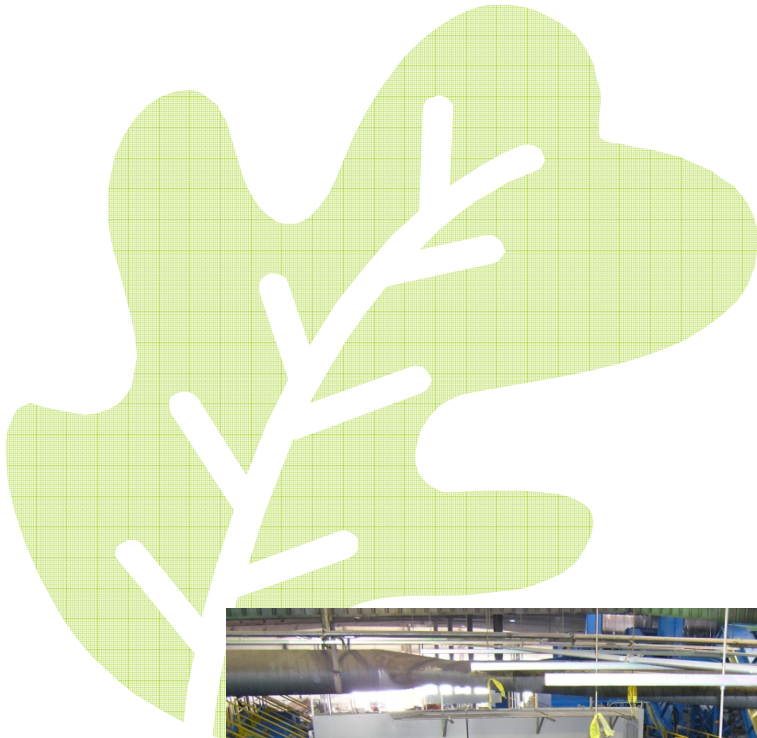


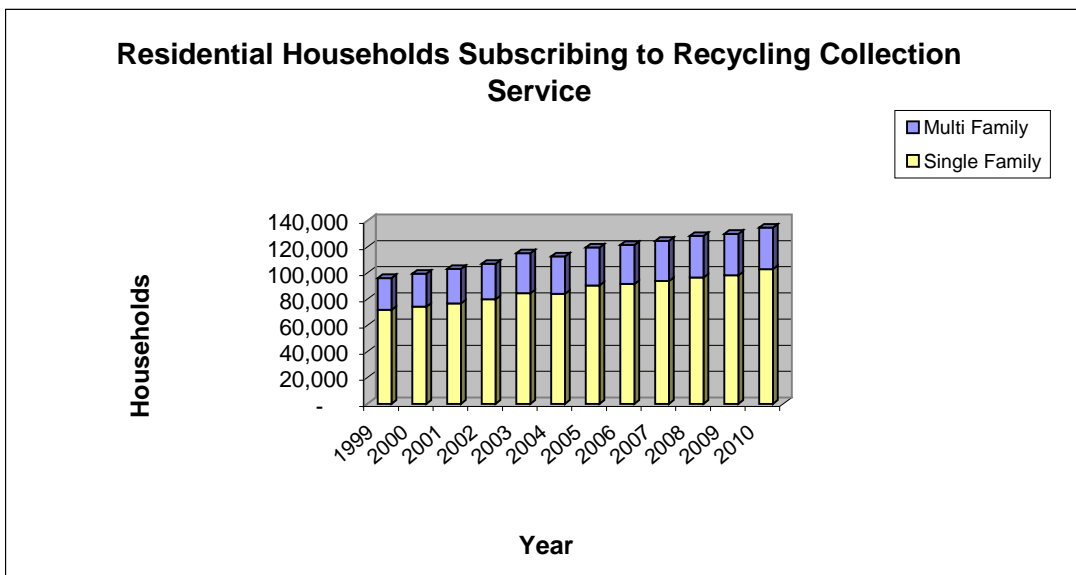
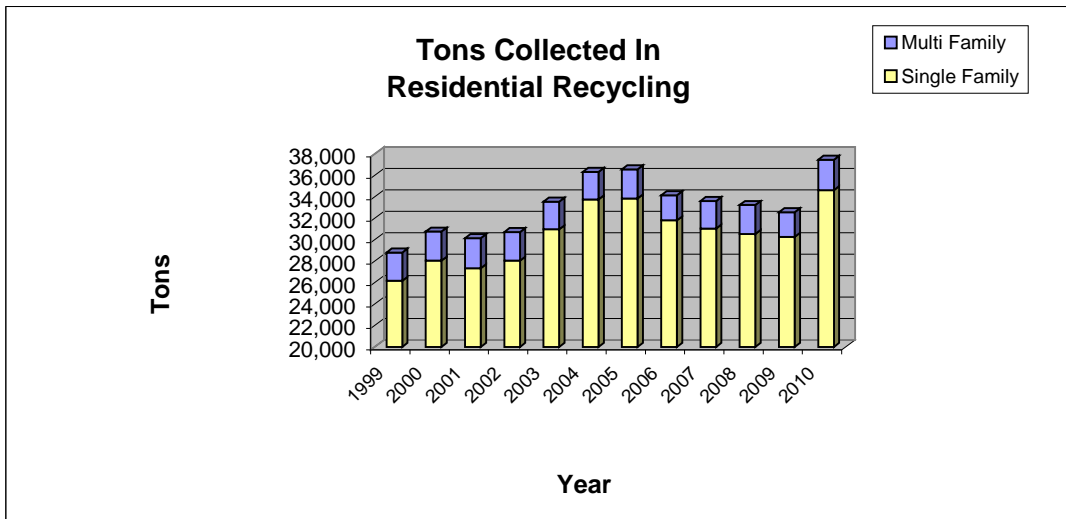
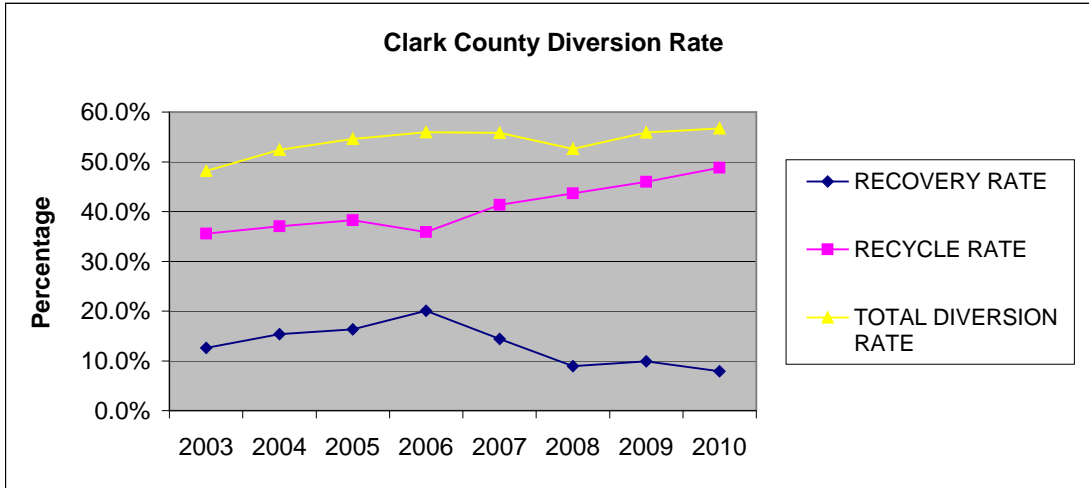
The Solid Waste Data Report

