

Municipality/Organization: City of Quincy
EPA NPDES Permit Number: MAR041081
MassDEP Transmittal Number: W-041020
Annual Report Number & Reporting Period: Year 13
April 1, 2015 – March 31, 2016

NPDES PII Small MS4 General Permit Annual Report (Due: May 1, 2016)

Part I. General Information

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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: Thomas P. Koch

Title: Mayor

Date: 4-30-16

Part II. Self-Assessment

As required, the City of Quincy (City) evaluated compliance of the stormwater management program with the conditions of the *NPDES General Permit for Stormwater Discharges from Small MS4s*, effective May 1, 2003. From April 1, 2015 – March 31, 2016 (Permit Year 13), the City continued to make progress implementing best management practices (BMPs) to meet General Permit requirements. As required, the City also evaluated the appropriateness of all BMPs in efforts towards achieving the defined measurable goals, and has determined BMPs and measurable goals are appropriate. Note that planned activities for the next permit term have not been designated unless a BMP under this permit term was not fully completed or is an ongoing effort. Quincy’s Stormwater Management Program will be re-assessed during development of the Notice of Intent (NOI) for the next reissued General Permit to more efficiently use the City’s limited resources and staff time to leverage appropriate stormwater management.

The City continues to focus on drainage improvements to address pressing flood mitigation and climate resiliency issues and the City successfully leverages this work towards enhanced water quality and public understanding of stormwater issues. In Permit Year 13, the City of Quincy - Department of Public Works (DPW) initiated a series of outreach activities and improvements to existing stormwater management programs in anticipation of reissuance of the MS4 General Permit. The notable outreach and compliance program improvements are described in more detail below.

Notable stormwater management activities completed or underway in Permit Year 13 include:

Expansion and Refinement of Public Education Programs:

Quincy continues to refine and improve its engagement of the public on Public Works’ services, including stormwater best management. The flooding and water resources issues in the City have prompted an aggressive multi-faceted campaign to improve transparency on drainage and drainage management services through various media offerings. Attachment 1 has been included as a supplement to this annual report to demonstrate some of the various ways Quincy is reaching the public to improve understanding of drainage system maintenance and stormwater pollution best practices. Enhanced public engagement will continue to be a focus of efforts in PY14 as the City prepares for renewal of the MS4 General Permit.

The DPW has a consistent and ongoing information delivery system throughout the year through its InfoLetter. The InfoLetters from the City are sent out twice a year to ALL residents (40,000 households) and includes information on stormwater issues, pollution prevention and other related DPW services. The letter contains a message from the Mayor, recycling updates, specialty waste handling guidance, schedules for drainage maintenance activities, and other relevant DPW topics. Several supplemental “clean water” outreach handouts/flyers were prepared and delivered to Water and Sewer customers with quarterly bills. During PY13, Quincy developed the “Clean Water is Everybody’s Business” logo in an effort to brand DPW “clean water” programs. The DPW now includes this logo on all outreach materials. In addition to the InfoLetter, the DPW creates and distributes a DPW activity calendar available for residents at all public buildings and places of public accommodation that includes pertinent operations schedules (including street sweeping, yard waste pickup, hazardous waste dropoff days, etc.) and helpful information about “clean water” efforts by the DPW. The Department also delivers the calendar to residents upon request.

A few specific, targeted outreach efforts were also conducted in Permit Year 13:

On September 15, 2015, the DPW held a neighborhood meeting to provide an overview of the DPW efforts towards stormwater drainage system drainage best management and illicit discharge detection in the Squantum area. The Squantum area contains two public beaches and an expanded assessment of the neighborhood's drainage system was performed in PY13. This effort refined the drainage system GIS database and completed IDDE outfall screening for all area outfalls. A PowerPoint presentation describing the area's drainage system and why stormwater runoff management is essential to preserve the water quality of the beaches was presented to over 30 attendees. An overview of other important Public Works projects conducted in the area over the past several years was also presented. Meeting attendees were asked to help do their part in protecting water quality and keeping the drainage systems functioning.

On October 14, 2016 the DPW held a neighborhood meeting in the Adams Shore neighborhood to discuss upcoming sewer rehabilitation projects. The sewers scheduled for rehabilitation are located in tidal areas or along bathing beaches (Parkhurst—Hough's Neck). The Department also presented a PowerPoint presentation of important Public Works Projects completed in the area, including stormwater.

On December 17, 2015 the DPW held a third neighborhood meeting in the Quincy Point neighborhood to discuss upcoming scheduled rehabilitation of one of the City's major sewer pump stations. Over thirty (30) residents attended the meeting. One of the purposes for rehabilitation includes maximizing capacity at the pump station to reduce the occurrence of Sanitary Sewer Overflows.

On February 3, 2016, DPW staff attended the Quincy Chamber of Commerce Annual Meeting to provide information regarding its efforts on City utility maintenance and the importance of private utility maintenance. A "Clean Water is Everybody's Business" handout was developed outlining the importance of stormwater best management on both public and private property and ways that businesses can assist in this effort. The handout specifically outlines proper lawn maintenance, use and storage of salt and de-icing materials and other materials, and proper management of waste materials and dumpsters.

Quincy Stormwater Advisory Committee

To reinvigorate public involvement and participation in DPW decision-making regarding stormwater management programs and policies, the Stormwater Advisory Committee was appointed in 2015. The Stormwater Advisory Committee meeting was held on December 9, 2015 and discussed the goals, expectations and responsibilities of the committee, along with an introduction to the MS4 General Permit. A subsequent meeting was held on March 9, 2016 and focused on drainage systems as a flood control asset. Topics for future meetings included campaigning for stormwater pollution and flood management awareness, various outreach strategies including door hangers, QA TV, websites, and social functions. The Stormwater Advisory Committee is appointed by the Commissioner of Public Works, includes 9 citizens and watershed association representatives who will meet quarterly, and was developed to represent Quincy's demographics and neighborhood areas.

DPW's Illicit Discharge Detection and Elimination (IDDE) Program

In Permit Year 13, the City's current IDDE program was reviewed, refined and updated into a written Program Manual. The Program Manual outlines regulatory authority, screening, investigation and elimination workflow processes, and identifies priority catchments. The Manual identifies opportunistic inspections as a key component of the program, and the DPW developed, refined, and formally established an opportunistic inspection SOP for all W/S/D employees on September 18, 2015. To increase awareness and understanding of the SOP, the DPW held a training for W/S/D staff on September 9, 2015. Topics covered included the fundamentals of illicit discharges and how to identify them.

The City's IDDE ordinance was also refined and approved by the City Council in PY13. Improvements to the draft ordinance strengthens enforcement by allowing the Department, after proper notice, to undertake repairs and lien responsible property owners, and requires a drain system connection permit for all new or altered discharges.

