

**GENERAL PERMIT REGISTRATION STATEMENT FOR STORMWATER DISCHARGES
FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS (VAR04)**

(Please Type or Clearly Print All Information)

1. Name, Type, and Location of the Small Municipal Separate Storm Sewer System (MS4):

Name: Bon Air Juvenile Justice Facility

Type: City County Incorporated Town Unincorporated Town College or University
 Local School Board Military Installation Transport System Federal or State Facility
 Other: _____

Location (City or County Name): Chesterfield County, Virginia

2. Small MS4 Operator:

Name: Virginia Juvenile Justice System

Address: 1900 Chatsworth Avenue

City: Bon Air State: VA Zip: 23235

3. Hydrologic Unit Code(s) as identified in the most recent version of Virginia's 6th Order National Watershed Boundary Dataset currently receiving discharges or that have potential to receive discharges from the regulated Small MS4:

JM-86 James River - Little Westham Creek

4. Attach a description of the estimated drainage area (in acres) served by the Small MS4 discharging to any impaired receiving surface water(s) listed in the 2010 Virginia 305(b)/303(d) Water Quality Assessment Integrated Report and a description of the land use of each such drainage area. See Attachment A

5. Any approved TMDL waste load(s) allocated to the Small MS4:

None

6. The name(s) of any regulated physically interconnected MS4s to which the Small MS4 discharges:

VDOT

7. For operators that had coverage under the 2008 Small MS4 General Permit, attach a copy of the currently implemented MS4 Program Plan. The operator shall continue to implement this plan and any updates as required by 9VAC25-890-40, Table I.

8. For operators applying for initial coverage designated under 9VAC25-890-10 A, a schedule of development of an MS4 Program Plan that complies with 9VAC25-890-40 and includes the following: See Attachment B

a. A list of BMPs that the operator proposes to implement for each of the stormwater minimum control measures and their associated measurable goals pursuant to 9VAC25-890-40, Section II B, that includes:

i. A list of the existing policies, ordinances, schedules, inspection forms, written procedures, and other documents necessary for BMP implementation; and

ii. The individual(s), department(s), division(s), or unit(s) responsible for implementing the BMP;

b. The objective and expected results of each BMP in meeting the measurable goals of the stormwater minimum control measures;

- c. The implementation schedule of each BMP including any interim milestones for the implementation of a proposed BMP; and
 - d. The method that will be utilized to determine the effectiveness of each BMP and the MS4 Program as a whole.
9. List all existing signed agreements between the operator and any applicable third party where the operator has entered into an agreement in order to implement minimum control measures or portions of minimum control measures:

None

10. The name, address, telephone number and email address of either the principal executive officer or ranking elected official as defined in 9VAC25-870-370:
 Daryl W. Francis, Deputy Director of Administration and Finance Division, DJJ
 600 East Main Street, Floor 20, Richmond, VA 23219-1110
 804-588-3892, Daryl.Francis@djj.virginia.gov

11. The name, position title, address, telephone number and email address of any duly authorized representative as defined in 9VAC25-870-370:
 Robert A. Wilburn, Jr, VCCO, Capital Outlay Manager, DJJ
 600 East Main Street, Floor 14, Richmond, VA 23219-1110
 804-588-3847, Robert.Wilburn@djj.virginia.gov

12. **Certification:** "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations."

Printed Name: Daryl W. Francis Title: Deputy Dir. of Administration & Finance Division
 Signature:  Date: 1/24/14

(For Department of Environmental Quality Use Only)

Accepted / Not Accepted By: _____ Date: _____

Basin: _____ Stream Class: _____ Section: _____ Special Standards: _____

Attachment A

HUC-6
JM-86

Drainage Area
James River – Little Westham Creek 46.6 Acres

Acreage

Usage
Juvenile Correctional Center

DRAFT MS4 Program Plan

Department of Juvenile Justice - Consolidated MS4s at Bon Air

The following plan provides an initial MS4 Program Plan framework. During the course of accomplishing the tasks in this framework, DJJ will revise and amend tasks, implementation schedule, and responsible parties in accordance with Table 1 of the MS4 Permit. Compliance with the first milestone (5%) of the Chesapeake Bay TMDL is due 8/21/2018.
 Permit Date: August 21, 2013

