

July 24, 2020

Mr. Martins Aiyetiwa, P.E.  
Senior Civil Engineer  
County of Los Angeles, Department of Public Works  
900 South Fremont Avenue  
Alhambra, CA 91803-1331

Subject: First Semi-Annual 2020 Waste Characterization  
Sunshine Canyon Landfill

Dear Mr. Aiyetiwa,

In accordance with Condition 13 of the Finding of Conformance (FOC) (December 18, 2008), for Sunshine Canyon Landfill, attached please find the Biannual Solid Waste Monitoring and Reporting Form for the first semi-annual waste characterization conducted in June 2020. The waste characterization study was postponed due to safety concerns during the COVID-19 pandemic.

Please do not hesitate to contact me if you have any questions.

Sincerely,



Tuong-Phu Ngo, P.E.  
Environmental Manager  
Sunshine Canyon Landfill

CC: Chris Coyle, Republic Services  
Josh Mills, Republic Services  
Valorie Moore, Republic Services  
David Thompson, SCL LEA  
Dee Lugo, SCL LEA

## Waste Characterization Report submitted by SCL

Category	Material Type	Quantity (Tons)				Total
		Residential	Commercial	Industrial	Other	
Paper	Corrugated Containers	402.3	400.9	248.7	43.7	1095.6
	Mixed Paper	425.3	205.1	51.6	131.8	813.8
	Newspaper	127.9	37.5	39.2	15.2	219.7
	High Grade Ledger	0.0	5.9	0.0	0.0	5.9
	Other Paper	2669.9	1183.8	431.8	112.7	4398.3
Plastics	HDPE	30.5	25.8	20.3	0.0	76.6
	PET	146.3	58.6	28.8	0.0	233.8
	Film Plastics	457.2	189.3	100.9	2.1	749.6
	Other Plastics	753.8	493.0	323.0	41.7	1611.5
Glass	Refillable Beverage Glass	44.6	0.0	0.0	0.0	44.6
	CRV Glass	904.5	456.1	115.8	0.0	1476.4
	Other Recyclable Glass	463.2	44.0	149.4	10.2	666.8
	Other Non-Recyclable Glass	173.1	299.3	0.0	0.0	472.4
Metals	Aluminum Cans	171.5	31.6	32.0	0.0	235.1
	Bi-Metal Containers & Tin Cans	389.9	135.1	44.5	2.5	572.1
	Ferrous Metals	1072.5	764.5	587.1	45.7	2469.9
	Non-Ferrous Metals, Including Aluminum	504.4	211.7	79.5	0.0	795.7
	White Goods	0.0	0.0	0.0	0.0	0.0
Yard Waste	Leaves, Grass, Prunings	2277.5	1255.3	2184.5	0.0	5717.3
	Food Wastes	4693.9	3144.1	240.2	0.0	8078.3
Other Organics	Tires & Rubber Products	383.5	164.4	146.4	21.6	715.9
	Wood Wastes	701.1	1577.7	2441.6	123.7	4844.1
	Agricultural Crop Residues	0.0	0.0	0.0	0.0	0.0
	Manure	0.0	0.0	0.0	0.0	0.0
	Textiles and Leather	1617.2	1313.3	202.7	56.6	3189.7
Other Waste	Inert Solids (Concrete, Brick, Sand)	1786.4	3088.3	2633.5	0.0	7508.2
	HHW	2054.0	916.2	183.8	97.6	3251.6
Special Waste	Ash	0.0	0.0	0.0	0.0	0.0
	Sewage Sludge	0.0	0.0	0.0	0.0	0.0
	Industrial Sludge	0.0	0.0	0.0	0.0	0.0
	Asbestos	0.0	0.0	0.0	0.0	0.0
	Auto Shredder Waste	0.0	0.0	0.0	0.0	0.0
	Auto Bodies	0.0	0.0	0.0	0.0	0.0
	Other Specific Wastes	0.0	0.0	0.0	0.0	0.0
	Total	22,250.62	16,001.63	10,285.46	705.17	49,243.37

*Waste  
Characterization  
Report submitted  
by SCL*

# Waste Reclassification

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- Definition of organics based on SB-1383:
  - Organic waste is any solid wastes containing material originated from living organisms and their metabolic waste products, including but not limited to food, green material, landscape and pruning waste, organic textiles and carpets, lumber, wood, paper products, printing and writing paper, manure, biosolids, digestate, and sludges. (*Source: Proposed Short-lived Climate Pollutants (SLCP): Organic Waste Reductions Regulations*)

