

Pender Harbour Transfer Station

Seven samples were collected from the Pender Harbour Transfer Station roll-off bins. Four samples were collected and sorted in August. One sample from the Pender Harbour sample was sorted each day during August, with the exception of Saturday as a load was not sent to the Sechelt Landfill. Three samples were collected and sorted in November. One sample was dropped off on November 5 and two were dropped off on November 6.

Pender Harbour Transfer Station – Sample 1 (Aug 11)

This sample was composed of food scraps and kitchen waste (20%), food soiled paper (13%), refuse (e.g., toilet) (11%), film (PPP EPR), and OCC (5%). The remaining amount of waste in each sub-category totalled less than 5% of the sample. Table A-17 provides a breakdown of all waste categories and sub-categories.

Pender Harbour Transfer Station – Sample 2 (Aug 12)

Food scraps and kitchen waste comprised the largest component of this sample (24%). The majority of the remaining sample consisted of the following sub-categories: food soiled paper (13%), OCC (11%), plastic bulky items (11%), EPR electronic waste such as light fixtures (5%), and building materials – other such as sandpaper (5%). Table A-18 provides a breakdown of all waste categories and sub-categories.

Pender Harbour Transfer Station – Sample 3 (Aug 13)

Waste in this sample consisted primarily of the following sub-categories: food scraps and kitchen waste (32%), other textiles (13%), paper (6%), food soiled paper (5%), refuse (5%), and furniture (5%). Table A-19 provides a breakdown of all waste categories and sub-categories.

Pender Harbour Transfer Station – Sample 4 (Aug 14)

Unlike samples from the other days at the Pender Harbour Transfer Station which mainly consisted of food scraps and kitchen waste, building materials – textiles was the largest component of the waste stream (31%). EPR electronic waste (12%), furniture (10%), plastic bulky items (10%), other textiles (8%), refuse (7%), and OCC (5%) made up the majority of the remaining sample. Table A-20 provides a breakdown of all waste categories and sub-categories.

Pender Harbour Transfer Station – Sample 5 (Nov 5)

Food scraps and kitchen waste accounted for 19% of this sample. Building materials – gypsum/drywall accounted for 15%. Other textiles (8%), other plastics (7%), pet waste (6%), food soiled paper (6%), and paper (6%) made up the majority of the remaining sample. Table A-21 provides a breakdown of all waste categories and sub-categories.

Pender Harbour Transfer Station – Sample 6 (Nov 6)

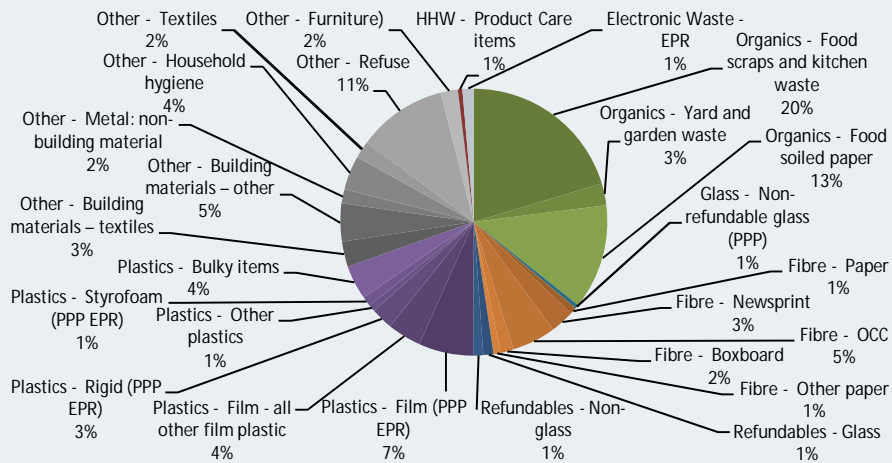
In this sample, food scraps and kitchen waste accounted for 23% and building materials – other accounted for 17%. Pet waste, food soiled paper, and building materials – wood each

represented 5% of the remaining sample. Table A-22 provides a breakdown of all waste categories and sub-categories.

