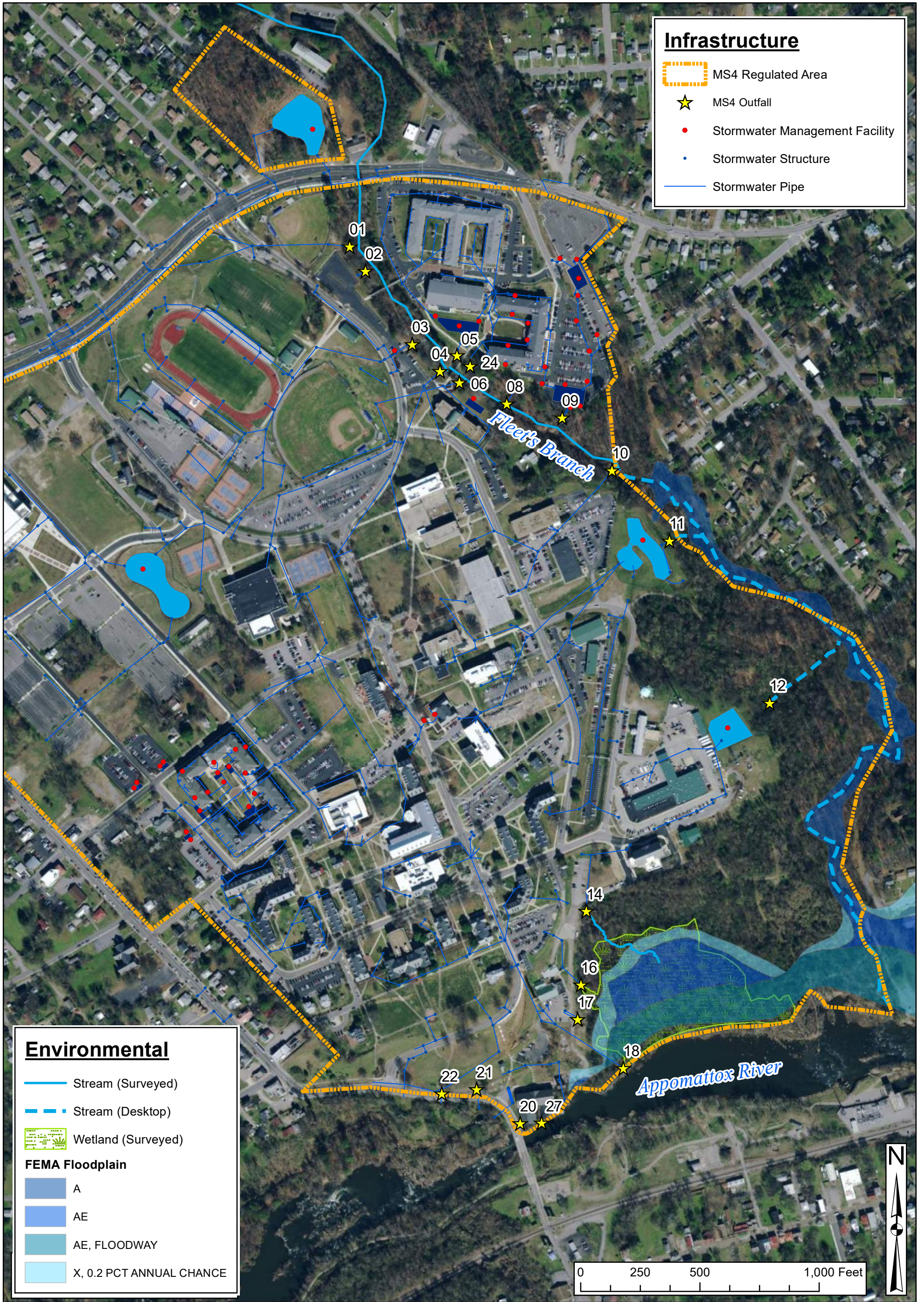


Appendix D



Infrastructure

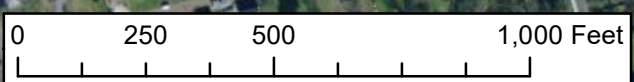
- MS4 Regulated Area
- MS4 Outfall
- Stormwater Management Facility
- Stormwater Structure
- Stormwater Pipe

Environmental

- Stream (Surveyed)
- Stream (Desktop)
- Wetland (Surveyed)

