

Additional Alternative Scenario Analysis - Processing Modeling Results

December 1, 2020

Original Baseline: Pre-Disruption List (S0)												
FINAL - Statewide 2025: On-Route Residential & Commercial, Self-Haul (excluding Bottle Bill)												
Material	Generation	Collection for Recycling and Composting					Bales for Marketing			Disposal (Landfill and Other)		
	Generated (tons)	Collected for Organics (tons)	Collected for Recycling (tons)	Recycling Collection Rate (inbound)	Recycling Collected Separately: glass and depot (tons)	Recycling Collected Commingled or Dual-stream (tons)	Bales: target materials and contamination (tons)	Bales: only target materials (tons)	Recycling Capture Rate (baled for marketing)	Disposed as Residue: originally collected for recycling (tons)	Directly disposed: originally collected as garbage (tons)	Total Disposed (tons)
Paper	594,947	-	386,221	64.9%	120,012	266,209	378,359	375,963	63.2%	7,862	208,726	216,588
Corrugated cardboard	319,486	-	237,064	74.2%	114,757	122,307	235,841	235,674	73.8%	1,223	82,422	83,646
Newspaper	51,635	-	43,500	84.2%	1,211	42,289	42,443	42,232	81.8%	1,057	8,135	9,192
Printing and writing paper	110,233	-	55,835	50.7%	2,735	53,100	52,118	51,056	46.3%	3,717	54,398	58,115
Paperboard	65,019	-	37,379	57.5%	1,022	36,358	36,652	36,289	55.8%	727	27,640	28,367
Other paper recyclable with newspaper	8,983	-	2,939	32.7%	81	2,858	2,739	2,681	29.9%	200	6,044	6,244
Other paper not recyclable with newspaper	9,449	-	5,856	62.0%	161	5,695	5,743	5,287	55.9%	114	3,593	3,707
Gable tops & aseptics	4,564	-	1,820	39.9%	46	1,774	1,106	1,100	24.1%	714	2,744	3,458
Polycoated containers & cups	25,577	-	1,828	7.1%	-	1,828	1,718	1,645	6.4%	110	23,750	23,859
Plastic	180,565	-	27,247	15.1%	4,544	22,703	22,114	20,392	11.3%	5,132	153,318	158,451
PET bottles (BB)	7,582	-	1,625	21.4%	82	1,543	1,486	1,394	18.4%	139	5,957	6,096
Other PET bottles & jars	13,355	-	5,146	38.5%	262	4,884	4,707	4,414	33.0%	440	8,209	8,648
PET tubs	714	-	191	26.7%	10	181	64	37	5.2%	126	523	649
PET thermoforms	7,872	-	1,356	17.2%	14	1,342	417	216	2.7%	939	6,515	7,455
HDPE bottles & jars	11,090	-	4,927	44.4%	251	4,676	4,787	4,646	41.9%	140	6,164	6,304
HDPE bottles (BB)	73	-	16	21.5%	1	15	15	15	20.3%	0	57	58
HDPE tubs	4,459	-	1,185	26.6%	61	1,124	1,152	1,118	25.1%	34	3,274	3,308
Other deposit plastic bottles	146	-	31	21.5%	2	30	9	-	0.0%	22	115	137
Other other bottles	834	-	327	39.2%	16	311	93	-	0.0%	233	507	741
Other accepted tubs & pails	414	-	111	26.7%	6	105	87	76	18.4%	23	303	326
Other bulky rigids	27,871	-	1,038	3.7%	29	1,010	1,038	1,038	3.7%	-	26,833	26,833
Other other rigid plastic containers	10,512	-	898	8.5%	22	876	263	-	0.0%	636	9,614	10,250
PP bottles & jars	442	-	188	42.5%	10	178	96	55	12.5%	92	254	346
PP bottles (BB)	73	-	16	21.5%	1	15	8	5	6.3%	8	57	65
PP rigid packaging and products	11,523	-	913	7.9%	1	912	885	867	7.5%	27	10,610	10,637
PP rigid products	11,551	-	1,144	9.9%	12	1,132	1,144	1,144	9.9%	-	10,407	10,407
PP tubs and small rigids	5,747	-	1,767	30.7%	79	1,688	1,716	1,683	29.3%	51	3,980	4,031
Solid polystyrene	2,406	-	125	5.2%	0	125	38	0	0.0%	87	2,281	2,368
Polystyrene foam	5,311	-	200	3.8%	1	199	71	1	0.0%	129	5,110	5,240
PE film	57,781	-	6,043	10.5%	3,684	2,359	4,038	3,684	6.4%	2,005	51,738	53,743
Other recoverable film	809	-	-	0.0%	-	-	-	-	0.0%	-	809	809
Metals	126,841	-	65,193	51.4%	51,748	13,445	65,058	63,841	50.3%	134	61,648	61,783
Deposit and accepted aluminum cans	4,127	-	553	13.4%	105	448	549	499	12.1%	4	3,574	3,579
Deposit and accepted steel cans	25,842	-	7,941	30.7%	1,186	6,755	7,874	7,333	28.4%	68	17,901	17,969
Accepted other aluminum	5,397	-	977	18.1%	680	297	974	941	17.4%	3	4,420	4,423
Accepted other steel	44,141	-	31,161	70.6%	25,726	5,434	31,106	30,563	69.2%	54	12,980	13,035
Scrap metals	47,333	-	24,561	51.9%	24,050	510	24,556	24,505	51.8%	5	22,773	22,778
Glass	94,109	-	62,634	66.6%	58,421	4,214	58,505	58,421	62.1%	4,130	31,474	35,604
Deposit glass bottles	23,584	-	11,623	49.3%	10,516	1,107	10,538	10,516	44.6%	1,085	11,961	13,046
Container glass	70,525	-	51,012	72.3%	47,905	3,107	47,967	47,905	67.9%	3,045	19,513	22,558
Other	2,646,776	452,888	34,940		129	34,812	10,014	-		24,927	2,158,948	2,183,875
Compostables	1,287,783	452,888	9,301		-	9,301	2,425	-		6,875	825,595	832,470
Other recoverables	256,809	-	-		-	-	-	-		-	256,809	256,809
Other materials	1,102,184	-	25,640		129	25,511	7,588	-		18,052	1,076,544	1,094,596
Total in-scope materials	3,643,237	452,888	576,235	15.8%	234,853	341,382	534,050	518,617	14.2%	42,185	2,614,115	2,656,300
Total in-scope recoverables	996,461	-	541,295	54.3%	234,725	306,570	524,036	518,617	52.0%	17,258	455,167	472,425
Total MRF inbound contamination tons						48,975						
Total MRF inbound contamination rate						14.3%						

Figures in this report represent the consultant team's best modeling estimates based on available data.