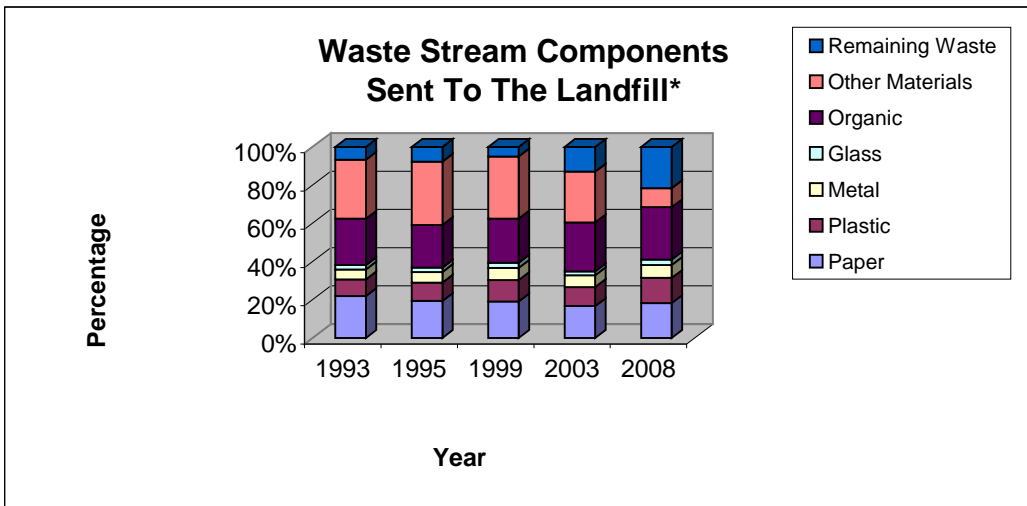
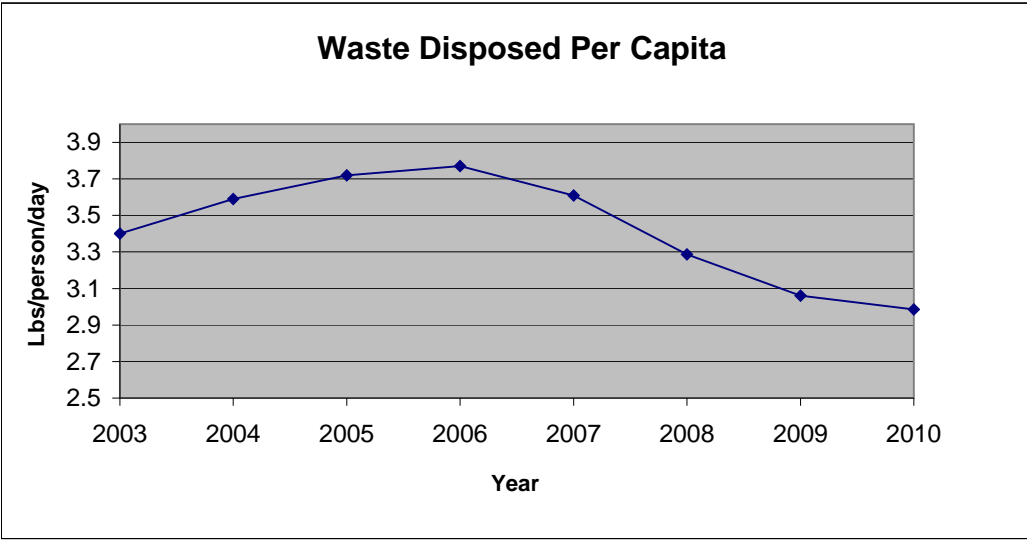
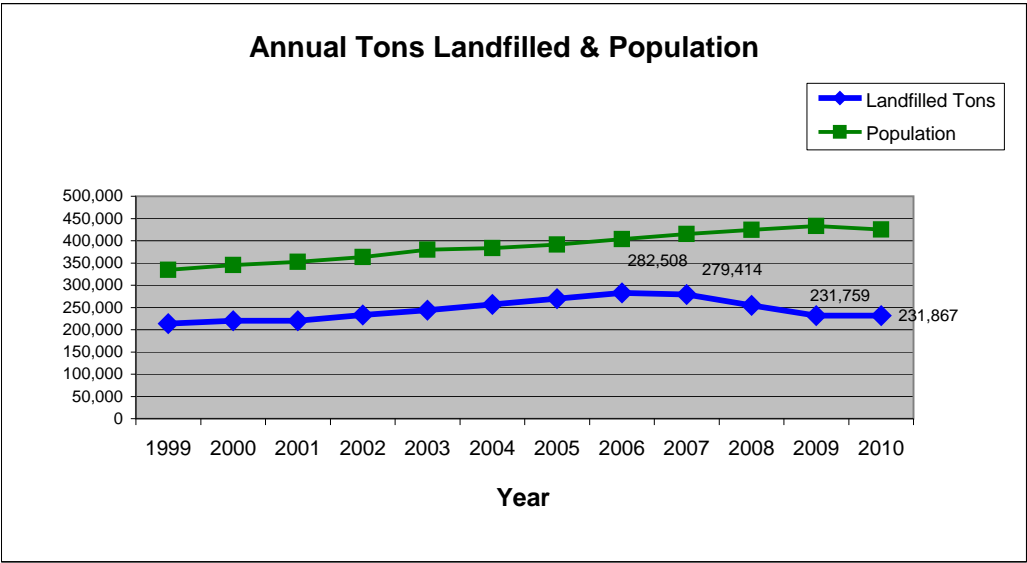


Clark County, WA

**Department of Environmental Services
Sustainability & Outreach Division**

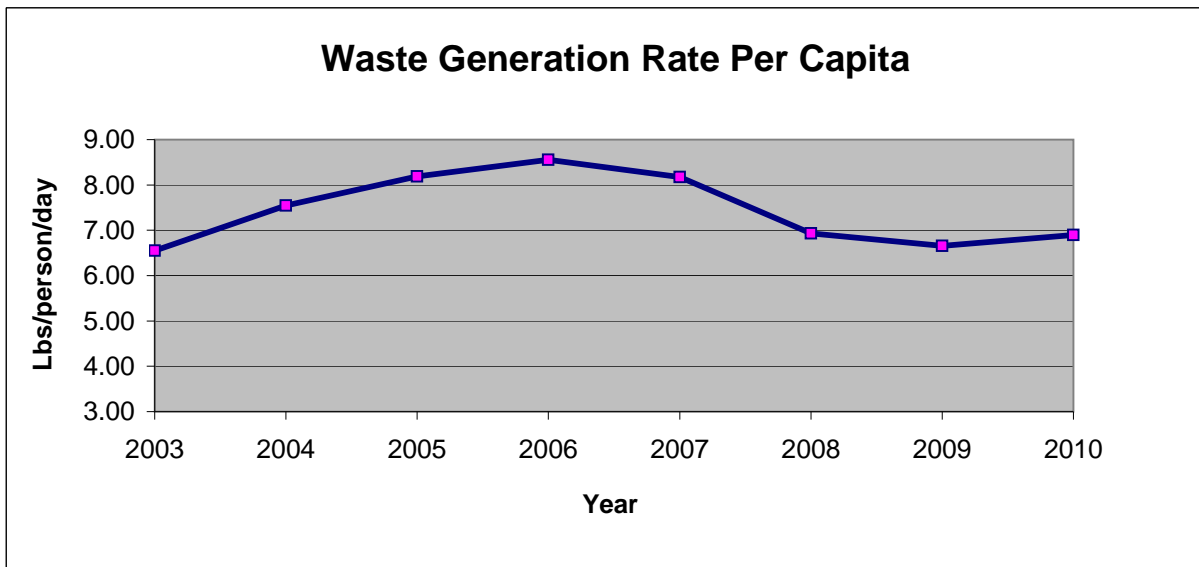
Executive Summary





Solid Waste Program Objectives and Targets

(Baseline 2005)	GOAL 2011	2010	2009	2008	2007	2006	BASELINE 2005	2004	2003
Increase recovery of basic recyclables (FPTAG) by 50,000 tons by 2011	214,689	178,888	161,844	159,021	183,288	166,613	164,689	135,722	114,631
Recover an additional 10,000 tons of organics by 2011	66,992	67,472	76,087	70,683	68,106	57,453	56,992	56,477	42,336
Recover an additional 10,000 tons of construction and demolition materials by 2011	15,419	1,437	6,245	4,783	4,940	5,630	5,419	9,591	4,507
Recover an addition 500 tons of hazardous waste materials by 2011	9,945	8,122	7,701	5,768	7,409	5,967	9,445	8,282	6,967
Reduce per person per day landfilled by 5% by 2011	3.53	2.99	3.06	3.29	3.61	3.77	3.72	3.59	3.40
Recycling Rate	50.0%	49%	46%	44%	41%	36%	38%	37%	36%
Recovery Rate	15.0%	8%	10%	9%	14%	20%	16%	15%	13%
Diversion Rate	65.0%	57%	56%	53%	56%	56%	55%	52%	48%



