NPDES FORM 6100-28	EPA	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 ANNUAL REPORT FOR STORMWATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY UNDER THE NPDES MULTI-SECTOR GENERAL PERMIT	FORM Approved OMB No. 2040-0004

Permit Information

Report Year: 2018

NPDES ID: IDR053203

Facility Information

Facility Name: BOISE VALLEY RAILROAD

Facility Point of Contact

First Name Middle Initial Last Name: Gary Wagenseller

Organization:

Title:

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Facility Mailing Address

Address Line 1: 100 PFE DRIVE

Address Line 2:

City: NAMPA

ZIP/Postal Code: 83651

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.)

Routine facility inspections were conducted on a quarterly basis. No evidence of pollutants entering the drainage system were noted. Outf alls were generally in good condition and did not show any evidence of pollutants.

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

Discharge was observed and sampled on three occasions during the calendar year. Visual Assessments were completed. The only observ ation noted during the visual assessments was cloudy water. No odor, floating solids, settled solids, suspended solids, foam or oil sheen were observed during the visual assessments.

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.

Elevated e.coli and phosphorus were detected in stormwater samples collected during the 2018 monitoring period. Following the 1/19/18 sample results, the Boise Valley Railroad (BVRR) contracted GEM State Locating to conduct a private utility locate of their sanitary sewer lin e to ensure that the sewage from the office was in fact connected to the sanitary sewer main. The result of the utility locate suggested th at the sanitary sewage is connected to the sewer main. A City of Nampa sewer main bisects the BVRR property and consists of 5' jointed sections of transit pipe. The storm water drainage system in the BVRR yard consists of inlets laid out in a grid pattern. The inlets are conn ected to each other by a network of piping which runs northwest and southeast in line with the railroad tracks and southwest to northeast perpendicular to the railroad tracks. Since this drain network appears to be interconnected it is likely that the stormwater drain pipe passe s underneath or overtop of the sewer main, providing a preferential pathway for leaks coming from the jointed sewer main. The E.coli an d Phosphorus impacts identified in storm water samples is indicative of sewage and is believed to be related to the City of Nampa sewer m ain. Furthermore, there is no reason to believe that these parameters are the result of outdoor industrial activities at the BVRR yard. Total Suspended Solids was detected at a concentration exceeding the applicable benchmark values in the October 9, 2018 sample. A foll ow up investigation was conducted to determine the source of the TSS. Recent track work occurred in the vicinity of one of the inlets whic h is believed to be the source of the elevated TSS. Disturbed soil was regraded and compacted in the vicinity of the inlets. The remainder of the track work was surveyed for soil disturbance in the vicinity of inlets was remedied in a similar fashion. Subsequent sampling has no t been possible at the time of this report due to lack of a discharge. Further pollutant reductions related to TSS will be assessed following receipt of laboratory results from the next discharge event.

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.

The sanitary sewer connection was investigated following the initial detection of e. coli and phosphorus. Re-grading and compaction of soi l related to the TSS condition was completed in following the October 9th sampling event.

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: Sean Strong (SEAN.STRONG@WATCOCOMPANIES.COM)

Certified On: 01/30/2019 7:11 PM