

April 20, 2011

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 "Make Your Home the Solution to Storm Water Pollution; A Homeowners Guide to Healthy Habits for Clean Water". The educational material that was used is a brochure published by the EPA. Another distribution will be completed in the 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 to be completed by mid August 2011 with final completion of entire building August 2012.

The site is surrounded by a temporary chain link fence and all trees to be protected hay bales and marked with brightly colored ribbon. BSU will be protecting natural features of the surrounding area.

Topsoil stripped from the immediate construction area will not be stockpiled on site. In certain short term instances where material must be kept on site the slop of the stockpile will be roughened by equipment tracking and will not exceed 2:1 to prevent erosion.

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To minimize erosion from storm water flowing onto the site silt fences are installed along the perimeter of exposed soils. There is no storm water expected to flow through the site as it is depressed from the surrounding areas. Existing storm drain will be protected from sediment by hay bales.

A NPDES General Permit No MAG070341; Dewater at Conant Science Building, Bridgewater State University was obtained. The permit allowed Bridgewater State University, thru the Division of Capital and Asset Management to discharge into the Town River, a Class B water body as designated by the Massachusetts Department of Environmental Protection. The facility is complying with all of the applicable requirements of the DGP such as effluent monitoring, narrative water quality standards, record keeping and reporting requirements. The DGP and authorization to discharge under it expires on September 30, 2013, unless otherwise provided for in Part 6.2 of the DGP. Dewater was completed and is no longer in effect.

Inlets are protected with the installation of silt fences or straw bales around the inlet as specified. Erosion control measures are established at the beginning of the construction and maintained during the entire period of construction. All land-disturbing activities being conducted at the site will minimize off-site sedimentation damage.

Permanent seeding will be applied immediately after the final design grades are achieved on the site after construction activities have permanently ceased. After the entire site is stabilized, any sediment that has accumulated will be removed and hauled off-site for disposal. Construction debris, trash and temporary BMPs (including silt fences, material storage areas, and sanitary toilets) will also be removed and any areas disturbed during removal will be seeded immediately.

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.

A post construction runoff control plan has been developed by BSU and the contractor. Prefabricated infiltration chambers will capture clean roof runoff, and gradually infiltrate it into the ground water through a bed of sand below and around the chambers. The infiltration system will be inspected weekly and after major storm events during construction. The area will be checked for signs of erosion seepage, and structural damage. Erosion, seepage and structural damage will be repaired immediately. Following completion of site construction and final stabilization, maintenance and inspection responsibilities will be taken over by BSU personnel.

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.

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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 of bi-weekly tailgate. 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.

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 educations 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 cycling. There will be no changes in any identified BMP or measurable goals in the next reporting cycle.