of Single Family Households

Year	Total HH	% change	County UGA	County Rural	Battle Ground	Camas	La Center	Ridgefield	Vancouver	Washougal	Woodland	Yacolt
1999	102,303		34,643	19,241	2,646	4,194	545	717	37,251	2,696	42	328
2000	105,413	3.04%	35,905	19,596	2,861	4,406	581	725	38,188	2,776	43	332
2001	107,846	2.31%	36,960	19,877	3,048	4,583	601	730	38,790	2,867	43	347
2002	112,057	3.90%	38,631	20,432	3,494	5,060	640	738	39,577	3,086	43	356
2003	114,545	2.22%	39,479	20,795	3,865	5,225	670	745	40,124	3,242	43	357
2004	118,875	3.78%	41,276	21,268	4,390	5,434	730	911	40,894	3,561	45	366
2005	122,024	2.65%	42,436	21,737	4,526	5,745	797	1,057	41,413	3,886	45	382
2006	125,119	2.54%	43,810	22,058	4,623	5,788	847	1,351	41,929	4,226	45	442
2007	127,565	1.95%	45,797	21,056	4,750	5,930	862	1,496	42,781	4,393	46	454
2008	128,246	0.53%	46,048	21,081	4,929	6,033	890	1,491	42,747	4,514	46	467
2009	129,156	0.71%	46,426	21,054	5,006	6,175	896	1,512	43,013	4,559	46	469
2010	129,808	0.50%	46,616	21,046	5,079	6,314	962	1,595	43,050	4,627	46	473
2011	130,292	0.37%	46,761	21,176	5,093	6,369	973	1,628	43,107	4,666	46	473

Notes: 6/1/2010 single family housing units are based on property type codes: 10 -19 for single family and 70-79 for mobile homes.

Single Family Curbside Recycling (in tons – includes reject)								
Year	Urban County*	Rural County**	Vancouver	Subtotal	Camas	Washougal	Ridgefield	Totals
1999	10,802	871	12,542	24,215	1135	813		26,163
2000	11,579	1,449	12,636	25,664	1334	945	99	28,042
2001	11,321	1,485	12,184	24,990	1321	936	103	27,350
2002	10,942	2,568	12,091	25,601	1364	965	119	28,049
2003	13,147	1,976	12,815	27,938	1700	1,202	125	30,965
2004	14,509	2,036	13,882	30,427	1850	1,311	164	33,752
2005	14,630	2,305	13,686	30,621	1756	1,244	238	33,859
2006	13,705	2,364	12,471	28,540	1,768	1,252	247	31,807
2007	13,322	2,413	11,908	27,643	1,831	1,297	282	31,053
2008	12,977	2,347	11,768	27,092	1,859	1,318	271	30,540
2009	14,010	2,287	10,578	26,875	1,840	1,278	270	30,263
2010	15,331	2,828	12,236	30,395	2,341	1,567	324	34,627

* Includes City of Battle Ground – 2002 expands to burn ban area
 **The rural curbside collection program began March 1, 1999 (includes La Center, Yacolt)
 *** tare weight adjustment April 2005
 Notes: volume of recycling bins = 33.6 gallons (11.2 gallons per bin); WM and WCI swapped yard debris and recycling customers 2003; WCI assumes WM customers Sept. 2005
 Source: Contractor Monthly Reports

Single Family Curbside Recycling (Average Households Served)								
Year	Urban County	Rural County	Vancouver	Subtotal	Camas	Washougal	Ridgefield	Totals
1999	26,981	2208	35,070	64,259	4430	3087		71,776
2000	27,895	2,926	35,807	66,628	4547	3,107		74,282
2001	29,372	3,323	36,463	69,158	4531	3,096		76,785
2002	29,776	4,845	37,391	72,012	4684	3,189		79,885
2003	33,586	4,302	38,418	76,306	4896	3,359		84,561
2004	35,792	4,661	34,842	75,295	5119	3,614		84,028
2005	37,632	5,232	38,444	81,308	5317	3,921		90,546
2006	38,716	5,630	37,022	81,368	5,425	4,232	625	91,650
2007	39,453	6,090	37,620	83,163	5,525	4,449	822	93,959
2008	40,453	6,110	38,836	85,399	5,652	4,665	930	96,646
2009	41,622	6,000	39,225	86,847	5,835	4,574	958	98,214
2010	43,826	7,200	39,996	91,022	6,435	4,356	1,210	103,023

Source: Contractor Monthly Reports

Pounds of SF Materials Recycled Per Household Per Month						
Year	Urban County	Rural County	Vancouver	Camas	Washougal	Ridgefield
1999	67	66	60	43	44	
2000	69	83	59	49	51	
2001	64	74	56	49	50	
2002	61	88	54	49	50	
2003	65	77	56	58	60	
2004	68	73	66	60	60	
2005	65	73	59	55	53	
2006	59	70	56	54	49	66
2007	56	66	53	55	49	57
2008	53	64	51	55	47	49
2009	56	63	44	53	47	47

Multifamily Recycling (in tons – includes reject)

Year	Urban County*	Vancouver	Cardboard Cage	Subtotal	Camas	Washougal	Ridgefield	Totals
1999	715	1,919		2,634				2,634
2000	752	1,966		2,718				2,718
2001	769	2,040		2,809				2,809
2002	740	1,922		2,662				2,662
2003	732	1,849		2,581				2,581
2004	761	1,814		2,575				2,575
2005	832	1,876		2,708				2,708
2006	712	1,441	185	2,338				2,338
2007	669.61	1,898		2,568				2,568
2008	670.18	2,025		2,695				2,695
2009	525.07	1,781		2,306				2,306
2010	581.71	1,905	347	2,834				2,834

Source: Contractor Monthly Reports

Multifamily Recycling (Average Units Served)

Year	Urban County	Vancouver	Subtotal	Camas	Washougal	Ridgefield	Totals
1999	6,563	17,870	24,433				24,433
2000	6,756	18,456	25,212				25,212
2001	6,953	19,505	26,458				26,458
2002	7,251	19,861	27,112				27,112
2003	7,342	23,256	30,598				30,598
2004	7,455	21,220	28,675				28,675
2005	7,645	21,410	29,055				29,055
2006	7,884	21,926	29,810				29,810
2007	8,136	22,512	30,648				30,648
2008	8,550	23,213	31,763				31,763
2009	8,441	23,297	31,738				31,738
2010	8,346	23,409	31,755				31,755

Source: Contractor Monthly Reports

Pounds of MF Materials Recycled Per Unit Per Month

Year	Urban County	Vancouver	Camas	Washougal	Ridgefield
1999	18	18			
2000	19	18			
2001	18	17			
2002	17	16			
2003	17	13			
2004	17	14			
2005	17	15			
2006	18	11			
2007	15	14			
2008	13	15			
2009	13	13			
2010	12	14			

Yard Debris Recycling (in tons)								
Year	Urban County*	Vancouver	Subtotal	Camas*	Washougal*	Ridgefield	La Center	Totals
1999	8,453	9835	18,288					18,288
2000	9,174	10,339	19,513	715	250			20,478
2001	8,505	9,308	17,813	829	297			18,939
2002	9,784	9,710	19,494	987	334			20,815
2003	9,972	10,297	20,269	976	316			21,561
2004	10,908	12,546	23,454	1,244	374			25,071
2005	9,732	12,750	22,482	1,463	763			24,708
2006	9,499	11,548	21,047	1,690	949	121	164	23,971
2007	10,351	10,717	21,068	1,765	1,126	201	219	24,379
2008	10,550	10,386	20,936	2,066	1,178	167	377	24,723
2009	12,090	11,005	23,095	2,042	1,193	285	274	26,888
2010	12,137	11,059	23,196	2,013	1,213	254	243	26,919

* Waste Connections reports in cubic yards used City of Vancouver/County conversion of 750 pounds per compacted cubic yard.