Additionally, as an ongoing effort for IDDE, over 156 outfalls were visited for dry-weather screening and 3 priority outfall catchments in Squantum were investigated and found to be clear of illicit discharges through standard investigation protocol (e.g. sandbagging).

City of Quincy Stormwater Management Ordinances – Regulations

In PY13, the Department reviewed and revised the City's Stormwater Management Ordinances to better comply with the control measures defined in the MS4 General Permit and align with local, state, and federal regulations.

On June 16, 2015, the City of Quincy approved revisions to Quincy Municipal Code, Chapter 13.10, and 13.14 and the newly established Stormwater Management Regulations, which provides guidance to applicants to meet ordinance requirements. The City revised Quincy Municipal Code, Chapter 13.10 to further prohibit and enforce illicit discharge violations. Revised Section 13.10 is intended to prevent pollutants from entering the MS4 system, prohibit and remove all illicit discharge connections, comply with state and federal stormwater discharge statutes and regulations, and establish the legal authority for compliance. Additionally, this Section also requires a permit for new or altered connections to the City drainage system and establishes annual reporting requirements for long-term maintenance of post-construction stormwater management facilities.

Quincy Municipal Code, Chapter 13.14, was revised to refine performance standards and enforcement of stormwater management on development projects that disturb more than one acre of land. The revisions consolidated previously separate requirements for construction and post-construction obligations of development applications. Revised Section 13.14 is intended to require stormwater runoff controls for development projects during construction and post-construction and to clarify procedures, technical review fee structure, and inspection obligations.

The City developed Stormwater Management Regulations to provide details on submission requirements, procedures, and fees associated with meeting Quincy Municipal Code, Chapter 13.14, Stormwater Management Ordinance.

Urban Pond Restoration Initiatives

In PY13, DPW partnered with local, urban pond organizations to support their efforts toward pond restoration. The DPW funded a stormwater retrofit inventory within the Butler Pond watershed in order to identify stormwater management opportunities to remove phosphorus in runoff. Several retrofit opportunities were identified. It is anticipated that a private rain garden implementation program will be initiated in FY2017 with private landowners (as budget allows). The City (with support from DPW) has also initiated a watershed management and pond restoration planning effort in the Sailor's Pond watershed.

Private Infrastructure Assessment Program

As described in BMP 5-2, the DPW continued and expanded its Private Infrastructure Assessment program. The initial phase of the program involves an inventory of all privately owned water, sewer, and drain infrastructure located on private property. To establish the inventory the DPW researched utility ownership, directly contacted all owners requesting information for the inventory, and has met with various utility owners. Once the DPW develops an accurate private infrastructure inventory it can develop required Operation and Maintenance Requirements for inventory owners to ensure that use of private infrastructure does not negatively impact public assets. The information being sought from owners includes: outline of mapped infrastructure, emergency response personnel, a copy of emergency response plan, preventative maintenance and monitoring plans, and copies of outreach materials provided to residents regarding best practices for water, sewer and drain. This effort will improve the potential to identify illicit discharges (and broken private pipes) and also reduce the likelihood of inflow/infiltration into sanitary sewers which will reduce SSOs to the MS4. Several mandated repairs to sewer and stormwater management facilities have resulted from implementation of this program.

Drainage Infrastructure Cleaning, Maintenance, and Repair Program:

Quincy continues to implement a rigorous proactive evaluation and catch basin cleaning program utilizing Department personnel and a private contractor. The goal is to clean all of the City's catch basins every three (3) years on a consistent, rotating basis and to evaluate structural condition for repair during cleaning activities. The City has been segregated into four (4) zones for consistent tracking of catch basin cleaning efforts. The City's goal to clean catch basin's on a regular schedule to keep them below 50% capacity. Mobile technology applications are being utilized during assessment and cleaning activity to enhance tracking and provide basis for refinement of program implementation in future years. Dedicated catch basin repair projects, funded through a budgetary catch basin repair line item, have followed structural condition assessment and have become a standard annual capital renewal budget item. In calendar year 2015, 202 catch basins were identified as needing repairs and 75 were repaired.

Drain System Inspections and Cleaning:

The inspection program is now managed by dedicated staff and is funded annually. In 2015, over 4,500 linear feet of storm drain along Sea Street were investigated for structural deficiencies and cleaned. The DPW also conducted its annual cleaning and inspection of Hayward Creek (.5 miles) as required by the 1976 ACOE Flood Control Project. The inspection includes a full CCTV of the creek to ensure that channel flow is not being obstructed and the structural condition of the creek remains intact.

Flood Mitigation in Miller Street/ Cross Street/ Furnace Brook Area:

Prior to April 2014, the City purchased a parcel of land for a future stormwater pump station to alleviate flooding issues in this area of the City. The City submitted a Hazard Mitigation Grant Program Sub-Application to the Federal Emergency Management Agency (FEMA) for funds to build the pump station. On March 31, 2015, Congressman Lynch and Mayor Koch announced approval of the \$5.3 million FEMA Hazard Mitigation Grant to fund the design and permitting of the pump station. Meetings with FEMA have occurred, and construction is scheduled to begin in 2016-2017.

Wollaston Beach Outfall Rehabilitation Project:

Ten (10) drainage outfalls on Wollaston Beach have been evaluated for rehabilitation. One (1) outfall rehabilitation project is currently under design at Sachem Street and one (1) outfall rehabilitation project for Sachem Brook is completed.

North Quincy High School Public Works Improvement Project:

Since 2014, the City has been planning, designing, and permitting the redevelopment of the existing Teel Field athletic facility. Scheduled to commence construction activities in 2016, the Project is a transformative plan to improve the campus of North Quincy High School. The Project will improve long-standing neighborhood flooding problems, parking issues, and create a much needed new park facility to serve the burgeoning number of high school and youth sports programs across the City. The Project consists of the redevelopment of the Site to provide a cohesive school campus by constructing logistical improvements to Hunt Street for pedestrian, bus, and vehicular movements; a parking facility; and a synthetic turf athletic field outfitted for multi-sports.

The project (currently permitted and bid) will include stormwater infrastructure improvements for the facility. The replacement of existing drainage lines in current disrepair will provide improved hydraulics of the stormwater conveyance system. Two (2) surface and one (1) subsurface stormwater management systems will control runoff volume and provide stormwater treatment. Water quality treatment for the parking lot runoff will be provided by a constructed wetland in the form of a pocket wetland and a pretreatment forebay designed in accordance with the Massachusetts Stormwater Handbook. Additionally, groundwater recharge will be provided utilizing a second subsurface basin collecting surface runoff from the parking lot.

Additional major drainage improvements to address flooding across the City.

