

Permit Information

Report Year: 2017

NPDES ID: IDR050007

Facility Information

Facility Name: CALDWELL INDUSTRIAL AIRPORT

Facility Point of Contact

First Name Middle Initial Last Name: Ashley Newbry

Organization:

Title:

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Facility Mailing Address

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City: CALDWELL

ZIP/Postal Code: 83606

State: ID

County or Similar Division: CANYON

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.)

Based on multiple facility inspections during the dry season (summer), the Annual Inspection Report was compiled and submitted to the Airport Superintendent, Street Department, and City Engineer in June 2017. This report summarizes the current state of the Airport stormwater infrastructure and makes recommendations for cleaning and maintenance. The Annual Inspection Report contains many photos, in order to record the present state of the infrastructure. It is available upon request.

At the information given by Caldwell's current Airport Superintendent, I certify that Caldwell Municipal Airport is in compliance with the effluent limitation guideline for airfield pavement deicing by not using airfield pavement deicers that contain urea. In fact, Caldwell Municipal Airport does not use deicers. Snow and/or ice is manually removed using heavy equipment such as a dozer or street sweeper.

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

At each eligible storm event where stormwater is sampled, the samples are visually inspected and recorded (Date, Time, Sample location, Sampler Names, presence of flow, etc.). In addition, the sampling location (outfall) is photographed with a time and date stamp. If sufficient flow is available, a sample will be collected in a sterile bottle for analysis. The samples are cooled and transported to Analytical Laboratories in Boise, Idaho which is approximately 30 minutes from Caldwell. The samples are analyzed for temperature, total suspended solids, total phosphorus, and e-coli. About 30 days later, the City of Caldwell will receive a laboratory report showing the concentration of each of the abovementioned contaminants. This lab report is saved with the photo documentation for future submittal.

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.

Corrective actions at Caldwell Municipal Airport have been minimal because pollutant sources are relatively low. This airport is a local hub for small flights only (ie helicopters and 1-2 person occupancy airplanes). At some of the stormwater sampling locations, stormwater can be comingled with groundwater and/or irrigation water. Because agricultural practices are not subject to water quality regulations, the irrigation water is already visibly dirty (high turbidity and likely high nutrients). Locations where the stormwater is able to daylight and comingle with groundwater are an attraction for local birds, which naturally increase e-coli and nutrient levels. At times, locations where the water becomes co-mingled produce excessive or low concentration of contaminants.

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 am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Certified By: Robb MacDonald (RMACDONALD)

Certified On: 01/16/2019 5:18 PM