Revised Baseline: Post-Disruption List (S5)												
FINAL - Statewide 2025: On-Route Residential & Commercial, Self-Haul (excluding Bottle Bill)												
Material	Generation	Collection for Recycling and Composting					Bales for Marketing			Disposal (Landfill and Other)		
	Generated (tons)	Collected for Organics (tons)	Collected for Recycling (tons)	Recycling Collection Rate (inbound)	Recycling Collected Separately: glass and depot (tons)	Recycling Collected Commingled or Dual-stream (tons)	Bales: target materials and contamination (tons)	Bales: only target materials (tons)	Recycling Capture Rate (baled for marketing)	Disposed as Residue: originally collected for recycling (tons)	Directly disposed: originally collected as garbage (tons)	Total Disposed (tons)
Paper	594,947	-	373,594	62.8%	118,736	254,859	366,248	364,080	61.2%	7,346	221,353	228,699
Corrugated cardboard	319,486	-	237,064	74.2%	114,757	122,307	235,841	235,674	73.8%	1,223	82,422	83,646
Newspaper	51,635	-	43,500	84.2%	1,211	42,289	42,443	42,232	81.8%	1,057	8,135	9,192
Printing and writing paper	110,233	-	53,423	48.5%	2,208	51,214	49,838	48,813	44.3%	3,585	56,810	60,395
Paperboard	65,019	-	30,424	46.8%	447	29,978	29,825	29,525	45.4%	600	34,595	35,195
Other paper recyclable with newspaper	8,983	-	2,390	26.6%	35	2,354	2,225	2,178	24.2%	165	6,593	6,758
Other paper not recyclable with newspaper	9,449	-	4,797	50.8%	70	4,728	4,703	4,325	45.8%	95	4,652	4,747
Gable tops & aseptics	4,564	-	1,088	23.8%	7	1,081	520	516	11.3%	568	3,476	4,043
Polycoated containers & cups	25,577	-	908	3.6%	-	908	854	817	3.2%	54	24,669	24,723
Plastic	180,565	-	21,909	12.1%	4,293	17,616	18,610	17,490	9.7%	3,299	158,656	161,955
PET bottles (BB)	7,582	-	1,625	21.4%	82	1,543	1,486	1,394	18.4%	139	5,957	6,096
Other PET bottles & jars	13,355	-	5,146	38.5%	262	4,884	4,707	4,414	33.0%	440	8,209	8,648
PET tubs	714	-	104	14.5%	0	103	31	16	2.2%	72	610	682
PET thermoforms	7,872	-	135	1.7%	1	134	41	21	0.3%	94	7,736	7,830
HDPE bottles & jars	11,090	-	4,927	44.4%	251	4,676	4,787	4,646	41.9%	140	6,164	6,304
HDPE bottles (BB)	73	-	16	21.5%	1	15	15	15	20.3%	0	57	58
HDPE tubs	4,459	-	637	14.3%	3	634	618	599	13.4%	19	3,823	3,842
Other deposit plastic bottles	146	-	16	11.0%	0	16	5	-	0.0%	11	130	141
Other other bottles	834	-	171	20.5%	1	171	51	-	0.0%	120	663	783
Other accepted tubs & pails	414	-	61	14.7%	0	60	47	40	9.7%	14	353	367
Other bulky rigids	27,871	-	672	2.4%	2	670	672	672	2.4%	-	27,199	27,199
Other other rigid plastic containers	10,512	-	88	0.8%	-	88	26	-	0.0%	61	10,425	10,486
PP bottles & jars	442	-	96	21.7%	0	95	47	26	5.9%	48	346	394
PP bottles (BB)	73	-	9	12.5%	0	9	5	2	3.4%	5	64	69
PP rigid packaging and products	11,523	-	411	3.6%	-	411	398	390	3.4%	12	11,112	11,124
PP rigid products	11,551	-	693	6.0%	1	692	693	693	6.0%	-	10,857	10,857
PP tubs and small rigids	5,747	-	923	16.1%	3	920	896	877	15.3%	28	4,824	4,852
Solid polystyrene	2,406	-	27	1.1%	-	27	8	-	0.0%	19	2,379	2,398
Polystyrene foam	5,311	-	110	2.1%	-	110	38	-	0.0%	71	5,201	5,272
PE film	57,781	-	6,043	10.5%	3,684	2,359	4,038	3,684	6.4%	2,005	51,738	53,743
Other recoverable film	809	-	-	0.0%	-	-	-	-	0.0%	-	809	809
Metals	126,841	-	63,920	50.4%	51,748	12,172	63,798	62,710	49.4%	122	62,921	63,043
Deposit and accepted aluminum cans	4,127	-	553	13.4%	105	448	549	499	12.1%	4	3,574	3,579
Deposit and accepted steel cans	25,842	-	7,941	30.7%	1,186	6,755	7,874	7,333	28.4%	68	17,901	17,969
Accepted other aluminum	5,397	-	855	15.8%	680	175	853	834	15.5%	2	4,541	4,543
Accepted other steel	44,141	-	30,010	68.0%	25,726	4,283	29,967	29,539	66.9%	43	14,131	14,174
Scrap metals	47,333	-	24,561	51.9%	24,050	510	24,556	24,505	51.8%	5	22,773	22,778
Glass	94,109	-	62,634	66.6%	58,421	4,214	58,505	58,421	62.1%	4,130	31,474	35,604
Deposit glass bottles	23,584	-	11,623	49.3%	10,516	1,107	10,538	10,516	44.6%	1,085	11,961	13,046
Container glass	70,525	-	51,012	72.3%	47,905	3,107	47,967	47,905	67.9%	3,045	19,513	22,558
Other	2,646,776	452,888	32,637		127	32,509	9,323	-		23,314	2,161,252	2,184,566
Compostables	1,287,783	452,888	9,301		-	9,301	2,425	-		6,875	825,595	832,470
Other recoverables	256,809	-	-		-	-	-	-		-	256,809	256,809
Other materials	1,102,184	-	23,336		127	23,209	6,898	-		16,439	1,078,848	1,095,287
Total in-scope materials	3,643,237	452,888	554,695	15.2%	233,324	321,370	516,484	502,700	13.8%	38,211	2,635,655	2,673,866
Total in-scope recoverables	996,461	-	522,058	52.4%	233,197	288,861	507,161	502,700	50.4%	14,897	474,403	489,300
Total MRF inbound contamination tons						42,281						
Total MRF inbound contamination rate						13.2%						

Figures in this report represent the consultant team's best modeling estimates based on available data.
 Cascadia Consulting Group, Inc. | Circular Matters, LLC | Bell & Associates

+ Customer Engagement (S6/A-)												
FINAL - Statewide 2025: On-Route Residential & Commercial, Self-Haul (excluding Bottle Bill)												
Material	Generation	Collection for Recycling and Composting					Bales for Marketing			Disposal (Landfill and Other)		
	Generated (tons)	Collected for Organics (tons)	Collected for Recycling (tons)	Recycling Collection Rate (inbound)	Recycling Collected Separately: glass and depot (tons)	Recycling Collected Commingled or Dual-stream (tons)	Bales: target materials and contamination (tons)	Bales: only target materials (tons)	Recycling Capture Rate (baled for marketing)	Disposed as Residue: originally collected for recycling (tons)	Directly disposed: originally collected as garbage (tons)	Total Disposed (tons)
Paper	594,947	-	373,594	62.8%	118,736	254,859	366,248	364,080	61.2%	7,346	221,353	228,699
Corrugated cardboard	319,486	-	237,064	74.2%	114,757	122,307	235,841	235,674	73.8%	1,223	82,422	83,646
Newspaper	51,635	-	43,500	84.2%	1,211	42,289	42,443	42,232	81.8%	1,057	8,135	9,192
Printing and writing paper	110,233	-	53,423	48.5%	2,208	51,214	49,838	48,813	44.3%	3,585	56,810	60,395
Paperboard	65,019	-	30,424	46.8%	447	29,978	29,825	29,525	45.4%	600	34,595	35,195
Other paper recyclable with newspaper	8,983	-	2,390	26.6%	35	2,354	2,225	2,178	24.2%	165	6,593	6,758
Other paper not recyclable with newspaper	9,449	-	4,797	50.8%	70	4,728	4,703	4,325	45.8%	95	4,652	4,747
Gable tops & aseptics	4,564	-	1,088	23.8%	7	1,081	520	516	11.3%	568	3,476	4,043
Polycoated containers & cups	25,577	-	908	3.6%	-	908	854	817	3.2%	54	24,669	24,723
Plastic	180,565	-	21,084	11.7%	4,293	16,791	18,486	17,490	9.7%	2,598	159,481	162,078
PET bottles (BB)	7,582	-	1,625	21.4%	82	1,543	1,486	1,394	18.4%	139	5,957	6,096
Other PET bottles & jars	13,355	-	5,146	38.5%	262	4,884	4,707	4,414	33.0%	440	8,209	8,648
PET tubs	714	-	104	14.5%	0	103	31	16	2.2%	72	610	682
PET thermoforms	7,872	-	135	1.7%	1	134	41	21	0.3%	94	7,736	7,830
HDPE bottles & jars	11,090	-	4,927	44.4%	251	4,676	4,787	4,646	41.9%	140	6,164	6,304
HDPE bottles (BB)	73	-	16	21.5%	1	15	15	15	20.3%	0	57	58
HDPE tubs	4,459	-	637	14.3%	3	634	618	599	13.4%	19	3,823	3,842
Other deposit plastic bottles	146	-	16	11.0%	0	16	5	-	0.0%	11	130	141
Other other bottles	834	-	171	20.5%	1	171	51	-	0.0%	120	663	783
Other accepted tubs & pails	414	-	61	14.7%	0	60	47	40	9.7%	14	353	367
Other bulky rigids	27,871	-	672	2.4%	2	670	672	672	2.4%	-	27,199	27,199
Other other rigid plastic containers	10,512	-	88	0.8%	-	88	26	-	0.0%	61	10,425	10,486
PP bottles & jars	442	-	96	21.7%	0	95	47	26	5.9%	48	346	394
PP bottles (BB)	73	-	9	12.5%	0	9	5	2	3.4%	5	64	69
PP rigid packaging and products	11,523	-	411	3.6%	-	411	398	390	3.4%	12	11,112	11,124
PP rigid products	11,551	-	693	6.0%	1	692	693	693	6.0%	-	10,857	10,857
PP tubs and small rigids	5,747	-	923	16.1%	3	920	896	877	15.3%	28	4,824	4,852
Solid polystyrene	2,406	-	27	1.1%	-	27	8	-	0.0%	19	2,379	2,398
Polystyrene foam	5,311	-	110	2.1%	-	110	38	-	0.0%	71	5,201	5,272
PE film	57,781	-	5,218	9.0%	3,684	1,534	3,914	3,684	6.4%	1,304	52,563	53,867
Other recoverable film	809	-	-	0.0%	-	-	-	-	0.0%	-	809	809
Metals	126,841	-	63,716	50.2%	51,748	11,968	63,596	62,528	49.3%	120	63,125	63,245
Deposit and accepted aluminum cans	4,127	-	553	13.4%	105	448	549	499	12.1%	4	3,574	3,579
Deposit and accepted steel cans	25,842	-	7,941	30.7%	1,186	6,755	7,874	7,333	28.4%	68	17,901	17,969
Accepted other aluminum	5,397	-	855	15.8%	680	175	853	834	15.5%	2	4,541	4,543
Accepted other steel	44,141	-	30,010	68.0%	25,726	4,283	29,967	29,539	66.9%	43	14,131	14,174
Scrap metals	47,333	-	24,357	51.5%	24,050	306	24,353	24,323	51.4%	3	22,977	22,980
Glass	94,109	-	61,221	65.1%	58,421	2,801	58,477	58,421	62.1%	2,745	32,888	35,632
Deposit glass bottles	23,584	-	11,258	47.7%	10,516	742	10,531	10,516	44.6%	727	12,326	13,053
Container glass	70,525	-	49,963	70.8%	47,905	2,058	47,946	47,905	67.9%	2,017	20,561	22,579
Other	2,646,776	452,888	21,470		127	21,342	6,114	-		15,356	2,172,419	2,187,775
Compostables	1,287,783	452,888	5,429		-	5,429	1,380	-		4,048	829,467	833,515
Other recoverables	256,809	-	-		-	-	-	-		-	256,809	256,809
Other materials	1,102,184	-	16,041		127	15,914	4,734	-		11,308	1,086,143	1,097,451
Total in-scope materials	3,643,237	452,888	541,085	14.9%	233,324	307,761	512,921	502,518	13.8%	28,164	2,649,265	2,677,429
Total in-scope recoverables	996,461	-	519,615	52.1%	233,197	286,418	506,807	502,518	50.4%	12,808	476,846	489,654
Total MRF inbound contamination tons						28,672						
Total MRF inbound contamination rate						9.3%						