Pender Harbour Transfer Station – Sample 7 (Nov 6)

Building materials – other made up 22% of this sample. Food scraps and kitchen waste and other plastics each made up 15%. The rest of the sample was primarily made up of other textiles (6%) and furniture (not including plastic furniture) (6%). Table A-23 provides a breakdown of all waste categories and sub-categories.

TABLE A- 17: PENDER HARBOUR TRANSFER STATION – SAMPLE 1 (AUG 11)



Category	Sub-Category	Weight (kg)	%	
Organics	Organics	Food scraps and kitchen waste	57.7	20%
		Yard and garden waste	7.6	3%
		Pet waste	0.4	0%
		Food soiled paper	36	13%
Curbside and Depot Printed Packaging (PPP) Recyclables	Glass	Non-refundable glass (PPP)	1.5	1%
		Paper	2.3	1%
	Fibre	Newsprint	8	3%
		OCC	15.2	5%
		Boxboard	4.6	2%
		Other paper	2.4	1%
	Refundables	Glass	3.5	1%
		Non-glass	3.5	1%
		Film (PPP EPR)	18.8	7%
	Plastic	Rigid (PPP EPR)	7.7	3%
Styrofoam (PPP EPR)		3.6	1%	
Batteries		0.1	0%	
Other Stewardship Materials	HHW	Product Care items	1.5	1%
	Electronic Waste	EPR	3.9	1%
Residuals	Other	Building materials – wood	0	0%
		Building materials – metal	0.8	0%
		Building materials – gypsum/drywall	0	0%
		Building materials – textiles	8.7	3%
		Building materials – other	12.9	4%
		Wood: non-building material	1	0%
		Metal: non-building material	5	2%
		Household hygiene	11.8	4%
		Home medical waste	0.6	0%
		Textiles	6	2%
		Refuse	30.7	11%
		Fines	0.7	0%
		Electronic Waste - other	0	0%
		HHW - other	0	0%
	Furniture (not including plastic furniture)	6	2%	
	Plastic	Film - all other film plastic	11.6	4%
		Styrofoam - all other	0.5	0%
Bulky items (including plastic furniture)		11.7	4%	
Other plastics		2.2	1%	
Total		287.7	100%	

*Note that only sub-categories that represent 1% or more of the waste stream have been shown in the pie-chart.

Photographs highlighting key observations from Pender Harbour Transfer Station – Sample 1 (Aug 11) are provided below:



Food scraps and kitchen waste



Food soiled paper



Film (PPP EPR)



Film – all other plastic

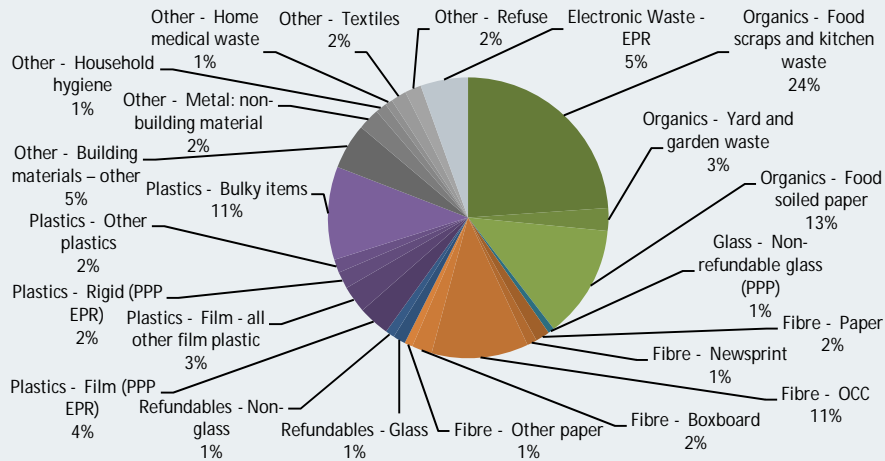


Rigid plastic (PPP EPR)



