

May 9, 2023

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

FROM: Karlo Manalo, Staff (KM)

**STAFF REPORT
FINDING OF CONFORMANCE SPRING 2024 SEMI-ANNUAL WASTE
CHARACTERIZATION STUDIES AND FIRST QUARTER 2024 MONITORING
REPORTS 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 and Quarterly Monitoring Reports submitted by the respective landfill facilities:

[Antelope Valley Recycling and Disposal Facility Spring 2024 Semi-Annual Waste Characterization Report](#) dated April 12, 2024. The Waste Characterization Study was conducted during a five-day period, on the week of March 18th. For this study period, the Landfill sampled approximately 191 tons out of the total incoming waste. Below is the information on the top three materials from the collected sample:

- Organic Materials composed of 66% of the total collected sample for this study period. Compared to Fall 2023 Study, the percentage of Organic Materials was reported at 63%.
- Plastics composed of 28% of the total collected sample. Compared to Fall 2023, the percentage of Plastics was reported at 24%.
- Metals composed of 4% of the total collected sample. Compared to Fall 2023, the percentage of Metals was reported at 2%.

[Lancaster Landfill & Recycling Facility Spring 2024 Semi-Annual Waste Characterization Report](#) dated April 11, 2024. The Waste Characterization Study was conducted during a five-day period, on the week of March 18th. For this study period, the Landfill sampled approximately 156 tons out of the total incoming waste. Below is the information on the top three materials from the collected sample:

- Organic Materials composed of 57% of the total collected sample for this study period. Compared to Fall 2023 Study, the percentage of Organic Materials was reported at 61%.
- Plastics composed of 23% of the total collected sample. Compared to Fall 2023, the percentage of Plastics was reported at 22%.
- Metals composed of 9% of the total collected sample. Compared to Fall 2023, the percentage of Metals was reported at 5%.

Calabasas Landfill Spring 2024 Semi-Annual Waste Characterization Report dated April 30, 2024. The Waste Characterization Study was conducted during a six-day period, on the week of March 11th. For this study period, the Landfill sampled approximately 127 tons out of the total incoming waste. Below is the information on the top three materials from the collected sample:

- Organic Materials composed of 45% of the total collected sample for this study period. Compared to Fall 2023 Study, the percentage of Organic Materials was reported at 60%.
- Other Waste composed of 41% of the total collected sample. Compared to Fall 2023, the percentage of Other Waste was reported at 22%.
- Plastics composed of 8% of the total collected sample. Compared to Fall 2023, the percentage of Plastics was reported at 10%.

Sunshine Canyon Landfill Spring 2024 Semi-Annual Waste Characterization Report dated April 30, 2024. The Waste Characterization Study was conducted during a six-day period, on the week of March 25th. For this study period, the Landfill sampled approximately 8 tons out of the total incoming waste. Below is the information on the top three materials from the collected sample:

- Organic Materials composed of 57% of the total collected sample for this study period. Compared to Fall 2023 Study, the percentage of Organic Materials was reported at 59%.
- Other Waste composed of 24% of the total collected sample. Compared to Fall 2023, the percentage of Other Waste was reported at 21%.
- Metals composed of 8% of the total collected sample. Compared to Fall 2023, the percentage of Metals was reported at 7%.

Chiquita Canyon Landfill 1st Quarter 2024 Monitoring Report dated April 15, 2024.

- Based on the report, the Chiquita Canyon Landfill disposed of approximately 554,000 tons in the 1st quarter of 2024. Compared to the 4th quarter of 2023, the disposal tonnage increased by 4% (531,000 tons to 554,000 tons).
- The beneficial reuse material (including diversion and soil) total for the 1st quarter of 2024 was 94,000 tons. Compared to the 4th quarter of 2023, the beneficial reuse material increased by 3% (91,000 tons to 94,000 tons).

Sunshine Canyon Landfill 1st Quarter 2024 Monitoring Report dated April 15, 2024.

- Based on the report, the Sunshine Canyon Landfill disposed of approximately 600,000 tons in the 1st quarter of 2024. Compared to the 4th quarter of 2023, the disposal tonnage decreased by less than 1% (602,000 tons to 600,000 tons).
- The beneficial reuse material (including diversion and soil) total for the 1st quarter of 2024 was 11,000 tons. Compared to the 4th quarter of 2023, the beneficial reuse material decreased by 15% (13,000 tons to 11,000 tons).

