



FY 2014 PERFORMANCE PLAN District Department of the Environment

MISSION

The mission of the District Department of the Environment (DDOE) is to improve the quality of life for the residents and natural inhabitants of the nation's capital by protecting and restoring the environment, conserving our natural resources, mitigating pollution, and educating the public on ways to secure a sustainable future.

SUMMARY OF SERVICES

DDOE is the lead agency for creating, promulgating and enforcing District of Columbia environmental standards, in addition to implementing, through grant requirements and other mechanisms, federal environmental laws and regulations. The Department also provides certification, review and technical analysis services to both the District government and District residents through inspections, training programs, and permitting processes, in addition to providing energy-related policy, planning and direct services. Finally, the Department develops and implements innovative solutions and programs designed to improve environmental quality and sustainability in the District.

PERFORMANCE PLAN DIVISIONS

- Office of the Director¹
- Office of Policy and Sustainability (OPS)
- Office of Enforcement and Environmental Justice (OEEJ)
- Office of Community Relations (OCR)
- Energy Administration (EA)
- Environmental Services Administration (ESA)
- Natural Resources Administration (NRA)

AGENCY WORKLOAD MEASURES

Measure	FY 2011 Actual	FY 2012 Actual	FY 2013 YTD
Number of complaints received about presence of deteriorated paint	19	40	50
Number of complaints received about unsafe work practices	57	32	31
Number of households receiving energy assistance	28,159	21,688	20,542
Number of applications received for renewable energy ²	394	762	661
Number of chapter 2 permit applications received ³	162	152	146
Number of applications received for the Property Assessed Clean Energy Program (PACE)	NA	NA	1

¹ For the purposes of the FY14 Performance Plan, the Office of the Director includes the budget divisions (1000) Agency Management, (8000) Green Economy, and (100F) Agency Financial Operations.

² In FY11 – 13, this workload measure is for the Renewable Energy Incentive Program. In FY14 and beyond, this measure will be for any incentive programs implemented directly by DDOE. This measure is also tracked in the One City Action Plan, Action 1.4.2.

³ Chapter 2 permits come in two main types: 1) preconstruction review permits where we evaluate applications to install air pollutant emitting equipment to ensure that the equipment will comply with regulations; and 2) operating permits for facilities to operate the equipment once it has been constructed.



Measure	FY 2011 Actual	FY 2012 Actual	FY 2013 YTD
Number of air quality complaints received	65	124	208
Number of ambient air quality monitors operated and maintained	38	35	39
Number of applications received for the RiverSmart Homes program	1,266	1,268	1,021
Number of Environmental Impact Screening Forms received	32	37	45
Number of requests to respond to potential spills or releases	54	50	23
Number of complaints of potentially unsafe pesticide use	4	50	16
Number of new applications received for the Voluntary Cleanup Program (Brownfields)	2	2	1
Number of pesticide applicators inspected in the District	144	139	87
Number of active underground storage tank (UST) facilities registered in the District	NA	441	457
Number of active hazardous waste generators registered in the District	NA	858	869
Number of contaminated site clean-ups under regulatory oversight in the District	NA	NA	6



Office of the Director

SUMMARY OF SERVICES

The Office of the Director oversees overall agency operations in order to effectively meet the environmental goals of the District. In addition to agency-wide priorities, the Office of the Director includes initiatives focused on internal agency management; coordination of the agency's roles and responsibilities in economic development projects; and legal and regulatory issues.

OBJECTIVE 1: Oversee the implementation of agency-wide priorities.

INITIATIVE 1.1: Implement the Stormwater Retention Credit trading program. (Sustainable DC Plan Water Action 1.4)

DDOE, under the leadership of the Natural Resources Administration, will implement the Stormwater Retention Credit (SRC) trading program to provide major regulated projects (i.e., $\geq 5,000$ square feet) with flexible options for achieving their stormwater retention volume requirements. In FY14, DDOE will conduct outreach through workshops, websites, and other methods to inform potential participants of their trading opportunities. DDOE will also provide potential buyers and sellers with application materials and train them on how to participate in the market. Finally, DDOE will develop systems to track SRC generation and to use and report on market activity to the United States Environmental Protection Agency and the public. **Completion Date: September, 2014.**

INITIATIVE 1.2: Continue investigation of Anacostia River sediments.

The Anacostia estuary has several major clean-up sites located along its banks. In FY14, DDOE, under the leadership of the Environmental Services Administration, will make substantial progress in a remedial investigation of the sediments in the Anacostia River. The sediments are an on-going source of contaminants and need to be addressed before the Anacostia can be returned to a "fishable and swimmable" river. Testing needs to be conducted on Anacostia sediment and water toxins (when present) to determine proper clean-up methods. This initiative will span multiple years. DDOE anticipates that in FY15, DDOE will complete the investigation of the Anacostia River sediments, and initiate an evaluation of potential remedies. **Completion Date: September, 2014.**

INITIATIVE 2.3: Ensure the DC SEU achieves its performance benchmarks.

The DC Sustainable Energy Utility (DC SEU), currently in its third year of operations, has designed and implemented a number of energy programs and initiatives that help District residents and businesses use less energy. In FY14, DDOE, under the leadership of the Energy Administration, will place greater emphasis on ensuring the DC SEU contractor achieves the independently reviewed and updated performance benchmarks that aim at providing assurances to the public, the DC SEU Advisory Board, and DDOE that the DC SEU is making progress towards meeting the goals outlined in the Clean and Affordable Energy Act. DDOE will target its monitoring and oversight activities to ensure that the DC SEU becomes a robust entity and will explore ways in which the DC



SEU can have an active role in supporting the Sustainable DC Plan. **Completion Date: September, 2014.**

OBJECTIVE 2: Increase transparency of grant programs.

INITIATIVE 2.1: Improve the management and administration of all grants and sub-grants within the agency.

In FY14, DDOE will continue this effort, started in the previous year, to enhance existing policies and procedures to ensure that grants management is congruent with agency, District and Federal policies and procedures. DDOE will automate more grant processes, enhance its grants management protocol, and ensure compliance with grants management guidelines. **Completion Date: September, 2014.**

OBJECTIVE 3: Establish and continuously maintain regulations that protect and improve the environment for District residents.

INITIATIVE 3.1: Author or revise and publish regulations pertaining to hazardous air pollutants, NOx emission limits, non-road diesel vehicle emissions, wetlands, wells, coal tar, pesticides, and a revision to the schedule of fines.