FEMA Floodplain

- A
- AE
- AE, FLOODWAY
- X, 0.2 PCT ANNUAL CHANCE



**MS4 Outfall Map
May 2019**



MS4 Outfalls

ID	Approximate Latitude	Approximate Longitude	Loaction Description	Estimated Acreage Served ¹	Name of Receiving Water	Receiving Water 6th Order HUC	Impaired? ²	Predominant Land Use ³	Chesapeake Bay TMDL?	Local TMDL?
01	37.242907	-77.419705	East Side of Fleets Branch Near Gateway	10.1	Fleets Branch	JA40	No	NA	Yes	No
02	37.242623	-77.419479	East Side of Fleets Branch Near Gateway	0.7	Fleets Branch	JA40	No	NA	Yes	No
03	37.241771	-77.418821	East Side of Fleets Branch Near Gateway	56.9	Fleets Branch	JA40	No	NA	Yes	No
04	37.241458	-77.418425	East Side of Fleets Branch Behinf Wilder Bldg.	51.9	Fleets Branch	JA40	No	NA	Yes	No
05	37.241708	-77.418126	Gateway Retention Basin III	7.1	Fleets Branch	JA40	No	NA	Yes	No
06	37.241325	-77.418149	East Side of Fleets Branch Behinf Wilder Bldg.	4.3	Fleets Branch	JA40	No	NA	Yes	No
08	37.241077	-77.417469	East Side of Fleets Branch Behind Wilder Bldg.	0.1	Fleets Branch	JA40	No	NA	Yes	No
09	37.240907	-77.416672	Gateway II Parking Lot	5.5	Fleets Branch	JA40	No	NA	Yes	No
10	37.240295	-77.415961	East of Fleets Branch Behind Alumni Foundation	7.0	Fleets Branch	JA40	No	NA	Yes	No
11	37.239475	-77.415147	ROTC BMP	22.2	Fleets Branch	JA40	No	NA	Yes	No
12	37.237369	-77.414102	Physical Plant BMP	5.6	Fleets Branch	JA40	No	NA	Yes	No
14	37.235221	-77.416406	East of Heating Plant	1.7	Appomattox River	JA40	Yes	Academic	Yes	E. coli
16	37.234375	-77.416496	East of Heating Plant	2.3	Appomattox River	JA40	Yes	Academic	Yes	E. coli
17	37.233979	-77.416547	East of Heating Plant	0.8	Appomattox River	JA40	Yes	Academic	Yes	E. coli
18	37.233408	-77.415901	Southernmoast Side of Campus Near Simms Hall	8.8	Appomattox River	JA40	Yes	Academic	Yes	E. coli
20	37.232856	-77.417759	Southernmoast Side of Campus Near Simms Hall	0.3	Appomattox River	JA40	Yes	Academic	Yes	E. coli
21	37.233184	-77.418018	Southernmoast Side of Campus Near Simms Hall	0.7	Appomattox River	JA40	Yes	Academic	Yes	E. coli
22	37.233142	-77.418520	Southernmoast Side of Campus Near Simms Hall	0.7	Appomattox River	JA40	Yes	Academic	Yes	E. coli
24	37.241605	-77.417983	Southwest of Gateway II Building	1.8	Fleets Branch	JA40	No	NA	Yes	No
25	37.243915	-77.420115	East River Road Extended Detention Basin	5.4	Fleets Branch	JA40	No	NA	Yes	No
27	37.232786	-77.417176	Appomattox River Overlook	0.7	Appomattox River	JA40	Yes	Academic	Yes	E. coli

Notes

- 1 - Only inclues area within VSU's MS4 regulated area.
- 2 - Based on the Virginia 2016 205(b)/303(d) Water Quality Assessment Integated Report
- 3 - Land use only added for outfalls discharging to impaired waters



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID:	Date and Time:	Inspector:

LAST RAINFALL		
Depth (in):	End Date:	Approx. End Time:
Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university		

FLOW			
Present?		If yes:	Approx. Discharge Rate:
			Approx. Depth of Flow (in):

POTENTIAL POLLUTANT INDICATORS							
Indicator	Present? (Y/N)	Description (Circle Applicable)			Relative Severity Index (1-3) (Circle Applicable)		
Odor		Sewage	Sulfide	Rancid/sour	1-Faint	2-Easily Detected	3- Noticeable from a Distance
		Petroleum	Other:				
Turbidity		See severity index			1-Slight cloudiness	2-Cloudy	3- Opaque
Floatables		Sewage	Suds	Other:	1- Few/slight, origin not obvious	2-Some, possible suds, oil sheen, etc	3- Some, obvious suds, sheen, or sewage debris
		Petroleum (sheen)					
		Corrosion					
Deposits/Stains		Oily	Flow Line	Other:	1-Faint	2-Easily Detected	3- Noticeable from a Distance
		Paint					
Poor Pool Quality		Odors	Excessive Algae	Other:	1-Faint	2-Easily Detected	3- Noticeable from a Distance
		Colors	Floatables				
		Suds	Oil Sheen				
Pipe Benthic Growth		Brown	Orange	Other:	1-Faint	2-Easily Detected	3- Noticeable from a Distance
		Green					