Minimum Control Measure No. 1: Public Education and Outreach on Storm Water Impacts

Permit Requirements	Proposed BMP	Elements of BMP	Measurable Goals	Preliminary Implementation Schedule	Preliminary Responsible Department	Progress on Achieving BMP Measurable Goals	Items Included in Annual Report	Planned Activities for Next Year	DEQ Comments
1.a - Continue to implement the public education and outreach program	Develop outreach strategy	See below	See below	See below	See below				
1.b-f - Public education and outreach programs and initiatives - due 8/21/2014	Develop outreach strategy	Identify three high-priority water quality issues Identify and estimate target population size Develop relevant messages and means of communication Provide for public participation in development of education and outreach	Three high-priority water quality issues identified Target population identified and size estimated Relevant messages developed Means of public participation identified	6/1/2014 6/1/2014 6/1/2014 6/1/2014	CO CO CO CO				
1.g - Annual reporting requirements - first report due 10/1/2014	Document results of workshop and commitments to further action	Prepare documentation to be included in annual report	Documentation prepared	9/1/2014	CO				

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Minimum Control Measure No. 2: Public Involvement/Participation

Permit requirements	Proposed BMP	Elements of BMP	Measurable Goals	Preliminary Implementation Schedule	Preliminary Responsible Department	Progress on Achieving BMP Measurable Goals	Items Included in Annual Report	Planned Activities for Next Year	DEQ Comments
2.a. - Public involvement	Develop public involvement strategy	Develop procedures to solicit and public input to the development of the MS4 Program Plan	Procedures developed and recorded	8/1/2014	CO				
	Post MS4 Program Plan to website	Post initial MS4 Program Plan (this document) to DJJ website	Document posted within 30 days of submittal of registration statement	3/10/2014	CO				
	Post MS4 annual reports to website	Identify procedures and contact for posting to DJJ website	Procedures and contact identified	11/1/2014	CO				
2.b. - Public participation	Develop public participation strategy	Identify a minimum of four local activities	Four activities identified	8/1/2014	CO				
2.c. - Written procedures	Develop written procedures for implementing program	Prepare documentation to be included in annual report	Documentation prepared	8/1/2014	CO				

Department of Juvenile Justice - Consolidated MS4s at Bon Air

Minimum Control Measure No. 3: Illicit Discharge Detection and Elimination

Permit Requirements	Proposed BMP	Elements of BMP	Measurable Goals	Preliminary Implementation Schedule	Preliminary Responsible Department	Progress on Achieving BMP Measurable Goals	Items Included in Annual Report	Planned Activities for Next Year	DEQ Comments
3.a - Storm sewer system mapping and information table - due 8/21/2017	Survey existing storm sewer	Map to include: location of all outfalls, outfall identifiers, name and location of receiving waters & name and location of all receiving waters	Develop completed map	6/1/2014	Draper Aden Associates (consultant)				
3.b - Prohibition of Non-stormwater Discharges - due 8/21/2014	Create or locate existing written documentation to prohibit nonstormwater discharges to the storm sewer.	Information table to include for each outfall: identifier, estimate MS4 acreage served, name of receiving water with impairment status, & name of TMDLs.	Assign outfall identifiers	6/1/2014	Draper Aden Associates (consultant)				
3.c - Develop, implement, and update written procedures to detect, identify, and address unauthorized nonstormwater discharges, including illegal dumping, to the MS4 - due 8/21/2014	Dry weather field screening procedures	Create written documentation summarizing existing applicable documentation and, if required, the schedule for making necessary revisions.	Written documentation created	6/1/2014	CO				
	Develop written procedures		Written documentation created	6/1/2014	CO				
	Conduct outfall screenings		All outfalls screened	6/1/2014	CO				
	Procedures to locate source of any observed continuous or intermittent nonstormwater discharge	Maintain inspection program that includes all stormwater outfalls. Inspectors use visual observation, odors and other indicators to identify potential illicit discharges.	Written documentation created	6/1/2014	CO				
3.d - Promote, publicize, and facilitate reporting of illicit discharges into or from MS4 - due 8/21/2014	Existing spill reporting procedures	Identify existing spill reporting procedures	Written documentation created	6/1/2014	CO				
3.e & f - MS4 Program Plan & annual reporting - first report due 10/1/2014	Document results of workshop and commitments to further action	Prepare documentation to be included in annual report	Documentation prepared	9/1/2014	CO				