Figures in this report represent the consultant team's best modeling estimates based on available data.
 Cascadia Consulting Group, Inc. | Circular Matters, LLC | Bell & Associates

Engagement + Improved MRFs (S1/A)												
FINAL - Statewide 2025: On-Route Residential & Commercial, Self-Haul (excluding Bottle Bill)												
Material	Generation	Collection for Recycling and Composting					Bales for Marketing			Disposal (Landfill and Other)		
	Generated (tons)	Collected for Organics (tons)	Collected for Recycling (tons)	Recycling Collection Rate (inbound)	Recycling Collected Separately: glass and depot (tons)	Recycling Collected Commingled or Dual-stream (tons)	Bales: target materials and contamination (tons)	Bales: only target materials (tons)	Recycling Capture Rate (baled for marketing)	Disposed as Residue: originally collected for recycling (tons)	Directly disposed: originally collected as garbage (tons)	Total Disposed (tons)
Paper	594,947	-	373,594	62.8%	118,736	254,859	362,054	360,706	60.6%	11,541	221,353	232,893
Corrugated cardboard	319,486	-	237,064	74.2%	114,757	122,307	233,622	233,395	73.1%	3,442	82,422	85,865
Newspaper	51,635	-	43,500	84.2%	1,211	42,289	42,316	42,232	81.8%	1,184	8,135	9,319
Printing and writing paper	110,233	-	53,423	48.5%	2,208	51,214	48,765	48,301	43.8%	4,657	56,810	61,468
Paperboard	65,019	-	30,424	46.8%	447	29,978	28,985	28,925	44.5%	1,439	34,595	36,034
Other paper recyclable with newspaper	8,983	-	2,390	26.6%	35	2,354	2,201	2,154	24.0%	188	6,593	6,782
Other paper not recyclable with newspaper	9,449	-	4,797	50.8%	70	4,728	4,703	4,325	45.8%	95	4,652	4,747
Gable tops & aseptics	4,564	-	1,088	23.8%	7	1,081	579	536	11.7%	509	3,476	3,985
Polycoated containers & cups	25,577	-	908	3.6%	-	908	882	838	3.3%	26	24,669	24,695
Plastic	180,565	-	21,084	11.7%	4,293	16,791	18,589	18,053	10.0%	2,495	159,481	161,976
PET bottles (BB)	7,582	-	1,625	21.4%	82	1,543	1,553	1,501	19.8%	72	5,957	6,029
Other PET bottles & jars	13,355	-	5,146	38.5%	262	4,884	4,902	4,756	35.6%	244	8,209	8,453
PET tubs	714	-	104	14.5%	0	103	44	40	5.6%	60	610	669
PET thermoforms	7,872	-	135	1.7%	1	134	57	51	0.6%	78	7,736	7,815
HDPE bottles & jars	11,090	-	4,927	44.4%	251	4,676	4,787	4,693	42.3%	140	6,164	6,304
HDPE bottles (BB)	73	-	16	21.5%	1	15	15	15	20.5%	0	57	58
HDPE tubs	4,459	-	637	14.3%	3	634	618	605	13.6%	19	3,823	3,842
Other deposit plastic bottles	146	-	16	11.0%	0	16	2	-	0.0%	15	130	145
Other other bottles	834	-	171	20.5%	1	171	16	-	0.0%	155	663	818
Other accepted tubs & pails	414	-	61	14.7%	0	60	43	41	9.8%	18	353	371
Other bulky rigids	27,871	-	672	2.4%	2	670	672	672	2.4%	-	27,199	27,199
Other other rigid plastic containers	10,512	-	88	0.8%	-	88	8	-	0.0%	79	10,425	10,504
PP bottles & jars	442	-	96	21.7%	0	95	34	26	5.9%	62	346	408
PP bottles (BB)	73	-	9	12.5%	0	9	3	2	3.4%	6	64	70
PP rigid packaging and products	11,523	-	411	3.6%	-	411	398	390	3.4%	12	11,112	11,124
PP rigid products	11,551	-	693	6.0%	1	692	693	693	6.0%	-	10,857	10,857
PP tubs and small rigids	5,747	-	923	16.1%	3	920	896	877	15.3%	28	4,824	4,852
Solid polystyrene	2,406	-	27	1.1%	-	27	9	7	0.3%	18	2,379	2,397
Polystyrene foam	5,311	-	110	2.1%	-	110	10	-	0.0%	99	5,201	5,300
PE film	57,781	-	5,218	9.0%	3,684	1,534	3,829	3,684	6.4%	1,390	52,563	53,952
Other recoverable film	809	-	-	0.0%	-	-	-	-	0.0%	-	809	809
Metals	126,841	-	63,716	50.2%	51,748	11,968	63,594	63,449	50.0%	121	63,125	63,247
Deposit and accepted aluminum cans	4,127	-	553	13.4%	105	448	549	531	12.9%	4	3,574	3,579
Deposit and accepted steel cans	25,842	-	7,941	30.7%	1,186	6,755	7,874	7,806	30.2%	68	17,901	17,969
Accepted other aluminum	5,397	-	855	15.8%	680	175	852	838	15.5%	4	4,541	4,545
Accepted other steel	44,141	-	30,010	68.0%	25,726	4,283	29,967	29,924	67.8%	43	14,131	14,174
Scrap metals	47,333	-	24,357	51.5%	24,050	306	24,353	24,350	51.4%	3	22,977	22,980
Glass	94,109	-	61,221	65.1%	58,421	2,801	58,477	58,421	62.1%	2,745	32,888	35,632
Deposit glass bottles	23,584	-	11,258	47.7%	10,516	742	10,531	10,516	44.6%	727	12,326	13,053
Container glass	70,525	-	49,963	70.8%	47,905	2,058	47,946	47,905	67.9%	2,017	20,561	22,579
Other	2,646,776	452,888	21,470		127	21,342	1,956	-		19,513	2,172,419	2,191,932
Compostables	1,287,783	452,888	5,429		-	5,429	460	-		4,969	829,467	834,436
Other recoverables	256,809	-	-		-	-	-	-		-	256,809	256,809
Other materials	1,102,184	-	16,041		127	15,914	1,497	-		14,544	1,086,143	1,100,687
Total in-scope materials	3,643,237	452,888	541,085	14.9%	233,324	307,761	504,670	500,629	13.7%	36,415	2,649,265	2,685,680
Total in-scope recoverables	996,461	-	519,615	52.1%	233,197	286,418	502,714	500,629	50.2%	16,901	476,846	493,747
Total MRF inbound contamination tons						28,672						
Total MRF inbound contamination rate						9.3%						

Figures in this report represent the consultant team's best modeling estimates based on available data.
 Cascadia Consulting Group, Inc. | Circular Matters, LLC | Bell & Associates

