

**District of Columbia
Mid-Year Update through December 2014**

January 1, 2014 – December 31, 2015 District of Columbia Programmatic Two-Year Milestones

Target Date	Milestone (WIP page reference)*	Deliverable	Lead Agency	Comments/Status Updates
Non-Point Source Pollution Reduction Actions – LID Practices				
12/31/2014	Production Deployment of Stormwater Management Plan Tracking Database	Tracking System	DDOE	Stormwater Database has completed design, build, and testing phases and is currently in use. DDOE is working with a vendor to develop additional functions that will improve users' experience with the database.
12/31/2015	RiverSmart Homes	275 rain gardens installed	DDOE	246 rain gardens installed through November 2014
12/31/2015	RiverSmart Homes	1,600 rain barrels installed	DDOE	565 rain barrels installed through November 2014
12/31/2015	RiverSmart Homes	1,400 shade trees planted	DDOE	956 shade trees planted through June 30, 2014
12/31/2015	RiverSmart Homes	SW audits conduct 2,000	DDOE	1117 stormwater audits performed through November 2014
12/31/2015	RiverSmart Homes	Porous pavers @ >30 homes	DDOE	29 permeable paver systems installed through November 2014
12/31/2015	RiverSmart Homes	300 bayscaping installed	DDOE	101 BayScapes installed through November 2014
12/31/2015	RiverSmart Schools	8 Schools Retrofitted with LID	DDOE	in 2014 (3) schools retrofitted with LID. Langdon Education Campus, Maury Elementary, & St. Columba's Nursery School. six (6) schools

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				planned in 2015
12/31/2015	RiverSmart Communities (cost-share program)	2 acres impervious retrofitted with LID	DDOE	Slightly (due to loss of staff) behind but expect to make target by 12/15
12/31/2015	RiverSmart Washington (Demonstration Project)	22 acres retrofitted with LID (to MEP)	DDOE	24.16 acres treated with LID through 12/31/2014
12/31/2015	Fertilizer education/outreach	Performed outreach activities asstd. w/Anacostia River Cleanup & Protection Fertilizer Act of 2012	DDOE	1,117 households received handouts regarding fertilizer use via RiverSmart Homes stormwater audits in FY 2014. Currently developing a regulation (out for public comment).
12/31/2015	Fertilizer education/outreach	Distribute fertilizer labels to some retailers	DDOE	Fertilizer Regulation currently pending; the proposed DDOE regulations governing IPM have not yet been published as final. The proposed IPM regulations in 20 DCMR 2215 were published as proposed rules in the DC Register on May 30, 2014. However, DDOE is waiting for final approval to publish them as final. More to follow when finalized in 2015.
12/31/2015	RiverSmart Rewards- Enhance tracking system with simplified application, which will only be available to properties with stormwater Best Management Practices	Riversmart Rewards online tracking	DDOE	DDOE's Stormwater Database includes applications for RiverSmart Rewards. DDOE had developed and used an initial database in FY14. The new system includes RiverSmart Rewards, as well as Stormwater Retention Credit (SRC)

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	(BMPs) that that manage less than 2,000 square feet of impervious surface. This application is meant to simplify the application process for less complicated and smaller BMPs. Currently, ratepayers are invited to use a Standard Application to apply to receive a discount. The Standard Application requires that applicants submit a Stormwater Management Plan or a site plan that accurately describes the BMPs on the property.	system enhanced with simplified application		trading and all aspects of plan review. The new system is more efficient, improves users' experience, and helps DDOE to include more properties in the program, due to the system's ability to track all projects going through plan review. RiverSmart Rewards and includes fields necessary to administer and track the Clean Rivers IAC Incentive Program.
12/31/2015	Conduct and track DDOT impervious surface retrofits (including such areas as, but not limited to: 11th Street Bridge, & DDOT paving removal rights of way).	500,000 Square Feet retrofitted	DDOT	234,912 sf retrofitted in 2014
12/31/2015	Other LID Demonstration Projects	4 projects funded	DDOE	on track (3 funded/complete: Tiffereth Israel, National Zoo, 19 th and L St. NW)
12/31/2014	Build Green Roofs	160,000 Square Feet	DDOE	The 2014 calendar year green roof square footage is 161,575 sf.
12/31/2015	Build Green Roofs	160,000 Square Feet	DDOE	On track
12/31/2015	Report Homeowner BMP implementation through NEIEN using protocol proposed and approved by the Watershed Technical Workgroup	NEIEN submission	DDOE	The following homeowner BMPs were reported through NEIEN for 2014 progress: <ul style="list-style-type: none"> • 102 rain garden installations