* Includes City of Battle Ground, La Center, Yacolt – 2002 expands to burn ban area. WM and WCI swapped yard debris and recycling customers 2003; WCI assumes WM customers Sept. 2005.

Source: Contractor Monthly Reports

Yard Debris Recycling (Average Households Served)								
Year	Urban County	Vancouver	Subtotal	Camas	Washougal	Ridgefield	La Center	Totals
1999	8,928	11156	20,084					20,084
2000	9,629	12,575	22,204	1,414	462			24,080
2001	12,020	13,596	25,616	1,315	408			27,339
2002	13,664	14,173	27,837	1,460	441			29,738
2003	13,937	16,141	30,078	1,647	463			32,188
2004	15,224	16,325	31,549	1,844	548			33,941
2005	16,918	17,202	34,120	2,041	780			36,941
2006	18,171	17,911	36,082	2,166	980	221	282	39,731
2007	19,344	18,928	38,272	2,261	1,104	320	456	42,413
2008	20,469	19,666	40,135	2,358	1,202	358	365	44,418
2009	21,475	20,107	41,582	2,450	1,349	410	398	46,189
2010	22,747	19,656	42,597	2,532	1,591	458	438	47,616

Source: Contractor Monthly Reports

Pounds of YD Recycled Per Household Per Month

Year	Urban County	Vancouver	Camas	Washougal	Ridgefield	La Center
1999	158	147				
2000	159	137	84	90		
2001	118	114	105	121		
2002	119	114	113	126		
2003	119	106	99	114		
2004	119	128	112	114		
2005	96	124	119	163		
2006	87	107	130	161	91	97
2007	89	94	130	170	105	80
2008	86	88	146	163	78	172
2009	94	91	139	147	116	115
2010	89	94	133	127	92	92

Garbage						
Year	County Inbound Tons	% increase over previous year	County Outbound Tons	% increase over previous year	Population	% increase over previous year
1993	183,210		173,092		269,500	
1994	196,385	7.2%	182,537	5.5%	280,800	4.2%
1995	197,446	0.5%	185,690	1.7%	291,000	3.6%
1996	216,420	9.6%	202,981	9.3%	303,500	4.3%
1997	223,906	3.5%	209,960	3.4%	319,000	5.1%
1998	223,280	-0.3%	211,487	0.7%	328,000	2.8%
1999	227,259	1.8%	213,696	1.0%	334,651	2.0%
2000	233,113	2.6%	220,459	3.2%	345,238	3.2%
2001	232,499	-0.3%	220,277	-0.1%	352,600	2.1%
2002	242,554	4.3%	232,769	5.7%	363,400	3.1%
2003	254,019	4.7%	244,021	4.8%	379,577	4.5%
2004	266,993	5.1%	256,899	5.3%	383,300	1.0%
2005	281,566	5.5%	270,016	5.1%	391,500	2.1%
2006	291,362	3.5%	282,508	4.6%	403,500	3.1%
2007	286,230	-1.8%	279,414	-1.1%	415,000	2.9%
2008	263,236	-8.0%	254,468	-8.9%	424,200	2.2%
2009	237,548	-9.8%	231,759	-8.9%	432,999	2.1%
2010	236,488	-0.4%	231,867	0.0%	425,363	-1.8%

Note: Tons sent to landfill (OUTBOUND) includes special waste (Industrial Waste, Contaminated Soils, Asbestos, Wastewater Treatment Plant Ash). Source: CRC monthly reports

Special Wastes

Year	CTR			West Van				Totals	MARR
	Industrial Waste	Soil (ADC)	Asbestos	Industrial Waste	Soil	WWTP Ash	Asbestos		
1999	4,577	5	16	1,843	524	1,807	0	8,772	
2000	4,188	0	78	1,621	23	1,939	0	7,849	
2001	3,873	134	20	2,427	20	1,919	16	8,410	8,414
2002	3,663	0	42	2,463	0	2,011	3	8,181	9,189
2003	3,685	0	26	1,574	7	1,917	10	7,218	8,067
2004	2,851	5	18	1,077	10	1,625	1	5,586	5,690
2005	2,848	2	15	1,032	0	0	15	3,912	3,924
2006	3,014	281	144	1,351	0	0	17	4,807	4,877
2007	2,701	486	59	1,370	28	815	83	5,543	5,543
2008	1,977	315	217	1,144	0	2,045	18	5,716	5,711
2009	1,279	0	45	1,114	0	1,591	5	4,034	4,280
2010	1,357	1	6	785	0	1,788	2	5,949	4,442

Source: CRC (MARR Report)

Avoided Greenhouse Gas Emissions - 2010 (MTCO₂E - Million Tons Carbon Dioxide Equivalent)

Commodity	MTCO₂E Saved
Aluminum Cans	(5,693)
Steel Cans	(178,324)
Glass	(720)
HDPE	(2,503)
PET	(611)
Corrugated Containers	(81,122)
Newspaper	(9,720)
Food Scraps	(2,744)
Yard Trimmings	(5,683)
Branches	16,824
Mixed Paper (general)	(107,216)
Mixed Plastics	(18,738)
Tires	(603)
Asphalt Shingles	(157)
Drywall	(21)

Total Change in GHG Emissions: -397,032 MTCO₂E

This is equivalent to...	
Removing	72,719 Passenger Cars from the Roadway Each Year

Year	Tons Landfilled*	Tons Recycled	Tons Recovered**	Recycling Rate	Diversion Rate	Population	Pounds Per Capita Landfilled Per Day	Diversion		Pounds Per Capita Generated Per Day
								Pounds Per Capita Recycled Per Day	Pounds Per Capita Recovered Per Day	
2003	235,284	161,295	57,192	35.5%	48.1%	379,577	3.40	2.33	0.83	6.55
2004	251,171	195,451	81,049	41.0%	55.4%	383,300	3.59	2.79	1.16	7.54
2005	265,690	224,099	95,487	38.3%	54.6%	391,500	3.72	3.14	1.34	8.19
2006	277,529	225,930	126,560	35.9%	55.9%	403,500	3.77	3.07	1.72	8.56
2007	273,619	256,105	89,300	41.4%	55.8%	415,000	3.61	3.38	1.18	8.17
2008	254,468	221,821	79,020	43.6%	52.6%	424,200	3.29	2.87	1.02	7.17
2009	231,759	241,814	52,322	46.0%	55.9%	432,999	2.93	3.06	0.66	6.66
2010	236,488	271,789	32,599	48.8%	8.0%	432,999	2.99	3.44	0.41	6.84

* MARR total adjusted outbound (no Metro, no Special Waste)

