

October 9, 2024

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 FALL 2024 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 2024 Semi-Annual Waste Characterization Report](#) dated September 24, 2024. The Waste Characterization Study was conducted during a five-day period, on the week of September 16th. For this study period, the Landfill sampled approximately 190 tons out of the total incoming waste. Below is the information on the top three materials from the collected sample:

- Organic Materials composed of 65% of the total collected sample for this study period. Compared to Spring 2024 Study, the percentage of Organic Materials was reported at 66%.
- Plastics composed of 26% of the total collected sample. Compared to Spring 2024, the percentage of Plastics was reported at 28%.
- Other Wastes composed of 5% of the total collected sample. Compared to Spring 2024, the percentage of Metals was reported at 1%.

[Lancaster Landfill & Recycling Facility Fall 2024 Semi-Annual Waste Characterization Report](#) dated October 1, 2024. The Waste Characterization Study was conducted during a five-day period, on the week of September 16th. For this study period, the Landfill sampled approximately 149 tons out of the total incoming waste. Below is the information on the top three materials from the collected sample:

- Organic Materials composed of 51% of the total collected sample for this study period. Compared to Spring 2024 Study, the percentage of Organic Materials was reported at 57%.
- Plastics composed of 44% of the total collected sample. Compared to Spring 2024, the percentage of Plastics was reported at 23%.
- Metals composed of 3% of the total collected sample. Compared to Spring 2024, the percentage of Metals was reported at 9%.

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

| Waste Type    | Waste Materials                      | Fall 2024               |            |            |       |       |       |
|---------------|--------------------------------------|-------------------------|------------|------------|-------|-------|-------|
|               |                                      | Quantity (Load in Tons) |            |            |       |       |       |
|               |                                      | Residential             | Commercial | Industrial | Other | Total | %     |
| Organics      | Corrugated Container                 | 2.4                     | 1.1        | 0.0        | 0.0   | 3.4   | 1.80  |
|               | Mixed Paper                          | 6.6                     | 6.7        | 14.5       | 0.0   | 27.8  | 14.62 |
|               | Newspaper                            | 0.4                     | 0.7        | 0.3        | 0.0   | 1.4   | 0.73  |
|               | High Grade Ledger                    | 0.0                     | 0.0        | 0.0        | 0.0   | 0.0   | 0.00  |
|               | Other Paper                          | 1.9                     | 1.4        | 2.2        | 0.0   | 5.5   | 2.91  |
|               | Leaves, Grass, Prunings              | 1.9                     | 4.5        | 8.1        | 0.0   | 14.5  | 7.62  |
|               | Food Waste                           | 10.9                    | 1.8        | 42.7       | 0.0   | 55.3  | 29.08 |
|               | Wood Wastes                          | 1.3                     | 2.6        | 5.8        | 0.0   | 9.7   | 5.09  |
|               | Agricultural Crop Residues           | 0.0                     | 0.0        | 0.0        | 0.0   | 0.0   | 0.00  |
|               | Manure                               | 0.0                     | 1.1        | 2.8        | 0.0   | 3.9   | 2.04  |
