

May 11, 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 AND FIRST QUARTER 2023 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:

[Chiquita Canyon Landfill Spring 2023 Semi Annual Spring Waste Characterization Report](#) dated April 14, 2023. The Waste Characterization Study was conducted during a six-day period, on the week of March 6th. For this period of study, the Landfill sampled approximately 46,000 tons out of the total incoming waste. Below is information on the top materials from the collected sample:

- Organic materials composed of 57% of the total collected sample for this study period. Compared to Fall 2022 Study, the percentage of organics was reported at 74%.
- Glass composed of 3% of the total collected sample. Compared to Fall 2022, the percentage of glass was reported at 8%.
- Metals composed of 14% of the total collected sample. Compared to Fall 2022, the percentage of metals was reported at 6%.
- Other Waste including inert solids, household hazardous waste and tires and rubber products composed of 19% of the total collected sample. Compared to Fall 2022, the percentage of these wastes was reported at 5%.

[Antelope Valley Recycling and Disposal Facility Spring 2023 Semi Annual Spring Waste Characterization Report](#) dated April 14, 2023. The Waste Characterization Study was conducted during a six-day period, on the week of March 13th. For this period of study, the Landfill sampled approximately 306 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 Fall 2022 Study, the percentage of organics was reported at 46%.
- Plastics composed of 28% of the total collected sample. Compared to Fall 2022, the percentage of plastics was reported at 35%.
- Other Waste including inert solids, household hazardous waste and tires and rubber products composed of 7% of the total collected sample. Compared to Fall 2022, the percentage of these wastes was reported at 16%.

**Lancaster Landfill & Recycling Facility Spring 2023 Semi Annual Spring Waste Characterization Report** dated April 14, 2023. The Waste Characterization Study was conducted during a five-day period, on the week of March 13th. For this period of study, the Landfill sampled approximately 148 tons out of the total incoming waste. Below is the information on the top three materials from the collected sample:

- Organic materials composed of 40% of the total collected sample for this study period. Compared to Fall 2022 Study, the percentage of organics was reported at 39%.
- Plastics composed of 52% of the total collected sample. Compared to Fall 2022, the percentage of plastics was reported at 58%.
- Glass composed of 6% of the total collected sample. Compared to Fall 2022, the percentage of glass was reported at 1%.

**Chiquita Canyon Landfill 1<sup>st</sup> Quarter 2023 Monitoring Report** dated April 14, 2023.

- Based on the report, the Chiquita Canyon Landfill disposed of approximately 535,000 tons in the 1<sup>st</sup> quarter of 2023. Compared to the 4<sup>th</sup> quarter of 2022, the disposal tonnage increased by 6% (507,000 tons to 535,000 tons).
- The beneficial reuse material (including diversion and soil) total for the 1<sup>st</sup> quarter of 2023 was 68,000 tons. Compared to the 4<sup>th</sup> quarter of 2022, the beneficial reuse material decreased by 47% (128,000 tons to 68,000 tons).

**Sunshine Canyon Landfill 1<sup>st</sup> Quarter 2023 Monitoring Report** dated April 14, 2023.

- Based on the report, the Sunshine Canyon Landfill disposed of approximately 560,000 tons in the 1<sup>st</sup> quarter of 2023. Compared to the 4<sup>th</sup> quarter of 2022, the disposal tonnage decreased by 5% (587,000 tons to 560,000 tons).
- The beneficial reuse material (including diversion and soil) total for the 1<sup>st</sup> quarter of 2023 was 8,500 tons. Compared to the 4<sup>th</sup> quarter of 2022, the beneficial reuse material decreased by 17% (10,300 tons to 8,500 tons).

