(05)

TOWN OF MILLIS

BOARD OF SELECTMEN

MAK 04137 ?
041100 ?
Check #

April 29, 2005

U. S. Environmental Protection Agency
Water Technical Unit
P.O. Box 8127
Boston, MA 02114

Re: NPDES Stormwater General Permit
2004-2005 Annual Report
Town of Millis, MA

To Whom It May Concern:

Enclosed for your records is the NPDES Stormwater General Permit 2004-2005 Annual Report for the Town of Millis, MA. The Annual Report has simultaneously been filed with the Massachusetts DEP.

If you have any questions or require any additional information, please do not hesitate to call me at 508-376-7040 or our Consultant, Rich Niles with Comprehensive Environmental Inc. at (800)725-2550 ext. 307.

Sincerely,

Charles J. Aspinwall
Town Administrator, Director of Public Works

cc: Massachusetts Department of Environmental Protection, Worcester Office
Rich Niles, Comprehensive Environmental Inc.

Enclosure – NPDES Phase II Small MS4 General Permit 2004-2005 Annual Report

900 MAIN STREET - MILLIS, MASSACHUSETTS 02054
508-376-7040 - FAX 508-376-7053

TOWN OF MILLIS

BOARD OF SELECTMEN

April 29, 2005

Massachusetts Department of Environmental Protection
Division of Watershed Management
627 Main Street
Worcester, MA 01608

Re: NPDES Stormwater General Permit
2004-2005 Annual Report
Town of Millis, MA

To Whom It May Concern:

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Enclosure – NPDES Phase II Small MS4 General Permit 2004-2005 Annual Report

900 MAIN STREET - MILLIS, MASSACHUSETTS 02054
508-376-7040 - FAX 508-376-7053

Municipality/Organization: Town of Millis, MA

EPA NPDES Permit Number: MAR041100

MADEP Transmittal Number: W-040942

Annual Report Number
& Reporting Period: No. 2: May 1, 2004-April 30, 2005

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Charles J. Aspinwall Title: Town Administrator

Telephone #: 508-376-7040 Email: CAspinwall@Millis.NET

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: Charles J. Aspinwall

Printed Name: Charles J. Aspinwall

Title: Town Administrator

Date: 4/28/05

Part II. Self-Assessment

The Town of Millis has completed the required self-assessment of the annual compliance review for the Phase II Stormwater Program. In accordance with the NPDES Phase II Stormwater requirements, the following topics were evaluated for the completion of the Annual Report:

1. Compliance with the Phase II Permit Conditions
2. Appropriateness of the Selected BMPs
3. Progress Towards Achieving the Program's Measurable Goals
4. Results of Any Information that has been Collected and Analyzed
5. Activities for the Next Reporting Cycle
6. Changes in Identified BMPs or Measurable Goals

The Town has determined that our municipality is in compliance with all permit conditions.

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 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
1A Revised	Distribute Brochures & Fact Sheets to Residents & Businesses	Dept. of Public Works (DPW)	Number of Articles & Copies of Materials.	The following materials were distributed with water bills: • Spring 2004 "Don't Let Pollution Destroy our Resources!" by the Town of Millis • Fall 2004, "Protecting Water Quality from Urban Runoff" by EPA A stormwater management guide for auto recycler owners and operators was mailed to 11 auto repair facilities in Millis in October 2004. The mailing discussed the Town's SWMP and goals to encourage businesses to help improve the quality of stormwater that flows into the Charles River basin.	Educational materials will continue to be distributed to Millis residents and businesses twice a year with water bills.
1B Revised	Develop and Broadcast Stormwater Presentation on Local Cable Network	DPW & Town Selectmen	Cable TV tapes of presentations shown annually. "After the Storm" video shown quarterly.	"After the Storm" by the EPA was shown quarterly in lieu of the stormwater presentation prepared by the Town's consultant.	Continue cable broadcast annually.
1C Revised	Send out Stormwater Press Releases	DPW	Copies of Articles.	• Copies of the Stormwater Management Plan are available at the Town Hall for public use. • The Town published press releases on April 22nd (Country Gazette) and April 25th (Milford Daily News) describing the Town's investigation into illegal sewer connections in an effort to control pollution to the Bogastow Brook and Charles River. Residents aware of illegal connections or discharges were urged to report them to the DPW	Distribute 2 press releases annually.

