



Report Date: June 10, 2019

File: 104962

Report Number: 123745

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 April 23, 2019, 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:

Requirement Description:	Environmental Management Act, Organic Matter Recycling Regulation (18/2002) (EMA) 2 (2): A person who produces or uses biosolids or compost is exempt from section 6 (2) and (3) of the Act if the person produces and uses the biosolids or compost only in accordance with this regulation.
Details/Findings:	<p>On April 23, 2019, the Ministry of Environment and Climate Change Strategy (Ministry) Environmental Protection Officer Kaylee Garnett (Officer) conducted an office inspection of the Spa Hills Compost facility under authorization 104962 (Facility) for Spa Hills Compost (Permittee) in Salmon Arm, BC. Present at the inspection was owner Josh Mitchell.</p> <p>The inspection period was from April 23, 2016 to April 23, 2019.</p> <p>Reports reviewed in during the inspection were;</p> <ul style="list-style-type: none">- March and May 2018 Temperature and Retention data- Yearly quality control sample data- Spa Hills Composting Facility Operating Plan dated March 24, 2016 developed by John Paul, Professional Agrologist (2016 OP) <p>The facility is registered with authorization 104962 under the Organic Matter Recycling Regulation to produce and use compost in accordance with this regulation.</p>
Compliance:	In

Requirement Description:	Environmental Management Act, Organic Matter Recycling Regulation (18/2002) (EMA) 2 (4)(a): The land application of retail-grade organic matter or managed organic matter, and the construction and operation of composting facilities, on an agricultural land reserve or on forest reserve land must (a) be in compliance with all applicable legislation of British Columbia including, without limitation, the Agricultural Land Commission Act and the Forest Land Reserve Act, and all applicable regulations under those enactments, and
Details/Findings:	As part of this inspection, officer Garnett did not assess if the land application of retail-grade organic matter from the facility, on an Agricultural Land Reserve (ALR) was in compliance with all applicable legislation of British Columbia including, the Agricultural Land Commission Act, and all applicable regulations under those enactments.
Compliance:	Not Determined
Requirement Description:	Environmental Management Act, Organic Matter Recycling Regulation (18/2002) (EMA) 2 (4)(b): The land application of retail-grade organic matter or managed organic matter, and the construction and operation of composting facilities, on an agricultural land reserve or on forest reserve land must (b) be done in accordance with good agricultural practice.
Details/Findings:	For Grade A compost or retail grade organic matter, OMRR currently does not require a composting operation to retain a QEP to prepare a land application plan for Class A Compost. Therefore Officer Garnett did not assess the land application or if it was done through good agricultural practice.
Compliance:	Not Determined
Requirement Description:	Environmental Management Act, Organic Matter Recycling Regulation (18/2002) (EMA) 2 (5): Any discharge of waste into the environment, not otherwise authorized by this regulation, must be in compliance with the Act.
Details/Findings:	The Officer did not observe unauthorized waste being discharged. The Officer was informed by the Permittee that any waste not used in the composting process was sorted out and put in waste bins that are taken offsite by a third party disposal service.

Compliance:	In
Requirement Description:	Environmental Management Act, Organic Matter Recycling Regulation (18/2002) (EMA) 3.1 (1): Section 2(2) applies to a discharger in relation to a composting facility that processes food waste or biosolids and has a design production capacity of 5 000 tonnes or more of compost per year only if the discharger holds a permit for the composting facility, unless the discharger holds an approval or operational certificate for that composting facility.
Details/Findings:	This section is not applicable to this facility because they do produce biosolids but the design capacity of the facility is under 5000 tonnes.
Compliance:	Not Applicable
Requirement Description:	Environmental Management Act, Organic Matter Recycling Regulation (18/2002) (EMA) 5 (1)(a)(i): A discharger must have a qualified professional (a) prepare a land application plan for (i) each site where managed organic matter is land applied, and
Details/Findings:	A discharger must have a qualified professional and land application plan if it produces Class A and B Biosolids, and Class B Compost. This facility produces Class A Compost and therefore a land application plan found under Section 5 (1) through 5 (4) is not applicable.
Compliance:	Not Applicable
Requirement Description:	Environmental Management Act, Organic Matter Recycling Regulation (18/2002) (EMA) 12 (3)(a): Compost that is not solely produced from yard waste or from untreated and unprocessed wood residuals and that meets the requirements of all of the following is Class A compost: (a) the requirements of subsection (2) (a) to (c);
Details/Findings:	The feedstock for the Class A Compost produced at the facility included biosolids. The Officer reviewed records on site and determined that the Class A Compost produced by the Facility met the requirements identified in Section 2 (a)(b)(c) for the inspection period.

Compliance:	In
Actions to be taken:	Be sure to do Schedule 3 samples once per year or per 1000 tonnes, which ever comes first.
Requirement Description:	Environmental Management Act, Organic Matter Recycling Regulation (18/2002) (EMA) 12 (3)(b): Compost that is not solely produced from yard waste or from untreated and unprocessed wood residuals and that meets the requirements of all of the following is Class A compost: (b) Schedule 3, Pathogen Reduction Limits;
Details/Findings:	The Officer reviewed temperature and retention records on site and determined that the Class A Compost produced by the Facility met the testing and fecal requirements identified in Schedule 3, Pathogen Reduction limits.
Compliance:	In
Requirement Description:	Environmental Management Act, Organic Matter Recycling Regulation (18/2002) (EMA) 12 (3)(c): Compost that is not solely produced from yard waste or from untreated and unprocessed wood residuals and that meets the requirements of all of the following is Class A compost: (c) Schedule 5, Sampling and Analyses - Protocols and Frequency;
Details/Findings:	The Officer reviewed temperature and retention records on site and determined that the Facility met the requirements found in schedule 5, Sampling and Analysis - Protocol and Frequency.
Compliance:	In
Requirement Description:	Environmental Management Act, Organic Matter Recycling Regulation (18/2002) (EMA) 12 (3)(d): Compost that is not solely produced from yard waste or from untreated and unprocessed wood residuals and that meets the requirements of all of the following is Class A compost: (d) Schedule 6, Record-keeping.