# 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                 | 78.8                    | 659.4          | 124.4         | 7.3          | 869.9          | 1.90         |
| Mixed Paper                          | 211.9                   | 191.9          | 18.9          | 0.0          | 422.8          | 0.92         |
| Newspaper                            | 24.4                    | 9.7            | 6.6           | 0.0          | 40.6           | 0.09         |
| High Grade Ledger                    | 36.6                    | 519.3          | 24.6          | 0.0          | 580.6          | 1.27         |
| Other Paper                          | 1264.0                  | 4243.3         | 576.3         | 15.9         | 6099.5         | 13.31        |
| Leaves, Grass, Prunings              | 0.0                     | 388.8          | 1313.1        | 0.0          | 1702.0         | 3.72         |
| Food Waste                           | 1906.9                  | 4009.3         | 283.3         | 0.0          | 6199.4         | 13.53        |
| Wood Wastes                          | 334.2                   | 3380.7         | 67.8          | 45.6         | 3828.4         | 8.36         |
| Agricultural Crop Residues           | 185.8                   | 0              | 0             | 0            | 185.8          | 0.41         |
| Manure                               | 12.7                    | 434.5          | 0.0           | 0.0          | 447.2          | 0.98         |
| Textile & Leather                    | 1144.6                  | 3528.8         | 915.7         | 0.0          | 5589.0         | 12.20        |
| Sewage Sludge                        | 0                       | 0              | 0             | 0            | 0.0            | 0.00         |
| Industrial Sludge                    | 0                       | 0              | 0             | 0            | 0.0            | 0.00         |
|                                      |                         |                |               |              |                | <b>56.68</b> |
| High-Density Polyethylene (HDPE)     | 10.2                    | 111.3          | 0.5           | 0.0          | 122.0          | 0.27         |
| Polyethylene Terephthalate (PET)     | 31.1                    | 109.7          | 73.3          | 0.1          | 214.2          | 0.47         |
| Film Plastics                        | 132.7                   | 611.6          | 209.6         | 10.9         | 964.8          | 2.11         |
| Other Plastics                       | 318.6                   | 1518.4         | 194.0         | 32.4         | 2063.4         | 4.50         |
|                                      |                         |                |               |              |                | <b>7.34</b>  |
| Refillable Beverage Glass            | 0.0                     | 0.0            | 0.0           | 0.0          | 0.0            | 0.00         |
| California Redemption Value Glass    | 204.0                   | 225.4          | 0.0           | 5.4          | 434.8          | 0.95         |
| Other Recyclable Glass               | 39.1                    | 0.0            | 0.0           | 0.0          | 39.1           | 0.09         |
| Other Non-Recyclable Glass           | 39.0                    | 654.8          | 320.6         | 0.0          | 1014.4         | 2.21         |
|                                      |                         |                |               |              |                | <b>3.25</b>  |
| Aluminum Cans                        | 53.0                    | 87.7           | 13.1          | 0.0          | 153.9          | 0.34         |
| Bi-Metal Containers & Tin Cans       | 49.9                    | 418.5          | 0.0           | 0.0          | 468.4          | 1.02         |
| Ferrous Metals                       | 1275.9                  | 2667.9         | 34.7          | 46.1         | 4024.7         | 8.79         |
| Non-Ferrous Metal Include Aluminum   | 342.8                   | 565.4          | 334.4         | 9.0          | 1251.4         | 2.73         |
| White Goods                          | 0.0                     | 475.2          | 0.0           | 0.0          | 475.2          | 1.04         |
|                                      |                         |                |               |              |                | <b>13.91</b> |
| Inert Solids (concrete, brick, sand) | 753.9                   | 3616.7         | 1080.3        | 602.7        | 6053.5         | 13.21        |
| Household Hazardous Waste (pounds)   | 465.9                   | 1453.4         | 0.0           | 18.6         | 1938.0         | 4.23         |
| Tires & Rubber Products              | 94.6                    | 243.1          | 289.5         | 0.0          | 627.1          | 1.37         |
|                                      |                         |                |               |              |                | <b>18.81</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>9010.5</b>           | <b>30124.9</b> | <b>5880.6</b> | <b>794.0</b> | <b>45810.0</b> | <b>100</b>   |

| Percent Difference of The Total Waste Stream |          |            |
|--|----------|------------|
| Chiquita Canyon Landfill                     | Fall '22 | Spring '23 |
| Organics                                     | 74.45    | 56.68      |
| Plastics                                     | 6.79     | 7.34       |
| Glass  | 7.67     | 3.25       |
| Metals                                       | 6.00     | 13.91      |
| Other Waste                                  | 5.09     | 18.81      |
| Special Waste                                | 0        | 0.00       |

