

Municipality/Organization: City of Dover

EPA NPDES Permit Number: NHR041037

NHDES Transmittal Number: _____

Annual Report Number & Reporting Period:
No. 12 April 1, 2014 – March 31, 2015

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Douglas Steele **Title:** Community Services Director

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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: J. Michael Joyal

Title: City Manager

Date: April 25, 2015

Part II. Self-Assessment

The City of Dover continued to implement the identified tasks in its Stormwater Phase II NPDES minimum control measures in year eleven of the initial General Permit. The Best Management Practices that Dover has continued to implement include:

- Dover has completed mapping the stormwater system which was initiated prior to the NPDES permit. The City continuously updates the mapping as the system grows and as staff finds inconsistencies between maps and field inspections during catch basin cleaning. A Community Services staff member is assigned to accompany the catch basin cleaning contractor and record the conditions of each basin. Two University of New Hampshire engineering students were hired to visit every stormwater outlet structure in the City to inspect and update information.
- The City held one Household Hazardous Waste Collection Day for Dover residents on September 20, 2014. This year's collection included the Towns of Rollinsford, Madbury, and Lee.
- Dover's recycling program includes weekly curbside pick up of recyclables as well the operation of a recycling center. The recycling center accepts many items including waste oil, white goods, tires, metal, C & D material, yard waste, computer monitors and other electronics, Freon containing appliances, used antifreeze and mercury containing items to reduce the waste stream and prevent the release of contaminants into the environment. The center also has a book exchange where residents can leave books for others to take. Dover's recycling rate is 60% of the waste stream, and is nationally recognized as a leader. The center accepts yard waste and accepted 1096 tons. The City also conducts an annual curbside leaf collection each fall in which 151 tons were collected which is conducted for one week during the fall after leaves have dropped.
- The City Engineers review all subdivision and site plan applications before the Planning Board. Their review includes storm water plans to insure the site meets all standards during construction and upon completion of the project. All projects are required to submit storm water O&M plans to insure long-term performance of storm water infrastructure. The City Engineering inspection team continued its inspection of construction sites for temporary erosion control during construction and the implementation of permanent stabilization and run off control measures per approved design plans. An electronic tracking system was implemented to monitor compliance of private sites with their Stormwater O&M plan using a grant from the Piscataqua Region Estuary Partnership. The system will provide the City of Dover with a tool to help insure stormwater O&M's are being implemented. The system was demonstrated at the Seacoast NH Stormwater Coalition meeting in order to share the technology with the other member communities. Compliance reporting of O&M annual activities by private site owners continues to be low but is steadily improving. The City of Dover issues letters to remind owners of their obligation in the fall one before reports were due; however most did not file reports. Limited resources at the City currently prevent more

aggressive enforcement by the City. The assistant City Engineer was assigned the task of improving compliance with reporting of stormwater O&M by the privately owned commercial sites. All developers are required to review and acknowledge the O&M procedures and reporting requirements prior to receiving Certificate of Occupancy.

- The City continued to promote and implement its pet-waste program. A Scoop the Poop education reminder was included in the weekly Dover Download, an email blast to residents and businesses, highlighting the importance of cleaning up pet waste.
- Funding for the catch basin cleaning program was increased in the FY 2010 budget to reflect the anticipated MS4 permit requirements of cleaning 50% of the system annually. The catch basin cleaning contractor cleaned 1400 basins during April of 2015. The catch basin cleaning scheduled for the fall of 2014 did not occur as a result of the selected contractor was unable to fulfill his obligation and another contractor had to be hired and scheduled to complete the work. The FY 2016 budget is currently under consideration by the Dover City Council and includes funding at the same level as FY2015. The proposed budget will be enough to continue meeting the suggested EPA General Permit requirement that every catch basin is cleaned prior to the sump becoming 50% full. Dover staff cleaned an additional 39 basins during the reporting period on an as needed basis, usually associated with on going construction projects.
- The City of Dover hosts and is an active participant in the N.H. Seacoast Storm Water Coalition. The N.H. Seacoast Storm Water Coalition has accomplished much in eleven years to further the goal of improved stormwater quality. Issues such as Public awareness, training of staff, and other common needs of Coalition member communities have been worked on successfully in collaboration. The Coalition also provides a forum in which to share our individual program experiences both good and bad. Many presentations on the work member communities are involved in were given during the year. Presentations on Dover's Berry Brook Restoration highlighting LID BMP implementation, the WISE integrated nitrogen reduction plan, pollutant reduction measurement, tracking and accounting methods by the UNH Stormwater Center, Aubrey Strause gave a presentation on her work with Central Massachusetts MS4 communities, and the NHDES Non point Pollution Reduction Plan are five examples.
- No illicit connection were discovered during this annual reporting period. Two UNH engineering students were hired during the summer of 2014. The students inspected all of the City drainage system outlet structures and prepared a detailed inventory during their inspections. The students also were tasked to inventory all the historic illicit connection detection and elimination work the City of Dover has conducted in the past. Dover has accomplished much work throughout the City over the years and records of the work were in numerous locations and formats. The students work will help City staff to focus on areas that have not had illicit detection work in the past that are most likely to have potential illicit connections to the storm water system.

