

**DISTRICT OF COLUMBIA 2016-17 PROGRAMMATIC MILESTONES**  
**FINAL UPDATES: Due January 2018**

<b>Target Date</b>	<b>Milestone</b>	<b>Comments/ Status Updates</b> <b>Agency:DOEE unless otherwise stated</b>
<b>Non-Point Source Pollution Reduction Actions-GI Practices &amp; Other</b>		
12/31/2017	RiverSmart Rewards (stormwater fee discount program) implement auto-enrollment for all RiverSmart incentive program participants.	Ongoing; DOEE enrolled 379 participants of its RiverSmart incentive programs in RiverSmart Rewards through an auto-enrollment process. This process incentivized the installation of 728 best management practices (BMP).
2017	Conduct and track DDOT impervious surface retrofits.	Ongoing; DOEE tracks the District Department of Transportation's (DDOT) impervious surface retrofits through its Stormwater Database. These retrofits are submitted to EPA through the District's NEIEN submission.
12/31/2017	Support Green Roofs installation through direct investment & subsidies.	Ongoing; in calendar years 2016 & 2017 DOEE provided \$163,952 in green roof rebate subsidies for a total of 22,877 square feet of green rooftop.
12/31/2017	Report Homeowner BMP implementation through NEIEN using protocol proposed and approved by the Watershed Technical Workgroup.	Ongoing; the District submits homeowner BMPs through NEIEN submission. DOEE is making upgrades to its tracking system to make this process more automated.
2017	Increase urban tree canopy coverage to 40% by 2032.	Ongoing; in FY2017 over 12,000 trees were planted in the District. The District is undergoing analysis of new canopy data and a report of the new data will be available in FY2018.
12/31/2017	Work with federal agencies to acquire and report BMP implementation information (as outlined in the federal stormwater memorandum of understanding (MOU))	Ongoing; federal agencies report data to DOEE which is then submitted through NEIEN.
9/30/16	New RiverSmart Homes Auditing & Tracking Tool	Completed. The new tool has been developed and is in use. RiverSmart Homes data have been migrated into the District's BMP tracking database.
9/30/16	New RiverSmart Homes & Communities Outreach Materials	Completed. New materials have been developed, printed, and are being distributed.
9/30/16	Develop & Implement RiverSmart Social Media Platform	Ongoing. DOEE has launched the website within the agency for beta testing and will make it available to the public when the testing is complete.
9/30/17	Develop & Distribute homeowner signage for RiverSmart Homes	Ongoing. DOEE has purchased 500-yard signs and is in the process of distributing them to property owners.

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9/30/16	Develop a system to track outreach to public	Completed. DOEE has developed and implemented an outreach tracking system.
9/30/17	Perform 2 environmental assessments (EA) for outfall repairs and stream restoration on National Parkland.	Ongoing; DOEE is currently working on EAs for two outfalls on Stickfoot Branch four outfalls in Fort Dupont, and twelve outfalls in Pinehurst Branch. The Fort Dupont EA was completed in November, and the Pinehurst Branch EA will be completed in June 2018. Additionally, DOEE is contracting for blanket EAs for outfalls in Rock Creek Park and National Capital Parks East.
<b>Non-Point Source Pollution Reduction Actions – Stream and Wetland Restoration</b>		
12/31/2017	Stream Restorations - Install 3 first-order stream restoration projects (Alger Park, Nash Run and Springhouse Run).	Completed. DOEE has concluded the Alger Park, Pope Branch, Springhouse Run, and Nash Run Stream Restoration projects; Spring Valley restoration will be completed in FY19; restoration designs for Pinehurst Branch, Stickfoot Branch, and Ft. Dupont tributary will be completed by the end of FY19
<b>MS4, Non-Point Source Pollution Reduction Actions – Other</b>		
12/31/2017	Ensure District facilities are in compliance with the new 2015 MSGP (Multi-Sector General Permit). This includes ensuring facilities understand and meet monitoring, recordkeeping, and other ongoing requirements of the MSGP.	Ongoing; two District facilities have obtained coverage under the multi-sector general permit (MSGP), 6 facilities have started the application process, and the remaining District facilities are currently preparing to submit for coverage. During 2016 and 2017 DOEE conducted roughly 14 meetings to sister agencies to assist them with MSGP compliance, and developed three handouts with information on permit requirements and steps for obtaining coverage.
12/31/2017	Provide employee training of relevant personnel at District facilities that need coverage under the MSGP. These trainings will review the impact of stormwater runoff and pollution, facility SWPPPs, and location and maintenance of on-site controls. Specialty Trainings for District Employees, will include: <ul style="list-style-type: none"> <li>• Stormwater pollution prevention and spill response training at District facilities needing MSGP coverage.</li> <li>• Pollution Prevention for facility</li> </ul>	Ongoing; in 2016 DOEE hosted 35 official trainings that reached roughly 570 District employees, including DDOT, Department of Public Works (DPW), DOEE, Office of the State Superintendent of Education (OSSE), and DC Water. P2 has been incorporated into snow plow operator training, with 5 such trainings provided in 2016 prior to the 2016-2017 snow season and 10 provided in 2017 prior to the 2017-2018 snow season. DOEE developed guides facility maintenance and to understand which stormwater permitting requirements apply to a facility.