1a. Additions

1D	Distribute Stormwater Pamphlets at Town Hall	Board of Health	Copies of Pamphlets	The Millis Board of Health provided copies of the Clean Charles Coalition pamphlet "What You Can Do To Help" at the Town Hall for public use.	Continue to make pamphlets available to the public.
1E	Post Stormwater Information on Millis Website	DPW	Copies of Pages and Hits Annually	Illicit discharge detection and elimination information was posted to inform residents about stormwater and ongoing outfall inspections.	Update periodically and measure the number of hits annually.

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
2A	Establish a Stormwater Telephone Hotline	DPW	Record number of phone calls to hotline, copies of articles.	DPW currently handles calls related to drainage problems in town and will receive future calls for stormwater issues. The Town advertises the DPW and phone number on their website, press release and the educational brochures. The DPW has received one call regarding construction site stormwater problems during this permit year. The problem was handled by the DPW.	The DPW will continue to handle stormwater related phone calls. The DPW phone number will continue to be advertised on the Town's website, press releases and in the educational brochures. A phone log will be established to track calls and the action taken.
Revised					
2B	Mark Storm Drains with Stencils During Cleaning	DPW	Storm drains marked in the highest priority sub-basins in Year 2.	No storm drains have been marked. The Town has provided a local Girl Scout troop with information about storm drain stenciling. The Town will provide all of the materials needed to the Girl Scouts who will stencil storm drains this summer. They will begin on Rt. 109 and progress through the highest priority watersheds.	Complete storm drain stenciling in high and medium priority sub-basins. Identify stenciled storm drains on stormwater base map.
Revised			Mark as many as possible with volunteers.		
2C	Conduct River, Stream, and Pond Cleanups	DPW & Volunteers	Cleaner streams as documented by before and after photographs	• Waites Mill Park was cleaned up by the Boy Scouts with oversight by the DPW. The banks of the Charles River adjacent to the park were cleaned. Invasive species were removed and replaced with native plantings. Stairs were built down to the river to allow access. About 25 people participated in the cleanup and approximately 3 cubic yards of trash was removed from the site. • A Town-wide beautification and clean-up, which included Richardson's Pond, was completed on April 16th, 2005. About 80 people participated removing approximately 300 pounds of trash.	Additional river, stream and pond cleanups will be conducted in the Town led by the DPW.
Revised					

2a. No Additions at this time.

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
3A	Make Annual Household Hazardous Waste Collections Available to Residents	DPW & Board of Health (BOH)	Document Quantity of Tickets Sold.	The Town of Millis coordinates monthly collection events with the Town of Norfolk. Residents were informed of the collection event through utility mailings and distribution of brochures at the Millis Transfer Station.	Continue existing practices and track the number of Millis participants.
Revised					
3B	Develop Primary Town Storm Drain System Map	DPW	80 % of system mapped on GIS.	• No significant revisions were made to the storm drain system map. • Outfall inspection and verification began.	Update and revise map as needed based on new development or differences observed in the field.
Revised					
3C	Identify Illicit Floor Drain Connections at Businesses	DPW	26 illicit connections identified and removed, 2 from the storm drain system and/or waterways in Millis.	26 illicit connections were identified and removed in 1991.	No further activities are planned for this BMP. Illicit floor connections are currently enforced by the local Board of Health regulations and will be addressed as part of the Millis Illicit Discharge Detection and Elimination Plan.
Revised					
3D	Complete Storm Drain Map	DPW	Map All Outfalls by Year 4	Storm system outfall verification began in the highest priority sub-basins.	Continue mapping in medium priority sub-basins.
Revised					
3E	Develop Illicit Discharge Prohibition Ordinance	DPW & BOH	Regulation at Town meeting by the end of year 2.	The Illicit Discharge Prohibition Regulation was developed based on available model ordinances to meet the Phase II requirements. It was enacted June 28th, 2004.	Continue to enforce Illicit Discharge Prohibition regulations and remove illicit discharges as they are identified.
Revised			Keep record of enforcement issues and eliminate illicit discharges within one year.		
3F	Develop Illicit Discharge Detection and Elimination (IDDE) Plan and Implement Activities	DPW, BOH, Consultant	IDDE Plan – Yr 2, All outfalls examined by year 4. Sources traced and results documented within one year of discovery.	An IDDE Plan was developed by a consultant in September 2004. Illicit discharge detection began in the highest priority sub-basins.	Complete implementation in the highest and medium priority sub-basins. Begin implementation in the lowest priority sub-basins, in accordance with the IDDE Plan.
Revised					