Engagement + MRFs + Expanded Lists (S2/A+)												
FINAL - Statewide 2025: On-Route Residential & Commercial, Self-Haul (excluding Bottle Bill)												
Material	Generation	Collection for Recycling and Composting					Bales for Marketing			Disposal (Landfill and Other)		
	Generated (tons)	Collected for Organics (tons)	Collected for Recycling (tons)	Recycling Collection Rate (inbound)	Recycling Collected Separately: glass and depot (tons)	Recycling Collected Commingled or Dual-stream (tons)	Bales: target materials and contamination (tons)	Bales: only target materials (tons)	Recycling Capture Rate (baled for marketing)	Disposed as Residue: originally collected for recycling (tons)	Directly disposed: originally collected as garbage (tons)	Total Disposed (tons)
Paper	594,947	-	406,912	68.4%	120,133	286,779	394,737	392,466	66.0%	12,174	188,035	200,209
Corrugated cardboard	319,486	-	237,553	74.4%	114,757	122,796	234,090	233,958	73.2%	3,463	81,934	85,396
Newspaper	51,635	-	44,681	86.5%	1,211	43,470	43,463	43,396	84.0%	1,219	6,954	8,172
Printing and writing paper	110,233	-	62,624	56.8%	2,735	59,889	57,813	56,895	51.6%	4,811	47,609	52,420
Paperboard	65,019	-	40,989	63.0%	1,022	39,968	39,069	39,020	60.0%	1,921	24,030	25,951
Other paper recyclable with newspaper	8,983	-	4,762	53.0%	131	4,631	4,390	4,319	48.1%	372	4,221	4,593
Other paper not recyclable with newspaper	9,449	-	6,359	67.3%	161	6,198	6,227	5,846	61.9%	132	3,090	3,222
Gable tops & aseptics	4,564	-	1,960	42.9%	46	1,914	1,871	1,703	37.3%	89	2,604	2,693
Polycoated containers & cups	25,577	-	7,983	31.2%	71	7,913	7,815	7,330	28.7%	169	17,594	17,763
Plastic	180,565	-	45,433	25.2%	7,053	38,381	40,738	39,244	21.7%	4,695	135,132	139,827
PET bottles (BB)	7,582	-	1,866	24.6%	82	1,784	1,719	1,630	21.5%	148	5,715	5,863
Other PET bottles & jars	13,355	-	5,546	41.5%	262	5,284	5,110	4,815	36.1%	436	7,809	8,245
PET tubs	714	-	225	31.5%	1	225	207	191	26.8%	19	488	507
PET thermoforms	7,872	-	2,809	35.7%	4	2,805	2,558	2,385	30.3%	251	5,062	5,313
HDPE bottles & jars	11,090	-	5,249	47.3%	251	4,998	4,968	4,754	42.9%	281	5,842	6,123
HDPE bottles (BB)	73	-	18	24.6%	1	17	17	17	22.6%	1	55	56
HDPE tubs	4,459	-	1,466	32.9%	61	1,405	1,395	1,348	30.2%	71	2,993	3,064
Other deposit plastic bottles	146	-	36	24.6%	2	34	4	-	0.0%	32	110	142
Other other bottles	834	-	344	41.3%	1	344	36	-	0.0%	308	489	798
Other accepted tubs & pails	414	-	136	32.9%	6	130	19	6	1.4%	117	278	394
Other bulky rigids	27,871	-	9,718	34.9%	1,519	8,199	9,718	9,718	34.9%	-	18,154	18,154
Other other rigid plastic containers	10,512	-	909	8.6%	6	903	95	-	0.0%	814	9,604	10,418
PP bottles & jars	442	-	201	45.4%	10	191	186	172	38.9%	15	241	256
PP bottles (BB)	73	-	18	24.6%	1	17	17	15	21.1%	1	55	56
PP rigid packaging and products	11,523	-	4,169	36.2%	288	3,880	3,973	3,842	33.3%	196	7,354	7,550
PP rigid products	11,551	-	4,028	34.9%	629	3,398	4,028	4,028	34.9%	-	7,523	7,523
PP tubs and small rigids	5,747	-	2,112	36.8%	79	2,033	2,010	1,941	33.8%	102	3,635	3,738
Solid polystyrene	2,406	-	712	29.6%	10	702	655	542	22.5%	57	1,694	1,751
Polystyrene foam	5,311	-	330	6.2%	134	196	157	134	2.5%	173	4,981	5,154
PE film	57,781	-	5,542	9.6%	3,707	1,836	3,867	3,707	6.4%	1,675	52,239	53,914
Other recoverable film	809	-	-	0.0%	-	-	-	-	0.0%	-	809	809
Metals	126,841	-	67,850	53.5%	51,748	16,102	67,686	67,502	53.2%	164	58,991	59,155
Deposit and accepted aluminum cans	4,127	-	593	14.4%	105	488	588	570	13.8%	5	3,535	3,539
Deposit and accepted steel cans	25,842	-	9,903	38.3%	1,186	8,718	9,816	9,735	37.7%	87	15,939	16,026
Accepted other aluminum	5,397	-	986	18.3%	680	306	980	957	17.7%	6	4,411	4,417
Accepted other steel	44,141	-	31,983	72.5%	25,726	6,257	31,920	31,862	72.2%	63	12,158	12,221
Scrap metals	47,333	-	24,385	51.5%	24,050	334	24,381	24,378	51.5%	3	22,949	22,952
Glass	94,109	-	67,402	71.6%	64,552	2,850	64,605	64,552	68.6%	2,797	26,707	29,504
Deposit glass bottles	23,584	-	12,482	52.9%	11,731	751	11,745	11,731	49.7%	737	11,102	11,839
Container glass	70,525	-	54,919	77.9%	52,821	2,099	52,860	52,821	74.9%	2,060	15,605	17,665
Other	2,646,776	452,888	28,373		166	28,206	2,405	-		25,967	2,165,516	2,191,484
Compostables	1,287,783	452,888	6,762		-	6,762	437	-		6,325	828,133	834,458
Other recoverables	256,809	-	-		-	-	-	-		-	256,809	256,809
Other materials	1,102,184	-	21,610		166	21,444	1,968	-		19,642	1,080,574	1,100,216
Total in-scope materials	3,643,237	452,888	615,969	16.9%	243,652	372,318	570,171	563,764	15.5%	45,798	2,574,381	2,620,179
Total in-scope recoverables	996,461	-	587,597	59.0%	243,485	344,111	567,766	563,764	56.6%	19,831	408,865	428,695
Total MRF inbound contamination tons						34,702						
Total MRF inbound contamination rate						9.3%						

Figures in this report represent the consultant team's best modeling estimates based on available data.
 Cascadia Consulting Group, Inc. | Circular Matters, LLC | Bell & Associates

Engagement + MRFs + Expanded + Statewide List (S7/A++)												
FINAL - Statewide 2025: On-Route Residential & Commercial, Self-Haul (excluding Bottle Bill)												
Material	Generation	Collection for Recycling and Composting					Bales for Marketing			Disposal (Landfill and Other)		
	Generated (tons)	Collected for Organics (tons)	Collected for Recycling (tons)	Recycling Collection Rate (inbound)	Recycling Collected Separately: glass and depot (tons)	Recycling Collected Commingled or Dual-stream (tons)	Bales: target materials and contamination (tons)	Bales: only target materials (tons)	Recycling Capture Rate (baled for marketing)	Disposed as Residue: originally collected for recycling (tons)	Directly disposed: originally collected as garbage (tons)	Total Disposed (tons)
Paper	594,947	-	408,454	68.7%	120,301	288,152	396,250	393,900	66.2%	12,204	186,493	198,697
Corrugated cardboard	319,486	-	237,553	74.4%	114,757	122,796	234,090	233,958	73.2%	3,463	81,934	85,396
Newspaper	51,635	-	44,681	86.5%	1,211	43,470	43,463	43,396	84.0%	1,219	6,954	8,172
Printing and writing paper	110,233	-	62,624	56.8%	2,735	59,889	57,813	56,897	51.6%	4,811	47,609	52,420
Paperboard	65,019	-	40,989	63.0%	1,022	39,968	39,069	39,020	60.0%	1,921	24,030	25,951
Other paper recyclable with newspaper	8,983	-	4,762	53.0%	131	4,631	4,390	4,319	48.1%	372	4,221	4,593
Other paper not recyclable with newspaper	9,449	-	6,359	67.3%	161	6,198	6,227	5,847	61.9%	132	3,090	3,222
Gable tops & aseptics	4,564	-	1,960	42.9%	46	1,914	1,871	1,703	37.3%	89	2,604	2,693
Polycoated containers & cups	25,577	-	9,525	37.2%	239	9,286	9,327	8,759	34.2%	198	16,052	16,250
Plastic	180,565	-	46,525	25.8%	7,766	38,760	41,675	40,146	22.2%	4,850	134,040	138,890
PET bottles (BB)	7,582	-	1,866	24.6%	82	1,784	1,719	1,630	21.5%	148	5,715	5,863
Other PET bottles & jars	13,355	-	5,546	41.5%	262	5,284	5,110	4,815	36.1%	436	7,809	8,245
PET tubs	714	-	235	32.9%	10	225	216	201	28.1%	19	479	498
PET thermoforms	7,872	-	3,056	38.8%	4	3,051	2,783	2,594	33.0%	273	4,816	5,089
HDPE bottles & jars	11,090	-	5,249	47.3%	251	4,998	4,968	4,754	42.9%	281	5,842	6,123
HDPE bottles (BB)	73	-	18	24.6%	1	17	17	17	22.6%	1	55	56
HDPE tubs	4,459	-	1,466	32.9%	61	1,405	1,395	1,348	30.2%	71	2,993	3,064
Other deposit plastic bottles	146	-	36	24.6%	2	34	4	-	0.0%	32	110	142
Other other bottles	834	-	359	43.1%	16	344	36	-	0.0%	323	475	798
Other accepted tubs & pails	414	-	136	32.9%	6	130	19	6	1.4%	117	278	394
Other bulky rigids	27,871	-	9,718	34.9%	1,519	8,199	9,718	9,718	34.9%	-	18,154	18,154
Other other rigid plastic containers	10,512	-	1,021	9.7%	94	927	97	-	0.0%	923	9,492	10,415
PP bottles & jars	442	-	201	45.4%	10	191	186	172	38.9%	15	241	256
PP bottles (BB)	73	-	18	24.6%	1	17	17	15	21.1%	1	55	56
PP rigid packaging and products	11,523	-	4,169	36.2%	288	3,880	3,973	3,842	33.3%	196	7,354	7,550
PP rigid products	11,551	-	4,028	34.9%	629	3,398	4,028	4,028	34.9%	-	7,523	7,523
PP tubs and small rigids	5,747	-	2,112	36.8%	79	2,033	2,010	1,941	33.8%	102	3,635	3,738
Solid polystyrene	2,406	-	871	36.2%	60	811	806	675	28.1%	65	1,535	1,600
Polystyrene foam	5,311	-	330	6.2%	134	196	157	134	2.5%	173	4,981	5,154
PE film	57,781	-	6,092	10.5%	4,257	1,836	4,418	4,257	7.4%	1,675	51,689	53,363
Other recoverable film	809	-	-	0.0%	-	-	-	-	0.0%	-	809	809
Metals	126,841	-	67,850	53.5%	51,748	16,102	67,686	67,502	53.2%	164	58,991	59,155
Deposit and accepted aluminum cans	4,127	-	593	14.4%	105	488	588	570	13.8%	5	3,535	3,539
Deposit and accepted steel cans	25,842	-	9,903	38.3%	1,186	8,718	9,816	9,735	37.7%	87	15,939	16,026
Accepted other aluminum	5,397	-	986	18.3%	680	306	980	957	17.7%	6	4,411	4,417
Accepted other steel	44,141	-	31,983	72.5%	25,726	6,257	31,920	31,862	72.2%	63	12,158	12,221
Scrap metals	47,333	-	24,385	51.5%	24,050	334	24,381	24,378	51.5%	3	22,949	22,952
Glass	94,109	-	67,402	71.6%	64,552	2,850	64,605	64,552	68.6%	2,797	26,707	29,504
Deposit glass bottles	23,584	-	12,482	52.9%	11,731	751	11,745	11,731	49.7%	737	11,102	11,839
Container glass	70,525	-	54,919	77.9%	52,821	2,099	52,860	52,821	74.9%	2,060	15,605	17,665
Other	2,646,776	452,888	28,373		166	28,206	2,405	-		25,968	2,165,516	2,191,484
Compostables	1,287,783	452,888	6,762		-	6,762	436	-		6,326	828,133	834,459
Other recoverables	256,809	-	-		-	-	-	-		-	256,809	256,809
Other materials	1,102,184	-	21,610		166	21,444	1,968	-		19,642	1,080,574	1,100,216
Total in-scope materials	3,643,237	452,888	618,603	17.0%	244,533	374,070	572,620	566,100	15.5%	45,983	2,571,747	2,617,730
Total in-scope recoverables	996,461	-	590,230	59.2%	244,367	345,863	570,215	566,100	56.8%	20,015	406,231	426,246
Total MRF inbound contamination tons						34,286						
Total MRF inbound contamination rate						9.2%						