This initiative is continuing into FY14, as DDOE is required to continuously update and improve the portions of the DCMR under its regulatory authority to protect public health and the environment. DDOE is also developing new regulations when required by newly enacted laws, and/or develop regulations to enact new programs. By the end of FY14 DDOE expects to promulgate rules to: identify and restrict toxic air pollutants that pose a health threat in the largest number of urban areas and to regulate sufficient area source categories to ensure that the emissions of these air toxics are reduced; set forth the comprehensive framework to manage, preserve, and extend the remaining wetland resources of the District; develop a well permitting scheme and establish a standard fee with which to cover the costs of the resources required to review a permit application; add requirements of the Pesticide Education and control Act of 2012 and update the Pesticide Regulations in 20 DCMR Chapters 22-25; and update the DDOE violations within the Schedule of Fines and relocate them to a Chapter 40, designated for DDOE, from the DOH title, add new provisions for air and lead, and revise the language so violations are clearly explained. **Completion Date: September, 2014.**

OBJECTIVE 4: Promote green business and job development.

INITIATIVE 4.1: Restructure Green Economy function to support job creation and business growth.

The Office of Green Economy was not staffed in FY13 beyond support for the summer youth green jobs program, the Green Zone Environmental Program. In FY14, DDOE will continue its green jobs program and hire dedicated green economy staff to focus on the job creation and business growth goals of the Sustainable DC Plan. The green economy staff will coordinate efforts within DDOE and among Green Cabinet agencies to identify areas for green economic growth, quantify the impact of sustainable programs and



investments, and leverage best practices for promoting green economic development.
Completion Date: September, 2014.

KEY PERFORMANCE INDICATORS – Office of the Director

Measure	FY 2012 Actual	FY 2013 Target	FY 2013 YTD	FY 2014 Projection	FY 2015 Projection	FY 2016 Projection
Percent of subgrantee's budget spent on programmatic costs ⁴	93%	65%	NA ⁵	65%	65%	65%
Percent of scheduled monitoring reports as defined in agency monitoring plan completed for each grant award ⁶	100%	100%	85%	100%	100%	100%

⁴ The Wise Giving Alliance of the Better Business Bureau identifies 65% to be an industry standard for this measure <http://www.bbb.org/us/Charity-Standards/>. This metric measures subgrantees' programmatic costs as a percentage of their overall costs. In FY12, this metric focused on ARRA subgrantees.

⁵ This is an annual measure, to be provided at the end of the 4th Quarter.

⁶ Pursuant to 11.4 of the Grants Manual and Source Book all District agencies must complete monitoring reports. All District agencies should be in compliance with this standard. The standard is 100%.



Office of Policy and Sustainability

SUMMARY OF SERVICES

The Office of Policy and Sustainability (OPS) develops innovative policy and programming solutions to address environmental challenges and increase sustainability in the District. OPS coordinates programs and communications with sister agencies, the Mayor's office, and non-government stakeholders to promote widespread adoption of sustainable practices and support implementation of the Sustainable DC Plan, including green building, green infrastructure, sustainability planning, and greenhouse gas emission reductions.

OBJECTIVE 1: Increase the understanding and adoption of innovative sustainability practices, including climate change adaptation, within DDOE, the District Government, and the community (One City Action Plan Actions 1.4.1, 1.4.4, and 3.6.1).

INITIATIVE 1.1: Increase community engagement in Sustainable DC and the level of public understanding of sustainability. (Sustainable DC Plan Governance Actions 1.2; Climate and Environment Action 1.1; and Equity and Diversity Action 2.1)

The Office of Policy and Sustainability will increase the number and diversity of meetings and events attended by Sustainable DC staff to directly talk with the community about sustainability and how they can get involved in Sustainable DC. This will compliment community events attended by DDOE's Office of Community Relations. DDOE will also use online tools such as electronic newsletters, websites, social media, and dashboards to make information available to an even broader demographic. **Completion Date: September, 2014.**

INITIATIVE 1.2: Work with partners to continue existing sustainability challenges and launch strategic partnerships with new sectors. (Sustainable DC Plan Governance Action 1.4; Built Environment Action 2.6; and Transportation Action 3.3).

DDOE will continue to support existing sustainability pledges for universities, the diplomatic community, and the DC Smarter Business Challenge. DDOE will grow these partnerships and collect data to demonstrate results. Additionally, DDOE will establish strategic partnerships with new sectors such as health care, faith, or the federal government. These partnerships will also include developing strategies for implementing pieces of the Sustainable DC Plan, such as working with businesses to incentivize commuting by transit, bike, and walking. **Completion Date: September, 2014.**

INITIATIVE 1.3: Monitor progress of the Sustainable DC Plan's implementation to ensure goals are met on time. (Sustainable DC Plan Governance Action 1.2, 1.6; and Transportation Action 4.5)

The Office of Policy and Sustainability will work with the Office of the City Administrator (OCA) and the Office of the Chief Technology Officer to develop a tracking system for the actions listed in the Sustainable DC Plan. OPS will also submit for STAR Community Rating System evaluation to measure the District's overall level of sustainability. To ensure appropriate progress, OPS will work with OCA to hold quarterly



meetings of the Green Cabinet and review agency results as well as administer the innovation grant program. **Completion Date: September, 2014.**

OBJECTIVE 2: Implement strategic components of the Sustainable DC Plan and initiate discussions for those actions not yet ready for implementation.

INITIATIVE 2.1: Finalize the Climate Action Plan and initiate a climate adaptation planning process to reduce the District's risk of climate change impacts (Sustainable DC Plan Climate and the Environment Actions 1.3, 2.1, 2.4; and Transportation Action 1.4).

DDOE will finalize the Climate Action Plan to reduce greenhouse gas emissions and coordinate analysis and collaboration to develop a Climate Adaptation Plan. DDOE will also complete an annual report on the District's greenhouse gas emissions. The Adaptation Plan will assess impacts of climate change threats on the District's critical infrastructure and public health. **Completion Date: September, 2014.**

INITIATIVE 2.2: Integrate Green Construction Codes with Green Building Act and increase rate of green building (Sustainable DC Plan Built Environment Actions 3.4, 3.5, 4.1, 4.2).