# 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                 | 0.1                     | 0.0        | 1.1        |       | 1.3   | 0.41         |
| Mixed Paper                          | 5.3                     | 10.2       | 1.4        |       | 16.8  | 5.48         |
| Newspaper                            | 0.0                     | 0.0        | 0.0        |       | 0.0   | 0.00         |
| High Grade Ledger                    | 0.0                     | 0.0        | 4.3        |       | 4.3   | 1.42         |
| Other Paper                          | 2.0                     | 6.8        | 0.4        |       | 9.2   | 2.99         |
| Leaves, Grass, Prunings              | 17.8                    | 28.6       | 51.0       |       | 97.4  | 31.87        |
| Food Waste                           | 3.5                     | 18.9       | 10.4       |       | 32.7  | 10.71        |
| Wood Wastes                          | 1.8                     | 3.0        | 10.4       |       | 15.2  | 4.98         |
| Agricultural Crop Residues           | 0                       | 0          | 0          |       | 0.0   | 0.00         |
| Manure                               | 0.0                     | 0.0        | 0.0        |       | 0.0   | 0.00         |
| Textile & Leather                    | 0.0                     | 5.7        | 0.0        |       | 5.7   | 1.85         |
| Sewage Sludge                        | 0                       | 0          | 0          |       | 0.0   | 0.00         |
| Industrial Sludge                    | 0                       | 0          | 0          |       | 0.0   | 0.00         |
|                                      |                         |            |            |       |       | <b>59.71</b> |
| High-Density Polyethylene (HDPE)     | 0.0                     | 5.8        | 1.9        |       | 7.8   | 2.55         |
| Polyethylene Terephthalate (PET)     | 8.6                     | 4.9        | 9.1        |       | 22.5  | 7.37         |
| Film Plastics                        | 1.0                     | 5.9        | 15.2       |       | 22.0  | 7.21         |
| Other Plastics                       | 0.3                     | 4.9        | 28.0       |       | 33.2  | 10.87        |
|                                      |                         |            |            |       |       | <b>28.00</b> |
| Refillable Beverage Glass            | 0.4                     | 0.6        | 0.0        |       | 1.0   | 0.34         |
| 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           | 0.1                     | 0.0        | 0.0        |       | 0.1   | 0.05         |
|                                      |                         |            |            |       |       | <b>0.39</b>  |
| Aluminum Cans                        | 0.4                     | 1.1        | 0.0        |       | 1.5   | 0.49         |
| Bi-Metal Containers & Tin Cans       | 2.9                     | 0.0        | 0.4        |       | 3.3   | 1.08         |
| Ferrous Metals                       | 0.1                     | 0.0        | 0.5        |       | 0.6   | 0.20         |
| Non-Ferrous Metal Include Aluminum   | 0.1                     | 0.0        | 6.2        |       | 6.3   | 2.07         |
| White Goods                          | 0.0                     | 0.0        | 0.0        |       | 0.0   | 0.00         |
|                                      |                         |            |            |       |       | <b>3.84</b>  |
| Inert Solids (concrete, brick, sand) | 0.9                     | 0.0        | 17.7       |       | 18.7  | 6.10         |
| Household Hazardous Waste (pounds)   | 0.0                     | 0.0        | 1.9        |       | 1.9   | 0.62         |
| Tires & Rubber Products              | 1.0                     | 0.0        | 0.0        |       | 1.0   | 0.32         |
|                                      |                         |            |            |       |       | <b>7.04</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          | 3.1        |       | 3.1   | 1.02         |
|                                      |                         |            |            |       |       | <b>1.02</b>  |
| <b>Total</b>                         | 46.4                    | 96.3       | 163.0      | 0.0   | 305.8 | <b>100</b>   |

| Percent Difference of The Total Waste Stream    |          |            |
|---|----------|------------|
| Antelope Valley Recycling and Disposal Facility | Fall '22 | Spring '23 |
| Organics  | 45.75    | 59.71      |
| Plastics  | 34.52    | 28.00      |
| Glass   | 1.38     | 0.39       |
| Metals  | 3.19     | 3.84       |
| Other Waste                                     | 15.59    | 7.04       |
| Special Waste                                   | 0        | 1.02       |

