

November 9, 2023

TO: Members of the Facility & Plan Review Subcommittee  
Los Angeles County Solid Waste Management Committee/  
Integrated Waste Management Task Force

FROM: Dennis Lee, Staff (DL)

**STAFF REPORT**  
**FINDING OF CONFORMANCE SPRING 2023 SEMIANNUAL WASTE**  
**CHARACTERIZATION STUDIES FOR VARIOUS LANDFILLS**

As requested by the Facility and Plan Review Subcommittee, below is the staff report on the Finding of Conformance Waste Characterization Studies submitted by the respective landfill facilities:

[Antelope Valley Recycling and Disposal Facility Fall 2023 Semi-Annual Waste Characterization Report](#) dated September 29, 2023. The Waste Characterization Study was conducted during a five-day period, on the week of September 11th. For this study period, the Landfill sampled approximately 167 tons out of the total incoming waste. Below is the information on the top three materials from the collected sample:

- Organic Materials composed of 63% of the total collected sample for this study period. Compared to Spring 2023 Study, the percentage of Organic Materials was reported at 59%.
- Plastics composed of 24% of the total collected sample. Compared to Spring 2023, the percentage of Plastics was reported at 28%.
- Other Waste including inert solids, household hazardous waste and tires and rubber products composed of 11% of the total collected sample. Compared to Spring 2023, the percentage of Other Waste was reported at 7%.

[Lancaster Landfill & Recycling Facility Fall 2023 Semi-Annual Waste Characterization Report](#) dated September 28, 2023. The Waste Characterization Study was conducted during a five-day period, on the week of September 11th. For this study period, the Landfill sampled approximately 133 tons out of the total incoming waste. Below is the information on the top three materials from the collected sample:

- Organic Materials composed of 60% of the total collected sample for this study period. Compared to Spring 2023 Study, the percentage of Organic Materials was reported at 40%.
- Plastics composed of 22% of the total collected sample. Compared to Spring 2023, the percentage of Plastics was reported at 52%.
- Special Waste composed of 10% of the total collected sample. Compared to Spring 2023, the percentage of Special Waste was reported at less than 1%.

[Calabasas Landfill Fall 2023 Semi-Annual Waste Characterization Report](#) dated October 23, 2023. The Waste Characterization Study was conducted during a six-day period, on the week of September 11th. For this study period, the Landfill sampled approximately 81 tons out of the total incoming waste. Below is the information on the top three materials from the collected sample:

- Organic Materials composed of 60% of the total collected sample for this study period. Compared to Spring 2023 Study, the percentage of Organic Materials was reported at 61%.
- Other Waste composed of 22% of the total collected sample. Compared to Spring 2023, the percentage of Other Waste was reported at 21%.
- Plastics composed of 10% of the total collected sample. Compared to Spring 2023, the percentage of Plastics was reported at 12%.

**Sunshine Canyon Landfill Fall 2023 Semi-Annual Waste Characterization Report** dated October 30, 2023. The Waste Characterization Study was conducted during a six-day period, on the week of September 18th. For this study period, the Landfill received approximately 45,000 tons of total incoming waste, from which a sample for this study was taken. Below is the information on the top three materials from the collected sample:

- Organic Materials composed of 59% of the total collected sample for this study period. Compared to Spring 2023 Study, the percentage of Organic Materials was reported at 63%.
- Other Waste composed of 21% of the total collected sample. Compared to Spring 2023, the percentage of Other Waste was reported at 9%.
- Glass composed of 8% of the total collected sample. Compared to Spring 2023, the percentage of Glass was reported at 13%.

**Chiquita Canyon Landfill Fall 2023 Semi-Annual Waste Characterization Report** dated October 13, 2023. The Waste Characterization Study was conducted during a six-day period, on the week of September 25th. For this study period, the Landfill received approximately 44,000 tons of total incoming waste, from which a sample for this study was taken. Below is the information on the top three materials from the collected sample:

- Organic Materials composed of 58% of the total collected sample for this study period. Compared to Spring 2023 Study, the percentage of Organic Materials was reported at 57%.
- Other Waste composed of 26% of the total collected sample. Compared to Spring 2023, the percentage of Other Waste was reported at 19%.
- Metals composed of 7% of the total collected sample. Compared to Spring 2023, the percentage of Metals was reported at 14%.