Figures in this report represent the consultant team's best modeling estimates based on available data.
 Cascadia Consulting Group, Inc. | Circular Matters, LLC | Bell & Associates

+Container Recovery Facility (S3/B)												
FINAL - Statewide 2025: On-Route Residential & Commercial, Self-Haul (excluding Bottle Bill)												
Material	Generation	Collection for Recycling and Composting					Bales for Marketing			Disposal (Landfill and Other)		
	Generated (tons)	Collected for Organics (tons)	Collected for Recycling (tons)	Recycling Collection Rate (inbound)	Recycling Collected Separately: glass and depot (tons)	Recycling Collected Commingled or Dual-stream (tons)	Bales: target materials and contamination (tons)	Bales: only target materials (tons)	Recycling Capture Rate (baled for marketing)	Disposed as Residue: originally collected for recycling (tons)	Directly disposed: originally collected as garbage (tons)	Total Disposed (tons)
Paper	594,947	-	406,912	68.4%	120,133	286,779	394,730	392,560	66.0%	12,181	188,035	200,217
Corrugated cardboard	319,486	-	237,553	74.4%	114,757	122,796	234,089	233,968	73.2%	3,463	81,934	85,397
Newspaper	51,635	-	44,681	86.5%	1,211	43,470	43,463	43,399	84.0%	1,219	6,954	8,173
Printing and writing paper	110,233	-	62,624	56.8%	2,735	59,889	57,810	56,932	51.6%	4,814	47,609	52,423
Paperboard	65,019	-	40,989	63.0%	1,022	39,968	39,068	39,024	60.0%	1,921	24,030	25,951
Other paper recyclable with newspaper	8,983	-	4,762	53.0%	131	4,631	4,390	4,322	48.1%	372	4,221	4,593
Other paper not recyclable with newspaper	9,449	-	6,359	67.3%	161	6,198	6,226	5,862	62.0%	133	3,090	3,223
Gable tops & aseptics	4,564	-	1,960	42.9%	46	1,914	1,871	1,703	37.3%	89	2,604	2,693
Polycoated containers & cups	25,577	-	7,983	31.2%	71	7,913	7,813	7,350	28.7%	170	17,594	17,764
Plastic	180,565	-	45,433	25.2%	7,053	38,381	40,642	39,120	21.7%	4,791	135,132	139,922
PET bottles (BB)	7,582	-	1,866	24.6%	82	1,784	1,719	1,630	21.5%	148	5,715	5,863
Other PET bottles & jars	13,355	-	5,546	41.5%	262	5,284	5,109	4,846	36.3%	438	7,809	8,246
PET tubs	714	-	225	31.5%	1	225	207	191	26.8%	19	488	507
PET thermoforms	7,872	-	2,809	35.7%	4	2,805	2,558	2,385	30.3%	251	5,062	5,313
HDPE bottles & jars	11,090	-	5,249	47.3%	251	4,998	4,929	4,728	42.6%	320	5,842	6,161
HDPE bottles (BB)	73	-	18	24.6%	1	17	17	16	22.3%	1	55	56
HDPE tubs	4,459	-	1,466	32.9%	61	1,405	1,384	1,329	29.8%	82	2,993	3,076
Other deposit plastic bottles	146	-	36	24.6%	2	34	4	-	0.0%	32	110	142
Other other bottles	834	-	344	41.3%	1	344	40	-	0.0%	305	489	794
Other accepted tubs & pails	414	-	136	32.9%	6	130	21	6	1.4%	115	278	393
Other bulky rigids	27,871	-	9,718	34.9%	1,519	8,199	9,718	9,718	34.9%	-	18,154	18,154
Other other rigid plastic containers	10,512	-	909	8.6%	6	903	104	-	0.0%	805	9,604	10,409
PP bottles & jars	442	-	201	45.4%	10	191	184	167	37.8%	17	241	258
PP bottles (BB)	73	-	18	24.6%	1	17	16	15	20.5%	2	55	57
PP rigid packaging and products	11,523	-	4,169	36.2%	288	3,880	3,942	3,790	32.9%	227	7,354	7,581
PP rigid products	11,551	-	4,028	34.9%	629	3,398	4,028	4,028	34.9%	-	7,523	7,523
PP tubs and small rigids	5,747	-	2,112	36.8%	79	2,033	1,993	1,914	33.3%	119	3,635	3,754
Solid polystyrene	2,406	-	712	29.6%	10	702	647	517	21.5%	65	1,694	1,759
Polystyrene foam	5,311	-	330	6.2%	134	196	160	134	2.5%	170	4,981	5,151
PE film	57,781	-	5,542	9.6%	3,707	1,836	3,866	3,707	6.4%	1,676	52,239	53,915
Other recoverable film	809	-	-	0.0%	-	-	-	-	0.0%	-	809	809
Metals	126,841	-	67,850	53.5%	51,748	16,102	67,686	67,504	53.2%	164	58,991	59,155
Deposit and accepted aluminum cans	4,127	-	593	14.4%	105	488	588	570	13.8%	5	3,535	3,539
Deposit and accepted steel cans	25,842	-	9,903	38.3%	1,186	8,718	9,816	9,736	37.7%	87	15,939	16,026
Accepted other aluminum	5,397	-	986	18.3%	680	306	980	957	17.7%	6	4,411	4,417
Accepted other steel	44,141	-	31,983	72.5%	25,726	6,257	31,920	31,863	72.2%	63	12,158	12,221
Scrap metals	47,333	-	24,385	51.5%	24,050	334	24,381	24,378	51.5%	3	22,949	22,952
Glass	94,109	-	67,402	71.6%	64,552	2,850	64,604	64,552	68.6%	2,797	26,707	29,504
Deposit glass bottles	23,584	-	12,482	52.9%	11,731	751	11,745	11,731	49.7%	737	11,102	11,839
Container glass	70,525	-	54,919	77.9%	52,821	2,099	52,859	52,821	74.9%	2,060	15,605	17,665
Other	2,646,776	452,888	28,373		166	28,206	2,389	-		25,984	2,165,516	2,191,500
Compostables	1,287,783	452,888	6,762		-	6,762	426	-		6,336	828,133	834,469
Other recoverables	256,809	-	-		-	-	-	-		-	256,809	256,809
Other materials	1,102,184	-	21,610		166	21,444	1,962	-		19,648	1,080,574	1,100,222
Total in-scope materials	3,643,237	452,888	615,969	16.9%	243,652	372,318	570,052	563,735	15.5%	45,918	2,574,381	2,620,298
Total in-scope recoverables	996,461	-	587,597	59.0%	243,485	344,111	567,663	563,735	56.6%	19,934	408,865	428,799
Total MRF inbound contamination tons						34,702						
Total MRF inbound contamination rate						9.3%						

Figures in this report represent the consultant team's best modeling estimates based on available data.

