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| **From:** | Nick DiPasquale | |
| **To:** | Chesapeake Bay Program Federal Office Directors | |
| **Subject:** | 2016 Data Request for Federal Facilities in Support of Jurisdiction Watershed Implementation Plans | |

Dear Federal Office Directors,

Our federal facilities are important contributors to reducing pollutants to achieve the goals set out in the Chesapeake Bay jurisdictions' Watershed Implementation Plans under the Bay TMDL.  I am requesting your support in compiling and submitting information related to your agency's facilities in the watershed.  This year's data call includes three categories of needed information as described below.

**Category 1 – 2016 Best Management Practice (BMP) Implementation Progress**

Please provide information on any BMP implementation that occurred during the period from **July 1, 2015 through June 30, 2016.** The information should be provided to the jurisdictions' contacts **by August 31, 2016** in the jurisdiction-specific spreadsheet formats that are attached (see table below). If no new BMP implementation occurred during the time frame, please communicate that to the jurisdictions.

The spreadsheets contain data fields used in the National Environmental Information Exchange Network (NEIEN), which the jurisdictions will utilize for reporting all BMPs. These templates were provided by the jurisdictions for this year's reporting. Please work directly with the jurisdiction contacts to ensure you are providing all needed information.

A list of currently approved BMPs and other BMP and land use-related documentation is available on the CAST/MAST/VAST/BayFAST website located at: http://www.casttool.org/Documentation.aspx.  Any questions about the reference documentation can be submitted to Matt Johnston (410-267-5707, mjohnston@chesapeakebay.net).

**Category 2 – Historical BMP Data**

Please also use the attached jurisdiction-specific spreadsheets to report any implementation that occurred between **July 1, 1984 and June 30, 2015**. This information will be used to help establish historic BMP implementation levels in the next version of the Chesapeake Bay Program (CBP) Watershed Model.

Please provide this information along with the 2016 implementation data in the format described below to your jurisdiction's contact **by August 31, 2016**.

**Contacts and Instructions for Data Submission**

| Jurisdiction Contact Information | 2016 BMP Implementation Progress | Historical BMP |
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| **District of Columbia** Marty Hurd  202-299-3344 | Use the attached file **Federal Facilities Reporting Data Template DC_11172015.xlsx** for progress reporting. | Use the attached file **DC_ FederalFacilityBMP_History.0720201 6.xlsx** to provide historical data.  The file reflects information contained in |

| | | the District's Stormwater BMP database. Add rows for missing BMPs, identifying the relevant facilities. Use the column labeled "Updates/Comments" to indicate BMPs that have been updated or should be removed (do not delete rows). |
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| **Maryland**<br>Deborah Cappuccitti<br>deborah.cappuccitti@maryland.gov<br>410-537-3543<br>cc: Greg Sandi<br>gregorio.sandi@maryland.gov | Use the attached file **MDAnnualProgress.xlsx** to provide both progress and historical data. The template has not changed from the 2015 progress and historic submission, please provide data in that same format. Information collected for this effort will be useful in future Phase II MS4 annual reports, which will utilize MDE's new Urban BMP database. | |
| **New York**<br>Ben Sears<br>brsears@gw.dec.state.ny.us<br>518-402-8268 | Use the attached file **NYUrbanBMPTemplate.xlsx** to provide both progress and historical data. | |
| **Pennsylvania**<br>Ted Tesler<br>thtesler@state.pa.us<br>717-772-4785 | Use the attached file **PAUrbanBMPTemplate.xlsx** to provide both progress and historical data. | |
| **Virginia**<br>**Bill Keeling**<br>william.keeling@deq.virginia.gov<br>804-698-4342 | Establish credentials and use the VaDEQ BMP Warehouse application http://apps.deq.virginia.gov/BMP/ Download the template and upload to the system when complete. | Use the attached file **VAUrbanBMPTemplate.xlsx** to submit historical data if submitting for the first time or submit new or changed data only if the agency previously submitted historical data to VaDEQ. |
| **West Virginia**<br>alana.c.hartman@wv.gov<br>(304) 822-7266 x3623 | Use the attached file **WVUrbanBMPTemplate.xlsx** to provide both progress and historical data. | |

### Category 3 – Land Use/Land Cover Data

A revision of the federal lands data layer is needed to better represent the federal footprint in the Chesapeake watershed and to allow for more accurate and effective tracking of progress in meeting federal facility pollution reduction targets. CBP staff and the Federal Facilities Workgroup have determined that the most efficient way to complete the revision is to rely mostly on new high-resolution imagery being used to classify land use/land cover (LU/LC) across the watershed; however, there are limitations in the imagery processing software's ability to differentiate between the subcategories of low vegetation, which are turf grass, mixed open, cropland, and pasture/hay land uses.

In order to assure the most accurate land use data for federal facilities, CBP has developed an online tool to allow federal partners the opportunity to provide estimated percentages of turf grass, mixed open, cropland and pasture/hay land uses for their facilities. Detailed definitions for these land use classes are included below. I am asking that federal agencies provide this information **by September 23, 2016** using the Federal Facility Editor Tool (available August 12 at http://gis.chesapeakebay.net/fedfacs). The tool overlays facility boundaries on satellite imagery to help agencies estimate the percentages of turf grass, open space, cropland, and pasture land on each facility. The default assumption for any facilities without data entered by federal partners will be that areas classified as low vegetation are 65% turf grass and 35% mixed open land uses. Please direct questions to Andy Fitch at USGS (afitch@chesapeakebay.net, 410-267-9835).

*Low Vegetation LU/LC Subcategories - Names, Codes and Definitions*

> *Turf Grass (TG)* - Herbaceous and barren lands that have been altered through compaction, removal of organic material, and/or fertilization. These include all herbaceous and barren lands within road right-of-ways and residential, commercial, recreational, and other turf-dominated land uses (e.g., cemeteries, shopping centers) and a portion of herbaceous and barren lands within federal facilities, parks, institutional campuses, and large developed parcels.

> *Mixed Open (MO)* – All scrub-shrub and herbaceous and barren lands that have been minimally disturbed (e.g., periodically bush hogged, meadows, etc.), reclaimed, or that have internal and/or regulated drainage. These include active, abandoned and reclaimed mines, landfills, beaches, waterbody margins, natural grasslands, utility right-of-ways and a portion of herbaceous lands within industrial, transitional (early stages of construction), and warehousing land uses. Also included are potential agricultural lands that were not mapped as either cropland or pasture in the NASS Cropland Data Layers (2008 through 2015).

> *Cropland (CRP)* - Herbaceous and barren lands that are not classed as turf grass or mixed open. The portion of such lands that are crops is determined by the frequency at which the lands are classified as crops in the NASS Cropland Data Layers (2008 through 2015).

> *Pasture/Hay (PAS)* - Herbaceous and barren lands that are not classed as turf grass or mixed open. The portion of such lands that are pasture/hay is determined by the frequency at which the lands are classified as pasture/hay in the NASS Cropland Data Layers (2008 through 2015).

I appreciate all that your agencies do to contribute to the restoration and protection of the Chesapeake Bay. Providing the requested information will allow us to demonstrate that the federal government is doing its share of the work needed to achieve the nutrient and sediment TMDL. If you have questions, please contact the Federal Facilities Workgroup Coordinator Greg Allen at 410-267-5746 or allen.greg@epa.gov.

Cc: Chesapeake Bay Program Federal Facilities Workgroup members