Contingent upon the proposed Green Construction Code being approved by the District of Columbia Council in fall 2013, DDOE will work to reconcile the existing Green Building Act with the new green codes. To track the rapidly evolving field of green building, DDOE will research best practices in green building, including incentives for new building projects to achieve high standards of green building certification and determine green building equivalent standards for public buildings. **Completion Date: September, 2014.**

INITIATIVE 2.3: Research best practices in waste management for future implementation. (Sustainable DC Plan Waste Actions 1.3, 1.4, 2.1, 3.4, and 3.5)

OPS will research best practices and successful examples of waste management, domestically and internationally. Research will include actions from the Sustainable DC Plan, including potential bans on Styrofoam and non-recyclable plastic containers, certification models for construction & demolition recycling facilities, a bottle deposit law, and incentives for residential composting and recycling. **Completion Date: September, 2014.**



KEY PERFORMANCE INDICATORS - Office of Policy and Sustainability

Measure	FY 2012 Actual	FY 2013 Target	FY 2013 YTD	FY 2014 Projection	FY 2015 Projection	FY 2016 Projection
Percentage of actions in the Sustainable DC Plan completed or under way	NA	NA	NA	60%	65%	70%
Number of businesses and institutions participating in sustainability pledges or challenges ⁷	NA	150	107	200	300	400
Number of LEED certified projects in the District (cumulative)	NA	350	NA	450	550	600
Greenhouse gas emissions reductions from the 2006 baseline year to meet 2050 goal ⁸	12.5%	13.8%	NA	14.8%	16%	17.5%

⁷ This measure tracks the number of businesses and organizations in the Green Business Challenge, as well as the number of institutions that sign a sustainability pledge (e.g. the existing College and University Sustainability Pledge).

⁸ In 2006, the District produced 10.2 million metric tons of greenhouse gas emissions. The District is committed to reducing its annual emissions by 20% by 2020, 50% by 2032 and 80% by 2050 (from the 2006 baseline total). This translates into a 1.2% reduction per year in the near future and graduates to a 1.8% reduction closer to 2050. For each fiscal year, these reduction targets will be reported for the previous calendar year due to the time required to collect and process data.



Office of Enforcement and Environmental Justice

SUMMARY OF SERVICES

The Office of Enforcement and Environmental Justice (OEEJ) develops and implements effective practices in order to support DDOE enforcement efforts. OEEJ works directly with DDOE's environmental enforcement programs by providing training, developing standard procedures, maintaining records, and managing the civil infractions program. OEEJ serves as the lead agency contact for enforcement matters involving U.S. EPA Region 3. In addition, the Office implements DDOE's environmental justice initiatives through outreach to affected communities.

OBJECTIVE 1: Increase enforcement quality and activities in order to bring polluters into compliance with the District's environmental laws.

INITIATIVE 1.1: Continue implementing a multi-year comprehensive enforcement strategy in order to increase enforcement capacity.

Starting in 2012, OEEJ has spearheaded the Enforcement Strategy Action Plan, an agency-wide, comprehensive enforcement strategy. The bulk of the tasks outlined in this effort are due to be completed by December 2013—three months into FY14. For the first quarter of FY14, OEEJ will continue coordinating an agency-wide effort to make increased compliance and enforcement a top priority for the agency. OEEJ will work with Human Resources and other DDOE programs to use employee performance plans and activity measurement as a way to improve accountability. OEEJ will also work with Human Resources to improve the depth and availability of technical training to ensure inspector knowledge and competency in relevant regulatory programs. Fit tests and medical monitoring will be implemented and support databases will be improved. OEEJ will work with DDOE programs to better inform the public about its policies and procedures, activities that trigger regulatory scrutiny, and its enforcement actions in order to deter violations. Lastly, OEEJ will support the agency's changes to statutes and regulations to strengthen key regulatory tools and allow for proper enforcement against violators. **Completion Date: December, 2013.**

INITIATIVE 1.2: Update the Enforcement Strategy Action Plan (ESAP) to continue tracking the long-term capacity-building measures that will not be complete by December 2013.

OEEJ will update the Enforcement Strategy Action Plan to reflect multi-year projects starting in January 2014. These projects include: getting staff properly trained; rewriting databases; and proposing needed changes to its authorizing laws and regulations. This updated tracking form will also help ensure that the agency does not backslide on any of its many enforcement achievements in the prior two years. **Completion Date: September, 2014.**

INITIATIVE 1.3: Increase DDOE's attention to environmental justice.

To better serve the District's low-income and minority residents, OEEJ will increase its attention to environmental justice (EJ). OEEJ will lead the agency in a review of what



can be done to support the District as a whole, and sister agencies in particular, in adopting policies and procedures that encourage EJ. In addition, OEEJ will create an EJ workgroup made up of concerned citizens, government officials, and community leaders. This workgroup will help DDOE to determine and prioritize the EJ areas of concern in the District. Lastly, DDOE will tap into the talent of this workgroup to write an action plan to minimize impacts at priority EJ locations, and to review the agency's EJ guidelines to identify improvements in future years. **Completion Date: September, 2014.**

KEY PERFORMANCE INDICATORS - Office of Enforcement and Environmental Justice

Measure	FY 2012 Actual	FY 2013 Target	FY 2013 YTD	FY 2014 Projection	FY 2015 Projection	FY 2016 Projection
Amount collected from fines and penalties	\$260,806	\$180,250	\$132,524	\$183,750	\$187,250	\$190,000
Compliance rate of enforcement actions processed. ⁹	69%	80%	76%	85%	90%	90%
Number of Notices of Infraction processed by OEEJ	145	170	108	173	177	180

⁹ Compliance rate of enforcement actions processed measures the success of enforcement actions. A high compliance rate means that once DDOE takes enforcement actions it is successful at getting the desired environmental results from the regulated industry. (This does not include payments of fines and penalties). A low compliance rate means that even after DDOE takes enforcement actions, it is still not getting the desired results. This measure can be influenced by several factors such as inability to locate the responsible party, being ignored by the responsible party, or the agency's failure to follow-up on enforcement actions.



Office of Community Relations

SUMMARY OF SERVICES

The Office of Community Relations (OCR) manages public affairs and community education programs for DDOE. OCR maintains and enhances the agency’s online presence and promotes agency programs and events.

OBJECTIVE 1: Educate District residents, businesses, institutions and government through targeted public education campaigns to encourage environmentally-friendly and energy efficient practices.

INITIATIVE 1.1: Promote the Sustainable DC Plan. (Sustainable DC Plan Equity and Diversity Action 2.1)

In FY14, DDOE will promote sustainable programs and practices through the agency website, participation in community events, environmental school assemblies, and by posting information on social media. DDOE will also utilize paid advertising outlets to promote the Mayor’s Sustainable DC Plan as well as other outreach opportunities, including programs to reduce “plug-load” and general energy efficiency techniques for residential and commercial buildings. **Completion Date: September, 2014.**

INITIATIVE 1.2: Develop targeted outreach materials. (Sustainable DC Plan Equity and Diversity Action 2.1)

In FY14, DDOE will design and print promotional materials and produce videos on specific topics of sustainability, including energy efficiency and generation, stormwater management, healthy homes, and resource conservation that highlight accomplishments in the Sustainable DC Plan. DDOE will also target businesses and institutions with enforcement and compliance assurance messages. **Completion Date: September, 2014.**

INITIATIVE 1.3: Launch an EnergySmart DC educational campaign to reduce energy use. (Sustainable DC Plan Energy Action 1.6)