Antelope Valley Recycling and Disposal Facility Report based on SB 1383 Definition¹

Waste Materials	Spring 2024					
	Quantity (Load in Tons)					
	Residential	Commercial	Industrial	Other	Total	%
Corrugated Container	3.35	3.2	5.6		12.2	6.36
Mixed Paper	0.28	1.8	9.7		11.8	6.16
Newspaper	3.40	2.4	3.7		9.5	4.97
High Grade Ledger	0.00	0.0	0.9		0.9	0.47
Other Paper	0.02	0.7	0.5		1.3	0.66
Leaves, Grass, Prunings	2.50	21.9	37.9		62.4	32.64
Food Waste	0.00	0.1	2.2		2.3	1.18
Wood Wastes	3.46	4.4	11.0		18.8	9.86
Agricultural Crop Residues	0.00	0	0		0.0	0.00
Manure	0.00	0.0	0.0		0.0	0.00
Textile & Leather	1.95	0.0	5.6		7.5	3.93
Sewage Sludge	0.00	0	0		0.0	0.00
Industrial Sludge	0.00	0	0		0.0	0.00
						66.23
High-Density Polyethylene (HDPE)	5.89	0.0	20.3		26.2	13.70
Polyethylene Terephthalate (PET)	3.40	3.4	2.2		9.0	4.70
Film Plastics	1.32	0.0	9.0		10.3	5.39
Other Plastics	0.15	3.2	4.7		8.0	4.20
						27.99
Refillable Beverage Glass	0.00	0.9	0.0		0.9	0.48
California Redemption Value Glass	0.00	0.0	0.0		0.0	0.00
Other Recyclable Glass	0.00	0.0	0.0		0.0	0.00
Other Non-Recyclable Glass	0.00	0.0	0.0		0.0	0.00
						0.48
Aluminum Cans	1.13	0.1	1.1		2.3	1.22
Bi-Metal Containers & Tin Cans	0.24	0.0	0.0		0.2	0.13
Ferrous Metals	0.19	3.4	1.5		5.1	2.65
Non-Ferrous Metal Include Aluminum	0.05	0.0	0.2		0.2	0.11
White Goods	0.00	0.0	0.0		0.0	0.00
						4.11
Inert Solids (concrete, brick, sand)	0.24	0.0	0.0		0.2	0.13
Household Hazardous Waste (pounds)	0.00	0.0	0.0		0.0	0.00
Tires & Rubber Products	0.00	0.0	2.0		2.0	1.06
						1.18
Ash	0.00	0	0		0	0.00
Asbestos	0.00	0	0		0	0.00
Auto Shredder Waste	0.00	0	0		0	0.00
Auto Bodies	0.00	0	0		0	0.00
Other Specific Waste	0.00	0	0.0		0.0	0.00
						0.00
Total	27.58	45.5	118.0	0.0	191.1	100

Percent Difference of The Total Waste Stream		
Antelope Valley Recycling and Disposal Facility	Fall '23	Spring '24
Organics	62.51	66.23
Plastics	23.80	27.99
Glass	0.50	0.48
Metals	2.10	4.11
Other Waste	11.08	1.18
Special Waste	0.00	0.00

Lancaster Landfill and Recycling Facility Report based on SB 1383 Definition¹

Waste Materials	Spring 2024					
	Quantity (Load in Tons)					
	Residential	Commercial	Industrial	Other	Total	%
Corrugated Container	2.00	5.32	2.15	0.00	9.47	6.07
Mixed Paper	1.56	3.14	1.52	0.00	6.22	3.98
Newspaper	0.46	0.32	0.00	0.00	0.78	0.50
High Grade Ledger	0.00	1.22	0.00	0.00	1.22	0.78
Other Paper	4.56	2.59	0.73	0.00	7.88	5.05
Leaves, Grass, Prunings	0.00	0.00	1.94	0.00	1.94	1.24
Food Waste	20.29	14.19	0.85	0.00	35.33	22.63
Wood Wastes	3.09	2.11	20.01	0.00	25.21	16.15
Agricultural Crop Residues	0.00	0.00	0.38	0.00	0.38	0.24
Manure	0.27	0.00	0.11	0.00	0.38	0.24
Textile & Leather	0.42	0.00	0.08	0.00	0.49	0.31
Sewage Sludge	0.00	0.00	0.00	0.00	0.00	0.00
Industrial Sludge	0.00	0.00	0.00	0.00	0.00	0.00
						57.20
High-Density Polyethylene (HDPE)	2.21	3.23	2.08	0.00	7.52	4.82
Polyethylene Terephthalate (PET)	4.93	5.68	2.58	0.00	13.19	8.45
Film Plastics	0.00	0.00	0.00	0.00	0.00	0.00
Other Plastics	9.03	3.73	2.80	0.00	15.56	9.96
						23.23
Refillable Beverage Glass	1.43	1.41	0.00	0.00	2.84	1.82
California Redemption Value Glass	2.25	0.71	0.00	0.00	2.97	1.90
Other Recyclable Glass	0.90	1.71	0.00	0.00	2.61	1.67
Other Non-Recyclable Glass	0.12	1.20	0.43	0.00	1.74	1.12
						6.50
Aluminum Cans	1.98	1.47	0.00	0.00	3.45	2.21
Bi-Metal Containers & Tin Cans	5.02	2.24	0.00	0.00	7.26	4.65
Ferrous Metals	0.11	0.00	0.00	0.00	0.11	0.07
Non-Ferrous Metal Include Aluminum	1.05	0.00	1.40	0.00	2.44	1.57
White Goods	0.01	0.77	0.08	0.00	0.87	0.56
						9.05
Inert Solids (concrete, brick, sand)	2.07	0.00	0.00	0.00	2.07	1.32
Household Hazardous Waste (pounds)	0.00	0.00	0.00	0.00	0.00	0.00
Tires & Rubber Products	0.23	2.71	1.27	0.00	4.21	2.70
						4.02
Ash	0.00	0.00	0.00	0.00	0.00	0.00
Asbestos	0.00	0.00	0.00	0.00	0.00	0.00
Auto Shredder Waste	0.00	0.00	0.00	0.00	0.00	0.00
Auto Bodies	0.00	0.00	0.00	0.00	0.00	0.00
Other Specific Waste	0.00	0.00	0.00	0.00	0.00	0.00
						0.00
Total	63.97	53.77	38.40	0.00	156.14	100