Department of Juvenile Justice - Consolidated MS4s at Bon Air

Minimum Control Measure No. 4: Construction Site Stormwater Runoff Control

Permit Requirements	Proposed BMP	Elements of BMP	Measurable Goals	Preliminary Implementation Schedule	Preliminary Responsible Department	Progress on Achieving BMP Measurable Goals	Items Included in Annual Report	Planned Activities for Next Year	DEQ Comments
4.a - Applicable oversight requirements	Address post-construction stormwater that enters MS4 from construction	Ensure compliance with DEQ ESC design requirements for all proposed projects over 2,500 sf of disturbance	Include language in all project RFPs for design services	ongoing	CO				
4.b - Required plan approval prior to commencement of land disturbance activity	Ensure that land disturbance does not begin until an ESC plan is approved	Plan review and approval is by DEQ	Include language in all project RFPs for design services to require AVE to obtain required approvals	ongoing	CO				
4.c - Compliance and enforcement	Inspect land-disturbing activities for compliance with approved ESC plan	Inspect land-disturbing projects upon initial installation of ESC measures, at least once during every two-week period, within 48-hours of runoff-producing storm event, and upon completion of the project	Review E&S inspection procedures	ongoing	CO				
		Ensure ESC inspector holds current DEQ ESC certification Document inspections, findings of deficiencies, and corrective actions taken by contractor.							

Minimum Control Measure No. 4: Construction Site Stormwater Runoff Control

Permit Requirements	Proposed BMP	Elements of BMP	Measurable Goals	Preliminary Implementation Schedule	Preliminary Responsible Department	Progress on Achieving BMP Measurable Goals	Items Included in Annual Report	Planned Activities for Next Year	DEQ Comments
4.d - Regulatory coordination	Implement enforceable procedures to require that construction activities secure necessary state permits.	Create written procedures	Create written procedures	8/1/2014	CO				
4.e - MS4 Program requirements	MS4 Program Plan to include: description of legal authorities, written plan review procedures, written inspection procedures.	Revise MS4 Program Plan	Revise MS4 Program Plan	8/1/2014	CO				
4.f - Reporting requirements - first report due 10/1/2014	Document results of workshop and commitments to further action	Prepare documentation to be included in annual report.	Documentation prepared	9/1/2014	CO				

CO - Capital Outlay Unit of DJJ Administration & Finance Division

Department of Juvenile Justice - Consolidated MS4s at Bon Air

Minimum Control Measure No. 5: Post-Construction Stormwater Management in New Development and Redevelopment

Permit Requirements	Proposed BMP	Elements of BMP	Measurable Goals	Preliminary Implementation Schedule	Preliminary Responsible Department	Progress on Achieving BMP Measurable Goals	Items included in Annual Report	Planned Activities for Next Year	DEQ Comments
5.a - Applicable oversight requirements - due 8/21/2014	Address post-construction stormwater that enters MS4 from construction	Ensure compliance with DEQ stormwater design requirements for all proposed projects over 2,500 sf of disturbance	Include language in all project RFPs for design services	ongoing	CO				
5.b - Required design criteria for stormwater runoff controls - due 8/21/2014	Utilize specific contract language to require project design to comply	Ensure compliance with DEQ stormwater design requirements for all proposed projects over 2,500 sf of disturbance Ensure that all proposed projects obtain coverage under VSMP General Construction Permit	Include language in all project RFPs for design services	ongoing	CO				
5.c - Inspection, operation, and maintenance verification of stormwater management facilities - due 8/21/2014	Provide for adequate long-term operation and maintenance of structural stormwater BMPs	Create written inspection procedures Inspect existing BMPs	Written procedures BMPs inspected and written reports created	6/1/2014 6/1/2014	CO CO				
5.d - MS4 Program Plan requirements - due 8/21/2014	Create MS4 Program Plan	MS4 Program Plan to include list of legal authorities, written policies and procedures, inspection and maintenance policies, and roles and responsibilities	MS4 Program Plan created	6/1/2014	CO				
5.e - Stormwater management facility tracking and reporting requirements - due 8/21/2014	Maintain an electronic database of all stormwater management facilities	Create electronic database with existing BMPs to include type, location, acres treated (total and impervious), date brought online, HUC, impaired water segments, and last inspection and maintenance dates	Electronic database created	6/1/2014	CO				