Bulky items - plastics

TABLE A- 18: PENDER HARBOUR TRANSFER STATION – SAMPLE 2 (AUG 12)



Category	Sub-Category	Weight (kg)	%	
Organics	Organics	Food scraps and kitchen waste	43.1	24%
	Organics	Yard and garden waste	4.7	3%
	Organics	Pet waste	0	0%
	Organics	Food soiled paper	23.6	13%
Curbside and Depot Printed Packaging (PPP) Recyclables	Glass	Non-refundable glass (PPP)	1.3	1%
		Paper	2.9	2%
	Fibre	Newsprint	2.1	1%
		OCC	20.1	11%
		Boxboard	4.2	2%
		Other paper	1.8	1%
	Refundables	Glass	2.5	1%
		Non-glass	2	1%
	Plastic	Film (PPP EPR)	6.4	4%
		Rigid (PPP EPR)	3.5	2%
Styrofoam (PPP EPR)		0.9	0%	
Other Stewardship Materials	HHW	Batteries	0.7	0%
		Product Care items	0	0%
Electronic Waste	EPR	EPR	9.9	5%
Residuals	Other	Building materials – wood	0.2	0%
		Building materials – metal	0	0%
		Building materials – gypsum/drywall	0	0%
		Building materials – textiles	0	0%
		Building materials – other	9.5	5%
		Wood: non-building material	0	0%
		Metal: non-building material	4.5	2%
		Household hygiene	2.4	1%
		Home medical waste	1.5	1%
		Textiles	3.3	2%
		Refuse	3.4	2%
		Fines	0.5	0%
		Electronic Waste - other	0	0%
		HHW - other	0	0%
	Furniture (not including plastic furniture)	0	0%	
	Plastic	Film - all other film plastic	5.7	3%
		Styrofoam - all other	0.1	0%
Bulky items (including plastic furniture)		19.4	11%	
Other plastics		2.8	2%	
Total		182.6	100%	

*Note that only sub-categories that represent 1% or more of the waste stream have been shown in the pie-chart.

Photographs highlighting key observations from Pender Harbour Transfer Station – Sample 2 (Aug 12) are provided below:



Food scraps and kitchen waste



Food soiled paper



Film (PPP EPR)



OCC

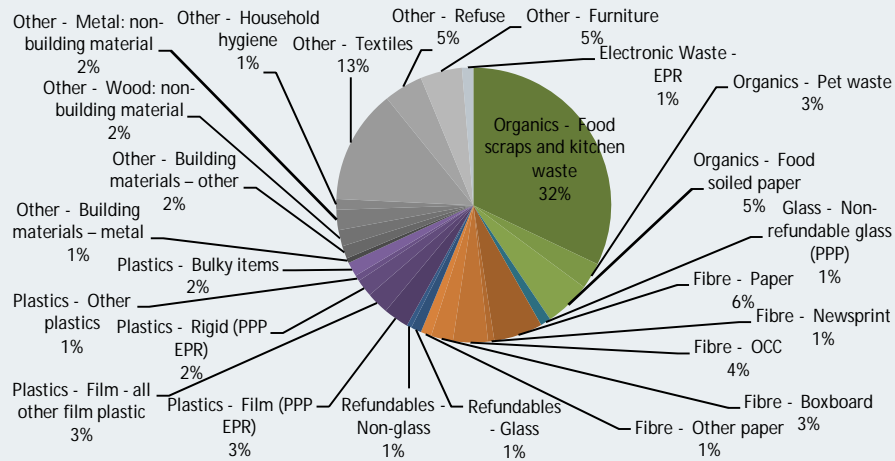


EPR - electronic waste



Home medical waste

TABLE A- 19: PENDER HARBOUR TRANSFER STATION – SAMPLE 3 (AUG 13)