MAINTENANCE					
Issue	Present? (Y/N)	Relative Severity Index (1-3) (Circle Applicable)			Notes
Sediment		1-Faint	2-Easily Detected	3- Noticeable from a Distance	
Trash		1-Faint	2-Easily Detected	3- Noticeable from a Distance	
Erosion		1-Faint	2-Easily Detected	3- Noticeable from a Distance	
Physical Damage		1-Faint	2-Easily Detected	3- Noticeable from a Distance	
Vegetation		1-Faint	2-Easily Detected	3- Noticeable from a Distance	



ACTIONS	
<input type="checkbox"/>	An illicit discharge is not suspected at this location.
<input type="checkbox"/>	An illicit discharge is suspected at this location but the source of the discharge cannot be found. A minimum of three (3) separate follow-up investigations is required to attempt to identify the source of the discharge within a 6-month period. The <i>Illicit Discharge Investigation Form</i> should be filled out.
<input type="checkbox"/>	An illicit discharge was observed and the source of the discharge has been determined. Capital Outlay & Facilities has been contacted immediately at (804) 524-5451. If the source of the discharge is a spill or release of hazardous material, VSU Facilities shall be called to respond to the situation and employ appropriate spill response measures. The <i>Illicit Discharge Investigation Form</i> should be filled out.
NOTES:	



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID:	Date and Time:	Inspector:

VICINITY MAP/DESCRIPTION

PHOTOGRAPHS



**Virginia State University
 Illicit Discharge Investigation Form**

Responder Information			
Response Number:	1	2	3
Responder: _____		Response Date: _____	
Response Time: _____		Precipitation (in.) in the past 24-48 hrs.: _____	
Reporter Information			
Incident Time: _____		Incident Date: _____	
Caller Contact Information (optional): _____			
Incident Location			
Address or Outfall ID#: _____			
Closest Street Access: _____			
Nearby Landmark: _____			
Primary Location Description		Secondary Location Description	
<input type="checkbox"/> Stream Corridor (In or adjacent to stream)	<input type="checkbox"/> Outfall	<input type="checkbox"/> In-stream Flow	<input type="checkbox"/> Along Banks
<input type="checkbox"/> Upland Area (Land not adjacent to stream)	<input type="checkbox"/> Near Storm Drain	<input type="checkbox"/> Near Other Water Source (stormwater pond, wetland, etc.)	
Narrative Description of Location: _____			
Upland Problem Indicator Description			
<input type="checkbox"/> Dumping	<input type="checkbox"/> Oil/Solvents/Chemicals	<input type="checkbox"/> Sewage	
<input type="checkbox"/> Wash water, Suds, etc.	<input type="checkbox"/> Other: _____		
Stream Corridor Problem Indicator Description			
Odor	<input type="checkbox"/> None	<input type="checkbox"/> Sewage	<input type="checkbox"/> Rancid/Sour
	<input type="checkbox"/> Sulfide; Natural Gas	<input type="checkbox"/> Other: Describe in Narrative Section	
Appearance	<input type="checkbox"/> Normal	<input type="checkbox"/> Oil Sheen	<input type="checkbox"/> Cloudy
	<input type="checkbox"/> Other: Describe in Narrative Section		
Floatables	<input type="checkbox"/> None	<input type="checkbox"/> Sewage	<input type="checkbox"/> Algae
	<input type="checkbox"/> Other: Describe in Narrative Section		
Narrative Description of Problem Indicators: _____			



Capital Outlay Facilities
PO Box 9414
Virginia State University, VA 23806
Phone: (804)524-3971
Fax: (804)524-5383

Suspected Violator (Name, personal or vehicle description, license plate #, address, etc.):

Description of Necessary Actions:

Next Inspection Required by:



VIRGINIA STATE UNIVERSITY

POST OFFICE BOX 9414
PETERSBURG, VIRGINIA 23806

Capital Outlay

Phone (804) 504-7500

Fax (804) 524-5383

September 10, 2014

Virginia Department of Transportation
c/o Roy T. Mills, State Stormwater Program Administrator
1401 E. Broad Street
Richmond, VA 23219

Subject: MS4 Permit; Notice of Potential Interconnected Stormwater Systems

Attention: MS4 Permit Manager

Virginia State University (VSU) is a Phase II small MS4 and is covered under the Virginia Stormwater Management Program (VSMP) General Permit for Discharges of Stormwater from Small Municipal Separate Storm Sewer System (Registration Number VAR040119).

The purpose of this letter is to notify you of the potential for interconnections between the stormwater systems operated by VSU and the stormwater systems that you operate. The MS4 permit requires that VSU notify in writing, any downstream regulated MS4 to which VSU is physically interconnected. There is no action required on your part at this time, as this letter is for notification purposes only.

If you have questions or desire additional information related to this subject, please contact me at 804-504-7500 or jataylor@vsu.edu.

Sincerely,

Jonathan Taylor
MS4 Program Administrator
Virginia State University