# Antelope Valley Recycling and Disposal Facility Report based on SB 1383 Definition <sup>1</sup>

Waste Materials	Spring 2023					
	Quantity (Load in Tons)					
	Residential	Commercial	Industrial	Other	Total	%
Corrugated Container	0.0	0.0	0.0		0.0	0.00
Mixed Paper	3.1	3.2	9.9		16.1	9.68
Newspaper	0.0	0.0	0.0		0.0	0.00
High Grage Ledger	0.0	0.0	0.0		0.0	0.00
Other Paper	2.1	8.5	9.9		20.6	12.34
Leaves, Grass, Prunings	3.5	9.1	2.1		14.7	8.79
Food Waste	2.2	1.5	17.6		21.2	12.71
Wood Wastes	7.5	1.6	11.3		20.4	12.21
Agricultural Crop Residues	0	1.1	0		1.1	0.66
Manure	2.6	5.9	0.0		8.5	5.11
Textile & Leather	1.2	0.0	0.5		1.7	1.01
Sewage Sludge	0	0	0		0.0	0.00
Industrial Sludge	0	0	0		0.0	0.00
						<b>62.51</b>
High-Density Polyethylene (HDPE)	0.1	0.0	1.7		1.8	1.06
Polyethylene Terephthalate (PET)	0.0	0.0	0.0		0.0	0.01
Film Plastics	8.1	2.8	1.3		12.1	7.28
Other Plastics	1.2	8.3	16.3		25.8	15.45
						<b>23.80</b>
Refillable Beverage Glass	0.5	0.0	0.0		0.5	0.28
California Redemption Value Glass	0.0	0.0	0.0		0.0	0.00
Other Recyclable Glass	0.0	0.0	0.0		0.0	0.00
Other Non-Recyclable Glass	0.4	0.0	0.0		0.4	0.21
						<b>0.50</b>
Aluminum Cans	0.0	0.0	0.0		0.0	0.01
Bi-Metal Containers & Tin Cans	0.0	0.0	0.0		0.0	0.00
Ferrous Metals	0.0	0.0	0.0		0.0	0.00
Non-Ferrous Metal Include Aluminum	0.1	0.0	3.4		3.5	2.10
White Goods	0.0	0.0	0.0		0.0	0.00
						<b>2.10</b>
Inert Solids (concrete, brick, sand)	0.1	0.0	15.9		16.0	9.60
Household Hazardous Waste (pounds)	1.4	1.1	0.0		2.5	1.48
Tires & Rubber Products	0.0	0.0	0.0		0.0	0.00
						<b>11.08</b>
Ash	0	0	0		0	0.00
Asbestos	0	0	0		0	0.00
Auto Shredder Waste	0	0	0		0	0.00
Auto Bodies	0	0	0		0	0.00
Other Specific Waste	0	0	0.0		0.0	0.00
						<b>0.00</b>
<b>Total</b>	<b>33.9</b>	<b>43.0</b>	<b>89.8</b>	<b>0.0</b>	<b>166.8</b>	<b>100</b>

## Percent Difference of The Total Waste Stream

Antelope Valley Recycling and Disposal Facility	Spring '23	Fall '23
Organics	59.17	62.51
Plastics	28.00	23.80
Glass	0.39	0.50
Metals	3.84	2.10
Other Waste	7.04	11.08
Special Waste	1.02	0.00