Dual-Stream Collection (S4/C)												
FINAL - Statewide 2025: On-Route Residential & Commercial, Self-Haul (excluding Bottle Bill)												
Material	Generation	Collection for Recycling and Composting					Bales for Marketing			Disposal (Landfill and Other)		
	Generated (tons)	Collected for Organics (tons)	Collected for Recycling (tons)	Recycling Collection Rate (inbound)	Recycling Collected Separately: glass and depot (tons)	Recycling Collected Commingled or Dual-stream (tons)	Bales: target materials and contamination (tons)	Bales: only target materials (tons)	Recycling Capture Rate (baled for marketing)	Disposed as Residue: originally collected for recycling (tons)	Directly disposed: originally collected as garbage (tons)	Total Disposed (tons)
Paper	594,947	-	408,121	68.6%	120,133	287,988	400,055	397,620	66.8%	8,066	186,826	194,892
Corrugated cardboard	319,486	-	237,553	74.4%	114,757	122,796	236,325	236,325	74.0%	1,228	81,934	83,161
Newspaper	51,635	-	44,681	86.5%	1,211	43,470	43,508	43,377	84.0%	1,174	6,954	8,127
Printing and writing paper	110,233	-	62,624	56.8%	2,735	59,889	59,993	58,796	53.3%	2,630	47,609	50,239
Paperboard	65,019	-	40,989	63.0%	1,022	39,968	38,991	38,991	60.0%	1,998	24,030	26,028
Other paper recyclable with newspaper	8,983	-	4,764	53.0%	131	4,634	4,438	4,345	48.4%	326	4,219	4,545
Other paper not recyclable with newspaper	9,449	-	6,359	67.3%	161	6,198	6,235	5,739	60.7%	124	3,090	3,214
Gable tops & aseptics	4,564	-	1,960	42.9%	46	1,914	1,921	1,768	38.7%	38	2,604	2,642
Polycoated containers & cups	25,577	-	9,190	35.9%	71	9,119	8,643	8,278	32.4%	547	16,387	16,934
Plastic	180,565	-	45,756	25.3%	7,053	38,703	41,646	40,674	22.5%	4,110	134,809	138,919
PET bottles (BB)	7,582	-	1,866	24.6%	82	1,784	1,777	1,724	22.7%	89	5,715	5,805
Other PET bottles & jars	13,355	-	5,546	41.5%	262	5,284	5,282	5,124	38.4%	264	7,809	8,073
PET tubs	714	-	225	31.5%	1	225	214	203	28.4%	11	488	500
PET thermoforms	7,872	-	3,040	38.6%	4	3,036	2,888	2,736	34.8%	152	4,832	4,984
HDPE bottles & jars	11,090	-	5,249	47.3%	251	4,998	5,099	4,999	45.1%	150	5,842	5,991
HDPE bottles (BB)	73	-	18	24.6%	1	17	17	17	23.4%	1	55	56
HDPE tubs	4,459	-	1,466	32.9%	61	1,405	1,424	1,396	31.3%	42	2,993	3,036
Other deposit plastic bottles	146	-	36	24.6%	2	34	3	-	0.0%	33	110	143
Other other bottles	834	-	344	41.3%	1	344	34	-	0.0%	310	489	799
Other accepted tubs & pails	414	-	136	32.9%	6	130	19	6	1.4%	117	278	395
Other bulky rigids	27,871	-	9,723	34.9%	1,519	8,204	9,723	9,723	34.9%	-	18,148	18,148
Other other rigid plastic containers	10,512	-	903	8.6%	6	897	90	-	0.0%	813	9,610	10,423
PP bottles & jars	442	-	201	45.4%	10	191	195	191	43.2%	6	241	247
PP bottles (BB)	73	-	18	24.6%	1	17	17	17	23.4%	1	55	56
PP rigid packaging and products	11,523	-	4,168	36.2%	288	3,880	4,052	3,974	34.5%	116	7,354	7,470
PP rigid products	11,551	-	4,027	34.9%	629	3,398	4,027	4,027	34.9%	-	7,523	7,523
PP tubs and small rigids	5,747	-	2,112	36.8%	79	2,033	2,051	2,011	35.0%	61	3,635	3,696
Solid polystyrene	2,406	-	805	33.4%	10	795	765	686	28.5%	40	1,601	1,641
Polystyrene foam	5,311	-	330	6.2%	134	196	154	134	2.5%	176	4,981	5,157
PE film	57,781	-	5,542	9.6%	3,707	1,836	3,813	3,707	6.4%	1,729	52,239	53,968
Other recoverable film	809	-	-	0.0%	-	-	-	-	0.0%	-	809	809
Metals	126,841	-	67,850	53.5%	51,748	16,102	67,487	67,292	53.1%	362	58,991	59,354
Deposit and accepted aluminum cans	4,127	-	593	14.4%	105	488	588	578	14.0%	5	3,535	3,539
Deposit and accepted steel cans	25,842	-	9,903	38.3%	1,186	8,718	9,816	9,729	37.6%	87	15,939	16,026
Accepted other aluminum	5,397	-	986	18.3%	680	306	980	967	17.9%	6	4,411	4,417
Accepted other steel	44,141	-	31,983	72.5%	25,726	6,257	31,920	31,858	72.2%	63	12,158	12,221
Scrap metals	47,333	-	24,385	51.5%	24,050	334	24,183	24,160	51.0%	202	22,949	23,151
Glass	94,109	-	67,402	71.6%	64,552	2,850	64,609	64,552	68.6%	2,793	26,707	29,500
Deposit glass bottles	23,584	-	12,482	52.9%	11,731	751	11,746	11,731	49.7%	736	11,102	11,838
Container glass	70,525	-	54,919	77.9%	52,821	2,099	52,863	52,821	74.9%	2,057	15,605	17,662
Other	2,646,776	452,888	28,373		166	28,206	1,847	-		26,526	2,165,516	2,192,042
Compostables	1,287,783	452,888	6,762		-	6,762	387	-		6,375	828,133	834,508
Other recoverables	256,809	-	-		-	-	-	-		-	256,809	256,809
Other materials	1,102,184	-	21,610		166	21,444	1,460	-		20,151	1,080,574	1,100,725
Total in-scope materials	3,643,237	452,888	617,501	16.9%	243,652	373,849	575,644	570,138	15.6%	41,857	2,572,849	2,614,706
Total in-scope recoverables	996,461	-	589,128	59.1%	243,485	345,643	573,797	570,138	57.2%	15,331	407,333	422,664
Total MRF inbound contamination tons						34,304						
Total MRF inbound contamination rate						9.2%						

Figures in this report represent the consultant team's best modeling estimates based on available data.

Engagement + MRFs + Expanded + Statewide List + Expanded Collection (S8/D-low)												
FINAL - Statewide 2025: On-Route Residential & Commercial, Self-Haul (excluding Bottle Bill)												
Material	Generation	Collection for Recycling and Composting					Bales for Marketing			Disposal (Landfill and Other)		
	Generated (tons)	Collected for Organics (tons)	Collected for Recycling (tons)	Recycling Collection Rate (inbound)	Recycling Collected Separately: glass and depot (tons)	Recycling Collected Commingled or Dual-stream (tons)	Bales: target materials and contamination (tons)	Bales: only target materials (tons)	Recycling Capture Rate (baled for marketing)	Disposed as Residue: originally collected for recycling (tons)	Directly disposed: originally collected as garbage (tons)	Total Disposed (tons)
Paper	594,947	-	416,038	69.9%	119,106	296,932	403,413	400,929	67.4%	12,625	178,909	191,534
Corrugated cardboard	319,486	-	239,608	75.0%	113,714	125,894	236,057	235,921	73.8%	3,551	79,878	83,429
Newspaper	51,635	-	45,137	87.4%	1,169	43,967	43,904	43,837	84.9%	1,233	6,499	7,731
Printing and writing paper	110,233	-	65,261	59.2%	2,682	62,579	60,234	59,268	53.8%	5,026	44,972	49,998
Paperboard	65,019	-	42,215	64.9%	987	41,229	40,234	40,183	61.8%	1,981	22,804	24,786
Other paper recyclable with newspaper	8,983	-	5,051	56.2%	126	4,926	4,656	4,580	51.0%	396	3,931	4,327
Other paper not recyclable with newspaper	9,449	-	6,543	69.2%	155	6,388	6,407	6,013	63.6%	136	2,906	3,042
Gable tops & aseptics	4,564	-	2,007	44.0%	44	1,963	1,917	1,745	38.2%	90	2,557	2,646
Polycoated containers & cups	25,577	-	10,216	39.9%	228	9,988	10,004	9,382	36.7%	212	15,361	15,574
Plastic	180,565	-	48,496	26.9%	7,443	41,053	43,464	41,876	23.2%	5,033	132,069	137,101
PET bottles (BB)	7,582	-	1,984	26.2%	75	1,909	1,830	1,737	22.9%	155	5,598	5,752
Other PET bottles & jars	13,355	-	5,793	43.4%	239	5,554	5,342	5,036	37.7%	452	7,562	8,013
PET tubs	714	-	244	34.2%	9	235	225	209	29.3%	19	469	489
PET thermoforms	7,872	-	3,246	41.2%	4	3,242	2,963	2,763	35.1%	284	4,625	4,909
HDPE bottles & jars	11,090	-	5,457	49.2%	229	5,228	5,167	4,947	44.6%	290	5,633	5,923
HDPE bottles (BB)	73	-	19	26.1%	1	18	18	18	24.1%	1	54	55
HDPE tubs	4,459	-	1,527	34.2%	56	1,471	1,454	1,405	31.5%	73	2,933	3,005
Other deposit plastic bottles	146	-	38	26.1%	1	37	4	-	0.0%	34	108	142
Other other bottles	834	-	375	45.0%	14	361	38	-	0.0%	338	458	796
Other accepted tubs & pails	414	-	141	34.2%	5	136	19	5	1.3%	122	272	394
Other bulky rigids	27,871	-	10,195	36.6%	1,405	8,790	10,195	10,195	36.6%	-	17,676	17,676
Other other rigid plastic containers	10,512	-	1,061	10.1%	86	975	101	-	0.0%	959	9,452	10,411
PP bottles & jars	442	-	209	47.3%	9	200	194	179	40.6%	15	233	248
PP bottles (BB)	73	-	19	26.1%	1	18	18	16	22.4%	1	54	55
PP rigid packaging and products	11,523	-	4,412	38.3%	267	4,145	4,207	4,070	35.3%	205	7,111	7,316
PP rigid products	11,551	-	4,225	36.6%	582	3,643	4,225	4,225	36.6%	-	7,326	7,326
PP tubs and small rigids	5,747	-	2,196	38.2%	72	2,124	2,091	2,021	35.2%	105	3,551	3,657
Solid polystyrene	2,406	-	922	38.3%	56	866	853	716	29.8%	68	1,485	1,553
Polystyrene foam	5,311	-	331	6.2%	124	207	148	124	2.3%	183	4,980	5,163
PE film	57,781	-	6,101	10.6%	4,208	1,893	4,373	4,208	7.3%	1,728	51,680	53,408
Other recoverable film	809	-	-	0.0%	-	-	-	-	0.0%	-	809	809
Metals	126,841	-	67,302	53.1%	50,503	16,798	67,130	66,937	52.8%	171	59,539	59,711
Deposit and accepted aluminum cans	4,127	-	625	15.1%	102	523	620	600	14.5%	5	3,503	3,508
Deposit and accepted steel cans	25,842	-	10,375	40.1%	1,166	9,209	10,283	10,197	39.5%	92	15,467	15,559
Accepted other aluminum	5,397	-	1,001	18.5%	676	325	994	970	18.0%	7	4,396	4,402
Accepted other steel	44,141	-	30,848	69.9%	24,510	6,338	30,785	30,726	69.6%	63	13,293	13,357
Scrap metals	47,333	-	24,453	51.7%	24,050	403	24,449	24,445	51.6%	4	22,880	22,884
Glass	94,109	-	68,865	73.2%	66,000	2,865	66,054	66,000	70.1%	2,811	25,244	28,055
Deposit glass bottles	23,584	-	12,918	54.8%	12,154	764	12,168	12,154	51.5%	750	10,666	11,416
Container glass	70,525	-	55,946	79.3%	53,846	2,100	53,885	53,846	76.4%	2,061	14,578	16,639
Other	2,646,776	452,888	30,251		173	30,078	2,552	-		27,699	2,163,637	2,191,337
Compostables	1,287,783	452,888	7,102		-	7,102	459	-		6,643	827,793	834,436
Other recoverables	256,809	-	-		-	-	-	-		-	256,809	256,809
Other materials	1,102,184	-	23,149		173	22,976	2,093	-		21,056	1,079,035	1,100,091
Total in-scope materials	3,643,237	452,888	630,952	17.3%	243,226	387,726	582,613	575,742	15.8%	48,339	2,559,398	2,607,737
Total in-scope recoverables	996,461	-	600,701	60.3%	243,052	357,648	580,061	575,742	57.8%	20,640	395,761	416,400
Total MRF inbound contamination tons						36,355						
Total MRF inbound contamination rate						9.4%						