3G	Incorporate Information on Illicit Discharges into Public Education and Outreach Topics	DPW & BOH	Copies of Materials.	• Illicit discharges information and stormwater impacts have been incorporated into the educational materials distributed with water bill mailings (BMP 1A). • Outfall inspections were discussed on the Town's website (BMP 1E). • The Town published press releases on April 22nd (Country Gazette) and April 25th (Milford Daily News) describing the Town's investigation into illegal sewer connections in an effort to control pollution to the Bogastow Brook and Charles River. Residents aware of illegal connections or discharges were urged to report them to the DPW.	• Continue existing practices. Distribute education material at the Town's Transfer Station as well. • Continue updating the Town's website with illicit discharge educational material.
Revised			Copy of Website and number of hits annually.		
3H	Setup and Advertise a Hotline for Illicit Discharges	DPW & BOH	Log of Complaints and Action Taken.	The Board of Health currently takes calls related to illegal dumping and pollution in town. The DPW will coordinate calls with the BOH as the stormwater hotline becomes better established (e.g., BMP 2A). The Town advertises the DPW and phone number with press releases, the Town's stormwater website and in the educational materials.	The Town will continue to advertise the DPW and phone number with press releases, the Town's stormwater website and the educational brochures. A phone log will be established to track calls and actions taken by the Town in response to the calls.
Revised					

3a. Additions

3I	Sewer Projects to Address Failed Septic Systems	DPW & BOH	Proposed Sewer Plan by end of Permit Year 5.	A proposal has been prepared for sewering the area of Town adjacent to Bogastow Brook (on Middlesex Street, Orchard Street and Ridge Street) due to failing septic systems. The proposal will be submitted at the May 2005 Town Meeting.	Complete proposed plans for sewering project on Middlesex Street, Orchard Street and Ridge Street.
3J	Model Study for Localized Sewerage Treatment Facilities	DPW & Charles River Watershed Association	Study results by end of Permit Year 5.	Discussions were held with the Charles River Watershed Association (CRWA) regarding a model study of localized sewage treatment.	Periodically review progress of project.

4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 1 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 2
4A	Develop Erosion Control Regulation	Building Inspector (BI) & DPW	Regulation at Town Meeting by End of Yr 2.	A Land Disturbance and Post-Construction Stormwater Management Regulation was developed based on available model ordinances to meet the Phase II requirements. They were enacted June 28, 2004. The first permit was issued under these regulations.	Continue to enforce Erosion and Sedimentation Control Regulations.
Revised					
4B	Establish a Procedure for the Receipt of Information Submitted by the Public	BI & DPW	Record number of phone calls to hotline, copies of articles advertising the hotline.	DPW currently handles calls related to drainage problems in town and will receive future calls for stormwater issues. The Town advertises the DPW and phone number on their website, press release and the educational brochures. The DPW has received one call regarding construction site stormwater problems during this permit year. The problem was handled by the DPW.	The DPW will continue to handle stormwater related phone calls. The DPW phone number will continue to be advertised on the Town's website, press releases and in the educational brochures. A phone log will be established to track calls and response actions annually.
Revised					
4C	Develop & Adopt Design Standards Guidance for Erosion Controls	Planning Board (PB), DPW, Conservation Commission (Con. Com.) & Consultant	Inspection checklist and documented inspections.	No separate Design Standards have been developed, however the new Erosion and Sedimentation Control Regulations reference the DEP Stormwater Management Policy as the Design Standards to be used by applicants.	Continue inspections throughout permit years. Develop inspection checklist for site inspections.
Revised					

4a. No additions at this time.