# Lancaster Landfill and Recycling Facility Report based on SB 1383 Definition<sup>1</sup>

Waste Materials	Spring 2023					
	Quantity (Load in Tons)					
	Residential	Commercial	Industrial	Other	Total	%
Corrugated Container	4.1	9.8	1.5	0.0	15.4	11.53
Mixed Paper	2.4	1.1	0.7	0.0	4.2	3.16
Newspaper	0.0	0.1	0.0	0.0	0.1	0.09
High Grade Ledger	0.0	0.0	0.0	0.0	0.0	0.00
Other Paper	0.1	0.0	0.1	0.0	0.1	0.11
Leaves, Grass, Prunings	9.5	1.3	0.8	0.0	11.6	8.68
Food Waste	8.9	10.3	0.3	0.0	19.4	14.58
Wood Wastes	1.3	0.5	16.2	0.0	18.0	13.48
Agricultural Crop Residues	0	0	1.02	0.0	1.0	0.76
Manure	0.0	0.0	0.5	0.0	0.5	0.35
Textile & Leather	5.8	4.5	0.0	0.0	10.4	7.77
Sewage Sludge	0	0	0	0.0	0.0	0.00
Industrial Sludge	0	0	0	0.0	0.0	0.00
						<b>60.50</b>
High-Density Polyethylene (HDPE)	1.3	0.6	0.3	0.0	2.2	1.63
Polyethylene Terephthalate (PET)	1.4	1.5	0.9	0.0	3.7	2.78
Film Plastics	6.7	10.5	1.2	0.0	18.3	13.73
Other Plastics	4.4	0.7	0.0	0.0	5.1	3.85
						<b>21.99</b>
Refillable Beverage Glass	0.0	0.0	0.5	0.0	0.5	0.40
California Redemption Value Glass	0.0	0.0	0.0	0.0	0.0	0.00
Other Recyclable Glass	0.0	0.0	0.0	0.0	0.0	0.00
Other Non-Recyclable Glass	0.0	0.0	0.1	0.0	0.1	0.10
						<b>0.49</b>
Aluminum Cans	1.4	0.1	0.0	0.0	1.5	1.14
Bi-Metal Containers & Tin Cans	1.8	1.1	0.0	0.0	3.0	2.23
Ferrous Metals	0.1	0.3	0.6	0.0	1.0	0.77
Non-Ferrous Metal Include Aluminum	0.1	1.1	0.2	0.0	1.5	1.09
White Goods	0.0	0.0	0.1	0.0	0.1	0.11
						<b>5.35</b>
Inert Solids (concrete, brick, sand)	0.0	0.0	0.1	0.0	0.2	0.12
Household Hazardous Waste (pounds)	0.0	0.0	0.0	0.0	0.0	0.00
Tires & Rubber Products	0.0	1.3	0.2	0.0	1.6	1.18
						<b>1.30</b>
Ash	0	0	0	0	0	0.00
Asbestos	0	0	0	0	0	0.00
Auto Shredder Waste	0	0.0	0	0	0.0	0.00
Auto Bodies	0	0	0	0	0	0.00
Other Specific Waste	0.1	1.1	12.6	0	13.8	10.36
						<b>10.36</b>
<b>Total</b>	<b>49.5</b>	<b>46.0</b>	<b>37.9</b>	<b>0.0</b>	<b>133.4</b>	<b>100</b>

Percent Difference of The Total Waste Stream		
Lancaster Landfill and Recycling Facility	Spring '23	Fall '23
Organics	39.63	60.50
Plastics	51.91	21.99
Glass	6.30	0.49
Metals	2.09	5.35
Other Waste	0.00	1.30
Special Waste	0.08	10.36

# Calabasas Landfill Report based on SB 1383 Definition<sup>1</sup>

Waste Materials	Spring 2023						
	Quantity (Load in Tons)						
	Residential	C&D	Commercial	Industrial	Other	Total	%
Corrugated Container	120.5	0.0	851.5	0.0	7.7	979.7	12.72
Mixed Paper	217.4	0.0	131.2	0.0	10.8	359.4	4.67
Newspaper	42.2	0.0	1.0	0.0	0.0	43.2	0.56
High Grade Ledger	9.7	0.0	19.4	0.0	0.1	29.2	0.38
Other Paper	268.6	0.0	199.2	0.0	4.8	472.6	6.14
Leaves, Grass, Prunings	393.6	0.0	354.4	0.0	79.9	827.9	10.75
Food Waste	689.9	0.0	396.6	0.0	12.7	1099.2	14.28
Wood Wastes	189.8	0.0	125.8	0.0	79.7	395.3	5.13
Agricultural Crop Residues	0.0	0.0	0.0	0.0	0.2	0.2	0.00
Manure	0.0	0.0	0.0	0.0	0.0	0.0	0.00
Textile & Leather	210.0	0.0	214.5	0.0	20.5	445.0	5.78
Sewage Sludge	0.0	0.0	0.0	0.0	0.0	0.0	0.00
Industrial Sludge	0.0	0.0	0.0	0.0	0.0	0.0	0.00
							<b>60.41</b>
High-Density Polyethylene (HDPE)	29.2	0.0	13.1	0.0	0.5	42.8	0.56
Polyethylene Terephthalate (PET)	49.9	0.0	24.9	0.0	0.4	75.2	0.98
Film Plastics	174.2	0.0	153.1	0.0	1.6	328.9	4.27
Other Plastics	248.6	0.0	95.0	0.0	5.9	349.5	4.54
							<b>10.34</b>
Refillable Beverage Glass	0.0	0.0	0.0	0.0	0.0	0.0	0.00
California Redemption Value Glass	41.8	0.0	37.0	0.0	0.7	79.5	1.03
Other Recyclable Glass	80.2	0.0	48.7	0.0	0.6	129.5	1.68
Other Non-Recyclable Glass	32.0	0.0	10.5	0.0	15.0	57.5	0.75
							<b>3.46</b>
Aluminum Cans	11.5	0.0	7.4	0.0	0.1	19.0	0.25
Bi-Metal Containers & Tin Cans	21.3	0.0	5.8	0.0	3.0	30.1	0.39
Ferrous Metals	82.3	0.0	80.9	0.0	5.7	168.9	2.19
Non-Ferrous Metal Include Aluminum	25.3	0.0	13.8	0.0	1.3	40.4	0.52
White Goods	0.0	0.0	0.1	0.0	0.1	0.2	0.00
							<b>3.36</b>
Inert Solids (concrete, brick, sand)	84.9	0.0	204.2	0.0	263.8	552.9	7.18
Household Hazardous Waste (pounds)	26.7	0.0	8.1	0.0	8.9	43.7	0.57
Tires & Rubber Products	0.4	0.0	0.0	0.0	0.0	0.4	0.01
Mixed Residue	695.9	0.0	263.8	0.0	170.2	1129.9	14.67
							<b>22.43</b>
Ash	0.0	0.0	0.0	0.0	0.0	0.0	0.00
Asbestos	0.0	0.0	0.0	0.0	0.0	0.0	0.00
Auto Shredder Waste	0.0	0.0	0	0.0	0.0	0.0	0.00
Auto Bodies	0.0	0.0	0.0	0.0	0.0	0.0	0.00
Other Specific Waste	0.0	0.0	0.0	0.0	0.0	0.0	0.00
							<b>0.00</b>
<b>Total</b>	<b>3745.9</b>	<b>0.0</b>	<b>3260.0</b>	<b>0.0</b>	<b>694.2</b>	<b>7700.1</b>	<b>100</b>