Figures in this report represent the consultant team's best modeling estimates based on available data.

Engagement + MRFs + Expanded + Statewide List + Expanded Collection (S9/D-mid)												
FINAL - Statewide 2025: On-Route Residential & Commercial, Self-Haul (excluding Bottle Bill)												
Material	Generation	Collection for Recycling and Composting					Bales for Marketing			Disposal (Landfill and Other)		
	Generated (tons)	Collected for Organics (tons)	Collected for Recycling (tons)	Recycling Collection Rate (inbound)	Recycling Collected Separately: glass and depot (tons)	Recycling Collected Commingled or Dual-stream (tons)	Bales: target materials and contamination (tons)	Bales: only target materials (tons)	Recycling Capture Rate (baled for marketing)	Disposed as Residue: originally collected for recycling (tons)	Directly disposed: originally collected as garbage (tons)	Total Disposed (tons)
Paper	594,947	-	427,022	71.8%	117,902	309,120	413,870	411,221	69.1%	13,152	167,924	181,077
Corrugated cardboard	319,486	-	244,688	76.6%	112,671	132,017	240,965	240,821	75.4%	3,724	74,798	78,522
Newspaper	51,635	-	45,395	87.9%	1,127	44,268	44,154	44,086	85.4%	1,241	6,240	7,481
Printing and writing paper	110,233	-	68,123	61.8%	2,630	65,493	62,863	61,842	56.1%	5,260	42,110	47,370
Paperboard	65,019	-	43,449	66.8%	952	42,498	41,407	41,354	63.6%	2,042	21,570	23,612
Other paper recyclable with newspaper	8,983	-	5,342	59.5%	118	5,223	4,922	4,840	53.9%	419	3,641	4,061
Other paper not recyclable with newspaper	9,449	-	6,734	71.3%	150	6,584	6,594	6,185	65.5%	140	2,716	2,856
Gable tops & aseptics	4,564	-	2,109	46.2%	42	2,067	2,016	1,835	40.2%	93	2,454	2,548
Polycoated containers & cups	25,577	-	11,183	43.7%	212	10,971	10,950	10,257	40.1%	232	14,395	14,627
Plastic	180,565	-	51,248	28.4%	7,105	44,143	45,993	44,321	24.5%	5,255	129,316	134,571
PET bottles (BB)	7,582	-	2,242	29.6%	68	2,175	2,069	1,965	25.9%	173	5,340	5,513
Other PET bottles & jars	13,355	-	6,098	45.7%	216	5,882	5,626	5,308	39.7%	472	7,257	7,729
PET tubs	714	-	265	37.2%	8	257	245	227	31.9%	21	448	469
PET thermoforms	7,872	-	3,479	44.2%	4	3,475	3,181	2,969	37.7%	299	4,392	4,691
HDPE bottles & jars	11,090	-	5,695	51.4%	206	5,489	5,395	5,168	46.6%	300	5,395	5,695
HDPE bottles (BB)	73	-	22	29.5%	1	21	21	20	27.2%	1	51	52
HDPE tubs	4,459	-	1,659	37.2%	50	1,608	1,580	1,528	34.3%	78	2,801	2,879
Other deposit plastic bottles	146	-	43	29.5%	1	42	4	-	0.0%	39	103	142
Other other bottles	834	-	400	48.0%	13	387	40	-	0.0%	360	434	794
Other accepted tubs & pails	414	-	154	37.2%	5	149	20	5	1.1%	134	260	394
Other bulky rigids	27,871	-	10,822	38.8%	1,284	9,538	10,822	10,822	38.8%	-	17,049	17,049
Other other rigid plastic containers	10,512	-	1,072	10.2%	78	994	102	-	0.0%	969	9,441	10,410
PP bottles & jars	442	-	219	49.5%	8	211	203	188	42.5%	16	223	239
PP bottles (BB)	73	-	22	29.5%	1	21	20	19	25.4%	2	51	53
PP rigid packaging and products	11,523	-	4,723	41.0%	244	4,480	4,506	4,361	37.8%	217	6,799	7,017
PP rigid products	11,551	-	4,485	38.8%	532	3,953	4,485	4,485	38.8%	-	7,066	7,066
PP tubs and small rigids	5,747	-	2,408	41.9%	65	2,343	2,294	2,217	38.6%	114	3,339	3,454
Solid polystyrene	2,406	-	987	41.0%	51	936	914	769	31.9%	73	1,420	1,492
Polystyrene foam	5,311	-	355	6.7%	114	241	141	114	2.1%	214	4,956	5,170
PE film	57,781	-	6,100	10.6%	4,158	1,942	4,327	4,158	7.2%	1,773	51,682	53,455
Other recoverable film	809	-	-	0.0%	-	-	-	-	0.0%	-	809	809
Metals	126,841	-	67,541	53.2%	49,259	18,282	67,354	67,144	52.9%	186	59,300	59,487
Deposit and accepted aluminum cans	4,127	-	685	16.6%	98	587	680	657	15.9%	6	3,442	3,448
Deposit and accepted steel cans	25,842	-	11,008	42.6%	1,146	9,863	10,910	10,818	41.9%	99	14,834	14,933
Accepted other aluminum	5,397	-	1,017	18.8%	671	346	1,010	984	18.2%	7	4,380	4,387
Accepted other steel	44,141	-	30,166	68.3%	23,294	6,872	30,097	30,033	68.0%	69	13,975	14,044
Scrap metals	47,333	-	24,664	52.1%	24,050	614	24,658	24,652	52.1%	6	22,670	22,676
Glass	94,109	-	69,966	74.3%	67,057	2,909	67,111	67,057	71.3%	2,855	24,142	26,997
Deposit glass bottles	23,584	-	13,430	56.9%	12,649	781	12,664	12,649	53.6%	766	10,154	10,920
Container glass	70,525	-	56,536	80.2%	54,408	2,128	54,448	54,408	77.1%	2,089	13,988	16,077
Other	2,646,776	452,888	33,617		181	33,437	2,827	-		30,790	2,160,271	2,191,062
Compostables	1,287,783	452,888	7,917		-	7,917	523	-		7,393	826,979	834,372
Other recoverables	256,809	-	-		-	-	-	-		-	256,809	256,809
Other materials	1,102,184	-	25,701		181	25,520	2,304	-		23,397	1,076,483	1,099,880
Total in-scope materials	3,643,237	452,888	649,395	17.8%	241,504	407,891	597,156	589,743	16.2%	52,238	2,540,955	2,593,194
Total in-scope recoverables	996,461	-	615,778	61.8%	241,324	374,454	594,329	589,743	59.2%	21,448	380,684	402,132
Total MRF inbound contamination tons						40,074						
Total MRF inbound contamination rate						9.8%						

Figures in this report represent the consultant team's best modeling estimates based on available data.

