



WKU[®]

POLICY & PROCEDURE DOCUMENT

NUMBER: 9.3010

DIVISION: Campus Services & Facilities

TITLE: Stormwater Management Policy

DATE: September 19, 2011

REVISED:

Policy for: All Employees, Students, Campus Visitors and Contractors

Procedure for: Environmental Compliance

Authorized by: John Osborne, Vice President for Campus Services and Facilities

Issued by: Department of Environment, Health and Safety

I. Purpose and Scope

This policy is necessary in order to implement WKU's Stormwater Quality Management Plan (SWQMP) which is required by the U.S. Environmental Protection Agency and Kentucky's Department for Environmental Protection, Division of Water. The policy sets forth operating procedures that enable WKU to protect, to the maximum extent practicable, local water supplies and assist in keeping area recreational waters clean. Stormwater means runoff from rain, snowmelt, and drainage.

Six minimum control measures are required by the Kentucky Pollutant Discharge Elimination System (KPDES) General Permit No. KYG200000 for small Municipal Separate Stormwater Systems (sMS4):

1. Public Education & Outreach
2. Public Participation & Involvement
3. Illicit Discharge Detection & Elimination
4. Construction Site Run-off Control
5. Post-construction Stormwater Management
6. Good Housekeeping and Pollution Prevention

The Permit requires that campus-wide policies and operating procedures be implemented to address illicit discharges, and storm water pollution prevention. Failure to comply with this policy may lead to appropriate corrective and disciplinary actions. Violators who are not WKU employees are subject to corrective actions up to and including work stoppage orders implemented by the appropriate University official, upon request by EHS and after notice to the appropriate Vice President, or Dean.

II. Policy

A. Minimum Control Measure 3—Illicit Discharge Detection and Elimination

No person shall discharge to the storm drain system trash, industrial and commercial wastes, used motor fluids, leaf litter, grass clippings, animal wastes, hazardous materials, chemicals, or other pollutants.

Only stormwater and the following exempt discharges are permitted to enter the storm sewer system: water line flushing, landscape irrigation, diverted stream flows, rising ground waters, uncontaminated ground water infiltration, uncontaminated pumped ground water, discharges from potable water sources, foundation drains, air conditioning condensation, irrigation water, springs, water from crawl space pumps, footing drains, lawn watering, flows from riparian habitats and wetlands, and street wash water.

Spills and any known or suspected release of prohibited wastes are to be reported to the WKU Department of Environment, Health & Safety (EHS). Public reporting of illicit discharges is possible by calling EHS at 270-745-2054 or submitting a complaint through the department's web site.

The Department of Facilities Management (DFM) will regularly monitor established operating procedures for the potential to negatively impact stormwater quality, such as trash pickup, pesticide application, salt storage and application, storm line cleaning, and herbicide usage. Operating procedures will be revised if necessary and staff will be trained as new policies and procedures are implemented. DFM will continue to adhere to existing policy which prohibits on-site storage of herbicides.

B. Minimum Control Measure 4—Construction Site Run-off Control

Project managers at WKU's Department of Planning Design & Construction (PDC) will ensure that a Notice of Intent is filed for coverage under the Construction General Permit Program (KPDES permit KYR10) prior to commencement of construction for all new development, and redevelopment activities that disturb greater than one acre of land or less than one acre of land if that activity is part of a "larger common plan of development or sale" that is greater than one acre. A Stormwater Pollution Prevention Plan (SWPPP) will be prepared by the designated project Architect/Engineer in compliance with Kentucky's General Permit for Stormwater at Construction Sites (KYR10). The policies developed by PDC will become part of contractual relationships with the Architect/Engineer and the Contractor through contractual language, or

through incorporation of the University Construction Standards into the contracts. Failure to comply with the SWPPP will be reported to the Contractor through the WKU Project Manager and will result in appropriate actions.

Regardless of size, all construction projects must include Erosion Prevention and Sediment Control (EPSC) and Best Management Practices (BMP's) in their construction plans or documents. PDC is responsible for making sure that EPSC and BMP documents are being maintained on site for the duration of the project by the operator.

Construction site runoff will be minimized to the greatest extent possible by following best management practices for building materials storage, concrete truck washout, chemical management, solid waste, and sanitary waste. SWPPP's will follow the KY Division of Water's General Permit requirements, and the KY Sedimentation and Erosion Control Guide.

C. Minimum Control Measure 5—Post-construction Stormwater Control

Post-construction run-off control for new development projects will manage or treat, at a minimum, the run-off produced from an 80th percentile precipitation event.

An 80th percentile precipitation event is the average water depth produced by 80% of all rain events in a particular region. For the WKU- Bowling Green area, an 80th percentile event is approximately 1.1 inches water depth.

WKU recognizes the importance of site run-off control after construction sites are completed. The University's Sustainability Committee and PDC support the inclusion of design features such as stormwater infiltration, detention and retention, grassy swales, riparian buffers, pervious pavement, and bioretention swales in new construction, as well as, design changes to the campus landscape as opportunities arise. Once established, proper maintenance of these features is the responsibility of DFM. PDC will inform the appropriate persons within DFM about new features and their maintenance procedures upon project completion.

Divisional Assigned Responsibilities

The Division of Intercollegiate Athletics has primary responsibility for compliance with this policy in all activities and operations at all athletic facilities. The Division of Athletics will develop appropriate guidelines for day-to-day implementation of the Stormwater Management Policy and will inform contractors as appropriate, including relevant provisions being contained within contracts. Employees will be trained as appropriate.

The Department of Housing & Residence Life (HRL) has primary responsibility for compliance with this policy in all housing operations. HRL will develop appropriate guidelines and inform contractors as appropriate, including relevant provisions being contained within contracts. Employees will be trained as appropriate.

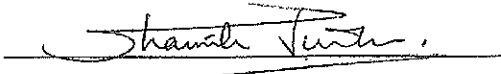
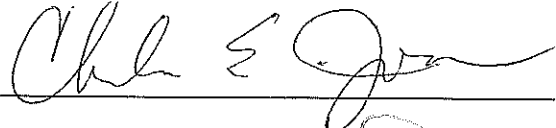
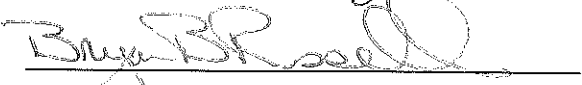

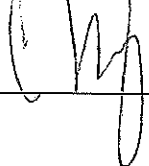
III. Related Policies

See also: 3.0 Environment, Health & Safety Policy

Appendices

WKU Stormwater Quality Management Plan

This policy has been reviewed and approved for adoption by:

<i>Department</i>	<i>Signature</i>	<i>Date</i>
EH&S		<u>9/16/2011</u>
DFM		<u>9/16/2011</u>
PDC		<u>9/16/2011</u>
HRL		<u>9/16/2011</u>
Athletics		<u>9/16/11</u>