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 1 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 2
5A	Develop BMP Regulation	BI & DPW	Regulation at Town Meeting by end of year 2	A Land Disturbance and Post-Construction Stormwater Management Regulation was developed based on available model ordinances to meet the Phase II requirements. They were enacted June 28, 2004.	Continue to enforce Post-Construction Regulations.
Revised					
5B	Develop and Implement Inspection Program	BI & DPW	Copies of maintenance reports received annually, plus records of inspections completed and results.	The Building Inspector will be responsible for performing site inspections with the assistance of the DPW. No inspections have been performed yet due to the recent adoption of the regulation. Draft inspection checklists have been developed. The Land Disturbance and Post-Construction Stormwater Management Regulation requires the submittal of an Operation and Maintenance Plan.	Prepare a final version of the inspection checklist, set up a permit and maintenance tracking program with annual report submittals, and carry out inspections.
Revised					
5C	Develop BMP Design Standards	PB, DPW, Con. Com. & Consultant	Improved Bylaws - Yr 4	NOI specified to begin this BMP in Permit Year 3.	Develop Millis specific BMP design criteria requirements for developers and reference in regulations.
Revised					

5a. No additions at this time.

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 1 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 2
6A	Clean Catch Basins	DPW	Clean all catch basins.	All catch basins in town were cleaned.	Establish a record-keeping system for sediment data for future cleaning priorities. Continue catch basin cleaning program annually.
Revised					
6B	Sweep Streets in Town	DPW	Priority plan of sweepings based on water quality impact. Volume of sweepings collected.	All streets in town were swept and some streets in the downtown area were swept twice. The sidewalks were also swept.	Establish a record-keeping system for sediment data for future sweeping priorities. Continue street sweeping program annually.
Revised					
6C	Store Road Salt Under Cover and Clean Loading Area	DPW	Minimize Stormwater Contact with Salt	Road salt materials are stored under cover at the Highway Garage and the loading area is cleaned as needed.	Continue existing practices. The DPW plans to make improvements to the existing storage shed to ensure materials are properly contained.
Revised					
6D	Calibrate Salt Spreading Equipment	DPW	Prevent over-application of salt as shown with calibration records.	Equipment is calibrated annually. Salt use is tracked through purchase records.	Continue to calibrate equipment and record quantities annually.
Revised					
6E	Use Low Salt Applications at Designated Areas	DPW	Use less salt at Norfolk county line than at other roadways as demonstrated with application rate.	Low traffic side streets were sanded less often than the main streets in an effort to reduce the amount of sand and salt used each year. The effort was reduced approximately 10% on the side streets compared to sanding on main streets in previous years.	Continue existing practices and compare application to other watersheds.
Revised					
6F	Use IPM Practices for Application of Pesticides in Town	DPW	Copy of IPM Plan.	The DPW performs routine inspections of town-maintained lands for pest persistence and promotes the use of cultural management techniques for pest and turf management. Pesticide application during this permit year was reduced due to weather factors.	Continue existing practices and document the DPW turf management, pesticide and fertilizer application policies as record of an IPM Plan.
Revised					

6G	Use Licensed Applicators for Fertilizers and Insecticides in Town	DPW	Record quantities of fertilizers and pesticides purchased annually.	Chemical quantities are tracked through purchase records. The DPW has a licensed applicator for pesticides.	Continue existing practices and include a copy of the purchase records with the Phase II recordkeeping materials.
Revised					
6H	Ensure Compliance with SPCC Plan for the Highway Garage	DPW	Prevent releases of oil at the Highway Garage through weekly inspections, annual training, and annual plan evaluation.	SPCC compliance is ongoing. The Town has revised and updated the Highway Garage SPCC Plan based on facility changes and the revised SPCC regulations. DPW employee training was conducted by a consultant on June 15, 2004.	Follow the revised and updated SPCC Plan and continue with DPW employee training.
Revised					
6I	Ensure Compliance for Snow Disposal in Town	DPW	Map of Acceptable Snow Disposal Areas.	Snow collected from areas within the Zone II wellhead protection areas is disposed in the stormwater retention basins at the Millis Transfer Station. Snow collected from areas outside of the Zone II areas is disposed at a gravel parking lot (with adjacent grassy areas) at the Oak Grove Farm in town.	Continue existing practices to ensure proper disposal of snow in town.
Revised					
6J	Use Filter Socks for Excavation and Hydrant Waters	DPW	Prevent discharge of sediments during dewatering and hydrant flow testing activities.	Filter socks are used during hydrant flushing and excavation dewatering (e.g., during water main breaks).	Continue existing practices.
Revised					
6K	Evaluate Pollution Prevention BMPs for the Fueling Station at the Highway Garage	DPW	As-built sketches or plans and photos.	A grooved concrete spill containment pad was constructed at the highway garage fueling station. The pad contains small drips and leaks that can easily be cleaned.	Completed
Revised					
6L	Evaluate BMPs at the Highway Garage to Prevent Sedimentation to the Adjacent Waterway from Site Runoff and Road Material Storage	DPW	As-built sketches or plans and photos.	Area adjacent to highway garage and waterway has been cleaned-up significantly and road material storage is better contained. BMP options for this area have been discussed.	Evaluate BMP options and construct a BMP to reduce sediment loading.
Revised					