## SCL Waste Characterization Report SB 1383

Period		Spring 2020					
Material Type		Quantity (% of Load in Tons)					
		Residential	Commercial	Industrial	Other	Total	%
Organics	Corrugated Container	402.3	400.9	248.7	43.7	1095.6	2.22
	Mixed Paper	425.3	205.1	51.6	131.8	813.8	1.65
	Newspaper	127.9	37.5	39.2	15.2	219.7	0.45
	High Grage Ledger	0	5.9	0	0	5.9	0.01
	Other Paper	2669.9	1183.8	431.8	112.7	4398.3	8.93
	Leaves, Grass, Prunings	2277.5	1255.3	2184.5	0	5717.3	11.61
	Food Waste	4693.9	3144.1	240.2	0	8078.3	16.41
	Tires & Rubber Products	383.5	164.4	146.4	21.6	715.9	1.45
	Wood Wastes	701.1	1577.7	2441.6	123.7	4844.1	9.84
	Agricultural Crop Residues	0	0	0	0	0	0.00
	Manure	0	0	0	0	0	0.00
	Textile & Leather	1617.2	1313.3	202.7	56.6	3189.7	6.48
						<b>59.05</b>	
Plastics	High-Density Polyethylene (HDPE)	30.5	25.8	20.3	0	76.6	0.16
	Polyethylene Terephthalate (PET)	146.3	58.6	28.8	0	233.8	0.47
	Film Plastics	457.2	189.3	100.9	2.1	749.6	1.52
	Other Plastics	753.8	493	323	41.7	1611.5	3.27
						<b>5.43</b>	
Glass	Refillable Beverage Glass	44.6	0	0	0	44.6	0.09
	California Redemption Value Glass	904.5	456.1	115.8	0	1476.4	3.00
	Other Recyclable Glass	463.2	44	149.4	10.2	666.8	1.35
	Other Non-Recyclable Glass	173.1	299.3	0	0	472.4	0.96
						<b>5.40</b>	
Metals	Aluminum Cans	171.5	31.6	32	0	235.1	0.48
	Bi-Metal Containers & Tin Cans	389.9	135.1	44.5	2.5	572.1	1.16
	Ferrous Metals	1072.5	764.5	587.1	45.7	2469.9	5.02
	Non-Ferrous Metal Include Aluminum	504.4	211.7	79.5	0	795.7	1.62
	White Goods	0	0	0	0	0	0.00
						<b>8.27</b>	
Other Waste	Inert Solids (concrete, brick, sand)	1786.4	3088.3	2633.5	0	7508.2	15.25
	Household Hazardous Waste	2054	916.2	183.8	97.6	3251.6	6.60
						<b>21.85</b>	
Special Waste	Ash	0	0	0	0	0	0.00
	Sewage Sludge	0	0	0	0	0	0.00
	Industrial Sludge	0	0	0	0	0	0.00
	Asbestos	0	0	0	0	0	0.00
	Auto Shredder Waste	0	0	0	0	0	0.00
	Auto Bodies	0	0	0	0	0	0.00
Other Specific Waste	0	0	0	0	0	0.00	
<b>Totals</b>		22250.50	16001.50	10285.30	705.10	49242.90	<b>100.00</b>

Waste Characterization Report  
(Reclassified based on  
SB-1383 definition)

# Comparison between waste received Spring 2020 Vs. Fall 2019

## SCL Waste Characterization Report (SB-1383)

Period	Fall 2019						Spring 2020					
Category	Quantity (% of Load in Tons)						Quantity (% of Load in Tons)					
	Residential	Commercial	Industrial	Other	Total	%	Residential	Commercial	Industrial	Other	Total	%
Organics	13,583	10,187	3,383	33	27,186	66.08	13,299	9,288	5,987	505	29,079	59.05
Plastics	1,579	1,269	119	2	2,968	7.22	1,388	767	473	44	2,672	6.12
Glass	1,730	1,273	84	89	3,175	7.72	1,585	799	265	10	2,660	6.09
Metals	855	931	364	37	2,187	5.32	2,138	1,143	743	48	4,073	9.33
Other Waste	1,457	744	5,653	276	8,131	19.76	3,840	4,005	2,817	98	10,760	21.85
Special Waste	0	0	0	0	0	0.00	0	0	0	0	0	0.00
<b>Total</b>	19,204	14,403	9,603	437	43,647	100	22,251	16,002	10,285	705	49,243	100

Percent Difference of The Total Waste Stream Spring '20 Vs. Fall '19	
Waste	Percent (%)
Organics	-7.03
Plastics	-1.09
Glass	-1.62
Metals	4.02
Other Waste	2.09
Special Waste	0

# Comparison between waste received Spring 2020 Vs. Spring 2019

## SCL Waste Characterization Report (SB-1383)

Period	Spring 2019						Spring 2020					
Category	Quantity (% of Load in Tons)						Quantity (% of Load in Tons)					
	Residential	Commercial	Industrial	Other	Total	%	Residential	Commercial	Industrial	Other	Total	%
Organics	14440	10796	3762	106	29106	66.1	13,299	9,288	5,987	505	29,079	59.05
Plastics	1222	1191	341	6	2760	6.3	1,388	767	473	44	2,672	6.12
Glass	979	264	24	3	1270	2.9	1,585	799	265	10	2,660	6.09
Metals	418	1029	131	1	1579	3.6	2,138	1,143	743	48	4,073	9.33
Other Waste	1042	296	4792	296	6425	14.6	3,840	4,005	2,817	98	10,760	21.85
Special Waste	0	1957	335	574	0	0	0	0	0	0	0	0.00
<b>Total</b>	18101	15534	9386	985	44005	100	22,251	16,002	10,285	705	49,243	100

### Percent Difference of The Total Waste Stream Spring '20 Vs. Spring '19

Waste	Percent (%)
Organics	-7.09
Plastics	-0.15
Glass	3.21
Metals	5.74
<b>Other Waste</b>	<b>7.25</b>
Special Waste	0.00