Percent Difference of The Total Waste Stream

Lancaster Landfill and Recycling Facility	Fall '23	Spring '24
Organics	60.50	57.20
Plastics	21.99	23.23
Glass	0.49	6.50
Metals	5.35	9.05
Other Waste	1.30	4.02
Special Waste	10.36	0.00

Calabasas Landfill Report based on SB 1383 Definition ¹

Waste Materials	Spring 2024							
	Quantity (Load in Tons)							
	Residential	C&D	Commercial	Industrial	Other	Other	Total	%
Corrugated Container	47.00	0.00	181.80	0.00	0.00	0.70	229.50	3.39
Mixed Paper	92.40	0.00	42.30	0.00	0.00	0.20	134.90	1.99
Newspaper	4.70	0.00	0.10	0.00	0.00	0.00	4.80	0.07
High Grade Ledger	17.20	0.00	3.40	0.00	0.00	0.00	20.60	0.30
Other Paper	249.40	0.00	129.10	0.00	0.00	0.20	378.70	5.60
Leaves, Grass, Prunings	553.70	0.00	313.10	0.00	390.70	15.30	882.10	13.04
Food Waste	404.70	0.00	126.70	0.00	0.00	0.00	531.40	7.86
Wood Wastes	457.60	0.00	130.80	0.00	54.70	18.40	606.80	8.97
Agricultural Crop Residues	0.00	0.00	0.00	0.00		0.00	0.00	0.00
Manure	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Textile & Leather	274.00	0.00	11.70	0.00	0.00	0.20	285.90	4.23
Sewage Sludge	0.00	0.00	0.00	0.00		0.00	0.00	0.00
Industrial Sludge	0.00	0.00	0.00	0.00		0.00	0.00	0.00
								45.46
High-Density Polyethylene (HDPE)	19.70	0.00	4.50	0.00	0.00	0.10	24.30	0.36
Polyethylene Terephthalate (PET)	24.40	0.00	5.00	0.00	0.00	0.00	29.40	0.43
Film Plastics	105.00	0.00	54.40	0.00	0.00	0.70	160.10	2.37
Other Plastics	210.20	0.00	125.80	0.00	0.00	0.30	336.30	4.97
								8.13
Refillable Beverage Glass	0.20	0.00	0.00	0.00	0.00	0.00	0.20	0.00
California Redemption Value Glass	19.50	0.00	2.50	0.00	0.00	0.00	22.00	0.33
Other Recyclable Glass	33.70	0.00	4.20	0.00	0.00	0.00	37.90	0.56
Other Non-Recyclable Glass	10.30	0.00	1.20	0.00	0.00	0.00	11.50	0.17
								1.06
Aluminum Cans	5.00	0.00	0.40	0.00	0.00	0.00	5.40	0.08
Bi-Metal Containers & Tin Cans	10.30	0.00	3.00	0.00	0.00	0.00	13.30	0.20
Ferrous Metals	219.10	0.00	7.30	0.00	0.00	0.80	227.20	3.36
Non-Ferrous Metal Include Aluminum	14.20	0.00	2.50	0.00	0.00	1.20	17.90	0.26
White Goods	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
								3.90
Inert Solids (concrete, brick, sand)	346.50	0.00	523.10	0.00	0.00	51.30	920.90	13.62
Household Hazardous Waste (pounds)	3.20	0.00	1.30	0.00	0.00	0.00	4.50	0.07
Tires & Rubber Products	124.90	0.00	2.20	0.00	0.00	0.00	127.10	1.88
Mixed Residue	603.50	0.00	1135.50	0.00		8.90	1747.90	25.85
								41.41
Ash	2.20	0.00	0.00	0.00	0.00	0.00	2.20	0.00
Asbestos	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Auto Shredder Waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Auto Bodies	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Specific Waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
								0.00
Total	3852.60	0.00	2811.90	0.00	445.40	98.30	6762.80	100