Category	Sub-Category	Weight (kg)	%	
Organics	Organics	Food scraps and kitchen waste	70.1	32%
		Yard and garden waste	0.7	0%
		Pet waste	6.7	3%
		Food soiled paper	11.9	5%
Curbside and Depot Printed Packaging (PPP) Recyclables	Glass	Non-refundable glass (PPP)	2.8	1%
		Fibre	Paper	12.5
	Newsprint		1.6	1%
	OCC		8.9	4%
	Boxboard		5.8	3%
	Other paper		2.8	1%
	Refundables	Glass	2.6	1%
		Non-glass	1.3	1%
		Plastic	Film (PPP EPR)	6.6
	Rigid (PPP EPR)		4.5	2%
Styrofoam (PPP EPR)	1		0%	
Other Stewardship Materials	HHW	Batteries	0.5	0%
		Product Care items	0.6	0%
	Electronic Waste	EPR	3	1%
Residuals	Other	Building materials – wood	0.2	0%
		Building materials – metal	1.2	1%
		Building materials – gypsum/drywall	0	0%
		Building materials – textiles	0.4	0%
		Building materials – other	3.4	2%
		Wood: non-building material	4.1	2%
		Metal: non-building material	5.3	2%
		Household hygiene	2.8	1%
		Home medical waste	0.4	0%
		Textiles	29.3	13%
		Refuse	10	5%
		Fines	0.2	0%
		Electronic Waste - other	0	0%
		HHW - other	0	0%
	Furniture (not including plastic furniture)	10.8	5%	
	Plastic	Film - all other film plastic	5.6	3%
		Styrofoam - all other	0	0%
Bulky items (including plastic furniture)		3.8	2%	
Other plastics		1.6	1%	
Total		222.1	100%	

*Note that only sub-categories that represent 1% or more of the waste stream have been shown in the pie-chart.

Photographs highlighting key observations from Pender Harbour Transfer Station – Sample 3 (Aug 13) are provided below:



Food scraps and kitchen waste



Food soiled paper



Paper



Other textiles

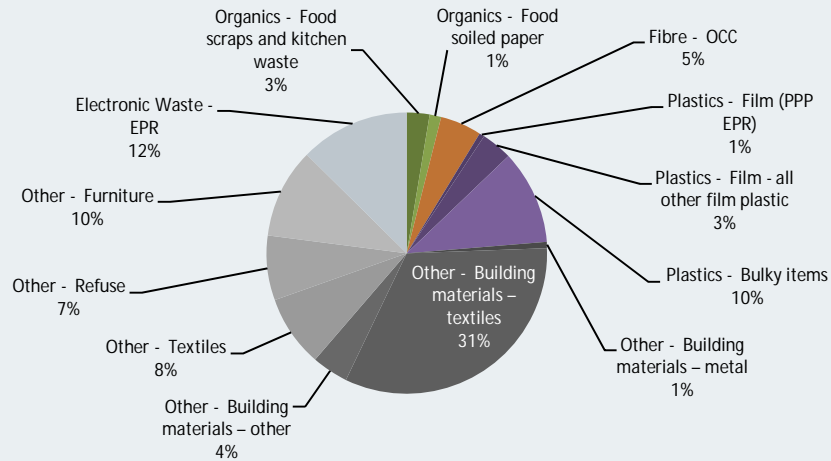


Furniture



EPR - electronic waste

TABLE A- 20: PENDER HARBOUR TRANSFER STATION – SAMPLE 4 (AUG 14)



