



BRIDGEWATER
STATE UNIVERSITY

April 13, 2012

United States Environmental Protection Agency
Region 1
1 Congress Street, Suite 1100
Boston, Massachusetts 02114-2023
Attn: Glenda Velez - CIP
Regional Storm Water Coordinator

RE: NPDES Permit Number MAR04027; /MADEP #W040327
Bridgewater State University

Dear Ms. Velez:

Enclosed please find the Notice of Intent (NOI) for the NPDES general permit for storm water discharges from small MS4s for Bridgewater State University. This is per the permit process, which requires an annual report with a due date of May 1. 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 gather and evaluate 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.

If you have any questions or concerns, do not hesitate to contact Patricia A. Delaney, Environmental Health and Safety Officer, at Bridgewater State University, (508) 531-2750.

Sincerely,

Karen W. Jason
Associate Vice President, Facilities Management and Planning

cc: Fred Civian, MADEP, Boston, MA
Patricia Delaney, Environmental Health & Safety Officer, BSU
Miguel Gomes, Vice President Administration and Finance, BSU

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In compliance with Part II, F, Reporting, of the National Pollutant Discharge Elimination System (NPDES) permit for Storm Water Discharges, Bridgewater State University is required to report annually on its compliance with the permit.

Assessment/Summary of BMP's

BMP 1-1 Public Education – Education Materials

Giving faculty and staff information about Storm water Management is a certain way to reduce the amount of pollutants into the storm water system.

An email sent in BSU's daily Community Announcement to all faculty and staff members entitled "The Solution to Storm Water Pollution!" The educational material that was used is a brochure published by the EPA. A distribution is completed every fall for new and returning faculty and staff members to discuss storm water management.

BMP 2-2 Public Participation – Storm drain Stenciling

Clearly marking the locations of storm drains will raise awareness on storm water issues.

All storm drains on campus have been stenciled with "no dumping drains to river." The drains will be reviewed to see if the stencils have come off and will be repainted where required. A review all of markings will take place this summer areas that have worn away will be re-stenciled.

BMP 4-3 Construction Site Runoff Control

Developing a construction site erosion and runoff plan, complete with erosion plans will reduce the amount of sediments and pollutants that enter the storm water system.

The University is presently constructing an addition and renovation to the Marshall Conant Science Building. The addition construction activity is currently scheduled has been completed August 2011 with final completion of entire building August 2012.

BSU has started construction of a new residence hall which entails the disturbance of 6.25 acres of land. Such that in compliance with the provisions of the Clean Water Act, 33 U.S.C. 1251 et.seq., (CWA) as amended by the Water Quality Act of 1987, P.L. 100-4 operators of large and small construction activities that are described in Part 1.3 of this National Pollutant Discharge Elimination System (NPDES) general permit, except for those activities excluded from authorization of discharge. Thus a General Permit has been submitted for this construction activity.

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Approximately 6.25 acres of the site will be disturbed by this construction activity with 38.1% impervious area before construction, 0.47% runoff coefficient before construction (C Factor), 32.2% impervious area after construction and runoff coefficient after construction 0.42%. The area of construction activity will be enclosed with a chain link fence, wind screen and silt fence. All soil stockpiles will be located away from the existing catch basin structures and shall be surrounded by a row of stacked hay bales. Controlling storm water flowing onto and through the project will occur with Best Management Practices, such as silt fence installed at the start of construction, sediment trap at the start of dewater activities. Weekly and after storm events greater than ½" inspections of check dams. Stabilize soils thru temporary hydro seeding, straw mulch, soil stabilization mats. The project will protect storm drain inlets with hay bales at the catch basin for protection, inlet sediment control devices, and rip-rap inlet protection.

Good housekeeping measures will be the responsibility of all staff at the construction site with daily inspection for daily and proper use, storage and clean up of materials used on the job site. Spill Prevention and Control Plan will be in place at the site along with a spill kit.

BMP 5-4 Post Construction Runoff Control

Develop a policy on post construction runoff. It is the responsibility of the MS4 to require that any program which includes projects less than one acre if the project is part of a larger common plan of development which disturbs greater than one acre.

BMP 6-6 Municipal Good Housekeeping – Used Motor Oil Recycled

Used Motor Oil Recycled.

The motor oil is sent thru Triumvirate Environmental for recycling to accomplish this goal.

MP 6-7 Municipal Good Housekeeping – Catch Basins Cleaned on a Yearly Basis

Catch Basins Cleaned on a yearly basis.

This goal has been met and prevents and/or pollutant runoff from this MS4.

BMP 6-8 Municipal Good Housekeeping – Training Employees

Training Employees in the proper spill clean up.

Training housekeeping and maintenance staff in proper spill cleanup will reduce the effects of any spill to a storm water system; this is discussed on a yearly basis with all current and new employees.

Training is conducted with contractors on site where the construction activities area taking place. The employee training consisted tailgate meetings. SWPP items and concerns are discussed with all sub-contractors and all site personnel at weekly meetings and addressed thoroughly with site contractor at pre-construction meetings.

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BMP 6-9 Municipal Good Housekeeping - Spill Response & Prevention Spill Response & Prevention

The Spill prevention and counters measures plan the SPCC was reviewed by TRC Environmental Corporation; due to changes at the facility and has been subsequently updated. The employees will review and be trained on the updated SPCC Plan.

Activities for next reporting cycle

Bridgewater State University is in compliance with the permit conditions due to the fact that the BMP's are being completed and in a timely manner when they are required. The BMP's are appropriate for Bridgewater State University which is a MS4. The efforts towards achieving the defined measurable goals are occurring and no changes are necessary.

During the next reporting cycle Bridgewater State University will once again incorporate public education and outreach into its storm water management program. The University will send out education materials to all of the University community in regards to storm water management. The material will assist in the knowledge so to reduce the pollutants in storm water runoff. A written policy and procedure will be developed for each individual construction project on erosion and sediment control, along with a policy for post construction run off that would affect stormwater. All of the municipal good housekeeping issues will again be completed in the next reporting cycle. There will be no changes in any identified BMP or measurable goals in the next reporting cycle.