1 Tennis Complex

Based on the construction drawings, the basin the east of the Law School was designed for quantity control only. The BMP is currently in good condition with no immediate maintenance needs.
2 Law School

Based on the construction drawings, the basin the east of the Law School was designed for quantity control only. As part of the previous stormwater master plan it was modified to provide pollutant removal as part of the overall quality credits. The BMP needs to have sediment removed as part of routine maintenance.
3 & 4 Sorority Courts

As part of the construction of drainage improvements to the parking lot, a small bioretention area and small infiltration cell were provided.
5 Facilities Management – Parking Lot

The basin in the Facilities Management area of campus appears to have been designed for quantity control only. The extent of the flow attenuation is unknown, but appears to be minimal given the drainage area and large size of the outlet orifice. The BMP is currently in good condition with no immediate maintenance needs.
6 Wildflower Refuge

The Wildflower Refuge BMP was constructed in the stream branch running through campus in the 1980s, presumably for flood control. As part of the previous Stormwater Master Plan, in 2006, it was modified to increase the detention time to allow it to act a water quality measure. There are several feet of sediment which requires removal as part of required maintenance.
7 Laycock Practice Facility

When the Laycock Practice Facility was constructed in 2004, it included two infiltration trenches to provide quality and quantity compliance. In 2010 these BMPs were modified to correct operational issues. The condition of the BMP could not be verified.
8 Small Hall

As part of the project to construct an addition to Small Hall, a small bioretention filter was provided for water quality compliance. Unlike other bioretention areas, this BMP was designed with grass as the vegetative cover instead of tree and shrubs with a mulch ground cover. The BMP is currently in good condition with no immediate maintenance needs.
9 Health Center Pond

The Health Center BMP was originally design for quantity control only. As part of the previous stormwater master plan it was modified to provide additional detention and a corresponding quality benefit. The BMP tends to accumulate sediment rapidly; it has had major sediment removal twice since 2006. The BMP is currently in good condition with no immediate maintenance needs.
10 & 12 New Fraternity Housing

The Fraternity Housing project provided 7 bioretention cells as part of compliance measures. The cells receive drainage from roofs, patios, and sidewalks. The BMPs are currently in good condition with no immediate maintenance needs.
11 Parking Deck

The Parking Deck BMP consists of an underground DC sand filter in a concrete vault with an oil/water separator pretreatment manhole immediately upstream. This bmp is for water quality compliance only. There is a second underground concrete vault to provide quantity control.
13 Yates Parking Lot

Two Filterra units were provided to provide water quality compliance as part of the parking lot project. The BMPs need to have sediment removed as part of routine maintenance.
As part of the construction of the parking lot near William & Mary Hall, an underground detention system was constructed to attenuate peak quantity flows. The system also includes two Filterra units to provide both pretreatment to the underground detention and water quality for the project. The BMPs need to have sediment removed as part of routine maintenance.
15 SOE - SE

The dry detention basin at the south-east corner of the School of Education was constructed as part of the Williamsburg Community Hospital as a quantity only BMP. As part of the School of Education project it was enlarged to provide additional quantity control. The BMP is currently in good condition with no immediate maintenance needs.

This BMP receives the drainage from a large developed off-site private property across Mt. Vernon Avenue. The City of Williamsburg has indicated that the College is responsible for all BMP maintenance as part of the BMP maintenance agreement that conveyed with the property.
16 Recreation Center

Project quality compliance for the Commons Dining addition and the Recreation Center addition was provided by an Austin sand filter located behind the Recreation Center. The BMP also includes a pretreatment basin upstream of the Austin Sand Filter. The BMP is currently in good condition with no immediate maintenance needs.
17 & 18 SOE – Helipad

When the helipad associated with the former Williamsburg Community Hospital was converted to additional parking by the College, permeable concrete pavement and a bioretention area were installed. While the permeable pavement appears to be functioning properly, the bioretention area holds water for extended periods after rainfall events.
19 SOE - NW

The dry detention basin at the north-west corner of the School of Education was constructed as part of the Williamsburg Community Hospital as a quantity only BMP. As part of the School of Education project it was enlarged to provide additional quantity control. The BMP is currently in good condition with no immediate maintenance needs.
20 Plumeri Park

The basin near Ironbound Road was designed for quantity control only. The BMP is currently in good condition with no immediate maintenance needs.
21 Dillard Library Storage Pond

Originally constructed as a dry detention basin as part of the construction of the Library Annex, this basin was modified to an infiltration basin to provide stormwater compliance for the Martin Family Stadium project. This BMP has appeared to fail. It retains several feet of water for days after rain events.