2010	2009	2008	2007	2006	2005	2004	2003
RECYCLE RATE 48.8%	RECYCLE RATE 46.0%	RECYCLE RATE 43.6%	RECYCLE RATE 41.4%	RECYCLE RATE 35.9%	RECYCLE RATE 38.3%	RECYCLE RATE 41.0%	RECYCLE RATE 35.5%
RECOVERY RATE 8.0%	RECOVERY RATE 9.9%	RECOVERY RATE 8.9%	RECOVERY RATE 14.4%	RECOVERY RATE 20.1%	RECOVERY RATE 16.3%	RECOVERY RATE 14.4%	RECOVERY RATE 12.6%
TOTAL DIVERSION RATE 56.7%	TOTAL DIVERSION RATE 55.9%	TOTAL DIVERSION RATE 52.6%	TOTAL DIVERSION RATE 55.8%	TOTAL DIVERSION RATE 55.9%	TOTAL DIVERSION RATE 54.6%	TOTAL DIVERSION RATE 55.4%	TOTAL DIVERSION RATE 48.1%

GARBAGE	231,759	GARBAGE	231759	GARBAGE	254467	GARBAGE	273619	GARBAGE	277529	GARBAGE	265690	GARBAGE	251171	GARBAGE	235284
RECYCLED Items		RECYCLED Items		RECYCLED Items		RECYCLED Items		RECYCLED Items		RECYCLED Items		RECYCLED Items		RECYCLED Items	
Sheetrock	222	Sheetrock	600	Sheetrock	202	Sheetrock	0	Sheetrock	1	Sheetrock	29	Sheetrock	875	Sheetrock	1098
Yard Debris Inbound	63559	Yard Debris Inbound	73262	Yard Debris Inbound	68012	Yard Debris Inbound	65395	Yard Debris Inbound	55273	Yard Debris Inbound	55463	Yard Debris Inbound	53313	Yard Debris Inbound	39875
Yard Debris (CY)	1018	Yard Debris (CY)	1018	Yard Debris (CY)	1180	Yard Debris (CY)	1404	Yard Debris (CY)	1194	Yard Debris (CY)	872	Yard Debris (CY)	1602	Yard Debris (CY)	1341
Food Waste	2895	Food Waste	1807	Food Waste	1491	Food Waste	1307	Food Waste	986	Food Waste	657	Food Waste	1562	Food Waste	1120
OCC / Cores	25508	OCC / Cores	22906	OCC / Cores	29458	OCC / Cores	29590	OCC / Cores	23828	OCC / Cores	33524	OCC / Cores	30188	OCC / Cores	24618
MCDB	6626	MCDB	59	MCDB	77	MCDB	66	MCDB	51	MCDB	44	MCDB	40	MCDB	40
Newsprint	5317	Newsprint	4012	Newsprint	11314	Newsprint	10069	Newsprint	11745	Newsprint	11707	Newsprint	13418	Newsprint	11171
Paper	30149	Paper	24513	Paper	35782	Paper	34892	Paper	42457	Paper	33668	Paper	36095	Paper	29126
Glass	1397	Glass	1370	Glass	2994	Glass	3691	Glass	2589	Glass	2715	Glass	3020	Glass	2302
Glass Cullet	870	Glass Cullet	870	Glass Cullet	185	Glass Cullet	978	Glass Cullet	299	Glass Cullet	163	Glass Cullet	418	Glass Cullet	835
Appliances	1	Appliances	16	Appliances	18	Appliances	250	Appliances	148	Appliances	2	Appliances	232	Appliances	104
Alum	417	Alum	443	Alum	601	Alum	392	Alum	751	Alum	678	Alum	545	Alum	489
Other Non-Ferrous	3410	Other Non-Ferrous	94606	Other Non-Ferrous	406	Other Non-Ferrous	3238	Other Non-Ferrous	2495	Other Non-Ferrous	756	Other Non-Ferrous	4044	Other Non-Ferrous	1486
Tin Cans	1141	Tin Cans	1483	Tin Cans	1403	Tin Cans	1232	Tin Cans	3144	Tin Cans	3377	Tin Cans	1488	Tin Cans	1064
Ferrous	95963	Ferrous	8569	Ferrous	70102	Ferrous	96037	Ferrous	76952	Ferrous	73440	Ferrous	78627	Ferrous	41537
Plastic - PET	393	Plastic - PET	896	Plastic - PET	893	Plastic - PET	819	Plastic - PET	782	Plastic - PET	2459	Plastic - PET	850	Plastic - PET	563
Plastic - HDPE Nat	1691	Plastic - HDPE Nat	1289	Plastic - HDPE Nat	616	Plastic - HDPE Nat	849	Plastic - HDPE Nat	710	Plastic - HDPE Nat	451	Plastic - HDPE Nat	712	Plastic - HDPE Nat	586
Plastic - HDPE Col	78	Plastic - HDPE Col	31	Plastic - HDPE Col	440	Plastic - HDPE Col	426	Plastic - HDPE Col	332	Plastic - HDPE Col	1373	Plastic - HDPE Col	298	Plastic - HDPE Col	234
Plastic - Other	5579	Plastic - Other	364	Plastic - Other	965	Plastic - Other	758	Plastic - Other	314	Plastic - Other	1373	Plastic - Other	687	Plastic - Other	474
Foam Padding	339	Foam Padding	380	Foam Padding	129	Foam Padding	115	Foam Padding	96	Foam Padding	224	Foam Padding	115	Foam	45
Wood Recy	10	Wood Recy	37	Wood Recy	3637	Wood Recy	0	Wood Recy	0	Wood Recy	337	Wood Recy	948	Wood Recy	2149
Commingled	0	Commingled	197	Commingled	0	Commingled	19	Commingled	1	Commingled	80	Commingled	0	Commingled	0
Batteries (Car)	635	Batteries (Car)	0	Batteries (Car)	432	Batteries (Car)	474	Batteries (Car)	495	Batteries (Car)	657	Batteries (Car)	495	Batteries (Car)	571
Batteries (HH)	72	Batteries (HH)	765	Batteries (HH)	66	Batteries (HH)	3	Batteries (HH)	426	Batteries (HH)	1	Batteries (HH)	0	Batteries (HH)	0
Latex Paint	0	Latex Paint	554	Latex Paint	146	Latex Paint	317	Latex Paint	281	Latex Paint	378	Latex Paint	367	Latex Paint	233
Fluorescent Lights	0	Fluorescent Lights	36	Fluorescent Lights	4	Fluorescent Lights	11	Fluorescent Lights	17	Fluorescent Lights	18	Fluorescent Lights	19	Fluorescent Lights	16
Antifreeze	252	Antifreeze	316	Antifreeze	289	Antifreeze	339	Antifreeze	108	Antifreeze	379	Antifreeze	337	Antifreeze	152
Toner Cartridges	0	Toner Cartridges	0	Toner Cartridges	0	Toner Cartridges	0	Toner Cartridges	0	Toner Cartridges	0	Toner Cartridges	0	Toner Cartridges	63
Electronics	1974	Electronics	1386	Electronics	582	Electronics	37	Electronics	353	Electronics	218	Electronics	0	Electronics	0
Other	11539	Other	31	Other	2819	Other	3396	Other	86	Other	97	Other	96	Other	0
TOTAL	261052	TOTAL	241814	TOTAL	234245	TOTAL	256105	TOTAL	225930	TOTAL	224099	TOTAL	230451	TOTAL	161295

RECOVERY items (No Auto Hulks)	RECOVERY items (No Auto Hulks)	RECOVERY items (No Auto Hulks)	RECOVERY items (No Auto Hulks)	RECOVERY items (No Auto Hulks)	RECOVERY items (No Auto Hulks)	RECOVERY items (No Auto Hulks)	RECOVERY items (No Auto Hulks)
C&D	0	C&D	4768	C&D	931	C&D	3454
Wood Energy Rec	33684	Wood Energy Rec	31720	Wood Energy Rec	40214	Wood Energy Rec	73631
Oil	4704	Oil	4584	Oil	3,589	Oil	6151
Oil Filters	128	Oil Filters	61	Oil Filters	106	Oil Filters	77
Tires	1396	Tires	1639	Tires	241	Tires	798
HHW Fuel	0	HHW Fuel	0	HHW Fuel	553	HHW Fuel	0
Rendering	0	Rendering	0	Rendering	0	Rendering	0
Rubble	1124	Rubble	8710	Rubble	2,000	Rubble	1900
Roofing	1205	Roofing	841	Roofing	13	Roofing	1486
Vactor/Sweepings/Brush	0	Vactor/Sweepings/Brush	0	Vactor/Sweepings/Brush	293	Vactor/Sweepings/Brush	1803
Latex Paint	358						
TOTAL	42599	TOTAL	52322	TOTAL	47,941	TOTAL	89300
							4940
							7409