Details/Findings:	Officer Garnett determined the Permittee is keeping the proper records and is in compliance with this section.
Compliance:	In
Actions to be taken:	Make sure to have records easily accessible on site and/or submit them on request as outlined in Schedule 6 Section 4.
Requirement Description:	Environmental Management Act, Organic Matter Recycling Regulation (18/2002) (EMA) 12 (4): Class A compost must be derived only from organic matter.
Details/Findings:	The Permittee informed the Officer that all the Class A compost is derived only from organic matter from food, plant and animal waste, biosolids, yard and wood waste.
Compliance:	In
Requirement Description:	Environmental Management Act, Organic Matter Recycling Regulation (18/2002) (EMA) 12 (5): Biosolids used as feedstock for the production of Class A compost must not exceed the standards for Class B biosolids set out in Column 3 of Schedule 4.
Details/Findings:	Records for feedstock were not reviewed during this inspection and compliance for this clause was not determined.
Compliance:	Not Determined
Requirement Description:	Environmental Management Act, Organic Matter Recycling Regulation (18/2002) (EMA) 13: Class A compost may be distributed with no volume restriction.

Details/Findings:	Class A compost may be distributed with no volume restriction.
Compliance:	In
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:	The Officer observe that all composting areas where covered and sloped to prevent water from collecting around the organic matter and compost.
Compliance:	In
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:	The Officer observe that all composting areas where covered and sloped to prevent water from collecting around the organic matter and compost.
Compliance:	In
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:	The Permittee informed the Officer that all composting and storage areas had a sloped surface with drainage into a 4500L water collection system that recycles the water back into the composting process. The Officer was shown the entire system.
Compliance:	In
Requirement Description:	Environmental Management Act, Organic Matter Recycling Regulation (18/2002) (EMA) 26 (4): Despite subsections (2) and (3), an impermeable surface, roof, cover, prepared surface or leachate collection system is not necessary if a qualified professional can demonstrate through an environmental impact assessment that the environment will be protected and appropriate water quality criteria satisfied through the use of alternative leachate management processes.
Details/Findings:	The facility has an impermeable surface, cover and a prepared leachate collection system therefore, this section is not applicable.
Compliance:	Not Applicable
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:	The Permitted informed Officer Garnett that they have only produced up to half of the facilities design capacity and have not exceeded it.
Compliance:	In
Requirement Description:	Environmental Management Act, Organic Matter Recycling Regulation (18/2002) (EMA) 28: At least half of the compost stored at a composting facility must be removed annually from the facility beginning in the third year after facility start-up.

Details/Findings:	The Permittee informed the Officer that at least 50% of the Class A compost is annually used on the agricultural operation the facility is located on.
Compliance:	In
Requirement Description:	Environmental Management Act, Organic Matter Recycling Regulation (18/2002) (EMA) 29 (1)(a): Residuals from the composting process must (a) be stored so as to prevent vector attraction, and
Details/Findings:	The Officer was informed by the Permittee that any residual waste was sorted out and put in waste bins that are taken offsite by a third party disposal service.
Compliance:	In
Requirement Description:	Environmental Management Act, Organic Matter Recycling Regulation (18/2002) (EMA) 29 (1)(b): Residuals from the composting process must (b) be disposed of on a regular basis in accordance with the Act.
Details/Findings:	The Officer was informed by the Permittee that any residual waste was sorted out and put in waste bins that are regularly taken offsite by a third party disposal service.
Compliance:	In
Requirement Description:	Environmental Management Act, Organic Matter Recycling Regulation (18/2002) (EMA) 29 (2): Residuals that are stored at a composting facility must not at any time exceed 15 cubic metres in total.
Details/Findings:	Officer Garnett observed that the residual waste bins were less than 15 cubic meters and were not overflowing, therefore the facility was found in compliance with this section.

Compliance:	In
-------------	----

Compliance History:
No inspection has been done of this compost facility. The scope of the inspection was to assess compliance for Authorization Number 104962 under the Environmental Management Act and Organic Matters Recycling Regulation. More information about Environmental Compliance, the Non-Compliance Decision Matrix, and reporting and data submission requirements can be found at the links below:
General compliance information: www.gov.bc.ca/environmentalcompliance
Non-Compliance Decision Matrix information: <https://www2.gov.bc.ca/gov/content/environment/natural-resource-stewardship/natural-resource-lawenforcement/environmental-compliance/how-compliance-is-assessed>
Reporting and data submission requirements (to be sent to EnvAuthorizationsReporting@gov.bc.ca):
<https://www2.gov.bc.ca/gov/content/environment/waste-management/waste-discharge-authorization/data-and-reports/submissions/routine-environmental-reporting-submission-mailbox>

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,

Kaylee Garnett
Environmental Protection Officer

cc:

Attachments:

Deliver via:			
Email:	<input type="checkbox"/>	Fax:	<input type="checkbox"/>
Registered Mail:	<input type="checkbox"/>	Mail:	<input type="checkbox"/>
		Hand Delivery:	<input type="checkbox"/>

Ministry of Environment and Climate Change Strategy	Compliance Environmental Protection Division	Mailing Address: 1259 Dalhousie Dr Kamloops BC V2C 5Z5	Telephone: 250 371 6200 Facsimile: 250 371 6234 Website: www.gov.bc.ca/env
--	--	--	---

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.