



DEPARTMENT OF THE ARMY
JOINT BASE MYER – HENDERSON HALL
204 LEE AVENUE
FORT MYER, VIRGINIA 22211-1199

AMIM-MHP-E

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Joint Base Myer-Henderson Hall (JBM-HH) Policy Memorandum PW-9,
Stormwater Policy

1. REFERENCES.

- a. General Virginia Pollutant Discharge Elimination System (VPDES) Permit for Discharges of Stormwater from Small Municipal Separate Storm Sewer Systems, Permit No. VAR040068 (Effective Date: 1 Nov 18, Expiration Date: 31 Oct 23).
- b. Federal Water Pollution Control Act (The Clean Water Act) (enacted in 1948, amended in 1972).
- c. Energy Independence and Security Act (EISA), Section 438, 4 Jan 07.
- d. National Pollutant Discharge Elimination System (NPDES), 40 CFR Part 122, revised 12 Jun 19.
- e. Executive Order 13834, Efficient Federal Operations, 17 May 18.
- f. Executive Order 13508, Chesapeake Bay Protection and Restoration, 12 May 09.
- g. Chesapeake Bay Preservation Area Designation and Management Regulations, 9VAC25-830, 23 Oct 13.
- h. Virginia Erosion and Sediment Control Regulations, 9VAC25-840, 23 Oct 13.
- i. EPA NPDES General Permit for Discharges from Construction Activity, 16 Feb 19, as amended 27 Jun 19.
- j. Virginia Stormwater Management Program Regulation, 9VAC25-870, 26 Feb 14.
- k. Virginia General Permit for Discharges of Stormwater from Construction Activities, 9VAC25-880, 1 Jul 19.
- l. Environment, Safety, and Occupational Health, 4715.1E, 31 Aug 18.
- m. Environmental Protection and Enhancement, AR 200-1, 13 Dec 07.

2. PURPOSE. This memorandum sets forth the JBM-HH policy governing stormwater pollution prevention. The policy guidance provided in the enclosure outlines proper protocols for minimizing stormwater pollution during activities that directly and indirectly impact stormwater.

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3. APPLICABILITY. This policy is applicable to all military and civilian personnel and contractors who live, work, or are authorized access to the JBM-HH community.

4. POLICY & PROCEDURES. All actions on JBM-HH shall comply with applicable regulations and policy set forth in the attached policy and procedures enclosed with this policy memorandum.

5. PROPONENT. The JBM-HH Directorate of Public Works, Environmental Management Division is the proponent for this policy. The POC is the Environmental Management Chief at (703) 696-8055.

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DAVID D. BOWLING
COL, SF
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DISTRIBUTION:

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Stormwater Management Procedures
Joint Base Myer-Henderson Hall

1. PERMITS AND APPLICABLE REGULATIONS.

a. Permits: General Virginia Pollutant Discharge Elimination System (VPDES) Permit for Discharges of Stormwater from Small Municipal Separate Storm Sewer Systems (MS4), Permit No. VAR040068 (Effective Date: 1 November 2018, Expiration Date: 31 October 2023)

b. Applicable Regulations: In addition to the permit named above, the Stormwater Program must comply with federal and state regulations, and Department of Defense and Department of the Army policies, including the following:

(1) Federal:

- (a) Federal Water Pollution Control Act (The Clean Water Act).
- (b) Energy Independence and Security Act (EISA), Section 438.
- (c) Executive Order 13834, Efficient Federal Operations.
- (d) Executive Order 13508, Chesapeake Bay Protection and Restoration.
- (e) National Pollutant Discharge Elimination System, 40 CFR Part 122.
- (f) EPA NPDES General Permit for Discharges from Construction Activity.

(2) Virginia:

- (a) Chesapeake Bay Preservation Area Designation and Management Regulations, 9VAC25-830.
- (b) Erosion and Sediment Control Regulations, 9VAC25-840.
- (c) Virginia Stormwater Management Program Regulation, 9VAC25-870.
- (d) Virginia General Permit for Discharges of Stormwater from Construction Activities, 9VAC25-880.
- (e) Virginia General VPDES Permit for Discharges from Small Municipal Separate Storm Sewer Systems, 9VAC25-890.

(3) District of Columbia

(a) 2013 Rule on Stormwater Management and Soil Erosion and Sediment Control, Chapter 5 of Title 21 of the District of Columbia Municipal Regulations (DCMR), §§ 546, 547, and 552

(4) Department of Defense:

- (a) Environment, Safety, and Occupational Health, 4715.1E

(5) Department of the Army:

- (a) Environmental Protection and Enhancement, AR 200-1

2. POLICY & PROCEDURES.

a. Stormwater runoff at Fort Myer and Henderson Hall flows to JBM-HH's storm sewer system, which is permitted by the Virginia Department of Environmental Quality (DEQ) as a small MS4 under the VPDES permit.