- West of Chestnut Utility Improvements.
- Adams Green Site and Utility Improvements.
- Completed condition assessments and investigations of drainage and sewer infrastructure in Downtown, including MBTA pump station and siphon structure.
- Investigation to drainage system interconnectivity in Town Brook subwatershed.

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 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
1-1	Classroom education on stormwater	Department of Public Works (DPW)	Outreach to Ecology Clubs in Schools	The DPW continued to make water conservation pamphlets and “Dwayne the Storm Drain” coloring books available at the DPW.	Measurable goals for 2003 General Permit have been met.
Revised				<p>The DPW uses a robot, R.E. Cycle to improve recycling and trash education in the schools each year.</p> <p>The City also participates annually in National Public Works Week, where high school students participate in the open house, and elementary students in grade 3 engage in tours and then are invited to participate in banner contest in later years. The Public Works Day publication highlights achievements by the students each year.</p> <p>Due to excessive snowfall in 2015, the spring Public Works day event was cancelled.</p>	DPW plans to continue this school outreach BMP.
1-2	Flyer & Brochure distribution	Department of Public Works	Develop & distribute materials for public education	The DPW continued to hand out “Water Wise Kids” and “Drink Local Tap” water conservation flyers provided by the MWRA.	Measurable goals for 2003 General Permit have been met.
Revised				The City also distributes information about curbside waste and recycling, yard waste, household hazardous waste collection, and proper disposal of hazardous waste/mercury/needles to every resident via mailings of a biannual “InfoLetter”.	DPW plans to continue this BMP.

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
				Additionally, the Water Consumer Confidence Report is issued to every City water customer annually and provides an effective messaging system for the City. This personalized letter to citizens asks them to engage in water resource protection best practices. This year’s letter requested assistance on prohibited discharges and best management of pet waste.	
1-3	Using the Media and Internet	Department of Public Works	Issue One Local Cable Public Service Announcement (PSA)	Local public access (QATV) regularly airs segments on beach closings, recycling programs, trash pickup schedules, and the City’s twice yearly Household Hazardous Waste Days, when residents can drop off items such as auto fluids, pesticides, thinners, and other eligible items. Announcements of DPW sponsored events such as National Public Works Week are also provided on QATV.	Measurable goals for 2003 General Permit have been met.
Revised				The City of Quincy DPW webpage http://www.quincyma.gov/Government/PWD/ contains a variety of postings regarding various topics with several related to stormwater and pollution prevention.	The City plans to continue this BMP.
1-3	Using the Media and Internet	Department of Public Works	Annual Article by the Sewer/Water/Drain Superintendent	The DPW uses the City’s website and the Public Works InfoLetter to meet this BMP. The InfoLetter is mailed to every resident twice a year and includes information on stormwater issues, pollution prevention, and other related City services.	Measurable goals for 2003 General Permit have been met.
Revised				The DPW provides an Annual Report for each fiscal year that includes information on	The DPW will continue to provide InfoLetters biannually and annual reports for each fiscal year.

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
				<p>stormwater management such as catch basin cleaning, street sweeping, litter cleanup, and waste management. The FY2015 Annual Report is in development and will be posted to the City’s website in Spring 2016.</p> <p>The DPW creates and distributes a DPW activity calendar available for residents at all public buildings and places of public accommodation that includes pertinent operations schedules (including street sweeping, yard waste pickup, hazardous waste dropoff days, etc) and helpful information about “clean water” efforts by the DPW. The Department also delivers the calendar to residents upon request.</p>	
1-3	Using the Media and Internet	Department of Public Works	Publish one storm water press release each year	In addition to the Public Works InfoLetter, press releases are provided on the City’s public website to educate the public about flooding and stormwater issues.	Continue to update City website as needed.
Revised					
1-3	Using the Media and Internet	Department of Public Works	Expand City Website to include Stormwater Topics and links	The City of Quincy DPW webpage http://www.quincyma.gov/Government/PWD/ contains a variety of postings regarding various topics with several related to stormwater and pollution prevention.	Continue to expand City website to include additional information as needed.
Revised					
1-4	Public Safety Fair	All City Departments	Annual Public Safety Fair	Due to excessive snowfall in 2015, the spring Public Works day event was cancelled.	The Public Safety Fair has been incorporated into National Public Works Day. The DPW plans to continue hosting National Public Works Week (weather permitting)
Revised					

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
1-5	Neighborhood Forums on Flooding	Department of Public Works	<p>PY7 – Perform outreach to residents in response to recent flooding</p> <p>PY8 – Perform outreach in response to projects identified to alleviate flooding</p> <p>PY9-PY10 – No goals planned</p>	<p>5 meetings were held in PY13 regarding FEMA flood mapping. These meetings helped to provide the residents of Quincy with the importance of maintenance of drainage systems and flood control programs and policies. The following outlines flooding meetings held in PY13.</p> <p>5/14/15 – Ward 3 Update Meeting 5/21/15 – Ward 5 Update Meeting 5/26/15 – Chapman’s Reach Update Meeting 5/27/15 – City-Wide Update Meeting 6/04/15 – Ward 1 & 2 Update Meeting</p> <p>On September 15, 2015 a Squantum Neighborhood Meeting was held to provide an overview of the Quincy Public Works efforts in the area. An expanded assessment of the neighborhood’s drainage system was performed as part of the City’s efforts to preserve water quality and to ensure public health and safety.</p> <p>On October 14, 2016 the DPW held a neighborhood meeting in the Adams Shore neighborhood to discuss upcoming sewer rehabilitation projects. The sewers scheduled for rehabilitation are located in tidal areas or along bathing beaches (Parkhurst—Hough’s Neck). The Department also presented a PowerPoint presentation of important Public Works Projects completed in the area, including stormwater.</p> <p>On December 17, 2015 the DPW held a third neighborhood meeting in the Quincy Point</p>	<p>Measurable goals for the 2003 General Permit have been met.</p> <p>The DPW will continue to hold neighborhood meetings as new Capital Improvement Projects are implemented.</p>

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
				<p>neighborhood to discuss upcoming scheduled rehabilitation of one of the City’s major sewer pump stations. Over thirty (30) residents attended the meeting. One of the purposes for rehabilitation includes maximizing capacity at the pump station to reduce the occurrence of Sanitary Sewer Overflows.</p> <p>On February 3, 2016, City DPW staff attended the Quincy Chamber of Commerce Annual Meeting to provide information regarding its efforts on City utility maintenance and the importance of private utility maintenance. A “Clean Water is Everybody’s Business” handout was developed outlining the importance of stormwater best management on both public and private property and ways that businesses can assist in this effort.</p>	