# 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                 | 4.5                     | 2.3         | 5.9         | 0.0        | 12.7         | 8.56         |
| Mixed Paper                          | 4.2                     | 5.1         | 1.6         | 0.0        | 10.9         | 7.35         |
| Newspaper                            | 0.0                     | 0.0         | 0.5         | 0.0        | 0.5          | 0.30         |
| High Grade Ledger                    | 0.0                     | 0.0         | 0.0         | 0.0        | 0.0          | 0.00         |
| Other Paper                          | 0.4                     | 8.0         | 0.1         | 0.0        | 8.5          | 5.73         |
| Leaves, Grass, Prunings              | 0.8                     | 0.0         | 0.0         | 0.0        | 0.8          | 0.52         |
| Food Waste                           | 3.6                     | 3.8         | 0.0         | 0.0        | 7.4          | 4.99         |
| Wood Wastes                          | 0.8                     | 12.5        | 1.6         | 0.0        | 14.9         | 10.04        |
| Agricultural Crop Residues           | 0                       | 0.549       | 0           | 0.0        | 0.5          | 0.37         |
| Manure                               | 0.0                     | 0.0         | 0.0         | 0.0        | 0.0          | 0.00         |
| Textile & Leather                    | 0.8                     | 1.1         | 0.7         | 0.0        | 2.6          | 1.77         |
| Sewage Sludge                        | 0                       | 0           | 0           | 0.0        | 0.0          | 0.00         |
| Industrial Sludge                    | 0                       | 0           | 0           | 0.0        | 0.0          | 0.00         |
|                                      |                         |             |             |            |              | <b>39.63</b> |
| High-Density Polyethylene (HDPE)     | 0.0                     | 0.0         | 0.1         | 0.0        | 0.1          | 0.05         |
| Polyethylene Terephthalate (PET)     | 0.0                     | 0.0         | 0.1         | 0.0        | 0.1          | 0.05         |
| Film Plastics                        | 0.8                     | 5.4         | 0.6         | 0.0        | 6.7          | 4.51         |
| Other Plastics                       | 39.4                    | 11.6        | 19.0        | 0.0        | 70.0         | 47.30        |
|                                      |                         |             |             |            |              | <b>51.91</b> |
| Refillable Beverage Glass            | 0.0                     | 0.0         | 5.0         | 0.0        | 5.0          | 3.39         |
| California Redemption Value Glass    | 0.0                     | 0.0         | 0.0         | 0.0        | 0.0          | 0.00         |
| Other Recyclable Glass               | 0.1                     | 0.0         | 0.0         | 0.0        | 0.1          | 0.05         |
| Other Non-Recyclable Glass           | 0.7                     | 0.2         | 3.3         | 0.0        | 4.2          | 2.86         |
|                                      |                         |             |             |            |              | <b>6.30</b>  |
| Aluminum Cans                        | 1.1                     | 0.5         | 0.0         | 0.0        | 1.6          | 1.11         |
| Bi-Metal Containers & Tin Cans       | 0.1                     | 0.0         | 0.8         | 0.0        | 0.9          | 0.62         |
| Ferrous Metals                       | 0.0                     | 0.0         | 0.0         | 0.0        | 0.0          | 0.00         |
| Non-Ferrous Metal Include Aluminum   | 0.0                     | 0.0         | 0.5         | 0.0        | 0.5          | 0.36         |
| White Goods                          | 0.0                     | 0.0         | 0.0         | 0.0        | 0.0          | 0.00         |
|                                      |                         |             |             |            |              | <b>2.09</b>  |
| Inert Solids (concrete, brick, sand) | 0.0                     | 0.0         | 0.0         | 0.0        | 0.0          | 0.00         |
| Household Hazardous Waste (pounds)   | 0.0                     | 0.0         | 0.0         | 0.0        | 0.0          | 0.00         |
| Tires & Rubber Products              | 0.0                     | 0.0         | 0.0         | 0.0        | 0.0          | 0.00         |
|                                      |                         |             |             |            |              | <b>0.00</b>  |
| Ash                                  | 0                       | 0           | 0           | 0          | 0            | 0.00         |
| Asbestos                             | 0                       | 0           | 0           | 0          | 0            | 0.00         |
| Auto Shredder Waste                  | 0                       | 0.1         | 0           | 0          | 0.1          | 0.08         |
| Auto Bodies                          | 0                       | 0           | 0           | 0          | 0            | 0.00         |
| Other Specific Waste                 | 0                       | 0           | 0           | 0          | 0.0          | 0.00         |
|                                      |                         |             |             |            |              | <b>0.08</b>  |
| <b>Total</b>                         | <b>57.2</b>             | <b>51.2</b> | <b>39.7</b> | <b>0.0</b> | <b>148.0</b> | <b>100</b>   |

| Percent Difference of The Total Waste Stream |          |            |
|--|----------|------------|
| Lancaster Landfill and Recycling Facility    | Fall '22 | Spring '23 |
| Organics                                     | 39.26    | 39.63      |
| Plastics                                     | 57.77    | 51.91      |
| Glass  | 0.90     | 6.30       |
| Metals                                       | 1.65     | 2.09       |
| Other Waste                                  | 0.96     | 0.00       |
| Special Waste                                | 0        | 0.08       |