(1) Stormwater runoff at Fort McNair is not regulated by a specific permit; instead, stormwater from Fort McNair flows directly into the Potomac River or to the District of Columbia's MS4, which is permitted by the US Environmental Protection Agency (EPA). The Department of Energy and Environment (DOEE) has oversight of the MS4 and has the authority to take measures that reduce pollutants at the source, by inspecting facilities and issuing notices of violation, fines, and penalties for noncompliance with the District of Columbia's stormwater regulations.

(2) These permits and the District of Columbia's stormwater regulations serve as the basis for JBM-HH's Environmental Management Division (EMD) Stormwater Program duties. The Stormwater Program is responsible for maintaining compliance with permit conditions; however, compliance with permit conditions requires cooperation from other Directorates and Installation entities, as well as the Installation's residents, employees, and visitors. See Section 1.b for applicable regulations.

b. The following pollution prevention measures will be implemented to protect surface waters that receive stormwater discharges from JBM-HH:

(1) Illicit Discharges. JBM-HH's stormwater permit allows only stormwater into its storm sewer system. With a few exceptions, materials other than stormwater discharged to the storm drain system are called illicit discharges and are strictly prohibited.

(a) Any sort of dumping or disposal of material into a storm drain is considered an illicit discharge. Illicit discharges may be deliberate or unintentional and can occur at any time. Illicit discharges can range from oil spills to muddy runoff or tracked sediment to a sanitary sewer cross-connection, all allowing pollutants to enter the storm sewer system.

(b) EMD will investigate illicit discharges; however, residents, employees, and visitors should notify EMD when they observe an illicit discharge occurring. Examples of reportable incidents include:

1. Any flow observed 72 hours or more after the last rain event.
2. Muddy runoff or tracked sediment, especially near a construction site.
3. Washwater from vehicle and equipment washing (other than residents' personal vehicles).
4. Spilled or dumped chemicals or waste materials (dry or wet) that are entering a storm drain.
5. Pet wastes.

(c) Exceptions to the illicit discharge rule include water from firefighting activities; hydrant and potable water line flushings; irrigation water from landscape watering; and groundwater or spring water. Any concerns or suspected illicit discharges should be reported to EMD for further investigation.

(2) Vehicle Washing. Vehicle washing generates washwater that may be contaminated with grease, oil, fuel, dusts and residues, soaps, and other pollutants, which then flow untreated into storm sewer systems and waterways.

(a) JBM-HH residents may wash personal vehicles in residential areas of the Installation, but when possible, shall use the commercial vehicle wash at Henderson Hall or the vehicle wash rack at Fort McNair, which filters washwater before discharging water to the sanitary sewer system.

(b) JBM-HH's stormwater permit explicitly prohibits the discharge of washwater associated with municipal vehicle washing operations to JBM-HH's storm sewer system. Municipal vehicles include:

1. JBM-HH police cars.
2. JBM-HH fire trucks and engines.
3. Military vehicles.
4. Public Works vehicles.
5. Public Works equipment.
6. Buses.
7. Contractor vehicles and equipment.
8. All other vehicles designated for official government use at JBM-HH.

(3) Spills and Leaks.

(a) Every precaution should be taken when working with chemicals and materials outdoors so that spills are minimized. When they occur, respond to spills and leaks immediately to keep spilled material from entering the storm drain system. Spill kits are located at the AAFES fueling station for spill clean-up and in various workshops for employees' use.

(b) All spills and leaks are required to be reported to EMD for proper cleanup. Emergency spills and leaks involving hazardous substances should also be reported to Emergency Services by calling 911.

(4) Construction Projects. During their planning phase, construction projects of all sizes are required to consider their potential impacts to stormwater and adhere to the following guidelines to minimize stormwater pollution. Residents, employees, and visitors observing any stormwater incidents stemming from construction projects (e.g. runoff during dry weather, excessive sediment, trash and litter, concrete washout) should contact EMD.

(a) Fort Myer and Henderson Hall.

1. Stormwater discharges from construction must be minimized by using erosion and sediment controls and protective barriers around disturbed land and stockpiles. Projects disturbing 10,000 square feet of land or more (or 2,500 square feet of land or greater in areas designated under the Chesapeake Bay Preservation Act) must submit an Erosion and Sediment Control Plan to the Virginia DEQ for review and approval. Projects disturbing one acre or more must submit a Stormwater Management Plan to the Virginia DEQ for approval, develop a stormwater pollution prevention plan (SWPPP), and apply for a Construction General Permit. Virginia DEQ must approve Erosion and

Sediment Control Plans, Stormwater Management Plans, and SWPPPs and/or issue a Construction General Permit before land disturbing activities take place.

2. Any planned submittals to the Virginia DEQ must be submitted to the EMD for review at least 30 days prior to submission to Virginia DEQ. All construction projects, regardless of size, are subject to inspection by EMD personnel. Access to the construction sites must therefore be granted to EMD personnel whenever inspections are conducted.