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
2-1	Storm Water Committee	Department of Public Works	Establish the Committee and meet quarterly	In PY13 the Stormwater Advisory Committee was reestablished. The Committee is comprised of nine members of the community. There were two meetings held, December 9, 2015 and March 9, 2016. The first meeting discussed the goals, expectations and responsibilities of the committee, along with an introduction to the MS4 General Permit. The March meeting focused on drainage system assets and flood control. Future committee efforts may include campaigning for stormwater awareness, various outreach strategies including door hangers, QA TV, Websites and social functions.	Measurable goals for 2003 General Permit have been met.
Revised	Interdepartmental Coordination and Assistance to Preservation Committees		Notify City departments of stormwater issues and assist Preservation Committees	<p>The DPW convenes monthly water-sewer-drain staff meetings each month to review and discuss stormwater management issues and develop plans to address them in a timely manner.</p> <p>Also, there are several committees specific to receiving waters (e.g., Save the Harbor/Save the Bay, Wollaston Beach Committee, Friends of Sailor’s Pond, and Friends of Butler’s Pond) that address environmental and water quality issues. The DPW supports these groups and DPW staff attended a Butler Pond cleanup on November 21, 2015.</p> <p>Friends of Wollaston Beach and Friends of Sailor’s Pond post information on their Facebook page regarding beach cleanups and other events. The Friends of Butler’s Pond has a list of calendar events on their website. The group hosted a Cleaner Greener Day on May 2, 2015. Additional information is provided on their website.</p>	<p>As needed, attend meetings to discuss progress and future goals for specific waters and watersheds of Quincy.</p> <p>Continue quarterly Stormwater Advisory Committee meetings throughout PY14.</p>

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
2-2	Storm Cleanup and Management	Department of Public Works	Track clean-up activities per year Track number of clean-up participants Track number of miles cleaned by volunteers	<p>The annual <i>Cleaner, Greener Quincy</i> day was held on Saturday May 2, 2015, from 9 a.m. to noon. Residents, volunteers (1000) and City departments cleaned the City’s parks, beaches, schools, marshes, and open space areas.</p> <p>Performed routine cleaning of the Town Brook By-Pass system behind Star Market on School Street. The by-pass system is a component of Town Brook flowing from the Braintree Dam to the Town River at Southern Artery. The By-Pass structure diverts peak (storm) flow into a Deep Rock Tunnel which flows under the City to Town River, thus mitigating flooding in the Downtown.</p> <p>In 2015, over 4,500 linear feet of storm drain along Sea Street were investigated for structural deficiencies and cleaned. The DPW also conducted it annual cleaning and inspection of Hayward Creek (.5 miles) as required by the 1976 ACOE Flood Control Project. The inspection includes a full CCTV of the creek to ensure that channel flow is not being obstructed and the structural condition of the creek remain intact.</p> <p>The DPW also regularly raked the ten (10) City beaches of debris, particularly during the <i>Cleaner, Greener Quincy</i> event.</p>	<p>The City plans to continue the <i>Cleaner, Greener, Quincy</i> event.</p> <p>Post storm cleanup is a function of the DPW and Parks Departments.</p>
Revised					

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
2-4	Pet Waste Collection	Department of Public Works	<p>Track number of Dog Parks</p> <p>Track number of Signs Posted</p> <p>Track number of Educational Materials Distributed</p> <p>Track number of “Pooper - Scooper Stations”</p>	<p>The City currently does not have dog parks, although several private developments have them, and encourages owners to clean up after their pets by advertising the City Ordinance when owners are required to annually license their pets and pick up dog tags. The Ordinance requires owners to clean up their pet's waste, control excessive barking, and ensure that their dog is properly vaccinated against rabies. Monetary penalties apply if the ordinance is not adhered to.</p> <p>Signs are posted throughout the City at the 38 fields/parks and 27 miles of beach referencing the City’s Ordinance. These signs are vandalized frequently and the Parks Department works to maintain and replace these signs.</p> <p>Information on pet waste disposal is maintained on the City website under “Tips to be a Good Neighbor” section.</p> <p>The City has initiated a catch basin marking and stenciling program to educate residents that all of our catch basins drain to brooks, rivers, or the ocean. The program has completed catchbasin markings in several Quincy neighborhoods, including Squantum, Howe’s Neck and portions of Merrymount.</p>	<p>Measurable goals for 2003 General Permit have been met.</p> <p>The City continues to enforce Ordinance.</p> <p>The City will continue to perform catchbasin marking in targeted neighborhoods throughout the City.</p>
Revised					
2-5	Flagship Beach Program	Department of Public Works and U.S. Environmental Protection Agency (EPA)	Coordinate with EPA as needed.	<p>Wollaston Beach is an EPA “Flagship Beach,” which receives frequent water quality monitoring and pollution source assessments. Water quality monitoring results are published on the Massachusetts Department of Public Health – Bureau of Environmental Health website http://www.mass.gov/eohhs/gov/departments/dph/programs/environmental-health/.</p>	As needed, the City plans to support EPA efforts at Wollaston Beach.
Revised				<p>The City coordinated with EPA and MassDEP to respond to an organic odor at Wollaston Beach in PY10. A study conducted in 2013 that included sampling determined that human fecal matter was not present. Results were summarized in <i>A Report on Chemical Analysis of Wollaston Beach, Quincy, Massachusetts May 2013 Beach Samples</i> (July 2013).</p>	

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
3-1	Drainage System Mapping	Department of Public Works	Locate all outfalls	The City has developed a drainage system map that shows the locations of all outfalls in the City and the names of the water bodies that receive discharges from the outfalls. The City continues to refine and revise its outfall maps. In Permit Year 13, the City visited over 156 outfalls for dry weather visual screening and/or sampling.	Measurable goals for 2003 General Permit have been met.
Revised					
3-1	Drainage System Mapping	Department of Public Works Engineering	Complete drainage system mapping	<p>Drainage system mapping is approximately 80% complete. Map includes 9329 catch basins, drainage manholes, ditch inlets, 43 tide gates, and connectivity, where known. As infrastructure projects and drainage system inspections are completed, the map is updated.</p> <p>The City purchased 5 iPads for use in the field as part of their catch basin cleaning program to record/verify catch basin locations, cleaning efforts, to collect structural condition information and for opportunistic inspection results of illicit discharges. The City is tracking illegal dumping information as a result of this effort for targeted outreach mailings or stenciling activity consistent with the IDDE Program Manual.</p>	<p>Measurable goals for 2003 General Permit have been met.</p> <p>The City will continue field verification of drainage system.</p>
Revised					
3-2	Outfall Testing Program	Department of Public Works	Inspect all City discharges	<p>The DPW screened over 156 outfalls in Permit Year 13, 24 sampled and 132 visually assessed, regularly inspects outfalls in flood prone areas and removes debris from both catch basins and outfalls with the vactor or clam truck. As needed, drain lines are also cleaned to reduce obstructions.</p> <p>The IDDE Program Manual (revised 2016) includes provisions for more detailed outfall screening procedures consistent with EPA Region 1 guidance.</p>	<p>The City will continue to implement its IDDE Program.</p> <p>The City will continue to clean drainage structures in flood prone areas and remove illicit connections.</p> <p>The City will also continue to clean and repair drainage and sanitary sewer infrastructure as part of the City's CIP.</p>
Revised					