Category	Sub-Category	Weight (kg)	%	
Organics	Organics	Food scraps and kitchen waste	6.7	3%
		Yard and garden waste	0.4	0%
		Pet waste	0.2	0%
		Food soiled paper	3.3	1%
Curbside and Depot Printed Packaging (PPP) Recyclables	Glass	Non-refundable glass (PPP)	1	0%
		Paper	1.1	0%
	Fibre	Newsprint	1.1	0%
		OCC	12.3	5%
		Boxboard	1.3	0%
		Other paper	0.4	0%
	Refundables	Glass	0	0%
		Non-glass	0.9	0%
		Film (PPP EPR)	1.4	1%
	Plastic	Rigid (PPP EPR)	1.2	0%
Styrofoam (PPP EPR)		0.7	0%	
Batteries		0	0%	
Other Stewardship Materials	HHW	Product Care items	0	0%
		Electronic Waste	EPR	32.2
Residuals	Other	Building materials – wood	0	0%
		Building materials – metal	1.9	1%
		Building materials – gypsum/drywall	0	0%
		Building materials – textiles	83.4	31%
		Building materials – other	10.7	4%
		Wood: non-building material	0	0%
		Metal: non-building material	0.3	0%
		Household hygiene	0.8	0%
		Home medical waste	0	0%
		Textiles	21	8%
		Refuse	19.2	7%
		Fines	0.9	0%
		Electronic Waste - other	0	0%
	HHW - other	0	0%	
	Furniture (not including plastic furniture)	26.3	10%	
	Plastic	Film - all other film plastic	9.2	3%
		Styrofoam - all other	0	0%
		Bulky items (including plastic furniture)	27.6	10%
		Other plastics	0.5	0%
Total			265.5	100%

*Note that only sub-categories that represent 1% or more of the waste stream have been shown in the pie-chart.

Photographs highlighting key observations from Pender Harbour Transfer Station – Sample 4 (Aug 14) are provided below:



Other building materials – textiles



OCC



Bulky items - plastics



EPR - electronic waste

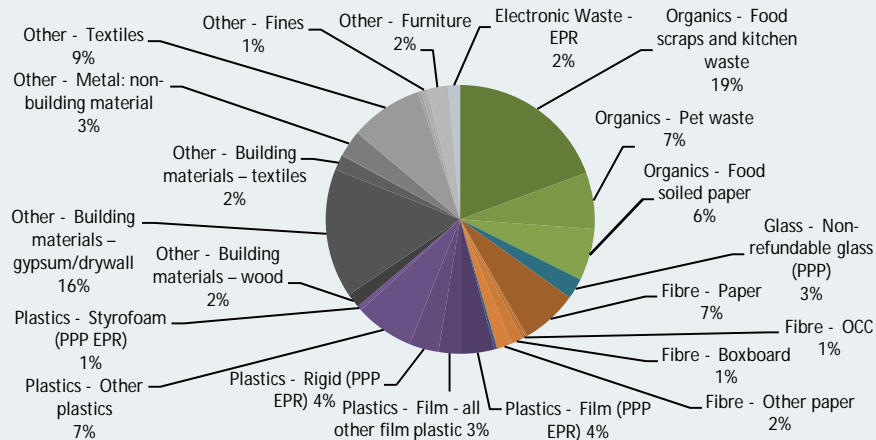


Other textiles



Furniture

TABLE A- 21: PENDER HARBOUR TRANSFER STATION – SAMPLE 5 (NOV 5)



