



P

BEDFORD VA MEDICAL CENTER
2015 STORM WATER MANAGEMENT
ANNUAL REPORT

STORM WATER MANAGEMENT MINIMUM CONTROL MEASURES

I. 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 GIS mapping of all storm water basins. Stencil the basins with public anti-pollution reminders.
 - **Results:** Verification of storm water basins on GIS mapping has been completed. An updated Storm Drainage Plan identifies each of the catch basins and their respective outfalls. Bar-coded stainless steel tags will be installed at each catch basin in 2015. A monthly inspection and cleanout program will be conducted beginning in 2015.

II. 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 (SWMP). Quarterly meetings will be conducted to review the plan and BMP activities.
 - **Results:** The GEMS Committee met in March 2014. A quarterly meeting will be conducted in 2015 to review the updated SWMP.

III. Illicit Discharge Detection and Elimination

Purpose: To detect and eliminate discharge 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 VAMC.

- **Goal:** Develop and present storm water pollution control training to the Duty Engineering staff, USROs, 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:** Training to be provided within the second quarter of 2015.

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.

BMP #1: Train the Construction Engineering and Safety staff on storm water management principles at the VA Bedford Medical Center.

- **Goal:** Develop and present storm water pollution control training to the Construction Engineering and Safety staff to increase their knowledge on storm water issues during the design phase of construction projects. Refresher training will be presented at least annually.

IV. 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 Utility Systems Repair Operators (USROs) and facility spill prevention first responders on storm water management principles at the Bedford VAMC.

- **Goal:** Develop and present storm water pollution control training to the Construction Engineering and Safety staff to increase their knowledge on storm water issues during the design phase of construction projects. Refresher training will be presented at least annually.
- **Results:** Training to be provided within the second quarter of 2015.

BMP #2: Development and implementation of a storm water runoff control guidance procedure for construction projects and contractors to be completed in fiscal year 2016.

V. 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.

- **Goal:** Storm water runoff control measures are inspected to the completion of a project.
- **Results:** Environmental protection measures, such as storm water control issues, continue to be inspected for issues that may result from construction project processes.

VI. 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:** A contractor has been retained to conduct monthly inspections and perform catch basin cleaning as necessary.