Municipality/Organization: **Town of Oxford**

EPA NPDES Permit Number: MAR041147

MaDEP Transmittal Number: W-041061

Annual Report Number & Reporting Period: **No. 12: April 2014-March 2015**

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person:	Sean M. Divoll, P.E.	Title:	Director of Public Works
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Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature:

Printed Name: Brian Palaia

Title: Town Manager

Date:

Part II. Self-Assessment

The Town of Oxford has successfully conducted activities addressing the Minimum Control Measures of the NPDES Phase II Stormwater Permit during Year 12 of the permitting period. Specific activities and goals achieved are outlined in the following paragraphs and in Part III of this Annual Report.

In addition to meeting requirements set out in the Town of Oxford's Best Management Practices Plan, the Town of Oxford continued to be an active participant in the Central Massachusetts Regional Stormwater Coalition (the Coalition). The Coalition's work in Year 12 was funded by a $80,000 fiscal year 2014 (FY2014) Community Innovation Challenge (CIC) grant from the Massachusetts Executive Office of Administration and Finance. This grant was supplemented by a contribution of approximately $4,000 from each of the 28 participating Towns, including Oxford.

Central Massachusetts Regional Stormwater Coalition Overview

The Coalition was officially formed in FY2012 and currently includes 28 towns. Its FY2014 work expanded efforts initiated in previous years to comply with requirements anticipated in the new Massachusetts MS4 Permit when it becomes final.

The Coalition was honored as a recipient of the first Annual "Best Stormwater Idea in New England", also known as a STORMY Award. This honor was bestowed by the New England Stormwater Collaborative, a joint effort of the New England Water Environment Association (NEWEA), the New England Chapter of the American Public Works Association (APWA), and the New England Water Works Association (NEWWA).

The Coalition's Partnerships in Central Massachusetts

The Coalition continues to be actively engaged with many water quality agencies and organizations and is committed to sharing the knowledge it has developed for the benefit of other communities.

The Coalition continued its partnership with the MassDEP in FY2014, formally including budget in its FY2014 CIC Grant Application to support and assist in development of the stormwater-focused Interactive Qualifying Project (IQP) with four students at the Worcester Polytechnic Institute (WPI). Part of this project included the IQP students conducting screening and water quality testing at several suspect illicit discharge locations in Oxford.

The Coalition was pleased to receive a $2,000 competitive grant from the NEWEA Humanitarian Assistance & Grants Committee in September 2014. This grant was used to purchase a second Nonpoint Source hands-on educational EnviroScape model for use by Coalition members. The EnviroScape table is used to demonstrate the impacts of stormwater pollution and ways to prevent it, showing the resulting differences in water quality when Best Management Practices (BMPs) are installed on one unit, but not on the other unit. It is an educational hands-on tool for students of all ages, as well as adults, that emphasizes the importance of stormwater pollution prevention in our own communities.

Tasks Included in this Annual Report

In Year 12, Oxford continued to utilize the 15 Standard Operation Procedures (SOPs) that were developed in previous years. These SOPs cover outfall inspection, catch basin cleaning, erosion and sedimentation control, oil/water separator maintenance, use and storage of pesticides and fertilizers. The Integrated Online Mapping system continues to be utilized and is a key tool that supports many of the Minimum Control Measures.

Minimum Control Measure 1: Public Education and Outreach

Year 12 activities included attendance at a day-long refresher training workshop in October and a 2014 Draft Massachusetts Small Municipal Separate Storm Sewer (MS4) Permit workshop, both hosted by the Coalition.

A new tool for public education rolled out in Year 12 is the Coalition's Twitter account, @MAStormH2O. As of the date of this report, the account has 67 followers, including other stormwater coalitions around the country. Information tweeted (or retweeted) by the Coalition in Year 12 addressed such water quality topics and issues as:

- Sustainable infrastructure resources
- APWA's Public Works Week outreach activities
- Pet waste management
- Available webinars and training events
- Erosion control practices
- Green infrastructure
- Appropriate fertilizer application
- Environmentally-friendly best management practices for snow and ice control
- Drought and innovative water recycling/reclamation efforts
- Proposed changes to definition of Waters of the US
- USEPA's "WaterSense" program
- The role of public education in developing successful stormwater funding programs.