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
				<p>The City maintains a complaint log of resident calls that voice drainage infrastructure operation and maintenance issues.</p> <p>Ongoing drainage system improvements are included in our DPW Operations Plan and include periodic inspections of drainage and sanitary sewer infrastructure for potential illicit discharges and to assess cleaning needs.</p>	
3-2	Outfall Testing Program	Health Department	Sample discharges with flow present	<p>The City of Quincy Health Department collects beach water quality data every Wednesday from June 18 through September 1, at thirteen (13) beach locations. The results are analyzed for enterococcus counts by a private laboratory, and are made available to the public and media by Thursday or Friday of each week throughout the summer months. EPA may conduct additional testing during the Summer (refer to BMP 2-5).</p>	Continue beach sampling and contamination source assessment.
Revised		Health Department and Department of Public Works		<p>The Massachusetts Department of Conservation and Recreation (DCR) collects daily samples (when feasible) from May 22 through August 31 at four (4) DCR beaches at Wollaston. The Massachusetts Department of Public Health – Bureau of Environmental Health publishes beach water quality monitoring results on their website: http://www.mass.gov/eohhs/gov/departments/dph/programs/environmental-health/. EPA New England also published DCR beach data and referenced the Massachusetts Department of Public Health site on their own website under the New England Beach Monitoring and Notification Program webpage: http://www.epa.gov/region1/eco/beaches/.</p>	

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
3-2	Outfall Testing Program	Health Department	Follow-up testing on discharges showing contamination	As part of ongoing drainage improvements throughout the City, follow up dye testing has been conducted by the DPW to determine if discharges are contaminated. The DPW also conducts dye testing if there is a potential sewer/drain crossover as part of ongoing drainage maintenance activities.	Continue drain system investigation efforts as part of drainage operations plan.
Revised		Department of Public Works		The City refined and redeveloped its standard SSO reporting program to enhance consistency in reporting, recording and communication and will work to ensure overlap with MS4 permit program. In PY 13, the DPW completed Phase 3 of a comprehensive drain and sanitary sewer investigation within several catchments of Wollaston Beach outfalls. These investigations consisted of drain and sanitary sewer CCTV (18,250 lf), dye testing and sampling for bacteria indicators. The investigation has resulted in recommendations for sewer system rehab, cleaning, and joint seal. DPW has developed and maintains an Emergency Services contract for emergency WSD repairs. This contracting mechanism allows the City to rapidly respond to sanitary sewer and drain emergency failures reducing the longevity of sills or leaks as a result of emergency situation.	
3-3	Illegal Dumping Education	Department of Public Works	Stormwater committee to distribute flyers, posters & other educational material	On September 15, 2015 a Squantum Neighborhood Meeting was held to provide an overview of the Quincy Public Works efforts in the area. An expanded assessment of the neighborhood's drainage system was performed as part of the City's efforts to preserve water quality and to ensure public health and safety. The City also identified ways the public can assist in protecting water quality and keeping the drainage systems functioning.	Measurable goals for 2003 General Permit have been met. The City will continue to perform catchbasin marking in targeted neighborhoods throughout the City.
Revised					

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
				<p>The City has initiated a catch basin marking and stenciling program to educate residents that all of our catch basins drain to brooks, rivers, or the ocean. The program has completed catchbasin markings in several Quincy neighborhoods, including Squantum, Howe’s Neck, and portions of Merrymount. Friends of Wollaston Beach have previously sponsored stenciling of “no-dumping” on catch basins around Wollaston Beach.</p> <p>Information on pet waste disposal is maintained on the City website under “Tips to be a Good Neighbor” section.</p> <p>Additionally, the Water Consumer Confidence Report is issued to every City water customer annually and provides an effective messaging system for the City. This personalized letter to citizens asks them to engage in water resource protection best practices. This year’s letter requested assistance on pet waste management.</p>	
3-3	Illegal Dumping Education	Department of Public Works	Document and investigate illegal dumps reported by citizens	DPW documents illegal dumping in daily complaint logs. As needed, the DPW responds to calls and enforces the City Ordinance (refer to BMP 3-4). Typical calls include plastic, pet waste, and chemicals dumped in catch basins.	Continue to implement BMP.
Revised				Constructed a new truck wash station. Many Operations will benefit from the completion of the truck wash which will keep the Department in compliance with vehicle washing regulations.	
3-3	Illegal Dumping Education	Department of Public Works	Enforce Penalties	DPW documents illegal dumping in daily complaint logs, responds to calls, and enforces the Illicit Discharge Ordinance. Additionally, and as a part of updated IDDE Program, the City will continue to track transitory illicit discharges (dumping) as a part of its catchbasin cleaning programs to identify targeted areas for illegal dumping outreach.	Continue to implement BMP.
Revised					

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
3-4	Ordinance Review and Update	Department of Public Works	Review and revise ordinances	In 2005, the City enacted Ordinance Governing Discharges to the Municipal Storm Drain System (#2005-094). IDDE ordinance was refined and approved by the Council in PY13. Improvements to the draft ordinance strengthens enforcement and requires drain system connection permit.	Measurable goals for 2003 General Permit have been met.
3-5	Flagship Beach Program	Department of Public Works & EPA		Refer to BMP 2-5.	Refer to BMP 2-5.
3-6	Sewer Manhole Replacement Project	Department of Public Works	PY7 – Perform sewer evaluation to prevent pollution of sensitive areas PY8 – Implement recommendations of sewer evaluation	Currently constructing the phase IIB of the City’s on-going I/I removal project. I/I removal projects over PY 13 include: <ul style="list-style-type: none"> • Open-cut spot repairs throughout coastal areas of the City to replace defected pipe that is leaking infiltration into the pipe. This work will also involve CIPP lining in select areas and will address structural and capacity concerns. • Completed the sewer replacement for Rice Road. This repair became necessary because of settlement and suspected infiltration. The project replaced approximately 1,500 linear feet of sewer and service laterals. A final infiltration removal quantity will be estimated upon completion of construction. The project cost \$1,213,490. • Completed an emergency open excavation repair of 70 linear feet of sewer on the 24-inch sewer that runs through Mallard Road onto Post Island Road. Also, completed the non- 	City will continue sewer manhole and pipeline assessment and rehabilitation projects in conjunction with the Massachusetts Water Resources Authority (MWRA). In the fall of 2015, the City of Lawrence awarded a \$1.9M contract to Insituform Technologies for the cleaning and cured-in-place-pipe (CIPP) lining of approximately 7,500LF of sewer pipe in various areas of the community. The CIPP liners will help reinforce the structural integrity of the pipe, keep groundwater infiltration out of the system, and reduce the likelihood of exfiltration into the separated stormwater system. The project is scheduled for completion in the Summer of 2016. An updated I/I and Sewer Risk Planning effort will commence in