New activities aimed to achieve improved stormwater program performance and water quality improvement include:

- The Planning Department and Engineering Division adopted amendments to Dover's Subdivision and Site Review regulations that strengthen stormwater requirements as required by the MS4 General Permit. The new regulations strongly encourage the use of Low Impact Development techniques to address stormwater runoff. The amendments require all projects that propose to disturb an acre or more to submit plans to the Planning Board for review and approval. The amendments also give the City the authority to regulate projects that have less than an acre impact that are in close proximity of sensitive ecologic areas which could be potentially impacted. The Southeast Watershed Alliance, which the City of Dover is an active member, has prepared a model stormwater ordinance and encourages all communities within the NH coastal watershed to adopt. Dover's City Manager instructed the Planning and Community Services Departments to review the model ordinance and incorporate the concepts presented in the model into the City's requirements in 2014. The review and update of the City's storm water regulations is nearly completed and will be presented to the Planning Board for adoption in the summer of 2015 for adoption. The proposed changes will result in the incorporation of substantially all the recommendations in the Southeast Watershed model ordinance and regulation template.
- The City of Dover began the ambitious reconstruction of Silver Street, a major corridor into the city. Improvements include the construction of one large raingarden in front of the Woodman Park Elementary School, and seven new bio-retention tree filters. A local Girl Scout Troop has expressed interest in participating in the spring maintenance and planting of the rain garden as a learning opportunity.
- With the help of the UNH Cooperative Extension and NH Sea Grant, the City of Dover led a project geared at preparing for climate change funded by a federal grant from the National Oceanic and Atmospheric Administration awarded to the NH Coastal Program. The project kicked off with a well attended presentation on "Local Climate Change Impacts" by UNH climatologist Dr. Cameron Wake. Through the course of several meetings, the group of residence, staff and volunteers discussed City efforts and policies related to Green Infrastructure improvements and local regulatory practices. On March 4, 2015, a representative from the group presented preliminary findings and recommendations at a televised Dover City Council workshop.
- City completed the design and construction of a sewer line extension to serve 12 homes on Newt Rd. Where the majority of septic systems were old and inadequate as a result of site constraints that included setbacks from the river and under sized leaching area.

- The Berry Brook Watershed Assessment and Management Plan was finalized in 2008. Though not a part of the City's stormwater permit requirements; however, the efforts conducted in the Berry Brook watershed will be very useful in the implementation of anticipated requirements in future permits. Therefore, the work being done in the Berry Brook watershed is included in the permit annual report as a means of sharing with EPA and others. During the year of 2011 much was accomplished in the upper portion of the watershed. The re-establishment of more than 1000 feet of stream bed was achieved at the headwaters of Berry Brook. Two bio-swales were created to treat two areas developed areas that discharge to the new stream bed. In 2012 a gravel wetland was constructed to provide treatment for a large shopping center parking lot and a portion of a City street runoff which feed into the newly established stream bed.

A public elementary school, the Horne Street School, participated in the watershed improvements in 2011 by adding two rain gardens which infiltrate and treat the roof at the school, and a tree box filter that filter runoff from a newly paved parking area. The School Department also participated in funding the construction of a bio swale that treats water from a second school parking area, and a large area of street runoff in 2013.