Many of the Coalition's member communities and regional agencies follow @MAStormH2O and retweet information, greatly expanding the audience reached by the message. The tool will be used in the future to quantify the size of the audience reached by each message and evaluating the success of the message.

Education of the public regarding the Coalition's work was presented at the following events in Year 12:

- May 2014 - 5th Annual Water Resources Strategies Symposium, hosted by the Massachusetts Coalition for Water Resources Stewardship in Marlborough, MA. Coalition representatives presented "*30 Towns Collaborating for Cost Savings, Efficiency in MS4 Compliance and Water Quality*".

• August 2014 - "*CMRSWC: Resources to Get the Most out of Your CIC Grant Funding*" presentation by Coalition representatives at the Community Innovation Challenge (CIC) Stormwater Symposium.

• September 2014 - *"MA MS4 Permits: A Municipal Perspective – Implementing Stormwater Programs*" presentation by Coalition representatives at the Environmental Business Council's Water Resource Management Program.

• September 2014 - representatives from the Coalition attended the Local Government Advisory Committee's "Protecting America's Waters" Workgroup, held in Worcester, MA, and commented on the record about the importance of encouraging appropriate long-term maintenance of stormwater Best Management Practices. The Coalition submitted formal comments to the USEPA on its Proposed Rule to clarify the definition of Waters of the United States (WOTUS) in the Clean Water Act.

• January 2014 - the Coalition participated on a panel session entitled "*Underwater: Financing New Regulations"* at MMA's Annual Meeting in Boston. This session focused on new and established financing tools to ensure compliance with these requirements through means such as property surcharges, stormwater utilities, low-interest loans, principal forgiveness and regional stormwater opportunities.

• January 2014 - the Coalition presented its work in a session entitled *"MS4 Compliance: Common Threads (and opportunities) in New England Permits*" at NEWEA's Annual Meeting in Boston, MA. This session highlighted the tools developed by the Coalition that can be used to provide cost-effective solutions to regional stormwater management challenges.

The Coalition's educational website, www.CentralMAStormwater.org, continued to be enhanced by providing information about the project to a number of audiences, including the general public, educators, and kids.

Minimum Control Measure 2: Public Involvement and Participation

In Year 12, Oxford continued to utilize several presentations on stormwater management, with content focused on educating elected officials and municipal department heads about the requirements of the 2003 Small MS4 Program, changes likely in the anticipated 2014 Massachusetts MS4 Permit, and the financial impact these potential changes may have on Massachusetts communities.

Minimum Control Measure 3: Illicit Discharge Detection and Elimination

A representative from the Town of Oxford attended a training workshop in October 2014 on SOP 10, "Locating Illicit Discharges", intended to define the types of illicit discharges that may be observed in the Coalition communities and provide guidance on tools that can be used to identify each. At this same workshop, training was provided on the Coalition's Illicit Discharge Detection and Elimination (IDDE) Documentation Packet, which specifies how illicit discharges are detected and what department or person is responsible for eliminating them. Identifying and removing illicit

discharges, and ensuring that they are not reconnected, remains a substantial challenge to many MS4 communities. The October 2014 training workshop included a comprehensive review of many types of illicit discharges, and an interactive discussion with attendees about how several examples would presently be managed in their own community.

In Year 12, the Coalition purchased new ammonia field kits (CHEMetrics K-1510 kits) and provided two kits to each member community. These were approved by USEPA in Year 11 for stormwater outfall monitoring and are easier to use than ammonia monitoring tools previously purchased. In Year 11, the Coalition began the process of rotating two full sets of water quality kits and meters around the 28 Coalition communities, including Oxford; this rotating schedule continued in Year 12. The Towns of Millbury and Oxford are hosting the two sets of water quality kits and meters, and have taken responsibility of replacing reagent packets as they become depleted.

In Year 12, the Coalition finalized a review of industrial facilities located in each member community, including facilities that applied for coverage under the USEPA's Multi-Sector General Permit (MSGP) program, and the compliance status of each. The objective of this activity was to connect data from the two permit programs, consistent with the anticipated 2014 Massachusetts MS4 Permit.

Minimum Control Measure 4: Construction Site Stormwater Runoff Control

Construction activities, including erosion control, stormwater pollution prevention, and appropriate management of waste materials, are covered in the developed by the Coalition in previous years. The Stormwater BMP Toolbox was written to inform the general public about the importance of managing private construction projects responsibly. The Coalition provided training on this topic at the workshop on October 2014.