Category	Sub-Category	Weight (kg)	%	
Organics	Organics	Food scraps and kitchen waste	48.7	19%
		Yard and garden waste	6.8	3%
		Pet waste	17	6%
		Food soiled paper	15.8	6%
Curbside and Depot Printed Packaging (PPP) Recyclables	Glass	Non-refundable glass (PPP)	6.3	2%
		Paper	17.1	6%
	Fibre	Newsprint	0.5	0%
		OCC	1.4	1%
		Boxboard	3.6	1%
		Other paper	4.4	2%
	Refundables	Glass	0.8	0%
		Non-glass	0.9	0%
	Plastic	Film (PPP EPR)	10.4	4%
		Rigid (PPP EPR)	9	3%
Styrofoam (PPP EPR)		1.5	1%	
Other Stewardship Materials	HHW	Batteries	0.2	0%
		Product Care items	0	0%
	Electronic Waste	EPR	3.8	1%
Residuals	Other	Building materials – wood	4.3	2%
		Building materials – metal	2.3	1%
		Building materials – gypsum/drywall	39.2	15%
		Building materials – textiles	4.5	2%
		Building materials – other	0	0%
		Wood: non-building material	0.3	0%
		Metal: non-building material	7.9	3%
		Household hygiene	0.3	0%
		Home medical waste	0	0%
		Textiles	21.9	8%
		Refuse	0.9	0%
		Fines	1.8	1%
		Electronic Waste - other	0.4	0%
		HHW - other	0.8	0%
	Furniture (not including plastic furniture)	6.3	2%	
	Plastic	Film - all other film plastic	6.5	2%
		Styrofoam - all other	0.1	0%
Bulky items(including plastic furniture)		0	0%	
Other plastics		17.8	7%	
Total		262.9	100%	

*Note that only sub-categories that represent 1% or more of the waste stream have been shown in the pie-chart.

Photographs highlighting key observations from Pender Harbour Transfer Station – Sample 5 (Nov 5) are provided below:



Paper



Yard and garden waste



Other textiles



Building materials – wood

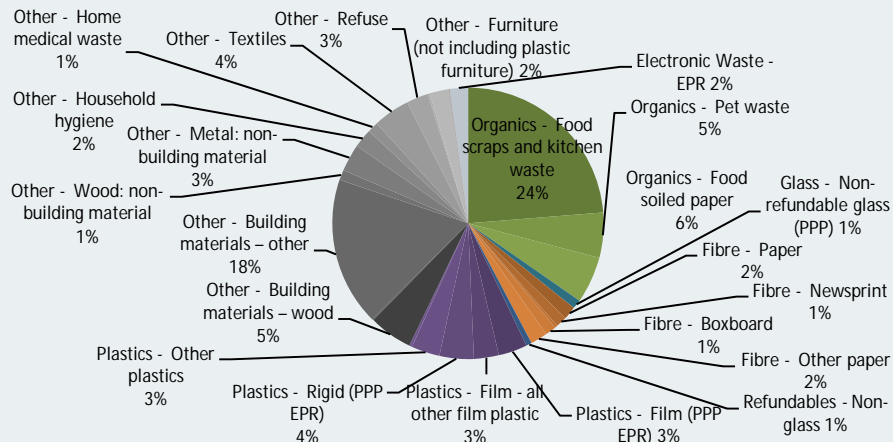


Food soiled paper



Food scraps and kitchen waste

TABLE A- 22: PENDER HARBOUR TRANSFER STATION – SAMPLE 6 (NOV 6)



Category	Sub-Category	Weight (kg)	%	
Organics	Food scraps and kitchen waste	65.7	23%	
	Yard and garden waste	1.1	0%	
	Pet waste	14.9	5%	
	Food soiled paper	15.6	5%	
Curbside and Depot Printed Packaging (PPP) Recyclables	Glass	Non-refundable glass (PPP)	2.9	1%
	Fibre	Paper	4.3	1%
		Newsprint	3.7	1%
		OCC	1	0%
		Boxboard	3.7	1%
		Other paper	5.5	2%
	Refundables	Glass	0.9	0%
		Non-glass	2	1%
		Plastic	Film (PPP EPR)	9.5
	Rigid (PPP EPR)		11.4	4%
Styrofoam (PPP EPR)	1		0%	
Other Stewardship Materials	HHW	Batteries	0.1	0%
		Product Care items	0	0%
	Electronic Waste	EPR	6.1	2%
Residuals	Other	Building materials – wood	14.5	5%
		Building materials – metal	6.2	2%
		Building materials – gypsum/drywall	0	0%
		Building materials – textiles	0.4	0%
		Building materials – other	49.3	17%
		Wood: non-building material	3.2	1%
		Metal: non-building material	9.3	3%
		Household hygiene	6.1	2%
		Home medical waste	3.7	1%
		Textiles	12.2	4%
		Refuse	7.1	2%
		Fines	0.8	0%
		Electronic Waste - other	0	0%
		HHW - other	0.1	0%
	Furniture (not including plastic furniture)	6.5	2%	
	Plastic	Film - all other film plastic	8.3	3%
		Styrofoam - all other	0.8	0%
Bulky items(including plastic furniture)		0	0%	
Other plastics	9.3	3%		
Total		286.4	100%	