Department of Juvenile Justice - Consolidated MS4s at Bon Air

Minimum Control Measure No. 6: Pollution Prevention/Good Housekeeping for Facility Operations

Permit Requirements	Proposed BMP	Elements of BMP	Measurable Goals	Preliminary Implementation Schedule	Preliminary Responsible Department	Progress on Achieving BMP Measurable Goals	Items Included in Annual Report	Planned Activities for Next Year	DEQ Comments
6.a - Operations and maintenance activities - due 8/21/2015	Develop and implement written procedures to minimize pollutant discharge from (i) daily operations such as road, street, and parking lot maintenance; (ii) equipment maintenance; and (iii) application, storage, transport, and disposal of pesticides, herbicides, and fertilizers	Review required procedure categories with DJJ maintenance and grounds department heads to identify existing written procedures and gaps where new written procedures are required. Create new written procedures, if required	Hold workshop with DJJ maintenance and grounds	3/1/2015	CO				
6.b - Municipal facility pollution prevention and good housekeeping - due 8/21/2014	Identify all high-priority facilities, including: (i) compost facilities, (ii) equipment storage and maintenance facilities, (iii) materials storage yards, (iv) pesticide storage facilities, (v) public works yards, (vi) recycling facilities, (vii) salt storage facilities, (viii) solid waste handling and transfer facilities, and (ix) vehicle storage and maintenance	Review existing facilities with DJJ maintenance and grounds department heads to identify which operations are conducted at the facility and locations.	Hold workshop with DJJ maintenance and grounds	6/1/2014	CO				
6.c - Turf and landscape management - due 8/21/2014	Identify which of the high-priority facilities have a high potential of discharging pollutants based on the criteria provided in the permit. Develop SWPPPs for required facilities Implement SWPPPs - due 8/21/2017 Develop Nutrient Management Plans (NMPs). Implement NMPs - due 8/21/2018	Review high-priority facilities with DJJ maintenance and grounds department heads to identify which meet the permit criteria. SWPPPs shall provide criteria listed in permit, as a minimum. Implement SWPPPs Identify applicable areas: contiguous areas greater than one acre where nutrients are applied. Develop NMPs for all applicable areas, if any. Implement NMPs	Hold workshop with DJJ maintenance and grounds SWPPPs prepared for any required high-priority facilities. Implement SWPPPs Sketch developed showing areas where nutrients are applied Contract with outside consultant to develop NMPs Implement NMPs	6/1/2014 6/1/2016 6/1/2014 6/1/2017	CO CO CO CO				

Minimum Control Measure No. 6: Pollution Prevention/Good Housekeeping for Facility Operations

Permit Requirements	Proposed BMP	Elements of BMP	Measurable Goals	Preliminary Implementation Schedule	Preliminary Responsible Department	Progress on Achieving BMP Measurable Goals	Items Included in Annual Report	Planned Activities for Next Year	DEQ Comments
6.d - Training - due 8/21/2014	Conduct annual training for employees	Review existing training programs against permit requirements.	Hold workshop with DJJ maintenance and grounds	6/1/2014	CO				
6.e - Oversight procedures	Require that contractors use appropriate control measures and procedures for stormwater discharges to the MS4 system.	Determine if there any contractors for which this would apply	Hold workshop with DJJ maintenance and grounds	6/1/2014	CO				
6. f-g MS4 Program Plan documentation and annual reporting - first report due 10/1/2014	Document results of workshop and commitments to further action	Prepare documentation to be included in annual report	Documentation prepared	9/1/2014	CO				

CO - Capital Outlay Unit of DJJ Administration & Finance Division

BMP Name	BMP Type	Location	HUC (6th Order)	Impaired Water (if Applicable)	Number of Acres Treated
BMP 1	Detention, quantity only	Approximately 70 feet north of Chatsworth Ave, directly across from Medium Security Facility			10.8 Ac total, 4.0 Ac impervious
BMP 2	Detention for quality & quantity	Approximately 160 feet north of Chatsworth Ave, directly across from Keller Cottage			1.4 Ac total, 1.0 Ac impervious