

June 8, 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 2023 SEMIANNUAL WASTE
CHARACTERIZATION STUDIES

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:

Sunshine Canyon Landfill Spring 2023 Semi Annual Spring Waste Characterization Report dated May 11, 2023. The Waste Characterization Study was conducted during a six-day period, on the week of April 6th. For this period of study, the total incoming waste received at the Landfill was approximately 46,000 tons. Below is information on the top materials from the report:

- Organic materials composed of 63% of the total collected sample for this study period. Compared to Fall 2022 Study, the percentage of organics was reported at 77%.
- Glass composed of 13% of the total collected sample. Compared to Fall 2022, the percentage of glass was reported at 5%.
- Other Waste including inert solids, household hazardous waste and tires and rubber products composed of 9% of the total collected sample. Compared to Fall 2022, the percentage of these wastes was reported at 5%.

Calabasas Landfill Spring 2023 Semi Annual Spring Waste Characterization Report dated April 24, 2023. The Waste Characterization Study was conducted during a six-day period, on the week of March 13th. For this period of study, the total incoming waste received at the Landfill was approximately 6,300 tons. Below is the information on the top three materials from the report:

- Organic materials composed of 61% of the total collected sample for this study period. Compared to Fall 2022 Study, the percentage of organics was reported at 62%.
- Glass composed of 4% of the total collected sample. Compared to Fall 2022, the percentage of glass was reported at 2%.
- Other Waste including inert solids, household hazardous waste and tires and rubber products composed of 21% of the total collected sample. Compared to Fall 2022, the percentage of these wastes was reported at 20%.

	Sunshine Canyon City/County Landfill Report based on SB 1383 Definition ¹						
Waste Type	Waste Materials	Spring 2023					
		Quantity (Load in Tons)					
		Residential	Commercial	Industrial	Other	Total	%
Organics	Corrugated Container	397.6	567.5	156.3	20.7	1142.1	2.50
	Mixed Paper	376.9	203.0	29.8	3.9	613.6	1.34
	Newspaper	436.7	130.9	9.0	1.0	577.6	1.26
	High Grade Ledger	301.2	155.8	3.5	3.2	463.7	1.01
	Other Paper	3599.8	1858.1	286.7	0.2	5744.8	12.57
	Leaves, Grass, Prunings	1246.9	1588.4	0.0	0.0	2835.3	6.20
	Food Waste	3863.4	2601.5	383.7	0.0	6848.6	14.99
	Wood Wastes	963.6	473.8	3343.1	48.0	4828.5	10.57
	Agricultural Crop Residues	0	0	0	0	0.0	0.00
	Manure	963.2	0.0	9.0	0.0	972.2	2.13
	Textile & Leather	3932.6	611.8	142.5	36.4	4723.3	10.33
	Sewage Sludge	0	0	0	0	0.0	0.00
	Industrial Sludge	0	0	0	0	0.0	0.00
							62.91
Plastics	High-Density Polyethylene (HDPE)	60.6	86.9	0.0	0.1	147.6	0.32
	Polyethylene Terephthalate (PET)	164.1	91.1	37.0	0.2	292.4	0.64
	Film Plastics	745.5	536.9	70.1	0.4	1352.9	2.96
	Other Plastics	1126.2	640.2	76.3	48.2	1890.9	4.14
							8.06
Glass	Refillable Beverage Glass	0.0	0.0	0.0	0.0	0.0	0.00
	California Redemption Value Glass	454.6	190.7	0.0	0.0	645.3	1.41
	Other Recyclable Glass	629.7	176.2	46.8	0.0	852.7	1.87
	Other Non-Recyclable Glass	3988.0	266.2	0.0	0.0	4254.2	9.31
							12.59
Metals	Aluminum Cans	137.9	43.0	1.9	0.0	182.8	0.40
	Bi-Metal Containers & Tin Cans	315.0	116.5	0.0	0.0	431.5	0.94
	Ferrous Metals	1024.8	238.9	341.9	30.0	1635.6	3.58
	Non-Ferrous Metal Include Aluminum	713.9	296.3	182.9	134.7	1327.8	2.91
	White Goods	0.0	0.0	0.0	0.0	0.0	0.00
							7.83
Other Waste	Inert Solids (concrete, brick, sand)	1648.3	530.0	0.0	0.0	2178.3	4.77
	Household Hazardous Waste (pounds)	403.5	287.1	130.8	129.9	951.3	2.08
	Tires & Rubber Products	686.2	123.4	0.0	0.0	809.6	1.77
							8.62
Special Waste	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
							0.00
	Total	28180.2	11814.2	5251.3	456.9	45702.6	100