*Note that only sub-categories that represent 1% or more of the waste stream have been shown in the pie-chart.

Photographs highlighting key observations from Pender Harbour Transfer Station – Sample 6 (Nov 5) are provided below:



Building materials - other



Rigid plastic (PPP EPR)



Food scraps and kitchen waste



Metal - non-building material

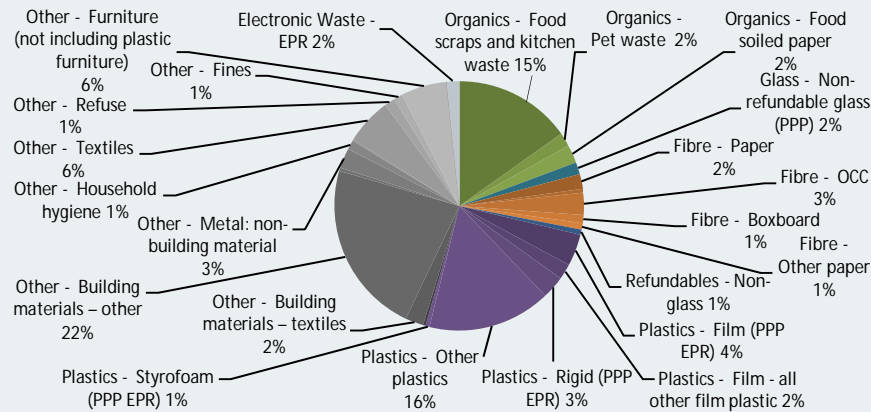


Other textiles



Food soiled paper

TABLE A- 23: PENDER HARBOUR TRANSFER STATION – SAMPLE 7 (NOV 6)



Category	Sub-Category	Weight (kg)	%	
Organics	Organics	Food scraps and kitchen waste	47.6	15%
		Yard and garden waste	0.5	0%
		Pet waste	5.6	2%
		Food soiled paper	7.3	2%
Curbside and Depot Printed Packaging (PPP) Recyclables	Glass	Non-refundable glass (PPP)	4.8	2%
		Fibre	Paper	6.2
	Newsprint		1.5	0%
	OCC		8.9	3%
	Boxboard		3.4	1%
	Refundables	Other paper	2.6	1%
		Glass	4.7	1%
	Plastic	Non-glass	2	1%
		Film (PPP EPR)	13	4%
		Rigid (PPP EPR)	9.4	3%
Other Stewardship Materials	HHW	Styrofoam (PPP EPR)	1.8	1%
		Batteries	0	0%
Residuals	Electronic Waste	Product Care items	0	0%
		EPR	5.1	2%
	Other	Building materials – wood	1	0%
		Building materials – metal	2.6	1%
		Building materials – gypsum/drywall	0	0%
		Building materials – textiles	7.4	2%
		Building materials – other	70.2	22%
		Wood: non-building material	1.3	0%
		Metal: non-building material	8.2	3%
		Household hygiene	3.8	1%
		Home medical waste	0.5	0%
		Textiles	18.9	6%
		Refuse	4.3	1%
		Fines	3.6	1%
		Electronic Waste - other	0	0%
		HHW - other	1	0%
		Furniture (not including plastic furniture)	18.6	6%
	Plastic	Film - all other film plastic	6.2	2%
		Styrofoam - all other	4.7	1%
		Bulky items(including plastic furniture)	0	0%
Other plastics		49.8	15%	
Total		315.7	100%	

*Note that only sub-categories that represent 1% or more of the waste stream have been shown in the pie-chart.