The Energy Administration, in collaboration with the Office of Community Relations, will develop a citywide EnergySmart DC educational campaign aimed at reducing energy use. The EnergySmart DC campaign will use findings from the Comprehensive Energy Plan to craft detailed messages for targeted residential and business audiences across the city. DDOE will integrate campaign themes and key messaging with all DDOE energy-related initiatives and programs, and potentially other District agency initiatives. Before launching, DDOE will identify funding sources from various existing DDOE programs, and will seek additional funds such as from the US Department of Energy and private foundation grants. **Completion Date: September, 2014.**

KEY PERFORMANCE INDICATORS - Office of Community Relations

Measure	FY 2012 Actual	FY 2013 Target	FY 2013 YTD	FY 2014 Projection	FY 2015 Projection	FY 2016 Projection
Percent of District residents reached by DDOE Outreach and Education Programs	79%	75%	40%	75%	75%	75%



Energy Administration

SUMMARY OF SERVICES

The Energy Administration (EA) provides energy efficiency and renewable energy policies and services to a variety of end-use sectors (i.e., residential, commercial, institutional) in the District of Columbia to help them use less energy. The EA also provides direct financial assistance and discounts to low-income residents to help off-set their energy bills.

OBJECTIVE 1: Reduce the energy burden on the District's most vulnerable and low income populations.

INITIATIVE 1.1: Improve the reach of assistance provided to low-income customers.

In FY14, DDOE will obtain a new baseline of the target population that is eligible to receive energy assistance services. Based on this analysis and a review of nationwide practices and federal guidelines for energy assistance, DDOE will evaluate its program operations, including ensuring reasonable energy assistance benefit levels in future fiscal years. DDOE will also revisit its energy conservation education and outreach plan for the low-income population. The campaign will target customers of DDOE's Energy Centers, and will help make energy assistance benefits more meaningful to households' bottom lines. The baseline analysis of the target population will be completed by September 2014. The implementation of the updated education and outreach plan will begin in FY14 and will continue into FY15. **Completion Date: September, 2014.**

INITIATIVE 1.2: Continue to improve integration among city energy programs that target low-income populations.

In FY12, DDOE created a common application for DDOE's low-income energy assistance programs, including the Low Income Home Energy Assistance Program and utility discounts. In FY14 DDOE will continue to improve integration among city energy programs that target low-income populations, including DC Sustainable Energy Utility programs and utility-supported programs. This effort will maximize residents' access to services and will establish the DDOE Energy Centers as "one-stop shops" for energy assistance to low-income customers. This multi-year initiative will be coordinated with Initiative 1.1 above. **Completion Date: September, 2014.**

INITIATIVE 1.3: Implement service and process improvements in the Energy Centers and for management of the Weatherization Assistance Program.

In FY13, DDOE customized a software application for the Low Income Home Energy Assistance Program and the Weatherization Assistance Program to enhance process quality control, allow for paperless application operations, faster trouble shooting and access to records, and facilitate the matching of customers for multiple energy assistance services. In FY14, DDOE will begin using the new software, and will create internal performance indicators and a baseline to measure the above described improvements. **Completion Date: September, 2014.**



OBJECTIVE 2: Facilitate the implementation of the District’s sustainable energy vision of more energy efficiency and more renewable energy (with detailed energy planning, market transformation and legislative actions).

INITIATIVE 2.1: Complete the Comprehensive Energy Plan. (Sustainable DC Plan Energy Action 1.5)

In FY14, DDOE will complete the development and update of the District’s Comprehensive Energy Plan (CEP). DDOE began updating the CEP in FY13 under the brand name “EnergySmart DC,” with the aim of providing a comprehensive set of energy goals and recommendations that are aligned with the energy goals specified in the Mayor’s Sustainable DC Plan. The CEP will prescribe programs and initiatives to help the city achieve its short- and long-term energy savings potential, identify the most effective energy conservation measures, determine the amount of funding necessary to deliver energy efficiency programs, and track the city’s ongoing progress towards accomplishing the ambitious energy goals. **Completion Date: September, 2014.**

INITIATIVE 2.2: Provide \$25 million in funding for energy efficiency and renewable energy projects. (Sustainable DC Plan Energy Action 1.4)

In FY14, DDOE will help manage, coordinate and leverage revenues from the Renewable Energy Demonstration Fund, the DC Sustainable Energy Utility, various weatherization assistance programs, and the Property Assessed Clean Energy Program to fund at least \$25 million of energy efficiency and renewable energy projects across the District. The EnergySmart DC effort will also support the identification of realistic options for financing various renewable energy technologies and the most cost-effective energy efficiency measures to install in District residences and businesses. To meet the Sustainable DC Plan goal of funding \$500 million of renewable energy and efficiency retrofit, this initiative will be on-going. **Completion Date: September, 2014.**

INITIATIVE 2.3: Develop, coordinate and implement building energy efficiency initiatives. (Sustainable DC Plan Energy Action 1.1, 1.2 and 1.4)

DDOE will continue to implement key programs to advance energy efficiency in the built environment. As of FY13, all buildings in the District with 100,000 square feet or more were required to benchmark and disclosure annual energy and water usage. In FY14, all buildings with at least 50,000 square feet will be required to comply. DDOE will also continue to oversee the District’s Property Assessed Clean Energy (PACE) program. In FY14, PACE will strive to significantly increase the number of projects and dollar volume of PACE assessments as it continues to mature. DDOE will also continue to coordinate the District’s participation in the U.S. Department of Energy’s Better Buildings Challenge and work closely with the Downtown DC Business Improvement District to encourage private property owners to invest in energy efficiency improvements. In addition, DDOE will refine and develop several Sustainable DC Plan actions that focus on energy efficiency in buildings, including developing a building energy performance standard that incorporates a requirement for energy audits in large buildings (EN 1.1) and a minimum energy performance standard (EN 1.2). DDOE will work with DGS and other District agencies, as well as with community stakeholders,



ensure that the District is leading by example in the responsible use of energy. This initiative will span multiple fiscal years. **Completion Date: September, 2014.**

INITIATIVE 2.4: Facilitate greater solar deployment in the District. (Sustainable DC Plan Energy Action 1.4, 2.3, and 2.4)

The Clean and Affordable Energy Act established the District's Renewable Energy Development Fund to support solar energy projects using Renewable Portfolio Standards non-compliance payments. In FY14 and beyond, DDOE will implement a suite of innovative solar initiatives, including direct market-rate, low-income and non-profit incentives, clean energy innovation grants, and outreach and education activities. DDOE will continue to work and seek further funding opportunities to streamline solar permitting and interconnection processes to lower non-hardware costs and speed project delivery.. DDOE will work with the DC SEU, OP, DCRA, U.S. Department of Energy, Pepco, and community stakeholders to create a strong foundation for a robust and equitable economy that is powered largely by clean, affordable, and reliable District-sourced solar energy. **Completion Date: September, 2014.**

OBJECTIVE 3: Enhance the energy assurance (reliability, security) of the District by focusing on energy resiliency.