Tons of Garbage - City of Vancouver							
Year	Hauler	Residential	Commercial	Multifamily	Dropbox	Subtotals	Total
1999	WMV	10,115	21,388		25,159	56,661	88,775
	WCI	12,089	5,113	1,802	13,110	32,114	
2000	WMV	10,933	21,550		26,132	58,615	89,026
	WCI	11,857	8,604	4,064	5,885	30,410	
2001	WMV	10,669	21,358		25,032	57,059	88,118
	WCI	12,345	8,614	4,728	5,372	31,059	
2002	WMV	11,230	20,790		22,261	54,281	86,704
	WCI	12,370	8,800	4,330	6,923	32,423	
2003	WMV	11,264	21,115		18,832	51,211	87,108
	WCI	13,335	9,727	4,522	8,313	35,897	
2004	WMV	11,796	21,765		19,543	53,104	90,621
	WCI	14,581	9,904	4,551	8,481	37,517	
2005	WMV	7,950	11,698		15,162	34,809	94,033
	WCI	18,834	18,662	5,804	15,923	59,223	
2006	WCI	27,576	34,155	8,988	32,077		102,795
2007	WCI	28,005	34,053	9,058	30,948		102,063
2008	WCI	27,504	32,156	8,991	31,309		99,960
2009	WCI	27,542	29,046	8,677	26,056		91,322
2010	WCI	26,400	29,143	8,821	24,966		89,330

Source: Contractor reports to City of Vancouver

Tons of Garbage - WUTC (Unincorporated Clark County + Battle Ground)						
Year	Hauler	Residential	Commercial	Multifamily	Dropbox	Total
2006	WCI	49,801	21,008	1,106	29,503	101,418
2007	WCI	49,577	22,386	1,178	25,644	98,785
2008	WCI	47,247	16,109	1,028	22,028	86,412
2009	WCI	44,537	14,219	908	17,897	77,561
2010	WCI	44,675	14,830	947	17,741	78,193

Source: WCI; Note: Unincorporated Clark County includes La Center and Yacolt

**SFGarbage Customer Census
(City of Vancouver)**

	Weekly				Every Other Week		Monthly	Other	Total Residential Garbage Customers
	20 Gal.	32 Gal.	64 Gal.	96 Gal.	20 Gal.	32 Gal.	32 Gal.		
1999	5%	68%	9%	1%	2%	9%	5%	1.00%	37,389
2000	5%	69%	9%	0.60%	2%	9%	4%	0.40%	35,085
2001	5%	67%	9%	0.64%	1%	9%	4%	4.36%	35,793
2002	4%	68%	9%	0.68%	1%	9%	5%	3%	36,234
2003	4%	68%	8%	0.67%	1%	9.18%	5%	4.15%	37,081
2004	5%	67%	9%	1%	1%	9%	4%	4%	37,463
2005	4%	68%	12%	1%	1%	8%	4%	2%	38,989
2006	4%	66%	13%	1%	1%	8%	4%	3%	39,272
2007	4%	67%	14%	1%	1%	8%	3%	2%	39,916
2008	4%	65%	15%	1%	1%	9%	4%	1%	40,144
2009	4%	65%	15%	1%	1%	9%	4%	1%	40,181
2010	4%	64%	13%	1%	1%	11%	4%	2%	40,500

**SF Garbage Customer Census
(WUTC - Clark County)**

	Weekly				Every Other Week		Monthly	Total Residential Garbage Customers
	20 Gal.	32 Gal.	(2) 32 Gal.	(3-5) 32 Gal.	20 Gal.	32 Gal.	32 Gal.	
1999	2.70%	71.90%	13.90%	0.70%	0.80%	6.00%	3.90%	52,874
2006	1.48%	64.19%	22.29%	1.74%	0.47%	7.79%	2.05%	52,609
2007	1.31%	63.93%	22.05%	1.95%	0.39%	8.56%	1.81%	55,579
2008	1.27%	64.51%	21.65%	1.86%	0.38%	8.90%	1.43%	56,224
2009	1.21%	66.47%	19.74%	1.45%	0.40%	10.74%	0.00%	55,064
2010	1.13%	66.95%	18.19%	1.29%	0.48%	11.96%	0.00%	55,933

Tons of Garbage - City of Washougal							
Year	Hauler	Residential	Commercial	Multifamily	Dropbox	Total	Customers
2006	WCI	3,263	2,171	148	3,004	8,586	5,108
2007	WCI	3,522	1,607	103	3,020	8,252	5,795
2008	WCI	3,309	1,762	112	2,722	7,905	6,141
2009	WCI	4,086	1,784	107	1,684	7,661	4,696
2010	WCI	2,863	1,589	101.42	1,616	6,169	4,717
<i>Source: WCI</i>							

Tons of Garbage - City of Camas							
Year	Hauler	Residential	Commercial	Multifamily	Dropbox	Subtotals	Total
2006	CAMAS					7,172	9,962
	WCI				2,790	2,790	
2007	CAMAS					7,114	9,026
	WCI				1,912	1,912	
2008	CAMAS					6,854	8,819
	WCI				1,965	1,965	
2009	CAMAS					6,560	8,250
	WCI				1,690	1,690	
2010	CAMAS					6,723	8,583
	WCI	0	11		1,860	1,860	
<i>Source: WCI; City of Camas</i>							

Tons of Garbage - City of Ridgefield							
Year	Hauler	Residential	Commercial	Multifamily	Dropbox	Total	Customers
2006	WCI	799	588	0	2,071	3,458	1,046
2007	WCI	1,047	763	0	1,663	3,473	1,299
2008	WCI	938	525	0	1,145	2,608	1,362
2009	WCI	1,202	540	0	975	2,717	1,414
2010	WCI	1,050	578	0	1,030	2,657	1,463
<i>Source: WCI</i>							

HOUSEHOLD HAZARDOUS WASTE									
YEAR	POUNDS COLLECTED					DISPOSAL OPTION-POUNDS INCINERATED			
	Mobile	Fixed	Curb-side	Other Sites	TOTAL	PESTICIDES (liquid, solid and aerosol)	REACTIVE (dangerous when wet, oxidizers, peroxides)	FLAMMABLE SOLIDS	TOTAL
1999	17,705	889,545	512,260	115,480	1,534,990	35,718	2,514	615	38,847
2000	26,587	679,348	438,380	298,227	1,442,542	31,220	2,295	400	33,915
2001	49,667	738,077	463,240	375,632	1,626,616	41,092	3,285	357	44,734
2002	35,698	787,051	385,020	451,484	1,659,253	47,141	2,925	543	50,609
2003	112,592	915,372	366,800	484,510	1,879,274	67,110	2,713	87	69,910
2004	108,036	1,049,600	503,060	378,587	2,039,283	63,182	4,368	412	67,962
2005	114,476	1,462,579	636,960	205,440	2,419,455	64,746	5,359	150	70,255
2006	218,543	1,947,360	447,412	150,576	2,763,891	76,197	4,213	38	80,448
2007	207,634	2,080,614	409,800	133,616	2,831,664	55,508	6,802	61	62,371
2008	243,307	1,437,030	426,480	139,000	2,245,817	68,447	4,641	641	73,729
2009	125,291	1,543,532	441,200	127,536	2,237,559	61,574	3,048	291	64,913
2010	154,552	1,595,778	734,861	118,820	2,604,011	100,059	3,453	87	103,599
TOTAL	1,414,088	15,125,886	5,765,473	2,978,908	25,284,355	711,994	45,616	3,682	761,292

