

Permit Information

Report Year: 2019

NPDES ID: IDR051A00

Facility Information

Facility Name: Fighting Creek Quarry

Facility Point of Contact

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Facility Mailing Address

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City: Coeur d'Alene

ZIP/Postal Code: 83814

State: ID

County or Similar Division: KOOTENAI

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.)

Coverage status for the Fighting Creek Facility (NPDES ID IDR051000) became active on October 19th, 2018. Routine facility inspection per the SWPPP plan is to be performed quarterly, along with quarterly benchmark sampling of Fighting Creek during a storm event that produces at least .5 inches of rainfall. First Quarter inspection was done on March 28th, 2019. Second Quarter inspection was performed on June 26th, 2019. Third Quarter inspection was done on September 30th, 2019 and the Fourth Quarter inspection was performed on December 20th, 2019. The stormwater BMP's in place were observed during the site inspections to be in place and working properly, and not in need of any repair or alterations in order for them to contain any stormwater that occurred from leaving the site or causing a discharge to Fighting Creek. There were no maintenance or corrective actions observed or needed for the stormwater control measures on site. No additional stormwater BMP's were observed to be needed or needing to be added to maintain stormwater compliance for the site. Prior to the fourth quarter inspection, near the lower area of the quarry the berm along Fighting Creek was completed, track walked, hydroseeded and tacked completely sealing the lower pit area; containing all water, stormwater and ground water in the pit area. This process completed the reclamation of this area of the pit as well.

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

The Quarterly Benchmark Sampling of Fighting Creek took place as part of the quarterly routine facility inspections, on March 28th, June 26th, September 30th and December 20th, 2019. In summary, all the visual assessments of the water samples taken upstream and downstream of the facility contained no visible evidence of pollutants. They all were documented to be colorless, odorless, free from solvents, clear to mostly clear, free from visible floating, settled or suspended solids, free of any foam or evidence of oil sheen and had no obvious indicators of any 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.

Quarterly Benchmark monitoring and ELG monitoring for the Fighting Creek Facility require that the sampling / monitoring of Total Suspended Solids (TSS) and pH be performed on Fighting Creek. Samples of the creek are to be taken upstream and downstream of the Facility operations with the results of each sample location compared to insure that the operations of the Fighting Creek Quarry are impacting the water quality of Fighting Creek. Per the SWPPP for the site, TSS are not to increase by more than 100 mg/L between the upstream and the downstream samples. pH is to be in the range from 6.0 - 9.0 and not show an increase of more than 3.0 from the upstream sample to the downstream sample. Nitrate / Nitrites are also tested for in-house monitoring of Fighting Creek for information only as this testing is not a requirement under the MSGP and SWPPP for the Fighting Creek facility.

Test results of the water samples taken of Fighting Creek on March 28th for the upstream sample were 16.0 Total Suspended Solids (TSS) and 7.1 pH. The downstream sample was 5.0 TSS and 7.2 pH. June 26th upstream sample was 5.0 TSS and 7.5 pH, with downstream sample being 8.0 TSS and 7.5 pH. September 30th upstream sample was 8.0 TSS and 7.4 pH with the downstream sample results of 5.0 TSS and 7.3 pH. December 20th upstream sample was 21.0 TSS and 7.2 pH with the downstream sample results of 19.0 TSS and 7.2 pH.

All samples had results that were well below the allowable limits for TSS, with three of the four samples actually decreasing in TSS amount from the upstream vs. the downstream samples. All samples taken were within the allowable range of 6.0 - 9.0 pH and the upstream vs. downstream sample specimens test results were the same or within .10 of each other. Reductions of effluent levels from upstream samples vs. downstream samples occurred with 3 of the 4 samples taken with TSS and with 1 of 4 samples for pH. 2 of the 4 samples for pH were the same in both upstream and downstream samples and on one increased by .10 in the downstream vs. the upstream sample. Further pollutant reductions do not appear to be achievable based on the test results of the benchmark sampling that was performed for the 2019 season.

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.

There was no corrective action documentation performed under the SWPPP for the Fighting Creek facility as no corrective action was observed or required during 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: Mike R. Peak

Certifier Title: Vice President

Certifier Email: mike@peaksanddgravel.com

Certified On: 01/28/2020 10:54 AM ET