A rain garden constructed in 2011 was augmented by the construction of a bio-swale in 2012 along Snows Court treats more than 1.5 acres of street runoff. The neighborhood was very engaged and supportive of the improvements in the project planning as well as during construction.

One residential rain garden was installed which redirected roof runoff from the sanitary sewer. Roof run off is a significant source of inflow into the sewer system.

In 2012 bio-swales were constructed to treat runoff from Lowell Ave and Horne St and Crescent Ave. The Lowell Ave. and Horne Street bioswales were installed with automated instantaneous samplers to monitor performance. The City also provided an additional \$4,000 in stream sample analysis to monitor system-Wide performance of the BMP's.

Though the Berry Brook watershed restoration is not part of the City's MS4 commitments the work is an important project in assessing how well BMP's can restore water quality in a highly developed residential watershed which was more than 30% impervious prior. In 2013 a bio-retention system was designed and installed on private property within an existing drainage easement off Horne St with the full support of the property owner. The system treats runoff from 4.2 acres of which 1.6 acres or 39% is impervious.

A video was completed on the Berry Brook project in 2013. The video was produced by the City of Dover's media coordinator and explains the water quality issues associated with stormwater as well as how the Berry Brook watershed restoration work utilizing LID will improve conditions in the brook. The video also explains how individuals can make a difference by altering their behavior such as picking up pet waste, proper fertilizer application, and use of rain barrels to harvest rain water or even construct a rain garden.

In 2014 the Roosevelt Ave BMP was installed. The Chesley St. BMP is being designed as a result of offsite space constraints. The modified design is completed and ready for installation in 2015 as are three other BMPs in the lower watershed.

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 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 13
A1	Establish Pollution Hotline	Bill Boulanger	Trained administrative personnel who receive calls	Received no phone complaints	Continue to advertise existence of hotline on City webpage
Revised		Community Services			
A2	Community Cleanup	Doug Steele	Held 12 th annual clean-up	Dover Main Street clean up, May 10, 2014	Hold 13 th Dover Pride clean-up day, May 9, 2015
Revised		Community Services			
A3	Educational Video	Seacoast NH Stormwater Coalition	Show on local access	Created a video on Berry Brook efforts to reduce impervious through implementation of LID retrofits of City drainage system, and home owners rain gardens and rain barrels as educational resource.	Show video on local access TV.
Revised			Converted to DVD		
A4	Publish Stormwater information	Community Services	Published articles and public response	Made several public presentations regarding stormwater and Berry Brook watershed restoration activities in partnership with the UNH Stormwater Center.	Engage Berry Brook watershed residents on implementation of LID techniques to disconnect impervious surface in the watershed.
Revised					
A5	Pet Waste and Storm Water	Dean Peschel NHDES	Lower bacteria levels in unnamed brook	Utilized Dover Download, a weekly email blast to residents and businesses, to stress importance of cleaning up pet waste.	Continue to educate the public about pet waste storm water impacts and proper behavior
Revised					
A6	Assist School in SW education	Community Services and volunteers	Make presentations in classroom		
Revised					

1a. Additions

A7	Berry Brook Watershed Plan	Community Services	Improve water quality in Berry Brook	Constructed treatment bioretention BMP	Construct additional BMP's in the watershed to disconnect additional impervious area.
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A8	Climate Change Project	Community Services and Planning Department	Make presentations to City Council and other local committees regarding importance of climate change preparedness	Hosted a well attended "Local Climate Change Impacts" by UNH climatologist Dr. Cameron Wake	Continue efforts to include climate change and green infrastructure components in city wide decision making
A9	Soak up the Rain	Community Services	Provide information to residents about the Soak up the Rain program	Partnered with the Great Bay Stewards and others to send out mailings to all residence in the Berry Brook Watershed area discussing the improvements and informing homeowners of how they can improve stormwater management	Continue to education public about how they can help improve stormwater
A 10	Green Infrastructure improvements in Neighborhoods	Community Services	Hold Neighborhood meetings during design of City Improvement Projects to educate and solicit feedback about Green Infrastructure Components	This year the City held a number of neighborhood meetings with the residences and business owners impacted by the Silver Street Construction Project. At these meetings, the consulting engineers and city staff discussed proposed green infrastructure including bioretention tree filters and raingardens	Continue to use neighborhood meeting settings to discuss stormwater improvement