YEAR	DISPOSAL OPTION-POUNDS RECYCLED									
	ANTIFREEZE	MIXED BATTERIES	VEHICLE BATTERIES	BLACK FOAM	FLUORESCENT TUBES	E-WASTE	LATEX PAINT	MERCURY BEARING WASTE	OIL FILTERS	TOTAL
1999	21,230	3,671	176,050	0	0	0	115,539	16	0	316,506
2000	23,110	3,712	180,550	0	0	0	172,585	0	0	379,957
2001	28,725	5,404	183,870	0	50	0	207,076	5	0	425,130
2002	28,063	5,509	201,955	0	7,144	0	196,426	70	0	439,167
2003	37,720	9,231	213,140	0	6,249	123,176	243,797	28	0	633,341
2004	40,210	12,913	232,676	555	8,083	162,982	204,561	8	925	662,913
2005	34,913	13,697	214,152	0	12,518	214,952	181,155	87	0	671,474
2006	61,942	25,697	196,056	2,590	12,870	506,296	164,502	176	450	970,579
2007	28,510	13,726	189,704	9,870	8,928	646,876	187,095	66	250	1,085,025
2008	31,920	30,595	149,299	9,710	13,747	729,048	292,095	118	670	1,257,202
2009	165,500	30,843	133,730	14,645	9,962	141,924	111,304	24	180	608,112
2010	45,043	50,314	128,563	16,670	13,283	282,218	529,345	53	365	1,065,854
TOTAL	546,886	205,312	2,199,745	54,040	92,834	2,807,472	2,605,480	652	2,840	8,515,260

YEAR	DISPOSAL OPTION-POUNDS ALTERNATIVE FUELS					DISPOSAL OPTION-POUNDS LANDFILLED				
	AEROSOLS (paint, propane, etc)	MOTOR OIL	OIL BASE PAINT	SOLVENTS	TOTAL	PCB BALLASTS	LATEX PAINT	E-WASTE	SHARPS	TOTAL
1999	16,030	840,280	129,598	109,060	1,094,968	0	76,205	0	0	76,205
2000	12,355	721,360	160,968	83,380	978,063	600	40,212	0	0	40,812
2001	8,340	772,480	166,154	134,448	1,081,422	850	68,927	0	0	69,777
2002	15,642	708,140	168,316	150,173	1,042,271	800	116,050	0	0	116,850
2003	10,900	700,960	179,959	148,543	1,040,362	634	81,460	29,024	0	111,118
2004	8,186	747,460	190,270	172,973	1,118,889	484	125,243	38,703	1,372	165,802
2005	10,583	1,078,720	192,942	169,003	1,451,248	1,053	159,056	37,933	4,020	202,062
2006	16,874	803,396	254,568	210,355	1,285,193	672	225,574	170,225	4,240	400,711
2007	16,035	721,476	367,856	152,962	1,258,329	1,250	243,136	165,821	980	411,187
2008	15,820	707,260	251,144	132,520	1,106,744	1,350	413,555	11,490	11,960	438,355
2009	17,784	710,596	222,258	75,205	1,025,843	110	491,067	7,033	11,840	510,050
2010	24,591	952,108	264,295	72,620	1,313,614	3,940	42,760	9,420	17,880	74,000
TOTAL	173,140	9,464,236	2,548,328	1,611,242	13,796,946	11,743	2,083,245	469,649	52,292	1,594,524

YEAR	DISPOSAL OPTION-POUNDS TREATED			DISPOSAL OPTIONS BY PER CENT OF TOTALS					
	ACIDS	BASES	TOTAL	Recycle	Incinerated	Alternative Fuel	Treatment	Landfill	TOTAL
1999	4,475	3,989	8,464	20.6%	2.5%	71.3%	0.6%	5.0%	100.0%
2000	4,215	5,580	9,795	26.3%	2.4%	67.8%	0.7%	2.8%	100.0%
2001	912	4,641	5,553	26.1%	2.8%	66.5%	0.3%	4.3%	100.0%
2002	5,266	5,090	10,356	26.5%	3.1%	62.8%	0.6%	7.0%	100.0%
2003	10,451	14,092	24,543	31.8%	3.7%	55.0%	1.3%	8.2%	100.0%
2004	9,702	15,742	25,444	32.6%	3.3%	54.7%	1.2%	8.2%	100.0%
2005	9,900	14,516	24,416	27.8%	2.9%	60.0%	1.2%	8.4%	100.1%
2006	11,355	18,197	29,552	35.0%	46.5%	1.1%	2.9%	14.5%	100.0%
2007	10,328	14,295	24,623	38.0%	2.2%	44.4%	0.9%	14.5%	100.0%
2008	11,537	19,802	31,339	43.5%	2.6%	37.8%	1.1%	15.0%	100.0%
2009	10,824	17,817	28,641	27.2%	2.9%	45.8%	1.3%	22.8%	100.0%
2010	14,100	32,844	46,944	40.7%	4.0%	50.6%	1.8%	2.9%	100.0%
TOTAL	103,065	166,605	269,670	29.4%	7.7%	53.7%	1.1%	8.1%	100.0%

YEAR	PARTICIPANTS										TOTAL POUNDS ALL DISPOSAL OPTIONS	POUNDS PER PARTICIPANT
	MOBILE	CRC			JAIL WORK CENTER/EMPOWER UP	PHILIP SERVICES	PAINT TAKE BACK	HOME COLLECTION	CONTROLLED SUBSTANCES	TOTAL PARTICIPANTS		
1999	159	4,366	72,480	0	0	0	0	0	0	77,005	1,534,990	20
2000	369	3,402	58,826	0	0	0	0	0	0	62,597	1,442,542	23
2001	522	3,130	65,758	0	0	0	0	0	0	69,410	1,626,616	23
2002	408	2,793	57,152	0	183	0	34	0	0	60,570	1,659,253	27
2003	877	3,476	53,884	734	285	0	16	0	0	59,272	1,879,274	32
2004	1,599	4,335	70,411	1,351	317	0	5	36	0	78,054	2,039,283	26
2005	1,465	8,515	91,958	1,468	389	147	6	149	0	104,097	2,419,455	23
2006	3,284	9,598	72,930	2,440	474	223	12	209	0	89,170	2,763,891	31
2007	2,536	11,448	66,661	2,532	611	212	3	301	0	84,304	2,831,664	34
2008	4,553	9,296	65,675	3,216	761	198	7	470	0	84,176	2,245,817	27
2009	3,135	6,316	64,340	1,750	515	721	4	789	0	77,570	2,237,559	29
2010	5,783	8,202	110,794	2,846	2	807	5	964	0	129,403	2,604,011	20
TOTAL	24,690	74,877	850,869	16,337	3,537	2,308	92	2,918	0	975,628	18,196,968	19

HHW SUMMARY BY COLLECTION VENUE						
YEAR	CURBSIDE RECYCLING	FIXED FACILITIES*	MOBILE EVENTS**	METRO LATEX	OTHER EVENTS***	TOTAL
1993	464,920	699,892	0	0	23,260	1,188,072
1994	332,816	435,401	0	0	54,880	823,097
1995	400,280	581,925	0	0	53,960	1,036,165
1996	422,020	872,470	0	0	64,880	1,359,370
1997	501,820	745,923	0	0	91,240	1,338,983
1998	536,780	746,630	12,322	0	100,560	1,396,292
1999	512,260	889,545	17,705	0	115,480	1,534,990
2000	438,380	679,348	26,587	202,927	95,300	1,442,542
2001	463,240	738,077	49,667	260,272	115,360	1,626,616
2002	385,020	787,051	35,698	314,864	136,620	1,659,253
2003	366,800	915,372	112,592	322,370	162,140	1,879,274
2004	503,060	1,050,972	108,036	326,607	51,980	2,040,655
2005	636,960	1,112,908	114,476	349,671	205,440	2,419,455
2006	447,412	1,598,521	218,543	348,840	150,576	2,763,892
2007	409,800	1,525,278	207,634	555,336	133,616	2,831,664
2008	426,480	1,437,030	243,307	679,199	139,000	2,925,016
2009	441,200	1,235,232	125,291	308,300	127,536	2,237,559
2010	734,861	1,595,778	154,552	0	118,820	2,604,011
TOTAL	6,821,568	13,379,313	903,260	3,668,386	1,694,292	30,502,895
Yearly Average	454,771	891,954	60,217	244,559	112,953	2,033,526