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	<p>maintenance and landscaping at District facilities</p> <ul style="list-style-type: none"> <li>Incorporate presentations on stormwater pollution prevention into annual training for snow plow operators.</li> </ul>	<p>In addition, DOEE hosted 6 illicit discharge detection and elimination trainings for 300 young adults in DOEE's Green Zone Environmental Program for young adults.</p> <p>DOEE conducted 7 stormwater pollution prevention plans (SWPPP) trainings at District facilities that need MSGP coverage, including all OSSE School Bus Terminals and DPW Solid Waste Management Administration facilities.</p> <p>DOEE met with four facilities that require MSGP coverage and develop a plan to ensure vehicle washing was done in compliance with stormwater regulations.</p>
12/31/2017	<p>Create a stormwater management application to assist District employees in capturing and tracking pollution prevention activities. The result will be a customizable tool, a web-enabled application linked to an online database of site-specific information on the design, location, and maintenance of structural stormwater best management practices (BMPs) and compliance non-structural "good housekeeping" BMPs. The information gathered in the database will be used in the development, implementation, and revision of facility stormwater pollution prevention plans.</p>	<p>Ongoing; DOEE and DGS worked to develop an outline for the P2 Database (pollution prevention application). After a delay in finalizing a MOU between the agencies, DGS and DOEE are now reinitiating efforts to develop the P2 Database.</p>
2016	<p>DOEE will apply to EPA Region 3 to renew the District's MS4 permit.</p>	<p>Completed. The application was submitted to EPA on 4/6/2016.</p>
2016	<p>DOEE submitted a draft final Quality Assurance Project Plan to CBPO in November 2015. DOEE will revise and update the QAPP as needed based on verification panel feedback and additional information available for new or emerging BMPs.</p>	<p>Completed. Updates of the QAPP will occur on an ongoing basis as CBPO changes reporting requirements.</p>
2016	<p>DOEE has committed to revise and clean up the District's historic record of BMP implementation to aid in the recalibration of the revised CBPO watershed model. The first revision was submitted in October 2015. DOEE will</p>	<p>Completed. DOEE's 2016 NEIEN submission includes the revision and cleanup of the District's historic record of BMP implementation. As DOEE completes verification of existing BMPs it will update its NEIEN submission accordingly.</p>

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	revise and update the submission as needed based on CBPO feedback and validation reports.	
2016	DOEE will perform a one-time BMP verification effort to update inspection and maintenance records and populate DOEE's new stormwater database.	Ongoing; DOEE's contractor continues to update inspection and maintenance records and to populate the stormwater database.
12/31/17	DOEE published the draft Consolidated TMDL IP for public comment in 2015. DOEE is developing a response to comments and revised TMDL IP, and will implement the TMDL IP upon EPA approval.	Completed. DOEE updated the Consolidated TMDL IP in response to EPA and stakeholder comments, and anticipates that relevant numeric and programmatic milestones from the plan will be incorporated into the District's next MS4 permit
12/31/17	DOEE published the draft MS4 Revised Monitoring Plan for public comment in 2015. DOEE will implement the MS4 Revised Monitoring Plan upon EPA approval.	Completed. DOEE has begun necessary planning to implement the Revised Monitoring Plan, and expects full implementation to commence under the next MS4 permit
1/1/2017	Roll out regulations related to the use of compostable or recyclable food packaging products to all entities which serve food or drinks within the District of Columbia. These regulations went into effect on 1/1/ 2017 and are directly tied to the <u>Mayor's List of Recyclables and Compostables</u> . Requirements of this regulation can be found at <a href="http://doee.dc.gov/foodpackaging">doee.dc.gov/foodpackaging</a> . Regulated entities have 90 days from the initial date of implementation to switch to compliant products. Foamed polystyrene products remain illegal to distribute for commercial applications within the District of Columbia.	Completed. Regulations for 2017 recyclable and compostable requirements finalized 2/3/17. Enforcement will begin January 1, 2018 after a comprehensive outreach campaign to the regulated community on new requirements, including mailers, phone calls, emails, and door-to-door visits. DOEE is working closely with DPW on outreach materials and strategy.
<b>Dry Weather Monitoring and Illicit Discharge Detection and Elimination</b>		
12/31/2017	Inspect all District of Columbia Municipal Separate Storm Sewer System (MS4) outfalls once within the MS4 5-year permit cycle.	Ongoing; each MS4 outfall is inspected at least once during each 5-year permit cycle.