2. Public Involvement and Participation

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 – Permit Year 13
B1	Storm Stencil	Community Services	Number completed 3 events	No stenciling in 2014	
Revised					
B2	Sample outfall and other structures	Community Services	Sampled	The Seacoast Storm water Coalition met with Dr Steve Jones who is working with Sea Grant volunteers to perform outlet sampling for coalition communities. Funding was secured to start the program and the Towns of Greenland and Exeter are serving as the pilot communities for the first year of operation. Volunteers are enthusiastically participating knowing their work will be useful in identifying problem areas.	Expand the volunteer storm outlet sampling to more Seacoast Stormwater Coalition communities.
Revised			Great Bay Watch sampled and analyzed storm water outfalls and structures with DPW assistance		
B3	Update Ordinances	Planning Steve Bird	Ordinance facilitate compliance of NPDES regulations	Dover as a member of the Great Bay Municipal Coalition and Southeast Watershed Alliance has completed development of model stormwater regulations that will be hopefully adopted by all communities in the Piscataqua watershed as a means to apply consistent standards to protect water quality.	Dover will incorporate the recommendations of the model regulations into the City's development standards.
Revised					
B4	City of Dover	Community Services/ School	Meet cooperatively to establish city fertilization program consistent with NEIWPIC recommendations	Focus group process to develop fertilization guidelines and implement for all City maintained areas was completed in March 2014. Developed program to support growth ,and minimize adverse impact to residents and the environment.	Continue implementation of program
Revised					
B5	Pet Waste Pilot Project	Community Sevices	Lower bacteria in surface water	Same as A5	Same as A5
Revised					
B6	Berry Brook Watershed Assessment and Management Plan	City of Dover UNH NHDES	Improved habitat and water quality	Completed additional BMP's to improve water quality in 2014 and held a neighborhood meeting with site walk to show several constructed BMP's, report on the progress, and celebrate the success of the Berry Brook restoration.	Implement additional stormwater structures reducing connected impervious cover in the Berry Brook watershed.
Revised					

2a. Additions

B7	Initiate committee to formulate Stormwater Management Plan	Community Services	Public supported Stormwater Management Plan		Form Committee and begin development of plan
B8	Add LID to zoning regulations	Planning	Better storm water management at development sites	Review existing stormwater regulation incorporating additional recommendations from the SWA model regulations that are missing from the current Dover regulations	Present to Planning Board for adoption in summer of 2015
B9	Initiate Climate Adaptation Plan	Planning	Plan and implement strategies to address climate change	Conducted Public forum (workshops) to raise public awareness of potential climate change affects and discuss strategies to prepare for and minimize affects.	Continue dialogue with the public and incorporate recommendations into City programs.

3. Illicit Discharge Detection and Elimination

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 – Permit Year 13
C1	Storm water System Mapping	Community Services	Have completed map of system and keep maintained	Continue collection of infrastructure condition for storm drain system. Update system map as system grows and is repaired. Student interns inspected all stormwater outlets and documented condition.	Continue collection of infrastructure condition for storm drain system. Update system map as system grows and is repaired.
Revised					
C2	Establish Illicit Discharge Program	Community Services	Establish Program and Implement	Found no illicit discharges in 2014. Student interns researched and documented historic IDDE work completed by the City.	Continue to look for illicit connections and remediate.
Revised					
C3	Catch Basin Stenciling	Community Services	Same as B1	Same as B1	Same as B1
Revised					
C4	Update City Ordinance	Community Services and Planning	Same as B3		Same as B3 and B8
Revised					
C5	Secure Funding	Community Services	Find funding for programs	Received funding to continue program and carry out Berry Brook restoration	
Revised					
C8	Connect properties with inadequate septic systems to public sewer	Community Services	Reduce bacteria and nutrients to waterbodies	Same as D6	
Revised					