|               | Textile & Leather                    | 1.1                     | 0.0        | 0.0        | 0.0   | 1.1   | 0.60  |
|               | Sewage Sludge                        |                         |            |            | 0.0   | 0.0   | 0.00  |
|               | Industrial Sludge                    |                         |            |            | 0.0   | 0.0   | 0.00  |
|               |                                      |                         |            |            |       |       | 64.50 |
| Plastics      | High-Density Polyethylene (HDPE)     | 7.5                     | 6.6        | 7.3        | 0.0   | 21.3  | 11.22 |
|               | Polyethylene Terephthalate (PET)     | 0.3                     | 2.4        | 0.0        | 0.0   | 2.7   | 1.42  |
|               | Film Plastics                        | 2.1                     | 1.1        | 4.6        | 0.0   | 7.7   | 4.06  |
|               | Other Plastics                       | 4.3                     | 3.8        | 9.9        | 0.0   | 18.1  | 9.50  |
|               |                                      |                         |            |            |       |       | 26.20 |
| Glass         | Refillable Beverage Glass            | 0.0                     | 0.0        | 0.0        | 0.0   | 0.0   | 0.01  |
|               | 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   | 0.01  |
|               | Other Non-Recyclable Glass           | 0.4                     | 0.0        | 0.9        | 0.0   | 1.4   | 0.71  |
|               |                                      |                         |            |            |       |       | 0.73  |
| Metals        | Aluminum Cans                        | 0.0                     | 0.5        | 0.0        | 0.0   | 0.5   | 0.28  |
|               | Bi-Metal Containers & Tin Cans       | 0.0                     | 0.5        | 0.0        | 0.0   | 0.5   | 0.28  |
|               | Ferrous Metals                       | 0.1                     | 0.0        | 0.0        | 0.0   | 0.1   | 0.04  |
|               | Non-Ferrous Metal Include Aluminum   | 0.1                     | 0.0        | 0.0        | 0.0   | 0.1   | 0.04  |
|               | White Goods                          | 4.3                     | 0.0        | 0.0        | 0.0   | 4.3   | 2.27  |
|               |                                      |                         |            |            |       |       | 2.91  |
| Other Waste   | Inert Solids (concrete, brick, sand) | 0.0                     | 0.7        | 1.1        | 0.0   | 1.8   | 0.95  |
|               | Household Hazardous Waste (pounds)   | 0.4                     | 1.6        | 0.0        | 0.0   | 2.0   | 1.03  |
|               | Tires & Rubber Products              | 0.5                     | 0.0        | 6.2        | 0.0   | 6.7   | 3.50  |
|               |                                      |                         |            |            |       |       | 5.48  |
| Special Waste | Ash                                  | 0.0                     | 0.0        | 0.0        | 0.0   | 0.0   | 0.00  |
|               | Asbestos                             | 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        | 0.4        | 0.0   | 0.4   | 0.19  |
|               |                                      |                         |            |            |       |       | 0.19  |
| Total         |                                      | 46.5                    | 37.1       | 106.7      | 0.0   | 190.3 | 100   |

