

Permit Information

Report Year: 2019

NPDES ID: IDR051314

Facility Information

Facility Name: YOUNG LIVING LAVENDER FARMS, ST. MARIES, IDAHO, FACILITY

Facility Point of Contact

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Facility Mailing Address

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City: ST. MARIES

ZIP/Postal Code: 83861

State: ID

County or Similar Division: BENEWAH

General Findings

Provide a summary of your past year's routine facility inspection documentation (see Part 3.1.2 of the permit). In addition, if you are an operator of an airport facility (Sector S) that is subject to the airport effluent limitations guidelines, and are complying with the MSGP Part 8.S.8.1 effluent limitation through the use of non-urea-containing deicers, provide a statement certifying that you do not use pavement deicers containing urea (e.g., "Urea was not used at [name of airport] for pavement deicing in the past year and will also not be used in 2015." (Note: Operators of airport facilities that are complying with Part 8.S.8.1 by meeting the numeric effluent limitation for ammonia do not need to include this statement.)

There were five routine facility inspections done at the St. Maries Facility in 2019.

The first quarter inspection was conducted by Farm Manager Kevin Sagers on 02/22/2019 at 10:00 AM in cloudy weather conditions, with an air temperature of 12 degrees F. No discharges were observed at the time of inspection due to subfreezing temperatures. No repairs outside of regular preventative maintenance activities on industrial equipment were required for existing control measures.

The second quarter inspection was conducted by Farm Manager Kevin Sagers on 04/22/2019 at 10:00 AM in cloudy weather conditions, with an air temperature of 36 degrees F. Maintenance actions included installing a new culvert to divert water into outfall 003. During this inspection it was identified that regrading a portion of the road in the upper part of the facility could improve stormwater runoff quality. The action is described in detail in box 4.

The third quarter inspection was conducted by Farm Manager Kevin Sagers on 09/30/2019 at 10:30 AM in cloudy weather conditions after a 72-hour rain event that triggered the first discharge of the third quarter. Maintenance conducted during and immediately following the inspection included: cleaning out weeds from the berm surrounding the processed plant material/compost area and from the culverts diverting runoff from unnamed drainage south of the distillery. Discharges were observed at outfall 001 and outfall 003 when samples were taken.

The fourth quarter inspection was conducted by Farm Manager Kevin Sagers on 10/22/2019 at 1:00 pm in rainy conditions. No issues were identified during the inspection. Discharge was present during part of the inspection and analytical samples were collected at outfall 001 and outfall 003.

Another inspection was conducted by Farm Manager Kevin Sagers on 12/19/2019 at 7:00 AM in cloudy, rainy, and snowy weather conditions with an air temperature of 27 degrees F. No repairs outside of regular maintenance activities were required for existing control measures. Discharges were observed at outfall 001 and outfall 003 when samples were taken.

Provide a summary of your past year's quarterly visual assessment documentation (see Part 3.2.2 of the permit).

No discharges were observed during the first quarter inspections due to subfreezing temperatures.

Two samples of rainfall runoff were collected by Farm Manager Kevin Sagers on 04/22/2019 at outfall 001 and outfall 002. The sample collected at outfall 001 was slightly cloudy with minimal amounts of floating solids (plants/wood), settled solids (clay), and suspended solids (fine clay). The sample had no odor, foam, or oil sheen. The sample collected at outfall 002 was clear and slightly brown in color, with no visible oil sheen or other material, and a musty odor. Neither sample showed any other obvious indicators of stormwater pollution.

Two samples were collected by Farm Manager Kevin Sagers on 09/30/2019 at outfall 001 and outfall 003. Rainfall was recorded at 2.5 inches. The sample collected at outfall #1 was light brown in color with small amounts of settled solids (silt). The sample was slightly cloudy with no odor. No oil sheen or foam was visible in the sample. The sample collected at outfall #3 was light brown in color with no visible oil sheen or other material, and no odor. Neither sample showed any other obvious indicators of stormwater pollution.

One sample was collected by Farm Manager Kevin Sagers on 10/22/2019 at outfall 001 to serve as a make-up assessment for quarter 1 of 2019 when frozen conditions resulted in no discharges from the facility. No discharge was present at outfall 003 by the time the quarterly visual assessment sample was attempted at Outfall 003. The sample collected at outfall 001 was light brown and slightly cloudy with no visible sheen and no odor. The sample did not show any other obvious indicators of stormwater pollution.

Two samples were collected by Farm Manager Kevin Sagers on 12/19/2019 at outfall 001 and outfall 003. Rainfall total for the event was 0.5 inches. The sample collected at outfall #1 consisted of rainfall and snowmelt runoff and was slightly cloudy and light brown in color. No oil sheen, foam or other material was visible in the sample. The sample collected at outfall #3 consisted of rainfall and snowmelt runoff. It was slightly cloudy with a light brown color. The sample included a small amount of settled sand and fines. The sample had no visible sheen or odor. Neither sample showed any other obvious indicators of stormwater pollution.

For any four-sample (minimum) average benchmark monitoring exceedance, if after reviewing the selection, design, installation, and implementation of your control measures and considering whether any modifications are necessary to meet the effluent limits in the permit, you determine that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice, provide your rationale for why you believe no further reductions are achievable (see Part 6.2.1.2 of the permit). Enter "NA" if not applicable.

NA

Provide a summary of your past year's corrective action documentation (See Part 4.4 of the permit). (Note: If corrective action is not yet completed at the time of submission of this annual report, you must describe the status of any outstanding corrective action(s).) Also describe any incidents of noncompliance in the past year or currently ongoing, or if none, provide a statement that you are in compliance with the permit.

On January 23, 2020 the facility received a notice of violation from the EPA, which referenced findings from an EPA site inspection conducted on June 13, 2019. The facility has corrected the issues identified in the Notice of Violation through the actions described below. The facility continues to work with EPA NetDMR support staff to correct reporting issues resulting from automatic field population in the NetDMR program. The facility is currently developing a response to the Notice of Violation.

A new culvert was installed during quarter 2 to better manage run-on and keep flow from agricultural areas from comingling with stormwater runoff from industrial areas.

During quarter 3 a portion of the roadway within the site was regraded to redirect stormwater runoff to areas where it can infiltrate better.

Outfall 002 was interpreted by an EPA inspector as being unrepresentative of stormwater runoff from industrial activity at the facility. Outfall 003 was identified to replace Outfall 002 and the facility's NOI was updated to reflect the change.

The facility purchased a pH meter to enable sample analysis within the method holding time (15 minutes).

Stockpiles of exposed soil and gravel were identified as potential sources of sediment pollution by an EPA inspector. The stockpiles have been removed and facility staff have been trained on additional techniques for stabilizing areas of exposed soil.

A dumpster (metal recycling bin) was noted as being uncovered by an EPA inspector. The bin has since been emptied out and is not in use as of the end of 2019.

Certification Information

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I have no personal knowledge that the information submitted is other than true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Certified By: Kevin Sagers

Certifier Title:

Certifier Email: ksagers@youngliving.com

Certified On: 02/20/2020 11:48 AM ET