Minimum Control Measure 5: Post-Construction Stormwater Management in New Development and Redevelopment

In Year 12, Oxford continued to use the Stormwater Best Management Practices (BMP) Toolbox. This tool compiles the stormwater post-development tools currently permitted and encouraged for small development or redevelopment, specifically single-family homes and limited commercial renovations that have a small development footprint. The Stormwater BMP Toolbox provides technical data, design factors, and construction limitations with these BMPs in non-technical language and is consistent with the requirements of the current Small MS4 Permit, the Massachusetts Stormwater Handbook, and other current guidance documents.

Minimum Control Measure 6: Pollution Prevention and Good Housekeeping in Municipal Operations

In Year 12, Oxford continued to utilize a Salt/Sand Benchmarking tool developed in Year 10 from the guidance of the Oxford DPW Director to guide in calibrating deicing equipment. The Benchmarking tool calculates the present loading rate of chloride (per lane-mile) presently applied by its salt trucks and other municipal vehicles, regardless of the compound (e.g.: sodium chloride, green salt, calcium chloride) or form (e.g., solid or liquid, mixed with sand), and in evaluating alternative application methods and materials to current practices.

Part III. Summary of Minimum Control Measures

1. Public Education and Outreach

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 12	Planned Activities – Next Permit Period
1A	Develop Stormwater Section of Town Website	Highway Department and Town Website Manager (s)	Measure number of hits annually.	The Stormwater Management website continues to be updated with information for Town residents and Town staff. Additionally, the CMRSWC website is continually updated with coalition project information and educational materials.	Continue to update the website as-needed.
Revised					
1B	Develop and Broadcast Stormwater Presentation on Local Cable Network	Highway Department and Conservation Commission	Cable TV tapes of shows.	No progress on developing a stormwater presentation due to lack of equipment and personnel to develop presentation. An EPA video was broadcast as noted below in BMP 1D.	Research other sources for developing a local stormwater presentation.
Revised					
1C	Distribute Brochures and Fact Sheets to Businesses and Residents	Highway Department and Conservation Commission	Number of articles and copies of materials.	*Help Keep Our Waterways Clean* and *Ways to Keep Our Ponds and the French River Clean* flyers were developed and distributed to residents during the Annual Spring and Fall Bulk Drop-Off Days. Fact sheets and brochures continued to be handed out at the Land Management Office window at Town Hall. An online Stormwater Toolbox has been made available for businesses and residents.	Continue to develop and distribute fact sheets and information flyers.
Revised	*In addition to hard copy brochures and fact sheets, provide an online reference tool.*				

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 12	Planned Activities – Next Permit Period
1D	Develop Stormwater Management Video	Highway Department and Conservation Commission	Number of rentals.	*Reduce Runoff: Slow it Down, Spread it Out, Soak it In!* video has been broadcast on the local cable channel multiple times every day since December 2014. The program is a compilation of four videos co-produced by the EPA and The Weather Channel.	Periodically broadcast the documentaries on the Oxford Cable Access channel.
Revised	Obtain a Stormwater Management Educational Video rather than create our own		Number of times broadcast.		
1E	Develop a Poster Display Regarding Stormwater Issues	Highway Department and Conservation Commission	List of display locations.	Stormwater posters continue to be displayed at the Town Hall alongside the Land Management office.	Continue to display posters and updated information.
Revised					