3. JBM-HH's stormwater permit requires qualified Installation personnel to conduct inspections of construction projects disturbing 10,000 square feet of land or greater (or 2,500 square feet of land or greater in areas designated under the Chesapeake Bay Preservation Act) to ensure appropriate controls have been implemented to prevent non-stormwater discharges to the MS4. Inspections must be conducted at the following intervals:

- During or immediately following initial installation of erosion and sediment controls;
- At least once per every two-week period;
- Within 48 hours following any runoff producing storm event; and
- At the completion of the project prior to the release of any performance bond.

4. EMD has the authority to require compliance through corrective actions to ensure E&S and pollution prevention controls are properly implemented and maintained according to the site-specific E&S Plans and SWPPP. The construction project manager will be notified of any deficiencies noted during the above-described inspections. The contractor and/or project manager must complete the required corrective actions by the deadline established by EMD. EMD personnel will conduct follow-up inspections to ensure the deficiencies were properly addressed.

5. EMD has the authority to implement enforcement actions, including but not limited to issuing a stop-work order until deficiencies in E&S and pollution prevention controls or other incidents of non-compliance with the approved plans, permits, or requirements set forth in this policy are addressed and proof of compliance is provided to EMD. EMD's enforcement authority applies to all construction projects on base, regardless of size.

(b) Fort McNair:

1. Stormwater discharges from construction must be minimized by using erosion and sediment controls and protective barriers around disturbed land and stockpiles. All projects are subject to the DOEE's soil erosion and sediment control regulations, except projects that disturb less than 50 square feet of land. DOEE must review and approve soil erosion and sediment control plans before land disturbing activities take place.

2. In addition to a soil erosion and sediment control plan, projects disturbing greater than 5,000 square feet of land must develop a Stormwater Management Plan, which must be submitted to DOEE for review and approval before land disturbing activities take place.

3. Projects disturbing one or more acres of land must develop a SWPPP and obtain coverage under the EPA NPDES Construction General Permit.

4. Any plans and/or permits must be submitted to EMD for review at least 30 days prior to submission to DOEE and EPA. All construction projects are subject to inspection by EMD personnel.

5. All construction projects are subject to inspection by JBM-HH EMD personnel. Access to the construction sites must therefore be granted to EMD personnel whenever inspections are conducted.

6. EMD has the authority to require compliance through corrective actions to ensure E&S and pollution prevention controls are properly implemented and maintained according to the site-specific E&S Plan and SWPPP. The construction project manager will be notified of any deficiencies noted during the above-described inspections. The contractor and/or project manager must complete the required corrective actions by the deadline established by EMD. EMD personnel will conduct follow-up inspections to ensure the deficiencies were properly addressed.

7. EMD has the authority to implement enforcement actions, including but not limited to issuing a stop-work order until deficiencies in E&S and pollution prevention controls or other incidents of non-compliance with the approved plans, permits, or requirements set forth in this policy are addressed and proof of compliance is provided to EMD. EMD's enforcement authority applies to all construction projects on base, regardless of size.

(5) Stormwater Best Management Practices for High-Priority Facilities.

(a) Operations at Fort Myer with higher potential of discharging pollutants include the following:

Building 306 – Directorate of Public Works (DPW) Sign Shop

Building 325 – DPW Roads & Grounds Shop

Building 447 – DPW Boiler Plant & Storage Yard

Building 314 – The Old Guard (TOG) Motor Pool

Building 330 – Directorate of Logistics TMP Motor Pool

(b) Stormwater pollutant prevention at each of these facilities is described in JBM-HH's SWPPP. The Directorate of Public Works and TOG are responsible for implementing the stormwater best management practices (BMPs) as described in the Installation's SWPPP. The EMD is responsible for maintaining and updating the Installation's SWPPP, conducting quarterly compliance inspections of industrial areas, and notifying DPW and TOG of deficiencies in BMP implementation at the high-priority facilities.

(6) General Stormwater Best Management Practices. The following BMPs should be implemented at Fort Myer, Henderson Hall, and Fort McNair where possible to prevent the pollution of stormwater:

(a) Recycle. Do not throw recyclable materials in the regular trash.

(b) Keep trash cans and dumpsters closed. Report leaking trash cans or dumpsters to EMD.

(c) Do not throw trash, including cigarette butts, on the ground.

(d) Have your vehicle maintained regularly.

(e) Do not top off your vehicle tank when refueling.

(f) Use commercial car washes that recycle washwater.

(g) Immediately clean up spilled materials.

(h) If you see a spill of oil or of a hazardous material, report it by calling 911.

(i) If you see a condition that is causing or could cause stormwater pollution, notify EMD.

(7) Contacting the Environmental Management Division. Report any conditions that could cause stormwater pollution to the Environmental Management Division's Stormwater Program at (703) 696-1222 or at usarmy.jbmhh.asa.mbx.fort-myer-fort-mcnair-stormwater-program@mail.mil. The Environmental Management Division is located in Building 321 at Fort Myer, along Marshall Drive.