Photographs highlighting key observations from Pender Harbour Transfer Station – Sample 7 (Nov 6) are provided below:



Food scraps and kitchen waste



Other textiles



Paper



Boxboard



Refundable glass



Food soiled paper

TABLE A- 24: LARGE ITEMS (OVER 15KG) ENCOUNTERED AT SECHELT LANDFILL AND PENDER HARBOUR TRANSFER STATION

Source	Sample	Item	Weight (kg)
Sechelt Landfill	Sample 1 - Aug 11	Couch	39.9
	Sample 1 - Aug 11	Chairs (set of two)	21.6 (each)
	Sample 3 - Aug 12	Speakers (set of three)	17.5 (each)
	Sample 4 - Aug 12	Backrest of couch	24.3
	Sample 4 - Aug 12	Couch	37.5
	Sample 5 - Aug 13	Speakers (set of two)	25.1 (each)
	Sample 5 - Aug 13	Car part	16.1
	Sample 5 - Aug 13	Couch	20.5
	Sample 6 - Aug 13	Speaker	26.4
	Sample 7 - Aug 14	Couch	48.2
	Sample 7 - Aug 14	Couch	51.2
	Sample 7 - Aug 14	Loveseat	34.5
	Sample 11 - Nov 3	Couch	36.2
	Sample 12 - Nov 3	Couch	53
	Sample 12 - Nov 3	Plastic Furniture	15.8
	Sample 12 - Nov 3	Speakers	19.2
Sample 13 - Nov 4	Carpet	42	
Sample 16 - Nov 7	Carpet	36.6	
Pender Harbour Transfer Station	Sample 1 - Aug 11	Toilet	21
	Sample 4 - Aug 14	Speakers (set of two)	15.3 (each)

TABLE A- 25: SAMPLED WEIGHT, ROLL-OFF BIN WEIGHT AND PERCENT SAMPLED BY INDIVIDUAL SAMPLE

Source	Sample	Weight Sampled (kg)	Weight of Waste in Roll-off Bin (kg)	% Sampled
Sechelt Landfill	Sample 1 - Aug 11	281	3,810	7%
	Sample 2 - Aug 11	213	4,070	5%
	Sample 3 - Aug 12	303	3,065	10%
	Sample 4 - Aug 12	276	1,465	19%
	Sample 5 - Aug 13	283	3,085	9%
	Sample 6 - Aug 13	264	3,240	8%
	Sample 7 - Aug 14	267	2,850	9%
	Sample 8 - Aug 14	353	3,380	10%
	Sample 9 - Aug 15	262	2,145	12%
	Sample 10 - Aug 16	264	2,155	12%
	Sample 11 - Nov 3	314	2,610	12%
	Sample 12 - Nov 3	330	2,345	14%
	Sample 13 - Nov 4	332	4,325	8%
	Sample 14 - Nov 5	283	2,900	10%
	Sample 15 - Nov 6	295	3,305	9%
	Sample 16 - Nov 7	273	2,925	9%
	TOTAL	4,593	47,675	10%
Pender Harbour Transfer Station	Sample 1 - Aug 11	288	9,090	3%
	Sample 2 - Aug 12	183	7,190	3%
	Sample 3 - Aug 13	222	6,720	3%
	Sample 4 - Aug 14	266	6,530	4%
	Sample 5 - Nov 5	263	8,870	3%
	Sample 6 - Nov 6	286	7,450	4%
	Sample 7 - Nov 6	326	5,020	6%
	TOTAL	1,833	50,870	4%
TOTAL for Both Sites		6,426	98,545	7%