Percent Difference of the Total Waste Stream

Calabasas Landfill	Fall '23	Spring '24
Organics	60.41	45.46
Plastics	10.34	8.13
Glass	3.46	1.06
Metals	3.36	3.90
Other Waste	22.43	41.41
Special Waste	0.00	0.00

Sunshine Canyon City/County Landfill Report based on SB 1383 Definition ¹

Waste Materials	Spring 2024					
	Quantity (Load in Tons)					
	Residential	Commercial	Industrial	Other	Total	%
Corrugated Container	286.4	440.6	89.4	0.0	816.4	1.84
Mixed Paper	576.7	342.6	22.9	0.0	942.2	2.13
Newspaper	283.3	10.2	0.0	0.0	293.5	0.66
High Grade Ledger	231.1	173.4	8.6	0.0	413.1	0.93
Other Paper	4272.8	556.8	236.8	0.0	5066.4	11.44
Leaves, Grass, Prunings	2374.6	1099.0	0.0	0.0	3473.6	7.84
Food Waste	4427.3	785.6	126.2	0.0	5339.1	12.05
Wood Wastes	1773.0	2060.4	1369.7	0.0	5203.1	11.74
Agricultural Crop Residues	0.0	0.0	0.0	0.0	0.0	0.00
Manure	328.9	31.7	0.0	0.0	360.6	0.81
Textile & Leather	2142.5	732.5	538.0	0.0	3413.0	7.70
Sewage Sludge	0.0	0.0	0.0	0.0	0.0	0.00
Industrial Sludge	0.0	0.0	0.0	0.0	0.0	0.00
						57.15
High-Density Polyethylene (HDPE)	175.3	30.9	0.0	0.0	206.2	0.47
Polyethylene Terephthalate (PET)	183.1	33.5	2.3	0.0	218.9	0.49
Film Plastics	384.5	80.3	126.0	0.0	590.8	1.33
Other Plastics	557.0	311.3	267.4	0.0	1135.7	2.56
						4.86
Refillable Beverage Glass	0.0	0.0	0.0	0.0	0.0	0.00
California Redemption Value Glass	258.6	40.1	0.0	0.0	298.7	0.67
Other Recyclable Glass	837.6	63.3	0.0	0.0	900.9	2.03
Other Non-Recyclable Glass	50.9	503.7	323.7	0.0	878.3	1.98
						4.69
Aluminum Cans	91.5	24.7	0.0	0.0	116.2	0.26
Bi-Metal Containers & Tin Cans	483.4	82.6	9.7	0.0	575.7	1.30
Ferrous Metals	408.6	1419.1	525.6	0.0	2353.3	5.31
Non-Ferrous Metal Include Aluminum	438.4	190.1	69.8	0.0	698.3	1.58
White Goods	0.0	0.0	0.0	0.0	0.0	0.00
						8.45
Inert Solids (concrete, brick, sand)	3380.9	1770.2	178.9	0.0	5330.0	12.03
Household Hazardous Waste (pounds)	1823.8	1962.8	612.2	0.0	4398.8	9.93
Tires & Rubber Products	386.7	372.9	51.8	0.0	811.4	1.83
						23.79
Ash	0.0	0.0	0.0	0.0	0.0	0.00
Asbestos	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	0.00
Auto Bodies	0.0	0.0	0.0	0.0	0.0	0.00
Other Specific Waste	0.0	0.0	0.0	469.6	469.6	1.06
						1.06
Total	26,156.9	13,118.3	4,559.0		44,303.8	100

Percent Difference of The Total Waste Stream		
Sunshine Canyon City/County Landfill	Fall '23	Spring '24
Organics	58.75	57.15
Plastics	5.73	4.86
Glass	7.67	4.69
Metals	7.15	8.45
Other Waste	20.69	23.79
Special Waste	0	1.06