

# Odorous Load Profiles



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Prepared For:  
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# Chiquita Canyon Landfill OLPs

## Odorous Load Profiles

*Condition 21: Respondent, through its Odor Control Supervisor, shall conduct a waste characterization study to identify waste streams that are regularly received by the landfill and are typically odorous (“Odorous Load Profiles”).*

The first two Odorous Load Profiles represent two categories (based on Conditions 19a and 19c) of Odorous Loads as defined in Condition 19. The remaining Odorous Load Profiles were identified during waste characterization studies conducted at the Chiquita Canyon Landfill between April 6 and April 30, 2021.

### Odorous Load Profile – Condition 19a

**Hauler/Facility:** Hauler B Account 1

**Vehicle Type and Description:** Walking Floor

**Type of Waste:** Organic MRF Fines, Organics as described in the February 2021 Landfill Operations Assessment Report at Appendix D, page 7

### Odorous Load Profile – Condition 19c

**Odor Strength:** 3-5 according to the below objective scale as determined by trained Landfill staff from outside of the truck in accordance with SOP1

Odor Score	Level of Odor Detected
0	No Odor Detected
1	Very Light Odor Detected
2	Light Odor Detected
3	Moderate Odor
4	Strong Odor
5	Very Strong Odor

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The following Odorous Load Profiles will be used by the Odor Control Supervisor and trained Landfill staff to determine when loads arriving at Chiquita Canyon Landfill must be diverted to the OC Zone during Unfavorable Wind Conditions under Condition 19b. The first set of Odorous Load identifiers (Hauler/Facility, Vehicle Type and Description, Type of Waste, and Primary Odor Descriptor) under each profile will be used to make the determination of whether an incoming load fits the Odorous Load Profile. The additional information (under Additional Notes re Hauler/Facility/Profile) was collected during the waste characterization studies conducted between April 6 and April 30, 2021 and is provided for informational purposes and may be referred to by landfill staff when making Odorous Load designations.

## Chiquita Canyon Landfill OLPs

### Odorous Load Profile 1

**Hauler/Facility:** Hauler A

**Vehicle Type and Description:** Walking Floor

**Type of Waste:** Organic MRF Fines

**Additional Notes re Hauler/Facility/Profile:**

- **Load Inspection Times at Profiling:** 6 AM – 3 PM
- **Temperature of Waste at Profiling:** 50° F – 84° F
- **Amount of Time Since Waste Was Loaded at Profiling:** Unknown

### Odorous Load Profile 2

**Hauler/Facility:** Hauler A

**Vehicle Type and Description:** Walking Floor

**Type of Waste:** Organics

**Additional Notes re Hauler/Facility/Profile:**

- **Physical Characteristics of Waste at Profiling:** Both wet and dry organics loads were detected as odorous
- **Load Inspection Times at Profiling:** 6 AM – 3 PM
- **Temperature of Waste at Profiling:** 50° F – 84° F
- **Amount of Time Since Waste Was Loaded at Profiling:** Unknown

### Odorous Load Profile 3

**Hauler/Facility:** Hauler C

**Vehicle Type and Description:** Walking Floor

**Type of Waste:** Organics

**Additional Notes re Hauler/Facility/Profile:**

- **Physical Characteristics of Waste at Profiling:** Both wet and dry organics loads were detected as odorous
- **Load Inspection Times at Profiling:** 5 AM – 2 PM
- **Temperature of Waste at Profiling:** 55° F – 67° F
- **Amount of Time Since Waste Was Loaded at Profiling:** Unknown

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### Odorous Load Profile 4

**Hauler/Facility:** Hauler D

**Vehicle Type and Description:** Walking Floor

**Type of Waste:** Organics

**Additional Notes re Hauler/Facility/Profile:**

- **Physical Characteristics of Waste at Profiling:** Both wet and dry organics loads were detected as odorous
- **Load Inspection Times at Profiling:** 7 AM – 4 PM
- **Temperature of Waste at Profiling:** 69° F – 98° F
- **Amount of Time Since Waste Was Loaded at Profiling:** Unknown

### Odorous Load Profile 5

**Hauler:** Any

**Vehicle Type and Description:** Walking Floor

**Type of Waste:** Any

**Primary Odor Descriptor:** Decomposing Vegetation, Sour – If trained Landfill staff detect these types of odors from outside any walking floor trucks, the truck should be directed to the OC Zone regardless of the odor intensity

**Additional Notes re Hauler/Facility/Profile:**

- **Load Inspection Times:** 5 AM – 4 PM
- **Temperature of Waste:** 50° F – 98° F