Percent Difference of the Total Waste Stream		
Calabasas Landfill	Spring '23	Fall '23
Organics	60.82	60.41
Plastics	11.66	10.34
Glass	4.11	3.46
Metals	2.83	3.36
Other Waste	20.54	22.43
Special Waste	0.00	0.00

# Sunshine Canyon City/County Landfill Report based on SB 1383 Definition<sup>1</sup>

Waste Materials	Spring 2023					
	Quantity (Load in Tons)					
	Residential	Commercial	Industrial	Other	Total	%
Corrugated Container	403.6	398.3	81.0	12.7	895.6	2.00
Mixed Paper	496.2	182.0	53.8	26.3	758.3	1.69
Newspaper	381.1	182.3	0.0	0.0	563.4	1.26
High Grade Ledger	48.7	18.2	6.1	0.0	73.0	0.16
Other Paper	2857.6	1274.5	219.6	6.1	4357.8	9.71
Leaves, Grass, Prunings	1248.4	525.7	141.0	0.0	1915.1	4.27
Food Waste	5384.5	1429.9	134.3	0.0	6948.7	15.49
Wood Wastes	674.6	231.1	1487.7	87.7	2481.1	5.53
Agricultural Crop Residues	0	154.5	0	0	154.5	0.34
Manure	1127.9	59.3	0.0	0.0	1187.2	2.65
Textile & Leather	5366.1	1549.0	111.8	0.0	7026.9	15.66
Sewage Sludge	0	0	0	0	0.0	0.00
Industrial Sludge	0	0	0	0	0.0	0.00
						<b>58.75</b>
High-Density Polyethylene (HDPE)	100.5	121.7	27.2	12.0	261.4	0.58
Polyethylene Terephthalate (PET)	121.2	98.2	5.3	0.4	225.1	0.50
Film Plastics	513.4	288.2	43.0	2.2	846.8	1.89
Other Plastics	865.8	282.1	49.5	40.7	1238.1	2.76
						<b>5.73</b>
Refillable Beverage Glass	0.0	0.0	0.0	0.0	0.0	0.00
California Redemption Value Glass	692.1	215.7	0.0	0.0	907.8	2.02
Other Recyclable Glass	209.0	0.0	0.0	3.7	212.7	0.47
Other Non-Recyclable Glass	643.2	1227.2	447.5	3.3	2321.2	5.17
						<b>7.67</b>
Aluminum Cans	87.6	48.8	9.4	0.6	146.4	0.33
Bi-Metal Containers & Tin Cans	315.4	53.8	4.4	0.0	373.6	0.83
Ferrous Metals	458.6	498.8	46.6	151.2	1155.2	2.57
Non-Ferrous Metal Include Aluminum	765.8	312.5	47.4	10.2	1135.9	2.53
White Goods	397.4	0.0	0.0	0.0	397.4	0.89
						<b>7.15</b>
Inert Solids (concrete, brick, sand)	2791.0	1569.9	2104.1	43.4	6508.4	14.51
Household Hazardous Waste (pounds)	1513.0	472.1	80.4	39.7	2105.2	4.69
Tires & Rubber Products	203.3	404.7	55.3	8.5	671.8	1.50
						<b>20.69</b>
Ash	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>0.00</b>
<b>Total</b>	<b>27666.0</b>	<b>11598.5</b>	<b>5155.4</b>	<b>448.7</b>	<b>44868.6</b>	<b>100</b>