Engagement + MRFs + Expanded + Statewide List + Expanded Collection (S10/D-hi)												
FINAL - Statewide 2025: On-Route Residential & Commercial, Self-Haul (excluding Bottle Bill)												
Material	Generation	Collection for Recycling and Composting					Bales for Marketing			Disposal (Landfill and Other)		
	Generated (tons)	Collected for Organics (tons)	Collected for Recycling (tons)	Recycling Collection Rate (inbound)	Recycling Collected Separately: glass and depot (tons)	Recycling Collected Commingled or Dual-stream (tons)	Bales: target materials and contamination (tons)	Bales: only target materials (tons)	Recycling Capture Rate (baled for marketing)	Disposed as Residue: originally collected for recycling (tons)	Directly disposed: originally collected as garbage (tons)	Total Disposed (tons)
Paper	594,947	-	434,921	73.1%	116,699	318,222	421,336	418,544	70.3%	13,585	160,026	173,611
Corrugated cardboard	319,486	-	246,884	77.3%	111,628	135,255	243,068	242,920	76.0%	3,815	72,603	76,418
Newspaper	51,635	-	45,788	88.7%	1,086	44,702	44,535	44,466	86.1%	1,253	5,847	7,100
Printing and writing paper	110,233	-	70,821	64.2%	2,577	68,244	65,341	64,270	58.3%	5,480	39,412	44,892
Paperboard	65,019	-	44,734	68.8%	916	43,818	42,629	42,573	65.5%	2,106	20,285	22,391
Other paper recyclable with newspaper	8,983	-	5,621	62.6%	111	5,511	5,179	5,092	56.7%	442	3,361	3,804
Other paper not recyclable with newspaper	9,449	-	6,929	73.3%	144	6,785	6,785	6,362	67.3%	144	2,520	2,665
Gable tops & aseptics	4,564	-	2,188	48.0%	41	2,148	2,093	1,905	41.7%	96	2,375	2,471
Polycoated containers & cups	25,577	-	11,956	46.7%	196	11,760	11,707	10,955	42.8%	249	13,622	13,870
Plastic	180,565	-	53,491	29.6%	6,769	46,723	48,028	46,287	25.6%	5,463	127,074	132,537
PET bottles (BB)	7,582	-	2,406	31.7%	60	2,346	2,223	2,113	27.9%	183	5,176	5,359
Other PET bottles & jars	13,355	-	6,366	47.7%	192	6,174	5,877	5,548	41.5%	489	6,989	7,478
PET tubs	714	-	279	39.1%	7	272	258	239	33.6%	21	435	456
PET thermoforms	7,872	-	3,686	46.8%	4	3,682	3,375	3,152	40.0%	311	4,186	4,497
HDPE bottles & jars	11,090	-	5,917	53.3%	184	5,733	5,608	5,374	48.5%	309	5,174	5,483
HDPE bottles (BB)	73	-	23	31.7%	1	23	22	21	29.2%	1	50	51
HDPE tubs	4,459	-	1,746	39.2%	45	1,701	1,665	1,610	36.1%	82	2,713	2,795
Other deposit plastic bottles	146	-	46	31.7%	1	45	5	-	0.0%	42	100	141
Other other bottles	834	-	419	50.3%	11	408	42	-	0.0%	377	415	792
Other accepted tubs & pails	414	-	162	39.1%	4	157	20	4	1.0%	141	252	393
Other bulky rigids	27,871	-	11,339	40.7%	1,163	10,175	11,339	11,339	40.7%	-	16,533	16,533
Other other rigid plastic containers	10,512	-	1,096	10.4%	69	1,027	105	-	0.0%	991	9,416	10,407
PP bottles & jars	442	-	228	51.5%	7	220	211	195	44.2%	16	214	231
PP bottles (BB)	73	-	23	31.7%	1	23	21	20	27.2%	2	50	52
PP rigid packaging and products	11,523	-	4,989	43.3%	221	4,768	4,761	4,609	40.0%	228	6,534	6,761
PP rigid products	11,551	-	4,699	40.7%	482	4,217	4,699	4,699	40.7%	-	6,852	6,852
PP tubs and small rigids	5,747	-	2,537	44.1%	58	2,479	2,417	2,338	40.7%	119	3,211	3,330
Solid polystyrene	2,406	-	1,042	43.3%	46	996	966	813	33.8%	76	1,364	1,440
Polystyrene foam	5,311	-	362	6.8%	103	259	132	103	1.9%	230	4,949	5,179
PE film	57,781	-	6,126	10.6%	4,109	2,018	4,284	4,109	7.1%	1,843	51,655	53,498
Other recoverable film	809	-	-	0.0%	-	-	-	-	0.0%	-	809	809
Metals	126,841	-	67,205	53.0%	48,014	19,190	67,009	66,788	52.7%	196	59,636	59,832
Deposit and accepted aluminum cans	4,127	-	726	17.6%	94	631	719	695	16.8%	6	3,402	3,408
Deposit and accepted steel cans	25,842	-	11,519	44.6%	1,125	10,394	11,415	11,318	43.8%	104	14,323	14,427
Accepted other aluminum	5,397	-	1,031	19.1%	667	365	1,024	996	18.5%	7	4,365	4,373
Accepted other steel	44,141	-	29,144	66.0%	22,078	7,066	29,073	29,007	65.7%	71	14,997	15,068
Scrap metals	47,333	-	24,785	52.4%	24,050	734	24,777	24,770	52.3%	7	22,549	22,556
Glass	94,109	-	71,721	76.2%	68,768	2,952	68,823	68,768	73.1%	2,897	22,388	25,285
Deposit glass bottles	23,584	-	13,945	59.1%	13,144	801	13,159	13,144	55.7%	786	9,639	10,425
Container glass	70,525	-	57,776	81.9%	55,625	2,152	55,665	55,625	78.9%	2,111	12,749	14,860
Other	2,646,776	452,888	36,221		188	36,033	3,034	-		33,187	2,157,668	2,190,855
Compostables	1,287,783	452,888	8,418		-	8,418	558	-		7,859	826,478	834,337
Other recoverables	256,809	-	-		-	-	-	-		-	256,809	256,809
Other materials	1,102,184	-	27,803		188	27,615	2,476	-		25,327	1,074,381	1,099,709
Total in-scope materials	3,643,237	452,888	663,559	18.2%	240,438	423,121	608,230	600,387	16.5%	55,328	2,526,791	2,582,119
Total in-scope recoverables	996,461	-	627,338	63.0%	240,250	387,088	605,196	600,387	60.3%	22,141	369,123	391,265
Total MRF inbound contamination tons						42,964						
Total MRF inbound contamination rate						10.2%						

Figures in this report represent the consultant team's best modeling estimates based on available data.

Additional Alternative Scenario Analysis - Collection Tonnage Modeling Results

December 1, 2020

		FINAL - Statewide 2025										
Available for on-route and depot collection (excludes Other Commercial and Bottle Bill collection)		Original Baseline: Pre-Disruption List (\$0)	Revised Baseline: Post-Disruption List (\$5)	+ Customer Engagement (\$6/A-)	Engagement + Improved MRFs (\$1/A)	Engagement + MRFs + Expanded Lists (\$2/A+)	Engagement + MRFs + Expanded + Statewide List (\$7/A++)	+ Container Recovery Facility (\$3/B)	Dual-Stream Collection (\$4/C)	Engagement + MRFs + Expanded + Statewide List + Expanded Collection (\$8/D-low)	Engagement + MRFs + Expanded + Statewide List + Expanded Collection (\$9/D-mid)	Engagement + MRFs + Expanded + Statewide List + Expanded Collection (\$10/D-hi)
Material	Generated (tons)	Collected in Recycling (tons)										
Paper	594,947	386,221	373,594	373,594	373,594	406,912	408,454	406,912	408,121	416,038	427,022	434,921
Recycling collection rate		65%	63%	63%	63%	68%	69%	68%	69%	70%	72%	73%
Change in tons from revised baseline		3.4%	0.0%	0.0%	0.0%	8.9%	9.3%	8.9%	9.2%	11.4%	14.3%	16.4%
Plastic	180,565	27,247	21,909	21,084	21,084	45,433	46,525	45,433	45,756	48,496	51,248	53,491
Recycling collection rate		15%	12%	12%	12%	25%	26%	25%	25%	27%	28%	30%
Change in tons from revised baseline		24.4%	0.0%	-3.8%	-3.8%	107.4%	112.4%	107.4%	108.8%	121.4%	133.9%	144.1%
Metals	126,841	65,193	63,920	63,716	63,716	67,850	67,850	67,850	67,850	67,302	67,541	67,205
Recycling collection rate		51%	50%	50%	50%	53%	53%	53%	53%	53%	53%	53%
Change in tons from revised baseline		2.0%	0.0%	-0.3%	-0.3%	6.1%	6.1%	6.1%	6.1%	5.3%	5.7%	5.1%
Glass	94,109	62,634	62,634	61,221	61,221	67,402	67,402	67,402	67,402	68,865	69,966	71,721
Recycling collection rate		67%	67%	65%	65%	72%	72%	72%	72%	73%	74%	76%
Change in tons from revised baseline		0.0%	0.0%	-2.3%	-2.3%	7.6%	7.6%	7.6%	7.6%	9.9%	11.7%	14.5%
Other	2,646,776	34,940	32,637	21,470	21,470	28,373	28,373	28,373	28,373	30,251	33,617	36,221
Recycling collection rate		1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
Change in tons from revised baseline		7.1%	0.0%	-34.2%	-34.2%	-13.1%	-13.1%	-13.1%	-13.1%	-7.3%	3.0%	11.0%
Overall Tonnages	3,643,237	576,235	554,695	541,085	541,085	615,969	618,603	615,969	617,501	630,952	649,395	663,559
Change in tons from revised baseline		3.9%	0.0%	-2.5%	-2.5%	11.0%	11.5%	11.0%	11.3%	13.7%	17.1%	19.6%
Total in-scope recoverables	996,461	541,295	522,058	519,615	519,615	587,597	590,230	587,597	589,128	600,701	615,778	627,338
Recycling collection rate		54%	52%	52%	52%	59%	59%	59%	59%	60%	62%	63%
Change in tons from revised baseline		3.7%	0.0%	-0.5%	-0.5%	12.6%	13.1%	12.6%	12.8%	15.1%	18.0%	20.2%
Total MRF inbound contamination tons		49,664	87,231	73,621	73,621	34,325	34,348	34,325	34,325	36,420	40,137	43,023
Change in tons from revised baseline		-43.1%	0.0%	-15.6%	-15.6%	-60.7%	-60.6%	-60.7%	-60.7%	-58.2%	-54.0%	-50.7%
Total MRF inbound contamination rate		14.3%	17.5%	13.9%	13.9%	9.3%	9.2%	9.3%	9.2%	9.4%	9.8%	10.2%

* Note: the MRF inbound contamination rate is calculated based on what materials are listed as not accepted. Tons increase in the revised baseline because materials previously accepted but dropped from the list are considered contamination.

Figures in this report represent the consultant team's best modeling estimates based on available data.
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