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				<ul style="list-style-type: none"> • 451 rain barrel installations • 13 porous paver installations • 467 trees planted
12/31/2015	Work with federal agencies to acquire and report BMP implementation information (as outlined in the federal stormwater MOU)	NEIEN submission of federal implementation records	Federal agencies & DDOE	DDOE acquired, confirmed, and submitted BMP implementation data from the following federal partners for the NEIEN 2014 progress submission: <ul style="list-style-type: none"> • US Air Force • US Department of Veterans Affairs • US Navy • US General Services Admin
Non-Point Source Pollution Reduction Actions – Stream and Wetland Restoration				
12/31/2015	Install 2 first-order stream restoration projects (Alger Park and Linnean Drive)	2 projects	DDOE	on track, one project complete (Linnean drive)
12/31/2015	Springhouse Run restoration	1,800 feet of stream & 2 acres wetland	DDOE	on track; will be complete by 12/15
12/31/2015	Broad Branch (Rock Creek) daylighting project	1,600 feet of stream daylighted	DDOE	nearly complete – done by 2/15
12/31/2015	Nash Run restoration	1,350 feet of stream & 1 acre wetland	DDOE	on track; will be complete by 12/15

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Non-Point Source Pollution Reduction Actions – Other				
12/31/2014	Increase urban tree canopy coverage by 5 percent (from 35% to 40%) in 25 years	4,150 trees	UFA (urban forestry admin)	8,796 trees planted in 2014 by UFA.
12/31/2015	Increase urban tree canopy coverage by 5 percent (from 35% to 40%) in 25 years	4,150 trees	UFA	app Approximately 10,000 trees to be planted by the end of FY 2015.
12/31/2015	Evaluation of pet waste education and outreach efforts & pet waste removal using methodology proposed by CWP	<i>Trial</i> of method to estimate volume of pet waste removed	DPR	Behind schedule; anticipate work in 2015.
Non-Point Source Pollution Reduction Actions – MS4 Permit Activities				
1/22/2014	Submit Retrofit Program for EPA review and approval and fully implement upon approval	Retrofit Plan	DDOE	Retrofit plan submitted
1/22/2014	Develop and implement operation and maintenance protocols and guidance for District-owned and operated on-site retention practices to include maintenance needs, inspection frequencies, estimated maintenance frequencies, and incorporate relevant information into tracking system	O&M Guidance Document	DDOE	Operation and maintenance protocols and guidance included in the new Stormwater Management Guidebook that was issued in July 2013, to assist in the implementation of the District's updated Stormwater Management Regulations.
1/22/	Revised Stormwater Management Plan (SWMP) for Public Notice	Revised Stormwater	DDOE	Under Development

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2015		Management Plan		
5/11/2015	Develop, public notice, and submit for EPA review and approval a consolidated TMDL Implementation Plan	TMDL IP	DDOE	Under Development
5/11/2015	Develop, public notice, and submit for EPA review and approval a revised monitoring program (fully implementable upon approval)	Revised Monitoring Program	DDOE	Under Development
Non-Point Source Pollution Reduction Actions – Stormwater Practices & Pollution Prevention				
5/11/2015	Inspect all Municipal Separate Storm Sewer System (MS4) outfalls once every five years	Outfall inspection database updated	DDOE	All MS4 outfalls shall be inspected by October 7, 2016, which is the expiration date of the District's 5 year MS4 permit term. From January 2014 through December 2014 175 outfalls were inspected and the database of outfalls is continually updated.
12/31/2015	Perform follow-up inspections of all facility types within the MS4 for compliance with good housekeeping measures outlined in the facility's inspection report as areas for improvement.	Inspection Records	DDOE	Follow up inspections were conducted for eleven (11) commercial, industrial, institutional, municipal, or federal facilities within the Districts MS4 area found to be out of compliance with good housekeeping measures.
12/31/2015	Inspect once every two years all known automotive repair shops, dry cleaners, car washes, maintenance facilities, and local and federal facilities deemed critical	Inspection Records	DDOE	All commercial, industrial, institutional, municipal, and federal facilities deemed critical sources within the Districts MS4 area shall be inspected twice by the expiration

