

# SB 1383 Facility Measurement Frequency Guidance

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# Measurement Frequency at Transfer/Processor Facilities and Operations

## What are the requirements for facilities open fewer than 10 consecutive days (e.g., 2 times a week)?

The requirement is for the operator to perform measurements during 10 consecutive operating days per reporting period, and there are four reporting periods per year (one per quarter). If the facility were open two days a week, then the reporting period would span five weeks. In addition, the regulations allow the operator to propose an alternate sampling frequency to the EA for approval, with concurrence by the Department, if it will be as accurate as the requirements.

## What is the measurement frequency for facilities that don't send out material every day?

Facilities and operations should only perform a measurement on the day material is sent out within the 10 consecutive operating day period. The organic ratio of the sample is determined and then applied to the total amount of material sent out for that operating day.

Table 1 and Table 2 (below) illustrate the sampling frequency of a facility that handles a mixed waste organic (MO) stream and a source separated organic waste (SSO) stream. Gray container waste and other incoming waste streams are not included for the purpose of this example.

The facility's outgoing "organic material types" are mixed paper bales, old corrugated cardboard (OCC) bales, green waste, and processed mixed organics. The facility also sends material to landfill from its SSO and MO streams, which must be measured separately.

### SSO Streams

- Mixed paper bales are sent out four days within the 10-day period for a total of four measurements.
- OCC bales are sent out on one day within the 10-day period for a total of one measurement.
- Green waste is sent to a compost facility six days within the 10-day period for a total of six measurements.
- Material destined for landfill, comprised of the presort and residual from all the incoming SSO streams, is sent out for six days within the 10-day period for a total of six measurements.

### MO Stream

- Processed mixed organics from the MO stream are sent to an anaerobic digester for five days within the 10-day period for a total of five measurements.
- Material destined for landfill, comprised of the presort and residual from the incoming MO stream, is sent to landfill for four days within the 10-day period for a total of four measurements.

**Table 1: Example Facility Sampling Schedule for 10-Day Measurement Period with samples taken on outgoing organic material types and material sent for disposal**

Outgoing Material Type	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Total Samples
SSO: Mixed Paper			X		X	X			X		4
SSO: Old Corrugated Cardboard (OCC)							X				1
SSO: Green Waste to Compost Facility	X	X		X		X	X	X			6
SSO: Material to Landfill		X	X	X		X			X	X	6
MO: Processed Mixed Organics to Anaerobic Digester Operation		X		X		X		X		X	5
MO: Material to Landfill		X		X		X			X		4

**Table 2: List of Days that Samples are Taken from Example Facility in Table 1 (ADA accessible)**

Outgoing Material Types	Day in Measurement Period that Material Leaves the Facility and Sample is Taken
SSO: Mixed Paper	Days 3,5,6 and 9
SSO: Old Corrugated Cardboard	Day 7
SSO: Green Waste to Compost Facility	Days 1,2, 4, 6, 7 and 8
SSO: Material to Landfill	Days 2, 3, 4, 6, 9 and 10
MO: Processed Mixed Organics to Anaerobic Digester Operation	Days 2, 4, 6, 8 and 10
MO: Material to Landfill	Days 2, 4, 6 and 9

# Measurement Frequency at Compostable Material Handling Facilities & Operations and In-Vessel Digestion Facilities & Operations

## What are the requirements for facilities open fewer than 10 consecutive days (e.g., 2 times a week)?

The requirement is for the operator to perform measurements during 10 consecutive operating days per reporting period, and there are four reporting periods per year (one per quarter). If the facility were open two days a week, then the reporting period would span five weeks. In addition, the regulations allow the operator to propose an alternate sampling frequency to the EA for approval, with concurrence by the Department, provided that it will be as accurate as the requirements.

## What is the measurement frequency for facilities that don't send out material every day?

Facilities and operations should only perform a measurement on the day material is sent out within the 10 consecutive operating day period. The organic ratio of the sample is determined and then applied to the total amount of material sent out for that operating day.

Table 1 (below) illustrates the sampling frequency of a compost facility that does not send material to disposal every day. In this example, the facility sends material to disposal on the first, third, fifth, eighth and tenth day of their measurement period for a total of five measurements.

**Table 1: Example of Sampling Frequency at a Compost Facility**

Day in Measurement Period	Material Sent for Disposal and Measurement Taken
1	X
2	
3	X
4	
5	X
6	
7	
8	X
9	
10	X