

July 11, 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 SEMIANNUAL WASTE
CHARACTERIZATION STUDIES 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 Study submitted by the Chiquita Canyon Landfill.

[Chiquita Canyon Landfill Spring 2024 Semi-Annual Waste Characterization Report](#) dated April 15, 2024. The Waste Characterization Study was conducted during a six-day period, on the week of March 18th. For this study period, the Landfill received approximately 46,073 tons of total incoming waste, from which the sample for this study was taken. 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 57%.
- Other Waste composed of 28% of the total collected sample. Compared to Fall 2023, the percentage of Other Waste was reported at 26%.
- Metals composed of 6% of the total collected sample. Compared to Fall 2023, the percentage of Metals was reported at 7%.

Chiquita Canyon Landfill Report based on SB 1383 Definition¹

Waste Type	Waste Materials	Spring 2024					
		Quantity (Load in Tons)					
		Residential	Commercial	Industrial	Other	Total	%
Organics	Corrugated Container	260.9	825.0	145.8	3.5	1235.2	2.68
	Mixed Paper	297.3	564.2	0.0	7.7	869.2	1.89
	Newspaper	113.5	175.3	7.7	0.0	296.5	0.64
	High Grade Ledger	164.3	264.9	20.0	7.1	456.3	0.99
	Other Paper	1058.7	4398.2	227.2	2.2	5686.3	12.34
	Leaves, Grass, Prunings	898.6	2274.5	62.7	0.0	3235.8	7.02
	Food Waste	1265.3	5277.2	187.5	1.7	6731.7	14.61
	Wood Wastes	495.6	1611.4	847.9	22.8	2977.7	6.46
	Agricultural Crop Residues	0.0	0.0	0.0	0.0	0.0	0.00
	Manure	132.5	419.0	0.0	0.0	551.5	1.20
	Textile & Leather	1580.8	2011.5	773.1	35.5	4400.9	9.55
	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
							57.39
Plastics	High-Density Polyethylene (HDPE)	135.7	156.4	25.3	1.0	318.4	0.69
	Polyethylene Terephthalate (PET)	55.4	281.9	27.0	0.0	364.3	0.79
	Film Plastics	140.8	560.9	69.2	0.8	771.7	1.67
	Other Plastics	302.8	553.1	93.0	3.8	952.7	2.07
							5.22
Glass	Refillable Beverage Glass	0.0	0.0	0.0	0.0	0.0	0.00
	California Redemption Value Glass	82.4	148.1	58.1	0.0	288.6	0.63
	Other Recyclable Glass	739.4	308.9	19.9	4.3	1072.5	2.33
	Other Non-Recyclable Glass	194.5	61.9	0.0	0.0	256.4	0.56
							3.51
Metals	Aluminum Cans	46.6	137.9	30.2	0.0	214.7	0.47
	Bi-Metal Containers & Tin Cans	65.0	295.4	39.3	0.0	399.7	0.87
	Ferrous Metals	630.3	554.9	100.7	170.3	1456.2	3.16
	Non-Ferrous Metal Include Aluminum	128.1	302.9	138.9	1.9	571.8	1.24
	White Goods	0.0	0.0	0.0	0.0	0.0	0.00
							5.74
Other Waste	Inert Solids (concrete, brick, sand)	534.0	5320.6	2002.5	0.0	7857.1	17.05
	Household Hazardous Waste (pounds)	99.3	2541.2	1548.9	77.3	4266.7	9.26
	Tires & Rubber Products	122.0	698.0	21.1	0.0	841.1	1.83
							28.14
Special Waste	Ash	0.0	0.0	0.0	0.0	0	0.00
	Asbestos	0.0	0.0	0.0	0.0	0	0.00
	Auto Shredder Waste	0.0	0.0	0.0	0.0	0	0.00
	Auto Bodies	0.0	0.0	0.0	0.0	0	0.00
	Other Specific Waste	0.0	0.0	0.0	0.0	0	0.00
							0.00
Total		9543.80	29743.30	6446.00	339.90	46073.0	100

Percent Difference of The Total Waste Stream		
Chiquita Canyon Landfill	Fall '23	Spring '24
Organics	57.69	57.39
Plastics	4.85	5.22
Glass	4.60	3.51
Metals	6.78	5.74
Other Waste	26.09	28.14
Special Waste	0.00	0.00