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	sources.			date of the Districts MS4 permit. From January 2014 through December 2014- 145 facilities were inspected.
12/31/2015	Conduct a long term strategic investigation to identify, eliminate, and remediate pollution sources in the Hickey Run sewershed to mitigate oily discharges to Hickey Run.	Updates to TMDL IP	DDOE	From January 2014 through December 2014 DDOE WQD has continued to collect and compile historical information from within the sewershed. During this period the volume and frequency of discharge have increased significantly, and WQD has identified over a dozen incidents of illicit discharge to the outfall and watershed. In cooperation with DDOE's Emergency Response, the US Coast Guard and DDOE's Watershed Protection Division, WQD has responded to each of these incidents and assisted in the cleanup of the outfall and the installed BMP. WQD has been coordinating with District and federal agencies, including DDOT, DPW, DC Water, and the US Coast Guard to begin the detailed investigation of the storm sewer lines within the sewershed, to include the deployment of remote sensors and the collection of wet and dry weather flow samples. WQD is currently in the process of procuring a contractor to conduct inspections of these lines, which will include camera and visual inspection, infrared inspection to detect infiltrating groundwater, and potentially sonar and laser inspections to determine integrity and/or failures in the lines. WQD has also initiated site specific investigations of potentially responsible parties, which will assist in the identification of the potential source or sources.

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12/31/2015	Identify, inspect, and evaluate facilities within the MS4 requiring National Pollution Discharge Elimination System (NPDES) Multi-Sector General Permit (MSGP) coverage.	Inspection Records	DDOE	Four (4) Individually permitted NPDES facilities and six (6) NPDES MSGP facilities were inspected from January 2014 through December 2014. Additionally, approximately 25 other facilities not currently covered under a NPDES MSGP permit were identified for potential coverage.
12/31/2015	Inspect all illicit discharge complaints within 5 business days of receipt.	Inspection Records	DDOE	From January 2014 through December 2014, 55 spills, releases, and illicit discharges were responded to within 5 business days of receipt.
Trash TMDL and Trash Removal				
12/31/2015	Install 1,000 storm drain markers (“no dumping” message)	Education & Outreach	DDOE	52 storm drain markers were installed in 2014. DDOE had staff turnover on this project area. Staff will redouble their efforts in 2015 to achieve the marking goal.
12/31/2015	Implement the tools necessary to remove 86,000 pounds of trash and debris (per year) from District waterways by 2015.	trash Removal	DDOE	DC has met and surpassed this goal in 2014. On track for same in 2015
Point Source Pollution Reduction Actions				
7/1/2014	Complete construction of Enhanced Nutrient Removal (ENR) facilities at Blue Plains treatment plant	Place ENR into operation	DC Water	On schedule as of 5/7/2014 The indicated date of 7/1/2014 (actually 7/14/2014 in the permit) was revised by a minor permit modification on 10/12/2014. Compliance was achieved as the facility was placed into operation and operational demonstration commenced on 9/18/2014
1/1/2015	Begin compliance with total nitrogen effluent limit	TN Limits	DC Water	On schedule. It is fully anticipated that compliance with the new permit TN limits, on an

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12/31/2015	A revision of the Clean Rivers Project Long Term Control Plan has been submitted to EPA for approval. DDOE expects EPA will require a description of the potential impacts to load reductions and achieving TMDL milestones associated with CSO implementation activities.	DC Water proposal discussed with & DDOE	DC Water & EPA	Ongoing. The negotiation is ongoing. There has been agreement on major issues; one stumbling block is that DC government and DC water have not come to an agreement that EPA requires.
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.	Approved Permit for Blue Plains	DC Water & EPA	DC Water is preparing application for the renewal of Blue Plains NPDES permit and these issues will be dealt with during negotiations. Rerating of the BP flow (360 + mgd due to CSO post-LTCP implementation) and adjustment of the allocated nutrient (nitrogen) load accordingly, are among negotiation process.
* 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.				