Percent Difference of The Total Waste Stream		
Sunshine Canyon City/County Landfill	Spring '23	Fall '23
Organics	62.91	58.75
Plastics	8.06	5.73
Glass	12.59	7.67
Metals	7.83	7.15
Other Waste	8.62	20.69
Special Waste	0	0.00



# Chiquita Canyon Landfill Report based on SB 1383 Definition<sup>1</sup>

Waste Materials	Spring 2023					
	Quantity (Load in Tons)					
	Residential	Commercial	Industrial	Other	Total	%
Corrugated Container	93.1	583.7	144.7	17.0	838.5	1.92
Mixed Paper	373.2	505.8	0.0	7.3	886.3	2.03
Newspaper	156.7	95.6	0.0	0.0	252.3	0.58
High Grade Ledger	179.4	202.3	0.0	0.0	381.7	0.87
Other Paper	1141.2	2425.3	6.1	7.6	3580.2	8.20
Leaves, Grass, Prunings	0.0	1413.1	0.0	0.0	1413.1	3.24
Food Waste	2205.6	3709.8	0.0	3.2	5918.6	13.56
Wood Wastes	696.2	2460.4	3118.6	65.5	6340.7	14.53
Agricultural Crop Residues	0	0	0	0	0.0	0.00
Manure	207.6	2163.8	0.0	0.0	2371.4	5.43
Textile & Leather	609.7	2458.2	73.7	53.9	3195.5	7.32
Sewage Sludge	0	0	0	0	0.0	0.00
Industrial Sludge	0	0	0	0	0.0	0.00
						<b>57.69</b>
High-Density Polyethylene (HDPE)	28.2	106.5	0.0	0.0	134.7	0.31
Polyethylene Terephthalate (PET)	55.7	135.6	0.0	0.4	191.7	0.44
Film Plastics	126.0	361.3	17.7	1.2	506.2	1.16
Other Plastics	154.9	830.1	284.6	13.3	1282.9	2.94
						<b>4.85</b>
Refillable Beverage Glass	0.0	0.0	0.0	0.0	0.0	0.00
California Redemption Value Glass	156.3	600.9	0.0	0.0	757.2	1.73
Other Recyclable Glass	326.9	117.2	0.0	0.0	444.1	1.02
Other Non-Recyclable Glass	118.4	596.9	0.0	91.4	806.7	1.85
						<b>4.60</b>
Aluminum Cans	87.4	115.4	0.0	0.5	203.3	0.47
Bi-Metal Containers & Tin Cans	75.0	325.8	0.0	2.3	403.1	0.92
Ferrous Metals	160.2	713.9	496.0	176.6	1546.7	3.54
Non-Ferrous Metal Include Aluminum	161.9	626.8	15.5	0.0	804.2	1.84
White Goods	0.0	0.0	0.0	0.0	0.0	0.00
						<b>6.78</b>
Inert Solids (concrete, brick, sand)	982.7	5646.0	0.0	42.7	6671.4	15.29
Household Hazardous Waste (pounds)	452.1	2338.9	1446.1	261.6	4498.7	10.31
Tires & Rubber Products	36.4	168.6	0.0	12.0	217.0	0.50
						<b>26.09</b>
Ash	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>0.00</b>
<b>Total</b>	<b>8584.8</b>	<b>28701.9</b>	<b>5603.0</b>	<b>756.5</b>	<b>43646.2</b>	<b>100</b>

Percent Difference of The Total Waste Stream		
Chiquita Canyon Landfill	Spring '23	Fall '23
Organics	56.68	57.69
Plastics	7.34	4.85
Glass	3.25	4.60
Metals	13.91	6.78
Other Waste	18.81	26.09
Special Waste	0.00	0.00