

VA



U.S. Department of Veterans Affairs

Veterans Health Administration
Edith Nourse Rogers Memorial Veterans Hospital
(Bedford VA)

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Subject:
2018 Storm Water Management Annual Report
ENRM VA Hospital
200 Springs Road
Bedford, MA 01730

Please find attached the Bedford VA (ENRM VA Hospital) 2018 Storm Water Management Annual Report per EPA NPDES Permit Number: BRP WM 08A (Massachusetts DEP Transmittal Number: W040896). As always, we look forward to working with your agencies in the future to improve the quality of our nation's waterways.

Sincerely,
Joe Kitko

A handwritten signature in blue ink that reads "Joseph E. Kitko".

Bedford VA GEMS Program Manager



U.S. Department of Veterans Affairs

Veterans Health Administration

Edith Nourse Rogers Memorial Veterans Hospital

(Bedford VA)

BEDFORD VA 2018 STORM WATER MANAGEMENT ANNUAL REPORT

STORM WATER MANAGEMENT MINIMUM CONTROL MEASURES

1.1 Public Education and Outreach

Purpose: To address steps and/or activities that the community can take to reduce the pollutants in storm water runoff.

BMP #1: A catch basin inventory/stenciling project is in development and will be implemented throughout the campus.

Goal: Physically verify Geographic Information System (GIS) mapping of all storm water basins. Stencil the basins with public anti-pollution reminders.

Results:

- Anti-pollution stencils will be repainted in June 2018 on all storm basins along the sidewalks and roadways.
 - The VISN-wide (New England Regional VA) GIS contract is now active and work is in progress to update all storm basin and wetlands locations.
 - Bedford VA's onsite welder will be placing determined ID names on all iron/steel catch basin grates following the GIS mapping verification project. This task is scheduled for summer 2018.
 - New Wetlands signs are scheduled to be installed in May 2018.
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1.2 Public Involvement and Participation

Purpose: To provide opportunity for the public to participate in the implementation and review of the storm water management program.

BMP #1: Reinstitute the Bedford VA Green Environmental Management System (GEMS) Committee.

Goal: The GEMS committee is composed of participants from various departments and clinics throughout the facility. The implementation of this committee will provide opportunities for public involvement in the review and implementation of the Storm Water Management Plan. Quarterly meetings will be conducted to review the plan and BMP activities.

Results:

- The GEMS Committee continually meets quarterly to review the progress of the BMP goals of the Storm Water Management Plan (SWMP).
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1.3 Illicit Discharge Detection and Elimination

Purpose: To detect and eliminate discharges to a storm drain that is not composed entirely of storm water, with the exception of those that are defined by the U.S. EPA as "allowable non-storm water discharges" listed in Part I.F. of the General Permit.

BMP #1: Train the Utility Systems Repair Operators (USROs) and facility spill prevention first responders on storm water management principles at the Bedford VA.

Goal: Develop and present storm water pollution control training to the Duty Engineering staff, USRO, to ensure adequate training is presented to staff members responding to incidents which may potentially contaminate the storm water discharge system. A refresher version of training will be presented at least annually.

Results:

- This training has been incorporated into an existing facility spill response training presented annually to Hazardous Spill First Responders. All newly hired USRO (Duty Engineer) members are also being trained in Bedford VA storm water pollution control measures.

BMP #2: Conduct an inventory of floor drains throughout the campus. A management plan will be developed to address any potential illicit discharges identified.

Goal: Ensure those that may be piped to the storm sewer system are plugged where there is a potential for a release of hazardous materials.

Results:

- This project involves multiple Services and continues to be in development phase.
- Until the assessment can be conducted, requesting that Engineering Services plug all floor drains located within each mechanical room of each building housing devices having potential to discharge petroleum/hydraulic oil or any other substance detrimental to storm water system, and all oil discharging devices shall have oil only pads placed underneath each discharge valve/location. A standard operating procedure (SOP) has been created for this task.

1.4 Construction Site Storm Water Runoff Control

Purpose: To reduce pollutants in any storm water runoff to the storm drains from construction activities that result in land disturbance of greater than or equal to one acre.

BMP #1: Train the Construction Engineering, Facility First Responders, and Safety staff on storm water management principles at the Bedford VA.

Goal: New employees are currently receiving this training. A modification of the training is in development for Construction Engineering, Facility First Responders, and Safety staff. Refresher training will be presented at least annually.

Results:

- Training was postponed until Engineering had been fully staffed. Training now to begin in May 2018.

BMP #2: Development and implementation of a storm water runoff control guidance procedure for construction projects and contractors to be completed in calendar year 2018.

Goal: Storm water runoff control guidance procedures will be developed and distributed to all contractors performing construction work throughout the campus.

Results:

- A construction pollution prevention evaluation program has been developed to address storm water runoff control during the design phase of each construction project under the Construction Pollution Prevention Plan (CP3) assessment.
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1.5 Post Construction Storm Water Management in New Development and Redevelopment

Purpose: To address storm water runoff from new development and redevelopment projects that disturbs greater than one acre or less than one acre if the project is part of a large common plan of development.

BMP #1: Incorporate principles of storm water runoff control into Construction/Safety inspections performed by the site Engineers and Safety personnel at the completion of a project.

Goal: Storm water runoff control measures are inspected to the completion of a project.

Results:

- Erosion control issues for disturbed grounds, future landscaping measures, and post construction sedimentation clean-up continue to be addressed as priority matters during post construction inspections by site Engineers and Safety personnel. Erosion control concerns are addressed in the storm water runoff control guidance procedures.
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1.6 Pollution Prevention and Good Housekeeping in Municipal Operations

Purpose: To prevent and/or reduce pollutant runoff from community/facility operations.

BMP #1: Implement storm water catch basin cleanout program.

Goal: To prevent the discharge of solids or contaminants collected within catch basins from road runoff and litter.

Results:

- Monthly Storm Water Basin Inspections are now being performed by the GEMS Technician and an assessment is performed to record an inventory of basins requiring cleaning. A contractor has been hired to assist the GEMS Technician in cleaning out the highest priority basins. The latest cleanout task to be completed in May 2018.