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
Revised	Sewer Manhole Replacement and Infiltration/Inflow (I/I) Removal Projects			<p>emergency portion of the work in this area. A final CIPP liner was installed in the two remaining sections of sewer. It is estimated that this work has removed approximately 175,000 gpd of extraneous flow from the sewer.</p> <ul style="list-style-type: none"> • Completed emergency sewer repairs to a portion of Dysart Street. • Completed emergency repair to sewer on Martensen Street. • Completed emergency repair to 100 feet of sewer on Grafton Street. • Completed emergency sewer repair two Quincy Ave (#270). • Emergency Sewer Repair -Parke Ave. • Planned emergency sewer repair of 380 lf within John Street. • Emergency sewer repair Lansdowne Street. • Worked with downtown redevelopers to identify opportunities for I/I mitigation to be completed by the developers. • Designed and permitted CIPP rehabilitation to the following sewers: <ul style="list-style-type: none"> ○ Manet Ave to Parkhurt - 1770 feet ○ Sea Street at Manet Ave to Shoreside Rd. - 2400 feet ○ Utica Street to Meadowbrook School Marsh - 1700 feet 	2016. This will include Sanitary Sewer Evaluation Survey and Risk Analysis in targeted areas of the City. The investigation components of the SSES program have been developed to complement IDDE program in priority drainage catchments to reduce the need for duplicative investigations.

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
				<ul style="list-style-type: none"> ○ Wollaston Beech at Quincy Shore Drive to Lafayette at Furnance Brook Parkway - 3000 feet ○ Curtis Street to Carroll’s Lane - 988 feet ○ Mortiz Pond to Adele Road - 1587 feet. <p>DPW has developed and maintains an Emergency Services contract for emergency WSD repairs. This contracting mechanism allows the City to rapidly respond to sanitary sewer and drain emergency failures reducing the longevity of sills or leaks as a result of an emergency situation.</p>	

4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
4-1	Ordinance Review and Updates	Department of Public Works	Review and Revise current erosion and sediment control ordinance	The Stormwater Management and Land Disturbance Ordinance was refined and approved by the Council in PY13. Improvements to the draft ordinance strengthens enforcement and requires a stormwater management permit for development disturbing over one acre, subdivision plans requiring a definitive plan and projects with common plan of development that exceed one acre.	Measurable goals for 2003 General Permit have been met. Continue to implement and enforce ordinance.
Revised					
4-2	Construction Reviews	Department of Public Works	Develop and implement standard project review procedures	City’s DPW Engineering Divisions continued to implement the construction review process to ensure that all stormwater runoff from construction sites has adequate erosion and sediment controls. In addition, the Conservation Commission inspects construction sites in their jurisdiction for proper implementation of erosion and sediment control BMPs. DPW staff attend meetings twice a month with the Quincy Planning Departments to discuss new development or redevelopment projects. This attendance ensures coordination and review by DPW Engineering on sites that require a stormwater management permit.	Measurable goals for 2003 General Permit have been met.
Revised					
4-2	Construction Reviews	Department of Public Works & Building Inspection Services	Develop and implement standard construction details	City continues to work to develop standard construction details.	Measurable goals for 2003 General Permit have been met. Continue to implement BMP.
Revised					

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
4-2	Construction Reviews	Engineering	Develop and implement standard inspection review procedures, document inadequate sites/plans reported and non-complaint permits	Engineering Division and Conservation Commission implements standard inspection review procedures. Engineering Division rejects inadequate plans. Permits are not issued until appropriate corrections are made to plans.	Measurable goals for 2003 General Permit have been met. Continue to implement BMP.
Revised					
4-3	Public Information	Department of Public Works	Continue “Hot Line”	DPW continues to make 24-hour hot line available, and responds to emergencies.	Measurable goals for 2003 General Permit have been met. Continue use of hot line for public complaints.
Revised					
4-3	Public Information	Department of Public Works	Document & investigate complaints	DPW maintains daily log and enters all complaints received. Complaints are investigated.	Measurable goals for 2003 General Permit have been met. Continue to maintain log and investigate complaints.
Revised					

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 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
5-1	Ordinance Review and Update	Department of Public Works	Review and Revise Current Stormwater Ordinances	The Stormwater Management was amended and approved by the Council in PY13. Improvements to the draft ordinance strengthens enforcement and requires a stormwater management permit for development disturbing over one acre, subdivisions requiring a definitive plan or project with a common plan of development that exceed one acre.	Measurable goals for 2003 General Permit have been met. Continue implementation and enforcement of ordinance.
Revised					
5-1	Ordinance Review and Update	Engineering Dept.	Develop and implement standard construction details and policies	City’s Engineering Division continues to implement standard construction details and policies and conducts detailed review.	Measurable goals for 2003 General Permit have been met. Continue to implement BMP.
Revised					
5-2	Project Reviews	Department of Public Works	Develop and implement standard Project Review Procedures	Engineering and the W/S/D Division continues to implement standard project review procedures. DPW staff attend meetings twice a month with the Quincy Planning Departments to discuss new development or redevelopment projects. This attendance ensures coordination and review by DPW Engineering on sites that require a stormwater management permit.	Measurable goals for 2003 General Permit have been met. Continue to implement BMP.
Revised					
5-2	Project Reviews	Department of Public Works & Building Inspection Services	Develop and implement standard construction details	As needed, existing files are updated with construction details. As-builts are provided to the City following construction and archived.	Measurable goals for 2003 General Permit have been met. Continue to implement BMP.
Revised					

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
5-2	Project Reviews	Engineering	Develop and implement Standard Inspection Review Procedures	Engineering, W/S/D, and Building Inspectors have standard project review and inspection procedures in place. In PY 13, the City continued its “Private Infrastructure Assessment Initiative” to ensure that large commercial, industrial and residential properties are adequately maintaining sewer, water and drain systems. This initiative includes title research, outreach to facility owner or operators, meetings with owners and operators and review of infrastructure and O&M protocols.	Measurable goals for 2003 General Permit have been met. Continue to implement BMP.
Revised					
5-3	Project Reviews	Building Inspectors	Document inadequate site plans reported by inspectors	Ordinance enforced jointly by DPW & Inspectional Services. In Permit Year 13, a private facility was identified with inadequate maintenance of their stormwater management facility. Inspections by the City and voluntary cooperation by the private facility has resolved lack of maintenance of the stormwater management facility and resulted in a long-term operations and maintenance plan.	Measurable goals for 2003 General Permit have been met. Continue to implement BMP.
5-4	Project Reviews	Department of Public Works	Report non-compliant permits	Departments coordinate to resolve issues of non-compliance or the potential thereof.	Measurable goals for 2003 General Permit have been met. Continue to implement BMP.

