

Permit Information

Report Year: 2018NPDES ID: IDR053139

Facility Information

Facility Name: HECLA LIMITED - LUCKY FRIDAY UNIT

Facility Point of Contact

First Name Middle Initial Last Name: Lance Boylan

Organization:

Title:

Phone: 208-744-1833 Ext.Email: Lboylan@hecla-mining.com

Facility Mailing Address

Address Line 1: 397 FRIDAY AVENUEAddress Line 2: INTERSTATE 90, EAST 69City: MULLANZIP/Postal Code: 83846State: IDCounty or Similar Division: SHOSHONE

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.)

Our facility was granted coverage under the 2015 permit on December 10th, 2015. The site's benchmark monitoring obligation under the new permit began the first quarter of 2016.

Five discharges were observed during 2018 and sampling was conducted and reported as indicated in Section 2 below. A total of nine Quarterly Visual Assessments, twelve Routine Facility Inspections and an Annual Site Compliance Inspection were completed during 2018 and no further discharges were observed from any potential outfall subject to benchmark monitoring throughout 2018. A total of 22 facility inspections were completed from January 2018 through December of 2018 at the Lucky Friday Unit.

The site's BMPs have been designed to promote infiltration while simultaneously preventing discharge to any receiving body to the extent possible. All stormwater control measures were functioning correctly and the BMPs operated as designed. All of the BMPs remained functional throughout the reporting period but did require maintenance after the spring melt. Maintenance items consisted of refreshing straw wattles, silt fencing, improvements to rock check dams and drainage ditch, and improved grading and compacting of roadways. New improvements made to the site to further reduce the risk of any potential pollutants reaching potential outfall locations included the application of dust suppressant to the site's heavily traveled roadways as well as the installation of MetalZorb catch-basin filter to potential outfall 001. The MetalZorb catch-basin filter targets and removes metals that may be present at potential Outfall 001. Finally, the quarterly visual assessment inspection sheet was updated to improve clarity while still containing subject matter required by MSGP Section 3 part 2.

The site will continue to inspect and look for discharges to sample, and the results of those samples will be reported per permit requirements.

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

Inspections were performed throughout each quarter throughout January-December 2018, the period for which this report is being written . BMPs on site are designed to divert flow away from potential outfalls and promote infiltration to the extent feasible. Nine total inspections were performed of all outfall locations during rain/snow events over the course of 2018. Five discharges were observed during the monitoring period resulting in five samples collected during each discharge event.

The first sample was collected at potential Outfall 001 on March 29th, 2018 at 14:30. The discharge was due to a snowmelt event which exhibited very low flow and moderate turbidity. Both settled and suspended solids were observed in the sample but were determined to be ecological debris (leaves, dirt, etc.). No odor, floating solids, foam, oil sheen, or other indications of pollution were observed in the sample. The quarterly benchmark sample was collected and reported in the first quarter DMR. No values exceeded the permit limitations.

The second sample was collected at potential Outfall 001 on May 7th, 2018 at 09:14. The discharge was due to a rain event which exhibited high flow and slight turbidity. No odor, settled solids, suspended solids, floating solids, foam, oil sheen, or other indications of pollution were observed in the sample. The quarterly benchmark sample was collected and reported in the second quarter DMR. No values exceeded the permit limitations.

The third and fourth samples were both collected on November 2nd, 2018 during a rain event from potential outfall 001 and 008. The sample collected from 001 at 09:30 exhibited high flow and slight turbidity. Settled solids were observed in the sample that was determined to be small particles of dirt. A musty odor was also detected in the sample. No settled solids, floating solids, foam, oil sheen, or other indications of pollution were observed in the sample. The quarterly benchmark sample was collected and reported on the fourth quarter DMR. No values exceeded the permit limitations.

No values exceeded the permit limitations. The sample collected from 008 at 09:44 exhibited low flow and no turbidity . No odor, settled solids, suspended solids, floating solids, foam, oil sheen, or other indications of pollution were observed in the sample. The quarterly benchmark sample was collected and reported in the annual DMR. No values exceeded the permit limitations.

The fifth sample was collected at potential Outfall 001 on December 18th, 2018 at 14:03. The discharge was due to a rain event which exhibited high flow and no turbidity. Low amounts of suspended and settled solids were observed in the sample. No odor, floating solids, foam, oil sheen, or other indications of pollution were observed in the sample. The quarterly benchmark sample was collected and reported in the fourth quarter DMR. No values exceeded the permit limitations.

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.

All actions performed throughout the year were preventative maintenance items performed to prevent a condition requiring corrective action.

Certification Information

Certified On Behalf Of:

Responsible Official: Clayr Alexander (CALEXANDER@HECLA-MINING.COM)

DAR Designated: 01/28/2019 4:01 PM

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 am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. Signing an electronic document on behalf of another person is subject to criminal, civil, administrative, or other lawful action.

Certified By: Lance Boylan (LBOYLAN@HECLA-MINING.COM)

Certified On: 01/28/2019 4:07 PM