INITIATIVE 3.1: Continue implementation of recommendations and guidelines that will enhance the planning of improved energy assurance (Sustainable DC Plan Energy Action 3.1 and 3.2)

The revised FY12 Energy Assurance Plan (EAP) for the District provides information on how the District will respond in case of an energy emergency. The EAP also promotes policies to improve the resiliency of the District's energy system and protect critical infrastructure. In FY14, DDOE will continue to implement the EAP. This will include scoping, monitoring and collaborating on specific efforts to increase the energy assurance of the District and reduce vulnerabilities. DDOE will continue to work with the Metropolitan Council of Governments to update the regional Emergency Support Function plan and provide assistance on the development of emergency renewable energy generators. DDOE will continue to work with the National Association of State Energy Officers to strengthen our energy assurance planning activities, and update the EAP on a regular basis. DDOE will also participate in regional exercises to explore potential weak points and opportunities in the response to energy emergencies, and will conduct regular trainings for District emergency liaison officers. This initiative will span multiple fiscal years. **Completion Date: September, 2014.**

INITIATIVE 3.2: Monitor and facilitate improvements in energy infrastructure and reliability. (Sustainable DC Plan Energy Action 2.2, 3.1, 3.3; and Transportation Action 4.3)

In FY14, DDOE will continue participating in the Advanced Metering Infrastructure Task Force, which was convened by the Public Service Commission to develop a comprehensive educational program to educate consumers on the implementation of advanced metering in the District. In FY14, DDOE will document the impact on



improved resiliency from Pepco’s deployment of the smart grid, and gather data regarding reduction in peak demand and improved efficiency. In FY14, DDOE will also facilitate discussions with stakeholders regarding the need to modernize the local energy infrastructure and address local policies to facilitate local energy generation. This includes grid integration issues related for example to implementation of more solar capacity, more electric vehicles, more combined heat and power, and microgrids. This effort will start in FY14, and is it is likely a long term effort; the Comprehensive Energy Plan will also inform this effort. Additionally, DDOE will continue to monitor and remain engaged in the activities resulting from Mayor’s Underground Task Force. **Completion Date: September, 2014.**

KEY PERFORMANCE INDICATORS - Energy Administration

Measure	FY 2012 Actual	FY 2013 Target	FY 2013 YTD	FY 2014 Projection	FY 2015 Projection	FY 2016 Projection
Number of units weatherized	715	250	97	220	220	220
Estimated average reduction (%) in energy consumption per unit weatherized	23%	5%	36%	10%	10%	10%
Increase in generation capacity resulting from PV installations ¹⁰	1,239	354	87	1,500	2,300	2,900
Increase in production capacity resulting from Thermal installations ¹¹	NA	104	54	150	180	215
Number of buildings reporting ENERGY STAR benchmarking data to DDOE	0	900	812	1,350	1,600	1,800
Compliance rate of Energy Benchmarking	NA	NA	71%	70%	85%	90%
Number of green-collar jobs in the District ¹²	54	77	42	88	88	88
Rate of expenditure of DCSEU contract ¹³	NA	100%	65%	100%	100%	100%
Percent of renewable energy usage [One City Action Plan Indicator 1E] ¹⁴	11.4%	12%	11.4%	12.5%	13.5%	14.5%
Number of solar installations incentivized for renewable energy ¹⁵	294	NA	130	354	522	654

¹⁰ PV stands for solar photovoltaic system. This measure is calculated in kilowatts.

¹¹ This measure is calculated in kilowatt equivalent (kWe) units.

¹² Generated by the DC Sustainable Energy Utility.

¹³ DCSEU = DC Sustainable Energy Utility.

¹⁴ This metric is derived and tabulated by the Environmental Protection Agency’s Green Power Partnership. It includes the 100% Green Power purchase by District Government. As EPA does not forecast the percentage of renewable energy usage under its Green Power Purchasing Program, the out-year targets are suggested incremental projections. This is renewable energy purchased by anyone in the District voluntarily, i.e. over and above the Renewable Portfolio Standard.

¹⁵ This measure is also tracked in the One City Action Plan, Action 1.4.2.



Environmental Services Administration

SUMMARY OF SERVICES

The Environmental Services Administration (ESA) works to reduce hazards and contaminants in District land, air, water and homes by certifying facilities and professional service providers, reviewing plans, issuing permits, conducting inspections, and recommending new policy directions. Specific programs within ESA include lead poisoning prevention, healthy homes, air quality, pesticides, hazardous waste, underground storage tanks, and contaminated site remediation.

OBJECTIVE 1: Transform DC residential housing into homes that do not contain environmental health hazards.

INITIATIVE 1.1: Eliminate environmental health hazards in homes with children. (Sustainable DC Plan Built Environment Action 3.2)

Due to the age and condition of much of the District's housing stock, children living in the District are at heightened risk of exposure to lead in their own homes. Through a combination of outreach and other activities, resulting in increased blood lead screening of children at ages one and two, and resulting in referrals of housing for attention by DDOE's Healthy Homes Program, DDOE will identify at least 75 homes containing environmental health hazards that will receive direct follow-up attention from staff. DDOE committed to producing Healthy Homes Technical Assistance Reports in at least 50 such homes during FY 2013, and has already surpassed that number, with 59 such reports to date. Providing property owners with these reports leads to the elimination of the hazards identified in them, including lead-based paint hazards, mold, pest infestations, and carbon monoxide. All homes enrolled in the District's Healthy Homes Program will be accounted for in DDOE's existing Healthy Homes and Lead Poisoning Surveillance System database. Completion Date: September, 2014.

INITIATIVE 1.2: Audit property owners, property managers and certified lead professionals to verify compliance with lead laws designed to ensure lead safety in District residences. (Sustainable DC Plan Built Environment Action 3.2)

DDOE verifies compliance with District lead laws by its regulated community, including property owners, property managers, and those engaged in lead hazard evaluation and control activities. In FY14, the Lead and Healthy Housing Division will conduct field audits to verify that these key members of the regulated community are in compliance with all relevant lead laws that apply to them. During FY14, DDOE proposes to conduct field audits of at least 25 property owners and/or property managers, and of at least 25 lead-based paint inspectors, risk assessors, dust sampling technicians and/or lead abatement supervisors. Completion Date: September, 2014.