***INCLUDES CENTRAL TRANSFER AND RECYCLING CENTER, WEST VAN MATERIALS RECOVERY CENTER, PHILIP SERVICES CORPORATION, JAIL WORK CENTER, SHERIFF'S WEST PRECINCT, AND HOME COLLECTION PROGRAM**

****INCLUDES PAINT TAKE BACK PROGRAM**

Solid Waste & Recycling Contractor Services				
	Single-family Recycling	Multifamily Recycling	Yard Debris	Garbage
Ridgefield	Contractor: WCI Expires: December 31, 2019 Option to extend for 2 – 5 year periods			
Camas*	Contractor for recycling & yard waste: WCI Expires: December 31, 2019 Option to extend for 4 – 5 year periods			
	Contractor for roll off service: WCI Extended through December 31, 2013 Option to extend for 2 more 5 year periods			
Washougal	Contractor: WCI Expires: April 1, 2024 Option to extend for 4 – 5 year periods			
Vancouver	Contractor: WCI Expires: January 31, 2020 Option to extend w/annexations. The City may extend the contract for two additional one-year periods			
County-Urban (includes City of Battle Ground)	Contractor: WCI Expires: December 31, 2016		Contractor: WCI Expires: July 31, 2013. No additional options to extend.	WUTC
County-Rural (includes City of La Center, Town of Yacolt)			La Center through WUTC	WUTC
* Camas hauls residential				
WCI = Waste Connections, Inc. (www.wasteconnections.com) www.wcnorthwest.com/				
WCI holds contract for School Recycling (Battle Ground, Camas, Evergreen, Hockinson, La Center, Ridgefield, Vancouver, and Washougal school districts). Expired September 30, 2011 and extension option was used to extend to September 30, 2012. Additional Option to extend for (2) - 1 year periods.				
Philip Services Corp: Mobile Collection & Door-to-Door. Expires: December 31, 2011. Option to extend for (2) - 2 year period (Month to Month contract)				
EmpowerUp - contract expires 12/31/11 - not renewed				
Jackson Oil (maintains oil container at 404 N.E. 78th St.) no expiration date - ongoing				

Solid Waste Disposal “Tip” Fee					
	Tipping Fee	Drop Loads	Percent Change	CPI Annual	Transaction Fee
1998	\$74.50	n/a	-	-	n/a
1999	\$66.85	\$59.40	-	-	\$10.00 per load
1999 (July 1)	\$65.10	\$57.65	-	-	\$10.00 per load
2000	\$65.10	\$57.65	-	-	\$10.00 per load
2001	\$67.56	\$59.83	3.8%	3.1%	\$10.00 per load
2002	\$69.04	\$61.14	2.2%	2.5%	\$10.00 per load
2003	\$69.78	\$61.79	1.1%	0.8%	\$10.00 per load
2004	\$70.73	\$62.64	1.4%	1.4%	\$10.00 per load
2005	\$71.75	\$63.53	1.4%	2.6%	\$10.00 per load
2006	\$73.18	\$64.80	2.0%	2.6%	\$10.00 per load
2007	\$74.72	\$66.16	2.1%	2.6%	\$10.00 per load
2008	\$76.77	\$67.98	2.8%	3.3%	\$10.00 per load
2009	\$79.35	\$70.26	3.4%	3.3%	\$10.00 per load
2010	\$79.35	\$70.26	0.0%	-0.7%	\$10.00 per load
2011	\$80.96	\$71.68	2.0%	2.5%	\$10.00 per load

*Fourth Amendment: Tip fee for MSW reduced from \$66.85 to \$65.10, and Tip Fee for Drop Box reduced from \$59.40 to \$57.65 on July 1, 1999
<http://data.bls.gov>

Waste Stream Analysis					
Category	1993	1995	1999	2003	2008
Paper	26.2%	23.3%	21.8%	19.2%	18.3%
Newspaper	1.8%	2.0%	2.1%	1.6%	1.0%
Cardboard	4.7%	5.3%	4.7%	4.0%	4.7%
Office and Computer	0.9%	0.9%	0.9%		
Mixed Waste Paper	7.7%	6.7%	4.2%	7.0%	5.8%
Magazines			1.1%		
Milk Cartons, Other			0.2%		0.2%
Non-Recyclable Paper	11.1%	8.4%	8.5%	6.5%	6.5%
Plastic	10.4%	11.6%	12.9%	11.5%	13.2%
PET Bottles	0.2%	0.4%	0.4%	2.2%	0.8%
HDPE Bottles	0.6%	0.7%	0.5%		0.6%
Bottles 3-7			0.1%		0.1%
Plastic Packaging	3.9%	6.9%	6.8%	7.7%	7.4%
Other Plastic Products	5.4%	3.0%	4.3%	1.7%	3.7%
Expanded Polystyrene	0.3%	0.6%	0.8%		0.6%
Metal	6.2%	6.6%	7.2%	7.1%	6.8%
Aluminum Cans	0.4%	0.4%	0.4%	0.3%	0.3%
Aluminum Containers	0.1%	0.1%	0.1%		
Tin Cans	0.9%	1.1%	0.9%		0.9%
Mixed Metals/Materials	2.2%	1.5%	2.9%	3.3%	2.4%
Ferrous Metals	2.1%	2.5%	2.1%	3.1%	2.8%
White Goods	0.3%	0.6%	0.2%		
Non-Ferrous Metals	0.2%	0.3%	0.3%	0.2%	0.3%
Aerosol Cans		0.1%	0.2%	0.1%	
Glass	2.7%	2.7%	3.2%	2.2%	2.8%
Clear Bottles	1.4%	1.4%	1.5%	1.0%	1.0%
Brown Bottles	0.4%	0.4%	0.7%	0.5%	0.5%
Green Bottles	0.3%	0.4%	0.4%	0.3%	0.3%
Non-Recyclable Glass	0.6%	0.5%	0.5%	0.5%	0.9%
Organic	28.9%	26.8%	26.3%	29.5%	17.7%
Food Wastes	12.1%	11.9%	14.5%	15.3%	16.3%
Yard Debris	5.8%	4.1%	3.3%	3.8%	1.5%
Recoverable Wood	11.0%	10.8%	8.5%	10.4%	9.7%
Other Materials	17.8%	19.8%	23.0%	15.5%	19.7%
Construction/Demolition	8.4%	8.9%	7.4%	7.6%	6.0%
Tires	0.1%	0.3%	0.3%		
Rubber Products	0.6%	0.2%	0.3%		
Disposable Diapers	2.1%	2.8%	3.1%		
Textiles	4.6%	5.7%	3.5%		
Carpet			2.8%	4.5%	1.9%
Leather	0.0%	0.1%	0.1%		
Hazardous Waste	1.8%	1.5%	2.4%	1.2%	2.1%
Household Batteries					
E-Waste					
Fines			2.8%		
Ash	0.2%	0.3%	0.3%		
Reusable Products				2.2%	
Remaining Waste	8.0%	9.3%	5.7%	15.0%	21.6%
	100.0%	100.0%	100.0%	100.0%	100.0%