3a. Additions

C6	Participation in Seacoast Storm Water Coalition – development of NH IDDE Manual	Community Services	Distribution of published manual	Continued participation in Seacoast Stormwater Coalition	Continue participation in Seacoast Stormwater Coalition
C7	Include Berry Brook watershed as priority area in IDDE plan	Community Services	Remove bacterial sources	Done	No further action

4. Construction Site Stormwater Runoff Control

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 – Permit Year 13
D1	Review and Update Ordinances	Community Services and Planning	Have legal authority to enforce Phase II	Worked on development of model stormwater regulations as member of SWA	Incorporate recommendations from SWA proposed stormwater regulations that improve Dover's regulations in summer 2015
Revised					
D2	Develop Inspection Program	Community Services and Planning	Site inspections to ensure compliance of Phase II	Engineering inspector inspects all sites for erosion control daily, weekly	Continue inspection program.
Revised					
D3	Direct Contractors to Educations Materials	Community Services	Better compliance of BMP's	Engineering provides to developers and site contractors at pre-construction conference.	Continue to educate community.
Revised					
D4	Provide City Staff Training	Community Services	Have educated workforce	LID BMP O&M training to DPW staff by UNH Stormwater Center. Staff attended UNH Stormwater Center seminar on LID stormwater treatment	Continue sending staff to educational opportunities regarding storm water.
Revised		UNH SC			
Revised					

4a. Additions

D5	Incorporate LID into City infrastructure improvement projects	Community Services and Planning Depts	Plan, design, and constructed LID BMPs in City projects	Constructed a large rain garden to treat road drainage on Silver St reconstruction project. The BMP is located at an elementary school and will be utilized as a teaching aid.	Continue incorporating LID BMPs on City projects wherever possible
D6	Sewer main extension to 12 homes to sewer	Community Services	Designed and construct sewer extension	City constructed a sewer line to connect 12 homes on Newt Rd adjacent to the Bellamy River. The majority of the homes ad old septic systems that did not meet the minimum standards of septic systems due site constraints including minimum setbacks to the river.	Completed no further action required.

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 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 13
E1	Review and Update Ordinances	Community Services and Planning	Have City Ordinances that comply with Phase II requirements	Done	Same as B3 and B8
Revised					
E2	Develop and Implement O & M Plans for Private Sites	Community Services and Planning	Design and implement program which tracks maintenance	All approved site plans required to submit O & M plans to City and report annually to the City.	Continue to require O & M plans at new sites and track compliance.
Revised					
E3	Implement Inspection Program	Community Services	Insure BMP are constructed to plan	The Engineering Technician inspects all sites for proper installation of BMP prior to issuance of Certificate of Occupancy	Continue to inspect sites.
Revised					
E4	Review and Update BMP List	Community Services	Maintain BMP list	Challenge design engineers to prepare effective stormwater system designs using appropriate BMP's utilize LID where ever possible.	Continue.
Revised					
Revised					
Revised					

5a. Additions

E5	Develop Pollutant reduction tracking	Community Services and Planning Dept. Inspection Services	Measure pollutant reduction achieved through implementation of BMPs	Participate in PTAP group to develop tracking system for coastal NH watershed communities and begin implementation of tracking processes and system.	

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 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 13
F1	Create Storm Drain Inspection	Community Services	Have a record of system conditions	Continued to have staff inspect structure condition during cleaning	
Revised					
F2	Implement Inspection Program	Community Services	Collect data useful for prioritization of maintenance	Continued inspections while cleaning catch basins 1251 basins cleaned and inspected in 2013	Continue inspections while cleaning catch basins
Revised					
F3	Create Street Sweeping Plan	Community Services	Cleaner storm system	Continued street sweeping program.	Continue street sweeping program.
Revised					
F4	Implement Catch Basin Cleaning Program	Community Services	Clean every catch basin once every 4 years	Contracted catch basin cleaning. Completed cleaning of 1400 basins. An additional 39 basins were cleaned during the year by city staff.	Proposed FY16 budget includes funding
Revised					
F5	Establishment of Stormwater Utility	Community Services	Reliable funding source for stormwater system	Continue to monitor the public reaction to increasing Stormwater budgets as MS4 requirements come online with anticipated permit.	None planned
Revised					
Revised					

