



Report Date: February 16, 2021

File: 104962

Report Number: 164695

Spa Hills Farm Inc.

2223 Yankee Flats Road, Salmon Arm BC V1E 3J2

Dear Spa Hills Farm Inc.

Re: Notice Letter, Organic Matter Recycling Regulation 104962, 2223 Yankee Flats Road SW Salmon Arm BC V1E 3J2, Effluent

On February 11, 2021, Ministry of Environment and Climate Change Strategy, Environmental Protection Division staff conducted an inspection of your facility, Spa Hills Farm Inc. located at 2223 Yankee Flats Road SW Salmon Arm BC V1E 3J2 with authorization number 104962 under the *Environmental Management Act*. Ministry staff were accompanied on site by Josh Mitchell, Spa Hills Compost.

Inspection Details:

Spa Hills Compost is a Class A compost facility authorised to produce 4000 dry tonnes of compost (from 12000 wet tonnes of feedstock).

The site was registered under the Organic Matter Recycling Regulation on 2010-06-29 and last amended on 2016-02-02.

The incoming organic waste is received on an impervious surface, inspected for non-permitted material, blended, and composted for a minimum of 10 days in one of six aerated bunkers. The material is removed from the aerated bunker after a minimum of 10 days, then further composted for 25 days on an aerated windrow.

The Phase I aerated composting bins consist of six aerated concrete bins that are 4.8 m (15' 9") wide, 12.2 m (40 ft) long and 2.4 m (8 ft), fillable up to 2.4 m (8 ft) for the composting process. This corresponds to a fillable capacity of 120 cubic meters (160 yd³) per bin. Three bins are filled weekly when the facility is operating at capacity (12,000 tonnes or 18,500 m³ of material per year). The aeration system is embedded in the concrete floor.

The Phase II aerated composting windrows are housed inside a building that measures 15.2 m (50 ft) by 36.5 m (120 ft), and is located close to the Phase I composting building. There are four aerated windrows that are 4 m (12 ft) high, 7 m (24 ft) wide and 18 m (60 ft) long. Each of the aerated windrows has one removable aeration pipe underneath the center of the windrow.

An office review of the site was conducted on 2020-07-16 IR145833. Due to Covid-19, the on site part of this inspection was undertaken separately.

Requirement Description:	Environmental Management Act, Organic Matter Recycling Regulation (18/2002) (EMA) 18 (b): A storage facility must (b) be located at least 15 metres from any watercourse and 30 metres from any source of water for domestic purposes, and
Details/Findings:	iMap was reviewed and the facility is located at least 15 metres from any watercourse and 30 metres from any source of water for domestic purposes.

Compliance:	In
Actions to be taken:	N/A
Requirement Description:	Environmental Management Act, Organic Matter Recycling Regulation (18/2002) (EMA) 26 (2)(b)(i): The receiving, storage, processing and curing areas of a composting facility must comply with all of the following: (b) have a roof or cover, or a prepared surface, designed to prevent (i) the surface collection of water around the base of organic matter and compost, and
Details/Findings:	On 2020-08-25, EPO Blake noted roofs on structures for the processing and storage at the facility. No surface collection of water was noted on site.
Compliance:	In
Actions to be taken:	N/A
Requirement Description:	Environmental Management Act, Organic Matter Recycling Regulation (18/2002) (EMA) 26 (2)(b)(ii): The receiving, storage, processing and curing areas of a composting facility must comply with all of the following: (b) have a roof or cover, or a prepared surface, designed to prevent (ii) run-off water from entering the receiving, storage, processing and curing areas;
Details/Findings:	On 2020-08-25, EPO Blake noted roofs on structures for the processing and storage at the facility and the buildings have sloped floors to prevent entry of run-off water.
Compliance:	In

Actions to be taken:	N/A
Requirement Description:	Environmental Management Act, Organic Matter Recycling Regulation (18/2002) (EMA) 26 (2)(c): The receiving, storage, processing and curing areas of a composting facility must comply with all of the following: (c) have a leachate collection system designed, constructed, maintained and operated to reuse leachate, or to remove leachate, from the receiving, storage, processing and curing areas.
Details/Findings:	On 2020-08-25, EPO Blake was shown that all composting and storage areas had a sloped surface with drainage into a collection system that recycled the water back into the composting process.
Compliance:	In
Actions to be taken:	N/A
Requirement Description:	Environmental Management Act, Organic Matter Recycling Regulation (18/2002) (EMA) 27: The amount of organic matter in a composting facility must not at any time exceed the total design capacity of the facility.
Details/Findings:	On 2020-08-25, Josh Mitchell informed EPO Blake that the amount of organic matter in the composting facility did not exceed the total design capacity of the facility.
Compliance:	In
Actions to be taken:	N/A

Please be advised that this inspection report may be published on the provincial government website within 7 days.

If you have any questions about this letter, please contact the undersigned.

Yours truly,

Ross Blake
Environmental Protection Officer

cc:

Attachments:

Deliver via:

Email: ☒

Fax: ☐

Mail: ☐

Registered Mail: ☐

Hand Delivery: ☐

**Ministry of Environment
and Climate Change
Strategy**

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DISCLAIMER:

Please note that sections of the permit, regulation or code of practice referenced in this inspection record are for guidance and are not the official version. Please refer to the original permit, regulation or code of practice.

To see the most up to date version of the regulations and codes of practices please visit
<http://www.bclaws.ca>

If you require a copy of the original permit, please contact the inspector noted on this inspection record.

It is also important to note that this inspection record does not necessarily reflect each requirement or condition of the authorization therefore compliance is noted only for the requirements or conditions listed in the inspection record.