6M	Develop an Inspection and Maintenance Plan	DPW	Written Policy – Yr 3, Records of inspections and maintenance.	Millis has received a Beneficial Use Determination (BUD) approval from DEP for the reuse of street sweepings and catch basins in town. The materials will be reused to construct a town-owned tree nursery at an old gravel pit site. Preliminary survey and site design have been completed.	Reuse stormwater residuals in accordance with the BUD determination. Develop an inspection/ maintenance schedule and record keeping program and conduct inspections accordingly.
Revised					
6N	Ensure Water Quality Improvements are Considered for Flood Projects	DPW	Records of Flood Control Projects.	There were no flood control projects during Permit Year 2.	Develop review program for new flood projects.
Revised					
6O	Conduct Town Employee Stormwater Training	DPW	Attendance Sheet & Copy of Program.	Conducted SPCC and Illicit Discharge Detection and Elimination training with DPW employees. DPW employees participated in stormwater outfall inspections with the Town's consultant.	Continue to conduct SPCC and stormwater training for DPW employees. Establish a Stormwater Training program and track attendance annually.
Revised					

6a. No additions at this time.

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 1 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 2
Revised					

7a. No additions at this time.

7b. WLA Assessment

The Millis Stormwater Management Plan (SWMP) was finalized in July 2003 and no Category 4a "TMDL completed" or Category 5 "Waters Requiring a TMDL" 303d listed waters were identified at that time, based on the 2002 proposed 303d list. The 2002 Final List of 303d Waters was published in October 1, 2003 and listed the Charles River and Bogastow Brook as Category 5 waters. The WLA Assessment will be addressed as part of the Millis SWMP, as TMDL studies are completed for 303d waters in Town. Water quality concerns associated with 303d waters will be address through the implementation of BMPs under the six minimum measures for Phase II, as outlined in the Millis SWMP. Additionally, the 303d waters in Millis are located in subwatersheds identified as a high priority for SWMP implementation activities and field inspection of outfalls has started in these areas.

Bogastow Brook in Millis is listed as a Category 5 Water: "Waters Requiring a TMDL" due to pathogens. No TMDL has been completed for this water body. Millis is currently working to sewer the area near the Brook, along Middlesex Street, Orchard Street and Ridge Street, which has a history of failing septic systems. A proposal seeking $1.8 million to sewer this section of Town is before the May 2005 Town Meeting.

The septic system at the Glen Ellen Country Club in Millis was found to be failing. Bogastow Brook flows through the country club property. The Board of Health is working with the country club to develop a solution to this problem.

Part IV. Summary of Information Collected and Analyzed
Number of Outfalls Inspected for Illicit Discharges: 30
Number of Illicit Discharges Found: 0
Waites Mill Park Cleanup: 3 cubic yards of trash removed
Richardson's Pond Cleanup: 300 pounds of trash removed
BOH Records of Failed Septic Systems for Middlesex Street, Orchard Street and Ridge Street.

Part V. Program Outputs & Accomplishments (OPTIONAL)

Programmatic

Stormwater management position created/staffed	(y/n)	No
Annual program budget/expenditures	($)	TBD

Education, Involvement, and Training

Estimated number of residents reached by education program(s)	(# or %)	100%
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	(%)	Unknown
▪ material collected	(tons or gal)	Not Available
School curricula implemented	(y/n)	No

*The Town of Millis participates in a monthly joint Household Hazardous Waste Collection Day with the Town of Norfolk. Residents can bring one car load of wastes to the event for a cost of $50. 5 Millis residents participated in the monthly collection events during the permit term.