6a. Additions

F6	Explore use of salt brine	Community Services	Reduce amount of salt and sand used	Have established conditions in which salt brine is effective	Continue use of salt brine in appropriate winter conditions
F7	Provide DPW staff training for Pollution Prevention/good house keeping	Seacoast Storm Water Coalition	Improve staff understanding and performance of pollution prevention	Provided DPW staff training installing LID stormwater treatment during construction of BMP's at Berry Brook. Hosted a SPCC training webinar City Department Supervisory staff to educate them on the requirements for the city facilities they are responsible for.	Utilize staff to install LID BMP's in Berry Brook Continue staff training opportunities to insure safe and environmentally compliant facilities

7. BMPs for Meeting Total Maximum Daily Load (TMDL) Waste Load Allocations (WLA) <<if applicable>>

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 – Permit Year 13
Revised					
Revised					
Revised					
Revised					
Revised					
Revised					

7a. Additions

7b. WLA Assessment

Part IV. Summary of Information Collected and Analyzed

Part V. Program Outputs & Accomplishments (OPTIONAL)

Programmatic

Stormwater management position created/staffed	(y/n)	No
Annual program budget/expenditures	(\$)	\$900,000.00+

Education, Involvement, and Training

Estimated number of residents reached by education program(s)	(# or %)	60%
Stormwater management committee established	(y/n)	No
Stream teams established or supported	(# or y/n)	No
Shoreline clean-up participation or quantity of shoreline miles cleaned	(y/n or mi.)	Yes
Household Hazardous Waste Collection Days		
▪ days sponsored	(#)	1
▪ community participation Dover, Madbury, Lee, and Rollinsford	(%)	195 vehicles
▪ material collected	(tons or gal)	5195 gal
School curricula implemented	(y/n)	Yes

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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	(#)	210
System-Wide mapping complete	(%)	100
Mapping method(s)		
▪ Paper/Mylar	(%)	
▪ CADD	(%)	
▪ GIS	(%)	100
Outfalls inspected	(# or %)	100%
Illicit discharges identified	(#)	0
Illicit connections removed	(#) (est. gpd)	0
% of population on sewer	(%)	75
% of population on septic systems	(%)	25

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Construction

Number of construction starts (>1-acre)	(#)	5
Estimated percentage of construction starts adequately regulated for erosion and sediment control	(%)	100.00%
Site inspections completed	(# or %)	100 %
Tickets/Stop work orders issued/Building Permits Withheld/Occupancy Permits Held	(# or %)	0
Fines collected	(# and \$)	N/A
Complaints/concerns received from public	(#)	20

Post-Development Stormwater Management

Estimated percentage of development/redevelopment projects adequately regulated for post-construction stormwater control	(%)	100.00%
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)	.5
Average frequency of catch basin cleaning (commercial/arterial or other critical streets)	(times/yr)	.5
Total number of structures cleaned	(#)	1439
Storm drain cleaned	(LF or mi.)	0
Qty. of screenings/debris removed from storm sewer infrastructure	(lbs. or tons)	minimal
Disposal or use of sweepings (landfill, POTW, compost, recycle for sand, beneficial use, etc.)		Landfill
Cost of screenings disposal	(\$)	\$1,000.00

Average frequency of street sweeping (non-commercial/non-arterial streets)	(times/yr)	Once/Spring
Average frequency of street sweeping (commercial/arterial or other critical streets)	(times/yr)	Weekly
Qty. of sand/debris collected by sweeping	(lbs. or tons)	500
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.)	(location)	Reuse
Cost of sweepings disposal	(\$)	
Vacuum street sweepers purchased/leased	(#)	0
Vacuum street sweepers specified in contracts	(y/n)	

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

Anti-/De-Icing products and ratios	% NaCl % CaCl ₂ % MgCl ₂ % CMA % Kac % KCl % Sand	
Pre-wetting techniques utilized	(y/n)	Yes
Manual control spreaders used	(y/n)	No
Automatic or Zero-velocity spreaders used	(y/n)	Yes
Estimated net reduction in typical year salt application	(lbs. or %)	
Salt pile(s) covered in storage shed(s)	(y/n)	Yes
Storage shed(s) in design or under construction	(y/n)	