INITIATIVE 1.3: Ensure that property owners and/or contractors in violation of lead statutes attain compliance. (Sustainable DC Plan Built Environment Action 3.2)



In FY14, the Lead and Healthy Housing Division's enforcement work will result in proof of compliance with the terms of at least 100 Notices of Violation (NOVs), Notices of Infraction (NOIs) and/or Cease and Desist Orders that result from lead law violations. Proof of compliance can consist of production of a Clearance Report issued by appropriately certified personnel, which verifies that any previously identified lead-based paint hazard has been successfully eliminated. Alternatively, proof of compliance can also consist of steps taken by a member of the regulated community to address a lead law violation to the satisfaction of DDOE enforcement personnel. **Completion Date: September, 2014.**

OBJECTIVE 2: Improve the design, implementation, and enforcement of emission control programs to reduce air pollution.

INITIATIVE 2.1: Reduce engine idling in the District. (Sustainable DC Plan Transportation Action 4.1)

District regulations limit the idling of gasoline- and diesel-powered motor vehicles to 3 minutes, with a few exceptions. Of the air pollution created in the District, approximately half is from the driving and idling of motor vehicles, with an additional 20% from non-road engines such as construction and landscaping equipment. While multiple District agencies, primarily DDOE's Air Quality Division (AQD), have enforced the idling regulation for many years, in FY14 DDOE will implement an enhanced anti-idling effort. AQD enforcement staff will spend in total an additional 4 hours each week on outreach and increased enforcement of on-road engine idling, including outreach to District employees. In addition, DDOE will propose and finalize a regulation limiting the idling of non-road engines. **Completion Date: September, 2014.**

INITIATIVE 2.2: Develop Source Category Permit Program.

DDOE receives over 150 Chapter 2 (i.e., minor source) permit applications each year, and a typical permit is approximately five pages long. Many of the applications received and permits issued fall into a small number of source categories, such as auto body shop paint booths. In FY14, DDOE's Air Quality Division will develop a general permit program (by source category) in order to reduce the permit review time. This effort will include developing a preliminary list of source categories; developing the procedures for public notice, application, and issuance of the permits; and beginning to draft application forms and draft permits for the source categories deemed the highest priorities. **Completion Date: September, 2014.**

OBJECTIVE 3: Return District lands to productive use by effectively managing brownfields and underground storage tanks.

INITIATIVE 3.1: Increase voluntary remediation of contaminated properties. (Sustainable DC Plan Waste Action 2.2 and 2.3)

DDOE will encourage more applications to the Voluntary Clean-up Program (VCP) and the Voluntary Remediation Action Program (VRAP), by working with interested parties who seek to buy, voluntarily cleanup and redevelop contaminated properties. These



contaminated sites would otherwise remain undeveloped and not protective of human health and the environment for a longer duration. DDOE has been working more closely with sister agencies to expedite the remediation of properties that can be reused for future development. This new closer relationship has generated more interest by contractors wanting to do work in the District. In FY14, DDOE will review new remedial technologies that would shorten clean up times at sites based on specific contaminants in the District. This will allow property owners to obtain faster case closure. Many lending agencies prefer to see case closure prior to agreeing to finance the development. **Completion Date: September, 2014.**

INITIATIVE 3.2: Confirm locations of abandoned underground storage tank sites and bring sites into compliance. (Sustainable DC Plan Waste Action 2.2 and 2.3)

In FY13, DDOE began conducting field visits of sites with suspected abandoned underground storage tanks. Through this multi-year initiative, staff will use ground penetrating radar testing and records research to confirm which locations may still have active or inactive tanks in the ground. Compliance with removal and cleanup will elevate the potential redevelopment value of properties in the District. The underground storage tank database currently contains 700 facilities and DDOE expects to bring 15% (105 facilities) into compliance by September 2015. **Completion Date: September, 2014.**

INITIATIVE 3.4: Continue implementation of the Contaminated Site Clean-up Program. (Sustainable DC Plan Waste Action 2.2 and 2.3)

DDOE initiated a site remediation response program in 2012 to conduct more in-depth and site-specific oversight of six contaminated sites in the District: CSX, Benning Road, Washington Gas, PEPCO Generating Station, Kenilworth Park (National Park Service site), and Poplar Point (National Park Service site). A more aggressive timeline for clean-up and the return of these properties for public use has been initiated. This initiative will span multiple years. In FY14, DDOE will continue to manage and ensure clean-up of these sites and will add sites as they are identified. Completion dates vary, but DDOE expects to complete the PEPCO and CSX projects by September 2015. Washington Gas, Kenilworth, and Poplar Point completion dates will occur further in the future. **Completion Date: September, 2014.**

INITIATIVE 3.5: Implement the Pesticide Education and Control Amendment Act of 2012.

In FY14, DDOE will have a new educational center in operation at the University of the District of Columbia (Beltsville site) to conduct on-hands integrated pest management training for pesticide applicators. The new training center will give DDOE's pesticide program greater flexibility and improve the service offerings, helping to ensure that pesticide applicators working in the District are well-qualified. In FY14, DDOE will also transition to an electronic method of delivering, tracking, and developing pesticide applicator exams. This will allow for improved services to customers and will enhance DDOE's capacity to identify areas of improvements with regards to training. **Completion Date: September, 2014.**



PERFORMANCE INDICATORS - Environmental Services Administration

Measure	FY 2012 Actual	FY 2013 Target	FY 2013 YTD	FY 2014 Projection	FY 2015 Projection	FY 2016 Projection
Number of elevated blood level cases and other properties with identified hazards that are issued an Order to Eliminate Lead-Based Paint Hazards within 21 days of the property's risk assessment ¹⁶	93%	90%	94%	95%	100%	100%
Percent of children under 36 months of age that are being screened for lead poisoning	58%	55%	NA ¹⁷	60%	65%	68%
Number of cases of children under age six identified with a blood lead level at or above the Center for Disease Control's current reference value of 5 micrograms of lead per deciliter of blood	364	390	223	380	370	360
Confirmed EBLs as % of District children tested, as compared to national average ¹⁸	0.33	0.75	NA ¹⁹	0.65	0.5	0.4
Number of days in which ozone levels exceed the National Ambient Air Quality Standards ²⁰	11	12	0	12	12	12
Number of full-compliance evaluations of Title V facilities ²¹	20	17	13	19	18	20
Compliance rate of gas stations and drycleaners inspected	80%	65%	91%	70%	70%	70%
Number of asbestos inspections conducted	NA	40	64	45	50	60
Number of Brownfield assessments completed	6	8	0	8	8	8

¹⁶ This involves sending samples to lab for analysis; writing comprehensive report after sample results are delivered to DDOE; a second inspector reviewing the report for quality assurance; a supervisor reviewing and approving the report; and writing a notice of violation and an order to relocate, if necessary.