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 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
6-1	Predictive Catch Basin Program	Department of Public Works	Continue with current program	City continued to inspect catch basins, storm drains, outfalls, and tide gates as part of drainage operations plan, public complaints, and flooding issues.	Continue to implement BMP.
Revised				<p>In PY12 and early PY13, the City completed Phase II of its proactive Comprehensive Storm Drain/Catch Basin Cleaning and Evaluation Program. Utilizing City personnel and an outside contractor, approximately 1381.57 tons of debris were removed from close to 1761 catch basins across the City.</p> <p>Structures (catch basins, drainage storm drains, and outfalls) are also cleaned, repaired, and replaced by the DPW on an as needed basis to address flooding issues. Approximately 75 catch basins were repaired, or replaced in 2015</p>	
6-2	Street Cleaning Program	Department of Public Works	Continue with current program, review the effectiveness of the program	With the purchase of a new street sweeper in PY11, the Highway Operations Department initiated a three (3) week street sweeping “blitz” that covers the entire City in the spring and fall, and allows crews to reduce street sweeping operations by five (5) weeks. During 2015, all streets were swept once during the spring and once in the fall. Weather permitting, the City sweeps the business district and high traffic areas on a daily basis throughout the year. Nineteen (19) tons of street sweeping residuals were removed from the streets and disposed in accordance with state guidelines.	Continue to implement BMP.
Revised					

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
				<p>In PY12, the Highway Operations Department implemented a new “salt-only” strategy to eliminate sand from the roadways during winter months and prevent sand from entering catch basins. This effort will reduce sweeping cleanup needs in all future permit years.</p> <p>DPW also conducts a curbside pickup of yard waste throughout the year. In PY 13 the DPW collected over 1000 yards of yard waste.</p> <p>Constructed a new truck wash station. Many Operations will benefit from the completion of the truck wash which will keep the Department in compliance with vehicle washing regulations.</p>	
6-3	Inspect City owned BMPs for Retrofit Opportunities	Department of Public Works	Inspect three structural BMPs per year and implement two retrofit projects	As needed, the City inspects Stormceptors, sand filtration systems, tide gates, and other drainage structures based on complaints or flooding issues.	Continue to inspect BMPs and identify retrofit opportunities to improve water quality and reduce flooding.
Revised					

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
6-4	Municipal Employee Training	Department of Public Works	Continue with current program	<p>City staff continued to be aware of proper maintenance procedures for parks and open space, City-owned vehicles and equipment, buildings, street sweeping, and the drainage system. City staff is familiar with proper practices to prevent pollution in stormwater due to municipal operations and new employees go through an orientation program covering these topics. Additionally, DPW staff attends conferences such as those sponsored by AWWA and NEWEA where technical seminars regarding stormwater are presented.</p> <p>In April 2015, 17 people participated in the City of Quincy DPW Waste Management and Massachusetts Right-To-Know Training course. This was part of the City's Emergency Response Operations Training initiative. This training was designed to familiarize DPW staff with waste characterization and container management requirements. The information presented complied with the training requirements found at 310 CMR 30.516, 30.1035, and 454 CMR 21.07.</p>	<p>Continue current practices and look for training opportunities/programs more specific to Quincy's stormwater challenges.</p> <p>In PY14, the City will continue the multiple phase HAZMAT training program for employees across Public Works. This training program will improve handling, labeling and best practices associated with materials and materials management.</p>
Revised					
6-5	Woodbine Street Stormwater Improvements Project	Engineering Department	PY7 and 8 – Proceed with Woodbine Street area drainage improvements	Measurable goal met. No work planned in Permit Year 13.	<p>Measurable goals for 2003 General Permit have been met.</p> <p>The City continues to implement their CIP that includes drainage improvement and stormwater treatment projects.</p>

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

The Final Pathogens TMDL for the Neponset River was developed on May 31, 2002 and addresses the following water body:

- Neponset River, Milton Lower Falls Dam, Milton/Boston to mouth at Dorchester Bay, Boston/Quincy (MA73-04).

The TMDLS is being met by BMP ID # 1-3, 2-2, 2-4, 2-5, 3-2, 3-3, 3-4, 3-5, and 3-6.

7b. WLA Assessment

The following table summarizes the WLA for the Neponset River:

Fecal Coliform Waste Load Allocations (WLAs) and Load Allocations (LAs) for the Neponset River and Identified Tributary Streams			
Surface Water Classification	Bacteria Source Category	WLA (organisms per 100 ml)	LA
B	Illicit Discharges to Storm Drains	0	N/A
B	Leaking Sanitary Sewers	0	0
B	Failing Septic Systems	N/A	0
B	Storm Water Runoff	GM ≤ 200 90% ≤ 400	GM ≤ 200 90% ≤ 400
B	Sanitary Sewer Overflows	0	0
SB	Illicit Discharges to Storm Drains	0	N/A
SB	Failing Septic Systems	N/A	0
SB	Storm Water Runoff (Boston, Milton and Quincy)	GM ≤ 88 90% ≤ 260	GM ≤ 88 90% ≤ 260
SB	Sanitary Sewer Overflows	0	0
SB	Combined Sewer Overflows	0	N/A

GM means geometric mean

N/A means not applicable

The City is making steady progress towards meeting the WLA through implementation of existing BMPs. Quincy DPW has become an organizational partner of the Neponset River Watershed Association (NepWRA). The City of Quincy has submitted a 604(b) planning grant application with NepRWA to assist in the development of a stormwater management facility retrofit inventory within the Neponset River watershed in Quincy.

Part IV. Summary of Information Collected and Analyzed

- Sampling was conducted at Quincy's public beaches. Results are available at:
http://mass.digitalhealthdepartment.com/public_21/beaches.cfm
<http://www.mass.gov/eohhs/gov/departments/dph/programs/environmental-health/>
<http://www.epa.gov/region1/eco/beaches/>

Attachment 1 – Example Educational Materials



City of Quincy, Massachusetts
Department of Public Works
Phone: 617-376-1959
E-mail: recyclequincy@quincyma.gov

2015 Fall/Winter InfoLetter

For more information visit our web site at
www.quincyma.gov

PRSRD STD
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Permit No. 1000

The Perfect Recycling Barrel



Get a coupon worth \$10 off the Perfect Recycling Barrel at Danny's or Curry Hardware by e-mailing recyclequincy@quincyma.gov or calling 617-376-1953.

