



COMMONWEALTH OF VIRGINIA
DEPARTMENT OF JUVENILE JUSTICE

OFFICE OF CAPITAL OUTLAY MANAGEMENT
600 E. MAIN STREET, FLOOR 14 – RICHMOND, VIRGINIA 23219-1110
804.588.3833

DATE: 31 July 2014

TO: COMPLIANCE DIRECTIVE for MS4 PERMIT #VAR040128.

FROM: Office of Capital Outlay Management; Robert Wilburn, Manager

SUBJECT: MS4 Program, Department of Juvenile Justice, Bon Air Campus

INTRODUCTION:

This initial Department of Juvenile Justice MS4 Compliance Plan (SMP), is currently under development with Draper-Aden Associates, Engineers, as part of the application for a VPDES permit under the Virginia Department of Environmental Quality (DEQ), Small Municipal Storm Sewer System (MS4) Regulations. The early stages of this Plan are under review by the DEQ Regional Office, with no recommendations for changes thus far. As set forth by the approved Permit, the MS4 Program Plan has been established in accordance with the 4VAC50-60-1240, Section II, Municipal Separate Storm-water System Management Program guidelines.

MS4 PROGRAM:

The Virginia Department of Conservation and Recreation (DCR) has issued regulations concerning the discharge of storm-water to the environment. The regulation is “General Virginia Pollutant Discharge Elimination System (VPDES) Permit Regulation for Discharges of Storm Water from Small Municipal Separate Storm Sewer Systems (4VAC 50-60-1240). Prior to the most recent census, the DJJ Bon Air Campus was not considered eligible for required compliance.

On August 21, 2013, after a census review by the Federal Environmental Protection Agency, DEQ/DCR notified DJJ that initial Registration and compliance was required in 180 days. DJJ filed the required Registration Statement to DEQ on February 18, 2014. DEQ issued MS4 Permit #VAR 040128 to the Department on April 18, 2014, with a 5-year reissue renewal date of April 18, 2018, and every 5-years thereafter. An annual Report is required to be submitted and posted each year of the Permit cycle by October 1 of each respective cycle year.

The DJJ Bon Air Campus falls under the Requirements of the program as a Public Facility with a Separate storm sewer system as identified in the regulations, and which is located in an Urbanized Area. To maintain the Permit, DJJ (Bon Air JCC) must develop a Compliance Plan consisting of Best Management Practices (BMPs) for storm water systems treatment and the Chesapeake Bay TMDL. BMPs are defined as schedules of activities, prohibitions of practices (including both structural and nonstructural practices), maintenance procedures, and other management practices to prevent or reduce the pollution of surface and groundwater systems from the impacts of land-disturbing activities. BMPs also include treatment requirements, operating procedures and practices to control “plant site runoff, spillage and leaks, sludge and waste disposal, and drainage from raw materials storage.” The Department’s MS4 Compliance Plan is under progressive development toward final review and approval by DEQ in accordance with the current 4VAC50-60-1240 guidelines. These regulations require DJJ Bon Air JCC, to select BMPs that are the most applicable to storm water conditions on the Campus. As mentioned above, the Compliance Plan also includes compliance with the Chesapeake Bay TMDL, which sets pollutant removal goals based upon the total existing impervious area for the Campus.

Along with this Directive, the Department’s initial Registration Statement and its first required Annual Report are posted on the DJJ website.

THE BON AIR CAMPUS AND ITS STORMWATER SYSTEM

The DJJ secure Bon Air Facility operates 24-hours, 365 days per year, and houses approximately 320 Court Committed Juveniles, supported by approximately 457 staff positions, including Correctional Officers, Superintending Security Administrative Staff, Food Service Staff, Business Administrative Staff, Medical and Behavioral Services Staff, Counseling Staff, Educational Staff, Human Resources Staff, and Maintenance Staff. The campus occupies a total of 428 acres located in the Bon Air section of Chesterfield County, VA. The Secure Campus consists of 46.6 acres of developed area (Campus buildings, roads, parking lots, and limited industrial energy plants and maintenance buildings), with at least 5 acres considered impervious, and approximately 381 acres of undeveloped woodland, open areas and rolling hills, with some steep ravines (of which 60-acres are wetlands/RPA). The site generally drains to Little Westham Creek, which is a tributary of the James River watershed (Hydrologic Unit Code JM-86, of the National Watershed Boundary Dataset). The only physically connected and regulated MS4 to which this Small MS4 discharges into, is currently held by VDOT (Virginia Department of Transportation). The Bon Air JCC property also shares a border with a previously active landfill site, owned by and under the responsibility and administration of the County of Chesterfield.

SUMMARY:

The Department of Juvenile Justice is committed to protecting our shared environment by reducing pollutant runoff. Some of the proposed Best Management Practices (BMPs) present in the application for the Permit are existing programs that DJJ already has established at all of its

Facilities. DJJ has committed to this new expanded program, and to the completion dates in the required schedule of development for the proposed Bon Air JCC Storm Water Management Plan. However, State funding reductions over the last 5 years, and the significant reductions forecast again this year, may impact DJJ's ability beyond its control to meet some, if not all of the proposed milestones.

CURRENT ASSIGNMENTS FOR THE DJJ BON AIR PROPOSED MS4 PLAN

The Director of the DJJ Administrative and Finance Division is assigned overall responsibility for management of the Bon Air MS4 Application for Permit:

Mr. Daryl W. Francis, Deputy Director, DJJ Admin & Finance Division
804.371.0700
Daryl.Francis@djj.virginia.gov

The Manager of the Division's Capital Outlay Unit is immediately responsible for administration of the Engineering Contract, the development of the BMPs, the maintenance of the schedule milestones, and the eventual implementation of the Program as approved by DEQ. Because the Unit is responsible for Agency design and construction contracts, procurement and implementation, he will also be responsible for Construction Site Storm Water Runoff Control, and Post-Construction Storm Water Management in New Development and Redevelopment:

Mr. Robert A. Wilburn, Jr., DJJ Capital Outlay Unit Manager
804.588.3833
Robert.Wilburn@djj.virginia.gov

The Division's Agency Public Information Officer is immediately responsible for Public Education, Outreach, Involvement and Participation regarding the DJJ Bon Air Campus MS4 Permit Application, and the associated Storm Water Plan process, progress and impacts:

Mr. Greg Davy
804.588.3910
Greg.Davy@djj.virginia.gov

As the MS4 Plan develops and is approved by DEQ, and eventually put into practice, the DJJ Operations Division, Bon Air Campus, Central Maintenance for Buildings and Grounds, Unit Manager, and the DJJ Risk Manager will be responsible for site specific Pollution Prevention and 'Good Housekeeping' for 'Municipal' Operations; and for site specific Illicit Discharge Detection and Elimination:

Mr. John Luck, BAJCC Central Maintenance
804.323.2332
John.Luck@djj.virginia.gov

Mr. John Coble, DJJ Risk Manager
804.588.3854
John.Coble@djj.virginia.gov

*The names and contact information of the personnel on this list will be updated as necessary, to reflect personnel changes, changes in contact information, changes in responsibility, or changes to the Application in its review by DEQ, or changes to the approved Plan through its progressive implementation.