¹⁷ This is an annual measure, that will be reported at the end of the 4th Quarter

¹⁸ This industry standard is an annual measure that will be compared to the national average reported by the Center for Disease Control. The current average hovers around 1%. EBL = Elevated blood lead level.

¹⁹ This is an annual measure, that will be reported at the end of the 4th Quarter

²⁰ This industry standard measure can only be compared to jurisdictions with the same ozone nonattainment status as the District. In addition, ozone formation is highly dependent on heat and sunlight.

²¹ A Title V facility is one that is considered a major source of one or more air pollutants and so receives a facility-wide permit.



Measure	FY 2012 Actual	FY 2013 Target	FY 2013 YTD	FY 2014 Projection	FY 2015 Projection	FY 2016 Projection
Number of Significant Operational Compliance inspections of underground storage tanks completed	48	55	43	80	90	90
Compliance rate of underground storage tanks inspected ²²	88%	80%	70%	82%	83%	82%
Number of pesticide marketplace inspections	67	50	44	50	50	50
Number of hazardous waste inspections completed ²³	60	50	43	75	50	75
Percent of facilities taking corrective action to mitigate air quality violations as required by an NOV or compliance order (report numerator and denominator). ²⁴	NA	NA	NA	100%	100%	100%

²² This measure is the combined compliance rate of inspected facilities, including release detection compliance and release prevention compliance. Active underground storage tank facilities are targeted for inspection at least once every 3 years.

²³ The FY13 and FY15 targets are lower because inspections will be done of larger facilities, which require more time.

²⁴ New Mexico Energy Department (NMED) Key Performance Measures First Quarter FY 12 July 1 – September 30, 2011- Benchmarks: FY11 Actual 100%



Natural Resources Administration

SUMMARY OF SERVICES

The Natural Resources Administration oversees fisheries and wildlife, water quality, watershed protection, and stormwater management in the District. The division provides certification, review and technical analysis services to businesses, Federal and District governments, and District residents through licensing, inspections, monitoring, permitting, and technical assistance. It also provides natural resources education and outreach and demonstrates new technologies to protect natural resources.

OBJECTIVE 1: Promote the installation of green infrastructure practices such as rain barrels, rain gardens, and green roofs on public and private lands to help control stormwater runoff and make the District more environmentally sustainable. (One City Action Plan Action 3.6.3)

INITIATIVE 1.1: Expand the RiverSmart Communities program. (Sustainable DC Plan Water Action 2.3)

In FY13, DDOE initiated the RiverSmart Communities program by providing cost-sharing and technical assistance for green infrastructure retrofits at three multi-family housing complexes. In FY14, DDOE will expand the program to five communities and will offer incentives to churches and universities as well as multi-family housing units. Each participating property owner will pay a portion of the overall cost for the stormwater retrofits. **Completion Date: September, 2014.**

INITIATIVE 1.2: Increase the square footage of green roofs in the District by 150,000 square feet in 2014. (Sustainable DC Plan Water Action 2.1)

DDOE will increase the total number of green roofs installed in FY14 by 150,000 square feet. DDOE will provide financial incentives through the Green Roof Rebate program and through funding to other District agencies. **Completion Date: September, 2014.**

INITIATIVE 1.3: Implement the In-Lieu Fee compliance option. (Sustainable DC Plan Water Actions 1.4, 3.3, and 3.4)

In FY14, DDOE will provide major regulated projects with the option of paying an In-Lieu Fee (ILF) to achieve a portion of their stormwater retention volume requirement. Concurrent with implementation of the Stormwater Retention Credit (SRC) trading program, DDOE will develop systems to track and report on ILF payment and use. In addition, DDOE will inform regulated sites of their ability to pay the ILF for each remaining gallon of retention capacity necessary to meet their stormwater retention volume after they meet half of their retention volume onsite. DDOE will provide applications forms to regulated sites that choose to pay the ILF. **Completion Date: September, 2014.**



INITIATIVE 1.4: Implement the second phase of RiverSmart Rewards, DDOE's Stormwater Fee Discount Program. (Sustainable DC Plan Water Actions 3.3 and 3.4)

In FY13, DDOE finalized regulations and implemented the RiverSmart Rewards Program to provide a stormwater fee discount of up to 55% to eligible properties that manage stormwater. In FY14, DDOE will implement a simplified application process for small stormwater management practices (managing over 2000 square feet of impervious surface) and will transition from printed application forms to a web-based application process to streamline the program. DDOE is conducting outreach through its website, stakeholder listserv, DC Water bill inserts and messages, and the RiverSmart Homes and Communities Programs. **Completion Date: September, 2014.**

OBJECTIVE 2: Improve regulatory compliance through increased enforcement and more efficient customer service.

INITIATIVE 2.1: Increase DDOE's capacity to implement and assure compliance with new stormwater regulations. (Sustainable DC Plan Water Action 3.3)

DDOE will hire additional staff and establish a subgrant for on-call technical staffing support services to assure that development plans are reviewed and construction inspections are performed in a timely fashion and in compliance with the stormwater regulations. DDOE will provide training to new and existing plan review and construction inspection staff to assure that the agency consistently applies the revised stormwater regulatory requirements. **Completion Date: September, 2014.**

INITIATIVE 2.2: Implement standard operating procedures to improve inspections at construction sites.

In FY13, DDOE developed standard operating procedures (SOPs) for inspectors in the Watershed Protection Division to improve quality control and quality assurance for stormwater management and soil erosion and sediment control inspections at construction sites. In FY14, DDOE will implement these SOPs and provide related training to inspectors. In FY14, DDOE will also select a contractor to begin the multi-year process to update the 2003 Soil Erosion and Sediment Control Guidebook with new requirements under the recently amended rule on Stormwater Management and Soil Erosion and Sediment Control. This update will involve opportunities for formal public review and comment. **Completion Date: September, 2014.**

OBJECTIVE 3: Monitor the health of the District's natural resources.

INITIATIVE 3.1: Launch planning for an Urban Wetland Registry to facilitate restoration or creation of wetland habitat. (Sustainable DC Nature Plan Action 1.2)

In FY14, DDOE will begin a two-year process to update the District's Wetland Conservation Plan, which will include an Urban Wetland Registry. The Urban Wetland Registry will include possible sites for wetland creation as well as specifications for restoration, design, and planting. The two-year process will afford opportunities to coordinate with stakeholders and to verify wetland properties over two seasons. In FY14,



DDOE will develop the methodology and criteria necessary for wetland evaluation and procure consulting services to assist with plan development and field work to verify and update the list of known wetlands in the District. **Completion Date: September, 2014.**

INITIATIVE 3.2: Conduct fine-scale mapping of District watersheds and sub-watersheds. (Sustainable DC Plan Nature Action 1.3)

In FY14, DDOE will collaborate with the Office of the Chief Technology Officer to acquire an enhanced digital elevation resource to facilitate fine-scale base mapping. This resource will include aerial photo orthorectification, which will increase the accuracy for measuring and mapping topographic conditions. DDOE will produce fine-scale maps as a resource for its programs and for District stakeholders who are developing flood risk maps, mitigation plans, hydrology, sustainable watershed plans and assessments, stormwater planning and analysis, and utilities and public works improvements. **Completion Date: September, 2014.**

INITIATIVE 3.3: Monitor stream conditions to evaluate the need for a total maximum daily load (TMDL) for Hickey Run.