1a. Additions

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 12	Planned Activities – Next Permit Period
2A	Mark Storm Drains with Buttons or Stencils	Highway Department, Conservation Commission, and Volunteers	50% of the storm drains marked by year 5 with door hangers placed in associated neighborhoods.	100% of catch basins were stenciled in previous permit years.	Oxford DPW plans to continue with the stenciling program in the next Permit Period to re-stencil faded markings.
Revised					
2B	Establish a Storm Water Telephone Hotline	Highway Department and Town Website Manager (s)	Record number of phone calls to hotline, copies of articles.	Oxford DPW fielded over 32 calls. An automated tracking system has been developed to record stormwater-related issues using PeopleGIS software.	Oxford DPW plans to continue taking stormwater calls on the main DPW phone number.
Revised	We have determined that a separate 'hotline' is not necessary or feasible. Oxford DPW takes all stormwater calls on the main DPW phone number.				
2C	Conduct River, Stream, and Pond Cleanups	Highway Department, Conservation Commission, and Volunteers	Cleaner streams as documented by before and after photographs.	Multiple cleanup activities were conducted throughout the year by volunteers in the French River and Barbers Hollow Brook.	Continue to coordinate/encourage volunteer cleanup projects.
Revised					
2D	Establish a Native Tree and Shrub Planting Program	Highway Department, Conservation Commission, and Volunteers	Record the number, location and kind of tree or shrub planted.	Cemetery Tree Planting Program was established with the first planting of 17 sugar maple trees in the North Cemetery. A new Seedling Shrub Program has been initiated that includes 200 shrubs to be distributed throughout the town.	There are two more years of the Cemetery Tree Planting Program that will include over 30 new trees, provided funding is available. The Seedling Shrub Program is planned to be an annual event.
Revised					

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 12	Planned Activities – Next Permit Period
2E	Establish a Classroom Education Program	Conservation Commission	Classroom education program implemented by Year 5.	An Educational Section of the CMRSWC website includes Classroom Educational Programs addressing stormwater management, water quality issues and monitoring activities.	Work with the School Department to incorporate Stormwater Educational Programs into the school's curriculum.
Revised					
2F	Prepare Press Releases	Highway Department and Conservation Commission	Copies of press articles.	No press releases were issued.	Press releases will be issued on an as-needed basis.
Revised					

2a. Additions

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 12	Planned Activities – Next Permit Period
3A	Develop Town Storm Drain Outfall Map	Highway Department, Planner/Engineer, Outside Resources (possibly Worcester Polytech)	All outfalls mapped by Year 5.	The DPW has completed mapping the entire storm drain system. The inventory has been incorporated into an integrated stormwater mapping and inspection system.	Continue fine-tuning the GIS mapping system
Revised					
3B	Develop Illicit Discharge Prohibition Ordinance	Planning Board and Board of Health	Obtain authorization to control inputs to the municipal drainage system. Bylaw at Town meeting by end of Year 2.	Illicit Discharge By-law was adopted in 2005.	Continue enforcement of by-law.
Revised					
3C	Develop Illicit Discharge Detection and Elimination Plan and Implement Activities	Highway Department, Planning Board, and Board of Health	All outfalls examined by Year 4. Sources traced and conclusion documented within one year of discovery.	The Oxford DPW and students from WPI conducted screenings at Industrial Park East and conducted water quality testing at several suspect illicit discharges utilizing the Illicit Discharge Standard Operating Procedure.	Oxford DPW will continue to follow up on all illicit connections in the following permit period
Revised					
3D	Incorporate Information on Illicit Discharges into Public Education and Outreach Topics	DPW	Copies of materials.	Information on Illicit Discharge has been made available on the Town's website and the CMRSWC website and includes a Resource Toolbox for homeowners. Illicit Discharge hand-outs have been made available at the Town Hall for the public and were handed out at Bulk Item Drop Off Days.	Oxford DPW plans to continue to update the website with additional information and resources. New informational brochures will be created and distributed.
Revised					

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 12	Planned Activities – Next Permit Period
3E	Identify Department to Take Stormwater Calls	Highway Department and Board of Health	Log of complaints and actions taken.	The Oxford DPW and Board of Health continue to take illicit discharge calls. An automated tracking system has been developed to record stormwater-related issues.	Continue coordination effort among Oxford DPW and BOH.
Revised					

3a. Additions

4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 12	Planned Activities – Next Permit Period
4A	Develop Erosion Control Regulation	Planning Board, Board of Health, and Conservation Commission	Bylaw at Town meeting by end of Year 3.	A Stormwater Management and Land Disturbance By-law was adopted in 2005.	Continue enforcement of by-law.
Revised					
4B	Conduct Inspections for Erosion Controls	Planning Board, Highway Department, and Consultant	Inspection checklist and documented inspections.	Erosion Control Inspections have been conducted by DPW personnel and the Conservation Commission.	Continue inspections.
Revised					
4C	Identify Department to Take Stormwater Calls	Planning Board and Highway Department	Record number of phone.	The Oxford DPW and Planning Board continue to take stormwater-related calls. An automated tracking system has been developed to record stormwater-related issues.	Continue coordination effort among Oxford DPW and Planning Board.
Revised					

