

NPDES
FORM
6100-28
 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.
2040-0300

Permit Information

Report Year: 2021Reporting Period: 1/1/2021 to 12/31/2021NPDES ID: NMR050012

Facility Information

Facility Name: TA54 AREAS G AND L

Facility Point of Contact

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City: LOS ALAMOSZIP/Postal Code: 87544State: NMCounty or Similar Division: Los Alamos

General Findings

Provide a summary of your past year's routine facility inspection documentation, including dates (see Part 3.1.6 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.9 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 2021." (Note: Operators of airport facilities that are complying with Part 8.S.9 by meeting the numeric effluent limitation for ammonia do not need to include this statement.)

Under National Pollutant Discharge Elimination System (NPDES) ID NMR050012, Newport News Nuclear BWXT-Los Alamos, LLC (N3B) operates two active industrial sites (Sector K) at Los Alamos National Laboratory: Areas G and L at Technical Area 54 (TA 54). The U.S. Environmental Protection Agency Region 6 granted authorization to discharge for this facility under the 2021 Multi-Sector General Permit (MSGP) on June 19, 2021. In accordance with Part 3.1.6 of the 2021 MSGP, routine facility inspections were conducted quarterly on September 29, 2021 (Quarter 3) and December 20, 2021 (Quarter 4).

Before receipt of authorization under the current MSGP, routine facility inspections were conducted in accordance with Part 3.1.2 of the 2015 MSGP. N3B conducted routine facility inspections in compliance with the 2015 MSGP on March 25, 2021 (Quarter 1) and May 26, 2021 (Quarter 2).

Documentation for each inspection included the following: weather information, information regarding inspector(s), and observations relevant to storm water controls in place to ensure compliance with discharge requirements, such as needed maintenance or indications of noncompliance with the 2021 MSGP. Documentation of each inspection was certified in accordance with the applicable general permit (i.e., Appendix B, Subsection 11 of the 2021 MSGP) and incorporated into N3B's electronic database, Maintenance Connection. Paper copies of each inspection record are additionally maintained in the site specific Storm Water Pollution Prevention Plan for this facility.

Provide a summary of your past year's quarterly visual assessment documentation, including dates (see Part 3.2.3 of the permit).

During 2021, N3B documented 33 visual assessments of storm water collected from the outfalls authorized under NPDES ID NMR050012 at TA-54, Areas G and L. Visual assessments were conducted of storm water discharge on August 17, 2021; August 24, 2021; September 21, 2021; and October 26, 2021. No evidence of oil sheen or other obvious indications of pollutants were noted, and no need for corrective action was identified as a result of the visual assessments conducted.

Provide a summary of your past year's corrective action and/or additional implementation measures (AIM) documentation (See Part 5.3 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).) Note that you must modify your SWPPP based on the corrective actions and deadlines required under Part 5. 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.

Following receipt of authorization to discharge under the 2021 MSGP, permit implementation at TA 54 Areas G and L resulted in nine corrective actions. Two corrective actions were initiated because of storm water sample results that exceeded regulatory standards for impairment parameters of receiving waters. The remaining seven corrective actions were due to needed maintenance associated with one or more storm water control features.

Corrective actions resulting from analytical results of one or more impairment parameters were addressed through completion of a walkdown of the involved drainage area to identify potential contributions to the exceedance(s). In addition, where available, background values were considered for relevance to each exceedance.

Corrective actions due to identified maintenance needs were addressed through the initiation of a work order request and completion of the needed task(s). Required maintenance included removing accumulated sediment or other organic matter, replacing straw wattles, and building up settled riprap.

All corrective actions initiated during 2021 were documented upon discovery and tracked to completion in N3B's electronic database, Maintenance Connection. No discharge of pollutants is known to have occurred as a result of any condition identified. No permit violation occurred in conjunction with the corrective actions taken and in each case, reasonable steps were immediately implemented to ensure no impacts to receiving water occurred. As a result of implementing the 2021 MSGP at TA-54, Areas G and L, N3B is unaware of any noncompliance.

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: Joseph C. Murdock

Certifier Title: PM ES&H

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Certified On: 01/24/2022 3:06 PM ET