

WASHINGTON, DC 2016-17 TWO-YEAR MILESTONES
Mid-Year Updates: January 2017

Target Date	Milestone	Comments/ Status Updates DOEE unless otherwise stated
Non-Point Source Pollution Reduction Actions-GI Practices & Other		
12/31/2017	RiverSmart Rewards (stormwater fee discount program) implement auto-enrollment for all RiverSmart incentive program participants.	This task is completed for RiverSmart Homes and auto-enrollment is ongoing. RiverSmart Rooftops and RiverSmart Communities are in the process of starting auto-enrollment and will begin in 2017.
2017	Conduct and track DDOT impervious surface retrofits.	Ongoing. DOEE tracks DDOT's impervious surface retrofits through its stormwater management 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 year 2016 DOEE provided green roof rebate subsidies for 22,425 square feet of rooftop and directly invested in green roofs on several District properties (5 schools, one police station and one fire station) covering 100,000 square feet of green roof.
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. It is making upgrades to its tracking system to make this process more automated. This will be completed in FY2017.
2017	Increase urban tree canopy coverage to 40% by 2032.	Ongoing. In FY2016 9,890 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 FY2017.
12/31/2017	Work with federal agencies to acquire and report BMP implementation information (as outlined in the federal stormwater MOU)	Ongoing. Federal agencies report data to DOEE which is then submitted through NEIEN.

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9/30/16	New RiverSmart Homes Auditing & Tracking Tool	The new tool has been completed and is currently undergoing testing before being fully implemented. It is expected full adoption will take place in February 2017.
9/30/16	New RiverSmart Homes & Communities Outreach Materials	Completed. New materials have been developed and printed.
9/30/16	Develop & Implement RiverSmart Social Media Platform	Ongoing. Due to staff losses this project is behind schedule and is expected to be launched by 9/30/17.
9/30/17	Develop & Distribute homeowner signage for RiverSmart Homes	Ongoing. District City Council has drafted legislation creating a separate program for green yards. DOEE is waiting to launch its signage until it has a clearer understanding of how the Council's bill will impact the RiverSmart Homes program.
9/30/16	Develop a system to track outreach to public	Ongoing. DOEE has hired staff to develop and implement an outreach plan.
9/30/17	Perform 2 environmental assessments for outfall repairs and stream restoration on National Parkland.	DOEE is currently working on environmental assessments for two outfalls on Stickfoot Branch and four outfalls in Fort Dupont. Additionally DOEE is contracting for blanket EAs for outfalls in Rock Creek Park and National Capital Parks East.
Non-Point Source Pollution Reduction Actions – Stream and Wetland Restoration		
12/31/ 2017	Stream Restorations - Install 3 first-order stream restoration projects (Alger Park, Nash Run and Springhouse Run); Ongoing.	Ongoing. Nash Run Stream restoration is complete as is Pope Branch stream restoration. Springhouse Run restoration is under construction and Alger Park is contracted with an anticipated start date of February 2017.
MS4, Non-Point Source Pollution Reduction Actions – Other		

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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. Seven District facilities have obtained coverage under the MSGP, the remaining District facilities are currently preparing to submit for coverage.
12/31/2017	<p>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:</p> <ul style="list-style-type: none"> • Stormwater pollution prevention and spill response training at District facilities needing MSGP coverage. • Pollution Prevention for facility maintenance and landscaping at District facilities • Incorporate presentations on stormwater pollution prevention into annual training for snow plow operators. 	<p>Ongoing. In 2016 DOEE hosted more than 12 official trainings that reached over 230 District employees, including DDOT, DPW, DOEE, and OSSE. P2 has been incorporated into snow plow operator training, with 6 such trainings provided in 2016 prior to the 2016-2017 snow season.</p> <p>A facility maintenance guide has been developed for DCPS custodians and DOEE is working on turning it into a poster and providing trainings to accompany them.</p> <p>In addition, DOEE hosted 6 trainings for DOEE’s Green Zone Environmental Program, which hires young adult for summer work and training in the environmental field. This included training on how to conduct illicit discharge detection and elimination. Training sessions reached an estimated 300 young adults, ages 14 to 24.</p> <p>A guide for yard work and</p>

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		lawn care professionals has been drafted and will be shared with District employees in 2017.
12/31/2017	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.	In progress: DOEE and DGS worked to develop an outline for the P2 Database (pollution prevention application). DOEE and DGS are finalizing a MOU to provide funding to develop the database.
2016	DOEE will submit an application to EPA Region 3 to renew the District’s MS4 permit.	Completed. The application was submitted to EPA on April 6, 2016.
2016	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 new information available for new or emerging BMPs.	Completed. Updates of the QAPP will occur on an ongoing basis as CBPO changes reporting requirements.
2016	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 revise	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.

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	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 has a contractor on board to perform this work and the work is ongoing.
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 January 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 doee.dc.gov/foodpackaging . 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. Program implementation ongoing, including compliance assistance and enforcement.
Dry Weather Monitoring and Illicit Discharge Detection and Elimination		
12/31/2017	Inspect all District of Columbia	Complete; All MS4 outfalls were

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	Municipal Separate Storm Sewer System (MS4) outfalls once within the MS4 5-year permit cycle.	inspected before the permit expiration date. Outfall inspections for the next permit term have begun.
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 visual surveillance of the outfall via mobile wildlife cameras.
Critical Source Inventory Database and Inspection		
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.	Complete; All facilities within the MS4 designated critical sources of stormwater pollution were inspected at least twice during the permit term. Inspections of critical source facilities for the next permit term have already begun.
12/31/2017	Conduct an inspection of facilities within the District covered by the National Pollution Discharge Elimination System (NPDES) Multi-Sector General Permit (MSGP) according to the EPA-Approved NPDES Compliance Monitoring Strategy.	Ongoing; DOEE conducts inspections of facilities covered by the NPDES Industrial Stormwater MSGP each FY 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	Ongoing; DOEE implements an aggressive inspection and enforcement program to ensure compliance with all District and federal statutes and regulations.

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	water quality through outreach and education, compliance assistance, and/or formal enforcement actions.	
Trash TMDL, Trash Removal & Other		
Completed. The application was submitted to EPA on April 6, 2016.	Completed. The application was submitted to EPA on April 6, 2016.	Completed. The application was submitted to EPA on April 6, 2016.
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Point Source Pollution Reduction Actions-DC Water milestones				
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, a 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 month prior to expiration in accordance with NPDES Permit regulations. DC Water has met with EPA several times regarding the reissuance and EPA is in the process of preparing a proposed permit and fact sheet for public notice.
* 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.				