4a. Additions

5. Post-Construction Stormwater Management in New Development and Redevelopment

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 12	Planned Activities – Next Permit Period
5A	Develop BMP Regulation	Planning Board and Selectmen	Bylaw at Town meeting by end of Year 2.	A Stormwater Management By-law was adopted in 2005.	Continue enforcement of by-law.
Revised					
5B	Develop and Implement Inspection Program	Planning Board, Highway Department, and Consultant	Retain copies of maintenance reports received annually, plus records of inspections completed and results.	Inspection program on-going.	Continue inspection program.
Revised					

5a. Additions

6. Pollution Prevention and Good Housekeeping in Municipal Operations

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 12	Planned Activities – Next Permit Period
6A	Clean Catch Basins	Highway Department	Clean all catch basins.	100% of all catch basins were cleaned at least once in the spring. High impact basins were cleaned again in the fall.	Continue to clean 100% of all catch basins.
Revised					
6B	Sweep Streets in Town	Highway Department	Priority plan of sweeping based on water quality impact. Volume of sweepings collected.	100% of streets were swept in the spring. High impact streets were swept again in the fall.	Continue to sweep 100% of all streets.
Revised					
6C	Develop an Inspection and Maintenance Plan	Highway Department	Written schedule and records of inspections and maintenance.	Inspections and repair are noted in a log by the Operations Manager. An electronic inspection system has been developed using mobile devices.	Oxford DPW will continue with its inspection and maintenance plan in the next permit period. DPW personnel will be trained for mobile device use in the next permit period.
Revised					
6D	Continue Existing Pollution Prevention and Good Housekeeping Practices at the Highway Garage	Highway Department	Ensure existing practices are continued.	Good Housekeeping on-going.	Continue on-going good housekeeping.
Revised					
6E	Evaluate Alternative Vehicle Washing Options at the Highway Garage	Highway Department and Consultant	New method for handling vehicle wash water at the site by the end of Year 2.	Request for a new DPW building feasibility study has been submitted to the Finance Committee for review. Funding remains a challenge.	Meet with Finance Committee for recommendation for funding at a future Town Meeting.
Revised					
6F	Evaluate Pollution Prevention BMPs for the Fueling Station at the Highway Garage	Highway Department and Consultant	As-built sketches or plans and photos.	A Fuel and Oil Handling Standard Operation Procedure has been developed and was followed.	Continue to implement the Fuel and Oil Handling Standard.
Revised					

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 12	Planned Activities – Next Permit Period
6G	Evaluate Municipal Facilities Throughout Town for Potential Stormwater Impacts	Highway Department and Consultant	As-built sketches or plans and photos.	Complete.	Re-evaluate on an as-needed basis.
Revised					
6H	Ensure Proper Waste Disposal in Town for Hazardous and Special Wastes	Highway Department and Board of Health	Document quantity of wastes collected annually.	On-going	Continue hazardous and special waste disposal vigilance.
Revised					
6I	Ensure Water Quality Improvements are Considered for Flood Projects	Highway Department	Records of Flood Control Projects	N/A.	N/A.
Revised					
6J	Conduct Town Employee Stormwater Training	Town Administrator, Highway Department, Police and Fire Departments, and Consultant	Attendance sheet and copy of program.	Town staff attended four training workshops presented by the CMRSWC addressing NPDES Permitting, Illicit Discharges, Impaired Waters and Stormwater Management Costs. A Stormwater Management education presentation for Town employees has been developed.	Stormwater Training sessions are scheduled for the next permit period.
Revised					

6a. Additions

7. BMPs for Meeting Total Maximum Daily Load (TMDL) Waste Load Allocations (WLA)

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 12 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Next Permit Period
7A	Develop a Water Quality Strategy for 303d Waters	Town Engineer & Consultant	Summary of existing pollution prevention efforts, future needs, and responsible parties. Copy of surface water quality strategic plan.	All roadways scheduled for reconstruction are now constructed with deep sump catch basins and cleanable outfalls.	Continue drainage improvements.
Revised					
7B	Implement BMPs from Water Quality Strategy	Town Engineer, Consultant, & Town Departments (to be determined)	Photographs, logs, and BMP descriptions for completed efforts and water quality improvements.	No progress.	See BMP 7A
Revised					

7a. Additions

7b. WLA Assessment

Part IV. Summary of Information Collected and Analyzed

None.