| Percent Difference of The Total Waste Stream    |            |          |
|---|------------|----------|
| Antelope Valley Recycling and Disposal Facility | Spring '24 | Fall '24 |
| Organics  | 66.23      | 64.50    |
| Plastics  | 27.99      | 26.20    |
| Glass   | 0.48       | 0.73     |
| Metals  | 4.11       | 2.91     |
| Other Waste                                     | 1.18       | 5.48     |
| Special Waste                                   | 0.00       | 0.19     |

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

| Waste Type    | Waste Materials                      | Fall 2024               |            |            |       |       |       |
|---------------|--------------------------------------|-------------------------|------------|------------|-------|-------|-------|
|               |                                      | Quantity (Load in Tons) |            |            |       |       |       |
|               |                                      | Residential             | Commercial | Industrial | Other | Total | %     |
| Organics      | Corrugated Container                 | 0.6                     | 0.5        | 0.4        | 0.0   | 1.5   | 0.98  |
|               | Mixed Paper                          | 2.0                     | 0.2        | 5.0        | 0.0   | 7.3   | 4.86  |
|               | Newspaper                            | 0.4                     | 0.0        | 0.1        | 0.0   | 0.5   | 0.30  |
|               | High Grage Ledger                    | 0.4                     | 0.2        | 0.1        | 0.0   | 0.7   | 0.46  |
|               | Other Paper                          | 1.3                     | 1.3        | 0.8        | 0.0   | 3.4   | 2.29  |
|               | Leaves, Grass, Prunings              | 1.1                     | 4.2        | 12.8       | 0.0   | 18.1  | 12.13 |
|               | Food Waste                           | 9.1                     | 1.9        | 0.0        | 0.0   | 11.0  | 7.36  |
|               | Wood Wastes                          | 1.9                     | 0.7        | 27.1       | 0.0   | 29.7  | 19.89 |
|               | Agricultural Crop Residues           | 0.6                     | 0.0        | 0.0        | 0.0   | 0.6   | 0.40  |
|               | Manure                               | 0.0                     | 0.0        | 0.3        | 0.0   | 0.3   | 0.17  |
|               | Textile & Leather                    | 1.5                     | 1.1        | 0.5        | 0.0   | 3.1   | 2.09  |
|               | 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  |
|               |                                      |                         |            |            |       |       | 50.94 |
| Plastics      | High-Density Polyethylene (HDPE)     | 0.9                     | 0.5        | 0.7        | 0.0   | 2.0   | 1.34  |
|               | Polyethylene Terephthalate (PET)     | 1.0                     | 1.3        | 0.4        | 0.0   | 2.7   | 1.82  |
|               | Film Plastics                        | 0.1                     | 0.0        | 2.1        | 0.0   | 2.2   | 1.48  |
|               | Other Plastics                       | 30.7                    | 23.5       | 4.3        | 0.0   | 58.5  | 39.20 |
|               |                                      |                         |            |            |       |       | 43.84 |
| Glass         | Refillable Beverage Glass            | 0.0                     | 0.0        | 0.0        | 0.0   | 0.0   | 0.00  |
|               | California Redemption Value Glass    | 0.0                     | 0.2        | 0.0        | 0.0   | 0.2   | 0.16  |
|               | Other Recyclable Glass               | 0.0                     | 0.1        | 0.1        | 0.0   | 0.1   | 0.10  |
|               | Other Non-Recyclable Glass           | 0.0                     | 0.0        | 0.0        | 0.0   | 0.0   | 0.02  |
|               |                                      |                         |            |            |       |       | 0.27  |
| Metals        | Aluminum Cans                        | 0.2                     | 0.4        | 0.1        | 0.0   | 0.6   | 0.42  |
|               | Bi-Metal Containers & Tin Cans       | 0.4                     | 0.1        | 1.0        | 0.0   | 1.6   | 1.06  |
|               | Ferrous Metals                       | 0.0                     | 0.1        | 0.0        | 0.0   | 0.1   | 0.06  |
|               | Non-Ferrous Metal Include Aluminum   | 0.5                     | 0.3        | 0.7        | 0.0   | 1.4   | 0.92  |
|               | White Goods                          | 0.4                     | 0.0        | 0.8        | 0.0   | 1.2   | 0.82  |
|               |                                      |                         |            |            |       |       | 3.28  |
| Other Waste   | Inert Solids (concrete, brick, sand) | 0.7                     | 0.1        | 0.6        | 0.0   | 1.4   | 0.95  |
|               | Household Hazardous Waste (pounds)   | 0.0                     | 0.0        | 0.1        | 0.0   | 0.1   | 0.04  |
|               | Tires & Rubber Products              | 0.1                     | 0.0        | 0.9        | 0.0   | 1.0   | 0.66  |
|               |                                      |                         |            |            |       |       | 1.66  |
| Special Waste | 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        | 0.0   | 0.0   | 0.00  |
|               |                                      |                         |            |            |       |       | 0.00  |
| Total         |                                      | 53.9                    | 36.6       | 58.7       | 0.0   | 149.1 | 100   |

| Percent Difference of The Total Waste Stream |            |          |
|--|------------|----------|
| Lancaster Landfill and Recycling Facility    | Spring '24 | Fall '24 |
| Organics                                     | 57.20      | 50.94    |
| Plastics                                     | 23.23      | 43.84    |
| Glass  | 6.50       | 0.27     |
| Metals                                       | 9.05       | 3.28     |
| Other Waste                                  | 4.02       | 1.66     |
| Special Waste                                | 0.00       | 0.00     |