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12/31/2017	Investigate all reported illicit discharges, spills, or releases to the MS4 or District Waters within 5 business days.	Ongoing; currently all reported illicit discharges, spills and/or releases are investigated within 5 business days.
12/31/2017	Reduce or eliminate illicit connections and illicit discharges for the protection of water quality through outreach and education, compliance assistance and/or formal enforcement actions.	Ongoing; DOEE continues active and aggressive investigation of illicit connections to the MS4 and District Waters.
12/31/2017	Conduct a long term strategic investigation to identify, eliminate, and remediate pollution sources in the Hickey Run Sewershed to mitigate pollutant discharges to Hickey Run.	Ongoing; to date DOEE has conducted significant dry and wet weather sampling, completed a CCTV investigation of high priority storm sewer lines, and continues surveillance and monitoring of the outfall DOEE has secured a contactor to conduct further investigative tasks.
<b>Critical Source Inventory Database and Inspection</b>		
12/31/2017	Conduct an inspection of all industrial, commercial, institutional, municipal, and federal facilities deemed critical sources of stormwater pollution twice within the MS4 5-year permit cycle.	Ongoing; All facilities within the MS4 designated critical sources of stormwater pollution are inspected at least twice during the 5-year permit term.
12/31/2017	Conduct an inspection of facilities within the District covered by the National Pollution Discharge Elimination System (NPDES) MSGP according to the EPA-Approved NPDES Compliance Monitoring Strategy.	Ongoing; DOEE conducts inspections of facilities covered by the NPDES Industrial Stormwater MSGP each fiscal year according to the Compliance Monitoring Strategy submitted and approved by EPA.
12/31/2017	Assure compliance by all facilities deemed critical sources of stormwater pollution, including NPDES permitted facilities, for the protection of water quality through outreach and education, compliance assistance, and/or formal enforcement actions.	Ongoing; DOEE implements an aggressive inspection and enforcement program to ensure compliance with all District and federal statutes and regulations. Pollution Prevention program developing technical assistance and outreach for automotive repair shops, and providing compliance assistance to District facilities as discussed in "Pollution Reduction" section.
<b>Trash TMDL, Trash Removal &amp; Other</b>		
2017	Install storm drain markers ("no dumping" message).	Ongoing; with the aid of volunteers, DOEE marked 790 storm drains in FY2017.
12/31/2017	Implement the tools necessary to prevent and/or remove 103,188 pounds of trash and debris (per year) from District MS4 by 2016.	Completed. The application was submitted to EPA on April 6, 2016. .

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<b>Point Source Pollution Reduction Actions-DC Water milestones</b>				
1/1/2015	Began compliance with total nitrogen effluent limit.	Annual compliance began January 1, 2015	DC Water	Commissioning of the Enhanced Nitrogen Removal Facilities (ENRF) with over 40 million gallons of additional new reactors, an 890 MGD pump station, methanol storage and feed system, etc. was completed on schedule. DC Water is in compliance for both schedule and effluent discharge quality.
12/31/2015	A revision of the Clean Rivers Project Long Term Control Plan has been submitted to EPA for approval.	Amended Consent Decree	DC Water & EPA	The Amended Consent Decree (CD) was entered in United States District Court on January 14, 2016. DC Water is on schedule implementing both green and gray projects in accordance with the schedule in Amended Decree.
12/31/2015	EPA's permit review for Blue Plains will take into consideration CSO loads (particularly for phosphorus and sediment) to ensure they remain within caps established by the Chesapeake Bay TMDL.	Permit under development for Blue Plains	DC Water & EPA	DC Water submitted an application for the renewal of Blue Plains NPDES permit on March 27, 2015 which was 6 months prior to expiration in accordance with NPDES Permit regulations. EPA published a draft NPDES permit and fact sheet for public comments on September 1, 2017. The comment period has closed and EPA is in the process of issuing a revised permit

\* As part of the adaptive management process for achieving water quality goals, jurisdictions may submit programmatic milestones that modify, are in place of, or are in addition to milestones listed in their Phase I WIPs so long as the jurisdiction can demonstrate that they will be as effective toward meeting water quality goals.