Part V. Program Outputs & Accomplishments (OPTIONAL)

The Town has brought renewed effort to bring Oxford fully into compliance with the NPDES minimum control measures.
Programmatic

Stormwater management position created/staffed	(y/n)	yes
Annual program budget/expenditures	($)	$15,000

Education, Involvement, and Training

Estimated number of residents reached by education program(s)	(# or %)	30%
Stormwater management committee established	(y/n)	no
Stream teams established or supported	(# or y/n)	yes
Shoreline clean-up participation or quantity of shoreline miles cleaned	(y/n or mi.)	Appr. 1 mile
Household Hazardous Waste Collection Days		
▪ days sponsored	(#)	0
▪ community participation	(%)	0
▪ material collected	(tons or gal)	0
School curricula implemented	(y/n)	no

Legal/Regulatory

	In Place Prior to Phase II	Under Review	Drafted	Adopted
Regulatory Mechanism Status (indicate with "**X**")				
▪ Illicit Discharge Detection & Elimination				X
▪ Erosion & Sediment Control				X
▪ Post-Development Stormwater Management				X
Accompanying Regulation Status (indicate with "**X**")				
▪ Illicit Discharge Detection & Elimination				X
▪ Erosion & Sediment Control				X
▪ Post-Development Stormwater Management				X

Mapping and Illicit Discharges

Outfall mapping complete	(%)	100%
Estimated or actual number of outfalls	(#)	289
System-Wide mapping complete	(%)	100%
Mapping method(s)		
▪ Paper/Mylar	(%)	0%
▪ CADD	(%)	0%
▪ GIS	(%)	100%
Outfalls inspected/screened	(# or %)	24
Illicit discharges identified	(#)	0
Illicit connections removed	(#) (est. gpd)	0
% of population on sewer	(%)	13%
% of population on septic systems	(%)	87%

Construction

Number of construction starts (>1-acre)	(#)	3
Estimated percentage of construction starts adequately regulated for erosion and sediment control	(%)	100%
Site inspections completed	(# or %)	100%
Tickets/Stop work orders issued	(# or %)	0
Fines collected	(# and $)	0
Complaints/concerns received from public	(#)	3

Post-Development Stormwater Management

Estimated percentage of development/redevelopment projects adequately regulated for post-construction stormwater control	(%)	95%
Site inspections completed	(# or %)	100%
Estimated volume of stormwater recharged	(gpy)	?

Operations and Maintenance

Average frequency of catch basin cleaning (non-commercial/non-arterial streets)	(times/yr)	2-times
Average frequency of catch basin cleaning (commercial/arterial or other critical streets)	(times/yr)	2-times
Total number of structures cleaned	(#)	1,882
Storm drain cleaned	(LF or mi.)	230 lf
Qty. of screenings/debris removed from storm sewer infrastructure	(lbs. or tons)	900-tons
Disposal or use of sweepings (landfill, POTW, compost, recycle for sand, beneficial use, etc.)		landfill
Cost of screenings disposal	($)	0

Average frequency of street sweeping (non-commercial/non-arterial streets)	(times/yr)	2-times
Average frequency of street sweeping (commercial/arterial or other critical streets)	(times/yr)	4-times
Qty. of sand/debris collected by sweeping	(lbs. or tons)	1,500-tons
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.)	(location)	landfill
Cost of sweepings disposal	($)	0
Vacuum street sweepers purchased/leased	(#)	0
Vacuum street sweepers specified in contracts	(y/n)	no

Reduction in application on public land of: ("N/A" = never used; "100%" = elimination)		
▪ Fertilizers	(lbs. or %)	20%
▪ Herbicides	(lbs. or %)	N/A
▪ Pesticides	(lbs. or %)	20%

Anti-/De-Icing products and ratios	% NaCl % $CaCl_2$ % $MgCl_2$ % CMA % Kac % KCl % Sand	95% 5%
Pre-wetting techniques utilized	(y/n)	no
Manual control spreaders used	(y/n)	yes
Automatic or Zero-velocity spreaders used	(y/n)	no
Estimated net reduction in typical year salt application	(lbs. or %)	N/A
Salt pile(s) covered in storage shed(s)	(y/n)	yes
Storage shed(s) in design or under construction	(y/n)	N/A