with the old company, and could not be retrieved. Management indicated that starting in 2012, there were registration forms filled out and retained for new registrants. They will not go back and get old registrants to sign a new form. Newer locations tested did have forms. We called each facility and verified the existence by confirming the address of the facility. We asked each facility to acknowledge the existence of the Medication Returns Program pails at the location. Two out of the thirty sites were not aware of the existence of the program.
- 4. To test the completeness of the list, we randomly selected 30 registration forms in accordance with the Sample Size General Guidance suggested. We ensured that the pharmacies listed on these registration forms were on the clients listing and the information on their listing was accurate.
- We obtained the historical data for the total number of Collection Facilities for the past 3 years as reported by the Association in the annual reports: (2013 1132; 2012 1095; 2011 1098). The fluctuation over the 3 year period is not significant (less than 3%).

Attachment 1 to

#### the Auditor's

#### Report Evaluation

Criteria (ctd)

The following evaluation criteria were applied to the assessment of the description of how total amounts of the producer's product sold and collected and, if applicable, the producer's recovery rate has been calculated in accordance with Section 8(2)(e); and,

- 1. All of the product is collected by one company, Stericycle.
- We obtained their monthly invoices, which contain a breakdown of the total product collected by weight. The report is broken down by dates and locations
- 3. All of the product is sent for incineration. Nothing is recovered or sold.
- 4. We obtained the quarterly Certificates of Destruction provided by Stericyle. We agreed this to the monthly invoices, and investigated and variances.
- 5. We totaled the Certificates of Destruction for the year, and agreed this to the total in the annual report.