Legal/Regulatory

	In Place Prior to Phase II	Under Review	Drafted	Adopted
Regulatory Mechanism Status (indicate with "**X**")				
▪ Illicit Discharge Detection & Elimination				X (Bylaw)
▪ Erosion & Sediment Control				X (Bylaw)
▪ Post-Development Stormwater Management				X (Bylaw)
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	(%)	43%
Estimated or actual number of outfalls	(#)	120 mapped
System-Wide mapping complete	(%)	80%
Mapping method(s)		
▪ Paper/Mylar	(%)	
▪ CADD	(%)	
▪ GIS	(%)	100%
Outfalls inspected/screened[1]	(# or %)	30 (25%)
Illicit discharges identified	(#)	0
Illicit connections removed	(#) (est. gpd)	0
% of properties on sewer	(%)	33%[2]
% of properties on septic systems	(%)	67%

1) Outfall inspection began in the highest priority watersheds in accordance with the September 2004, Illicit Discharge Detection and Elimination Plan.
2) 33% of households in Millis are currently connected to the sewer system and an additional 20% can connect to the existing system with no extensions or upgrades.

Construction

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

Post-Development Stormwater Management

Estimated percentage of development/redevelopment projects adequately regulated for post-construction stormwater control	(%)	Not Assessed
Site inspections completed	(# or %)	0
Estimated volume of stormwater recharged	(gpy)	Not Assessed

Operations and Maintenance

Average frequency of catch basin cleaning (non-commercial/non-arterial streets)	(times/yr)	1
Average frequency of catch basin cleaning (commercial/arterial or other critical streets)	(times/yr)	1-2/yr*
Total number of structures cleaned	(#)	780
Storm drain cleaned	(LF or mi.)	500 LF
Qty. of screenings/debris removed from storm sewer infrastructure	(lbs. or tons)	20 CY
Disposal or use of sweepings (landfill, POTW, compost, recycle for sand, beneficial use, etc.)		DEP BUD
Cost of screenings disposal	($)	N/A

*Some drainage structures in the downtown area are cleaned more frequently based on the rate of sediment accumulation and historical flooding issues.

Average frequency of street sweeping (non-commercial/non-arterial streets)	(times/yr)	1
Average frequency of street sweeping (commercial/arterial or other critical streets)	(times/yr)	1-2/yr
Qty. of sand/debris collected by sweeping	(lbs. or tons)	170 CY
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.)	(location)	DEP BUD
Cost of sweepings disposal	($)	N/A
Vacuum street sweepers purchased/leased	(#)	1 owned
Vacuum street sweepers specified in contracts	(y/n)	N/A

Reduction in application on public land of: ("N/A" = never used; "100%" = elimination)		
▪ Fertilizers	(lbs. or %)	
▪ Herbicides	(lbs. or %)	
▪ Pesticides	(lbs. or %)	
The DPW performs routine inspections of town-maintained lands for pest persistence and promotes the use of cultural management techniques for pest and turf management in an effort to minimize the use of chemicals. Pesticides are applied only when necessary by the DPW licensed pesticide applicator.		

Anti-/De-Icing products and ratios *60:40 sand/salt mixture typically used. Straight salt used as needed. Ten percent reduction in effort on side streets.*	% NaCl % $CaCl_2$ % $MgCl_2$ % Sand	No deicing catalysts other than road salt are used.
Pre-wetting techniques utilized	(y/n)	No
Manual control spreaders used	(y/n)	Yes
Automatic or Zero-velocity spreaders used	(y/n)	Zero Velocity
Estimated net reduction in typical year salt application *DPW Department conforms to the existing salt reduced routes in Town and has reduced salt applications in the Zone II Wellhead Protection Zones. Salt application is reduced on secondary roads.*	(lbs. or %)	
Salt pile(s) covered in storage shed(s)	(y/n)	Yes
Storage shed(s) in design or under construction	(y/n)	N/A