Percent Difference of The Total Waste Stream		
Sunshine Canyon City/County Landfill	Fall '22	Spring '23
Organics	77.16	62.91
Plastics	6.69	8.06
Glass	5.15	12.59
Metals	6.13	7.83
Other Waste	4.87	8.62
Special Waste	0	0.00

Calabasas Landfill Report based on SB 1383 Definition ¹								
Waste Type	Waste Materials	Spring 2023						
		Quantity (Load in Tons)						
		Residential	C&D	Commercial	Industrial	Other	Total	%
Organics	Corrugated Container	209.1	0.0	131.6	0.0	7.9	348.6	5.55
	Mixed Paper	219.2	0.0	54.4	0.0	3.3	276.9	4.41
	Newspaper	24.7	0.0	4.8	0.0	0.2	29.7	0.47
	High Grade Ledger	49.2	0.0	17.4	0.0	0.1	66.7	1.06
	Other Paper	452.3	0.0	174.8	0.0	5.0	632.1	10.07
	Leaves, Grass, Prunings	416.2	0.0	96.7	0.0	81.4	594.3	9.47
	Food Waste	964.0	0.0	262.6	0.0	3.6	1230.2	19.60
	Wood Wastes	102.4	0.0	137.7	0.0	100.8	340.9	5.43
	Agricultural Crop Residues	0.0	0.0	0.0	0.0	3.9	3.9	0.06
	Manure	0.0	0.0	0.0	0.0	0.0	0.0	0.00
	Textile & Leather	218.1	0.0	57.0	0.0	18.3	293.4	4.68
	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
								60.82
Plastics	High-Density Polyethylene (HDPE)	18.7	0.0	5.8	0.0	0.6	25.1	0.40
	Polyethylene Terephthalate (PET)	75.0	0.0	14.0	0.0	0.1	89.1	1.42
	Film Plastics	259.1	0.0	93.3	0.0	0.4	352.8	5.62
	Other Plastics	178.9	0.0	84.1	0.0	1.8	264.8	4.22
								11.66
Glass	Refillable Beverage Glass	0.0	0.0	0.0	0.0	0.0	0.0	0.00
	California Redemption Value Glass	43.1	0.0	9.2	0.0	0.7	53.0	0.84
	Other Recyclable Glass	145.4	0.0	7.6	0.0	0.0	153.0	2.44
	Other Non-Recyclable Glass	38.5	0.0	6.6	0.0	7.0	52.1	0.83
								4.11
Metals	Aluminum Cans	13.4	0.0	4.5	0.0	0.0	17.9	0.29
	Bi-Metal Containers & Tin Cans	26.1	0.0	28.3	0.0	0.9	55.3	0.88
	Ferrous Metals	50.3	0.0	20.7	0.0	3.1	74.1	1.18
	Non-Ferrous Metal Include Aluminum	23.5	0.0	5.2	0.0	0.1	28.8	0.46
	White Goods	0.0	0.0	1.1	0.0	0.3	1.4	0.02
								2.83
Other Waste	Inert Solids (concrete, brick, sand)	81.3	0.0	33.5	0.0	267.1	381.9	6.09
	Household Hazardous Waste (pounds)	7.3	0.0	4.8	0.0	0.3	12.4	0.20
	Tires & Rubber Products	5.3	0.0	3.9	0.0	0.4	9.6	0.15
	Mixed Residue	587.8	0.0	230.7	0.0	66.6	885.1	14.10
								20.54
Special Waste	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	2.8	0.0	0.0	2.8	0.04
	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
								0.04
Total		4208.9	0.0	1493.1	0.0	573.9	6275.9	100

Percent Difference of the Total Waste Stream		
Calabasas Landfill	Fall '22	Spring '23
Organics	62.13	60.82
Plastics	12.2	11.66
Glass	2.45	4.11
Metals	3.19	2.83
Other Waste	20.03	20.54
Special Waste	0.00	0.00