Hickey Run was listed as impaired for Total Residual Chlorine on a report submitted to the United States Environmental Protection Agency in 2002. In FY14, DDOE will collect water quality data to evaluate current conditions in Hickey Run and determine whether management plans to restore this waterbody should establish TMDLs or use alternative approaches. **Completion Date: September, 2014.**

INITIATIVE 3.4: Field test innovative technologies to improve river water quality (Sustainable DC Plan Water Action 1.1).

In FY14, DDOE will monitor, study, and report on the findings of the RiverSmart Washington program, which installed a variety of green infrastructure (GI) technologies on a large scale. These field tests will identify barriers and solutions for the use of each type of technology and will aid DDOE in planning large-scale GI installations in public space. DDOE anticipates that the test results will also aid in promoting use of GI on regulated sites, as required under the new stormwater regulations. The broader goal of this work is to reduce the volume of stormwater that enters District waterbodies in order to improve water quality. **Completion Date: September, 2014.**

INITIATIVE: 3.5: Develop a connectivity map to guide development of viable habitats throughout the District. (Sustainable DC Plan Nature Action 2.3)

In FY14, DDOE will use data from ongoing fish and wildlife surveys to develop maps and associated GIS data layers that delineate habitats and habitat corridors essential to the health and viability of native species. DDOE will develop these maps to monitor the abundance and distribution of native wildlife on a continuing basis. Additionally, DDOE will analyze these data and undertake conservation management strategies should negative trends be realized. **Completion Date: September, 2014.**



OBJECTIVE 4: Encourage the public to protect natural resources through education and outreach.

INITIATIVE 4.1: Coordinate implementation of the Environmental Literacy Plan. (Sustainable DC Plan Equity and Diversity Action 1.3)

In FY14, DDOE will continue to develop the Environmental Literacy Framework (ELF) with input from eight model schools, one in each ward. The ELF will identify environmental and sustainability connections in the District teaching standards and propose activities for K-12 lesson plans, including at least one meaningful outdoor experience at each grade level. In FY14, DDOE and its subgrantee will pilot integration of the ELF at three demonstration schools; organize networking meetings throughout the District between environmental education providers, school administrators, and principals; and organize two green career expos that will be co-hosted with program partners. These expos will provide approximately 600 District high school students with access to presenters from organizations that offer career opportunities, internships, higher education, and training in the environmental and sustainability fields.

Completion Date: September, 2014.

INITIATIVE 4.2: Implement a pilot program to provide Meaningful Watershed Educational Experiences to 5th graders in Wards 7 and 8 (Sustainable DC Plan Equity and Diversity Action 1.3)

In FY14, DDOE will send 75% of all 5th graders from Wards 7 and 8 (approximately 1,125 students) to overnight camps to learn how to better protect their natural environment. The camps will be run by nonprofit partners who specialize in providing rich environmental experiences that are tied to current 5th grade District education standards, including scientific inquiry, movement of water through the water cycle, and the inheritance in living organisms and adaptation and survival. This program targets students in traditionally underserved communities in the Anacostia Watershed. The goal is to develop a model program for future expansion to 5th graders District-wide, pending funding availability. **Completion Date: September, 2014.**

INITIATIVE: 4.3: Update the District's open space guidelines and management policies. (Sustainable DC Plan Nature Action 1.1)

In accordance with the National Park Service's (NPS) Environmental Impact Statement, DDOE will work with NPS to update the District's open space guidelines and management policies. DDOE will also work with NPS to establish a plan that addresses the management of resident Canada Geese in a manner that protects habitat and riverine ecosystems. **Completion Date: September, 2014.**



KEY PERFORMANCE INDICATORS – Office of Natural Resources

Measure	FY 2012 Actual	FY 2013 Target	FY 2013 YTD	FY 2014 Projection	FY 2015 Projection	FY 2016 Projection
Number of participants in RiverSmart Homes Program	940	1,000	NA	1,100	1,300	1,300
Number of rain barrels installed on private land	NA	850	NA	900	1,000	1,000
Square footage of green roofs installed ²⁵ [One City Action Plan Action 3.6.3]	NA	125,000	NA	150,000	175,000	200,000
Number of trees planted through third-party agreements	NA	NA	NA	6,875	2,875	2,050
Number of installations for the RiverSmart Communities Program ²⁶	NA	NA	NA	100	110	120
Percent of construction plans approved that contain a low impact design component (Sustainable DC Action NA1.4)	51%	50%	NA	70%	70%	80%
Number of acres of District landscape retrofitted to be able to naturally filter or capture rainwater for reuse [One City Action Plan Action 3.6.3]	9.4	12	NA	15	20	20
Number of inspections for stormwater management erosion/sediment control	11,034	8,250	6,479	8,250	9,000	9,500
Percent of drainage complaints responded to within 2 business days	100%	100%	100%	100%	100%	100%
Percent of illicit discharge complaints investigated within 5 business days	95%	95%	96%	100%	100%	100%
Number of Bag Law inspections	466	550	438	550	550	550
Number of coal tar inspections	75	70	49	65	60	60
Number of MS4 outfalls inspected ²⁷	NA	176	123	182	188	190
Number of MS4 facilities inspected ²⁸	NA	156	101	162	168	170
Number of Aquatic Resources Education Center visitors	4,041	2,500	2,209	3,000	3,500	4,000

²⁵ This measure is also tracked in the One City Action Plan, Action 3.6.3. By 2017, the District will install 1.5 million square feet of green roofs as part of an effort to make the Anacostia River, Rock Creek, Potomac River and all District waterways fishable and swimmable.

²⁶ Historical data is not currently available. This is a new measure in FY14.

²⁷ MS4 = municipal separate storm sewer system.

²⁸ The facilities most commonly inspected include automotive repair, maintenance, and body shops, dry cleaners, and car washes. Inspections are also routinely conducted at solid waste transfer stations, scrap metal yards, equipment maintenance yards, golf courses, marinas, bus depots, District government-owned facilities, and federal facilities such as the Bureau of Printing and Engraving and National Park Service vehicle shops. The list of facilities inspected is updated annually in accordance with the District's MS4 permit.