POSTAL CUSTOMER

For curbside collection of appliances, TVs and monitors call 617-376-7556 at least one full business day before your regular trash day.



Dear Friend,

I know it seems a little too soon, but it won't be long before the leaves start to turn. And that means the Department of Public Works is preparing for its annual

transition from road construction and infrastructure improvements to its fall and winter operations of leaf collection, street-sweeping, and of course, snow removal. Please take a moment to review the DPW Fall/Winter 2015 InfoLetter. Inside, you will find important information on yard waste pick-up and street sweeping schedules, winter parking rules and important phone numbers in an easy-to-read format. Keep the InfoLetter handy, as the information provided will be pertinent until next spring. As always, please do not hesitate to contact my office at 617-376-1990 if I can be of assistance in any matter.

Sincerely,

Mayor Thomas P Koch

Important Numbers

24-Hr. Emergency	617-376-1910	Sunrise Scavenger	617-376-7556
Commissioner	617-376-1959	Engineering	617-376-1950
Water Billing	617-376-1918	Traffic Engineer	617-376-1962
Water/Sewer/Drain	617-376-1910	Street Sweeping	617-376-1957
Waste and Recycling	617-376-1953	Por Hole Hotline	617-376-1914
or, recyclequincy@quincyma.gov		DPW Related Claims	617-376-1525

About TVs and Toilets



To have televisions and computer monitors collected by our curbside trash collector you must call Sunrise Scavenger at 617-376-7556 at least one full business day before your regular trash.

Toilets will not be collected curbside. Toilets should be brought to the Braintree Transfer Station or disposed by your plumber/contractor. For more information call the Braintree Transfer Station at 781-843-6209.



若需要 Sunrise(日出) 垃圾收集公司在路邊收取你廢棄的電視機或電腦螢幕機件, 你必須在你垃圾收集日的兩天前預先電話通知。電話號碼: 617-376-7556.

請不要把廁所馬桶放在路邊等候收集。它們不會被收取。廁所應送到 Braintree 垃圾轉運站或由你的修水喉工人/工程承包商處理或棄掉。詳情查詢, 請電 Braintree 垃圾站: 781-843-6209.



2015 Fall/Winter InfoLetter

Volume 4 Issue 1



INNOVATION*HARD WORK*RESULTS

At the Department of Public Works, we continue to develop ways to deliver the services you expect and deserve and deliver them more efficiently. Over the last several years we have implemented a number of initiatives and expanded greatly upon existing operations. Here are some of the important programs we have been working on this year:

STREET SWEEPING

Our new street sweeping schedule allows us to sweep every street in the city at least twice a year. This important work prevents tons of material from entering our drainage system.



Merrymount Road, Edison Street, Wallace Road, Faxon Road, Glover Avenue, Dickens Street, Rockland Street, and Dorchester Street.

ROADWAY MARKINGS

Roadway markings enhance pedestrian safety and vehicular separation. This year we painted:

- 500 crosswalks.
- Hundreds of arrows, stop bars and "only" signs.
- 1,500,000 feet of yellow and white, four inch lane lines.

SIDEWALK REPAIRS

In partnership with a private contractor we repaired a record-breaking 18,000 square feet of damaged sidewalks throughout the city and scheduled repairs to 300 additional trip hazard locations for ADA compliance.

WATER MAINS

New water mains were installed on East Squantum Street, Dorchester Street and Rawson Road. This important work ensures drinking water quality and uninterrupted service.

For the 5th consecutive year our department received the Public Water System Award for outstanding performance and achievement.

HYDRANT FLUSHING

We completed inspection and flushing of our 2,549 fire hydrants ensuring that each hydrant is in serviceable condition and will deliver sufficient flow.

ROAD CONSTRUCTION

Our expanded road reconstruction included repairs to Parke Avenue, Whiton Avenue, Ellis Street, Victoria Road, Highland Avenue, Field Street,



Grafton Street as part of our routine inspection of our sewer collection system.

DRAINAGE

As part of Mayor Koch's commitment to improve our public infrastructure we:

- Initiated a comprehensive assessment of our 150 mile drainage system.
- Cleaned 2,566 catch basins.
- Removed 650 tons of material which dramatically improves the efficiency of our system.
- Enacted an amended drain ordinance.
- Repaired our catch basins.
- Applied medallions to catch basins to raise awareness that catch basins flow directly to water ways.

PUMP STATIONS

- Completed construction of the Fort Square pump station which services a major portion of South Quincy. The station is equipped with a Supervisory Control and Data Acquisition (SCADA) control system that allows operators to remotely monitor and control the flow of water through its pumps.
- Evaluated the Quincy Point pump station. Design is complete and construction is scheduled for 2016.

SOLAR COMPACTORS

Using donations, we purchased and deployed 22 BigBelly solar compactors in the Wollaston and North Quincy business districts and other areas saving thousands of dollars in man hours and fuel.

HISTORIC POT HOLE REPAIRS

By being proactive and utilizing our public/private resources, we identified and repaired over 10,000 potholes.



Household Hazardous Waste Drop-off Day



Household hazardous waste drop-off day is **Saturday, October 3, 2015**. Due to exceptionally increasing participation the hours of operation have been expanded from 8 am to 11 am at the DPW yard, 55 Sea St. This service is free and available to Quincy residents only. Proof of residency is required with a MA Driver's License.

Some of the eligible items for disposal are mercury items such as thermometers and thermostats, paints, thinners, oils and varnishes, household cleaners, automotive fluids, chemical fertilizers, insecticides, ni-cad and lithium batteries, roofing tar and driveway sealants.

When gathering products for the drop-off event, leave materials in original containers and tighten all caps and lids. Sort and pack items separately in sturdy upright boxes. **NEVER MIX CHEMICALS**. Do not smoke while handling hazardous material and do not bring children in the car with you.

Items not accepted at the hazardous materials drop-off day are tires, ammunition, fireworks, explosives, prescription medicine and radioactive waste. For the proper disposal of these materials visit the City's website www.quincyma.gov.

Winter Parking Rules

To find out if a snow emergency has been declared call **617-770-7669** for a recording. If you have cable TV, tune in to channels 8 or 11. On your computer, go to the City's web page at www.quincyma.gov.

You can also receive **ALERTS** directly to your personal e-mail or your cell phone by signing up at <http://www.quincyma.gov/CityLink>. Once a snow emergency has been declared, you can get further help by calling the Snow Hotline at 617-376-1927.

The following winter parking rules apply during every Snow Emergency.

No parking allowed on either side of Emergency Arteries during a Snow Emergency. Residents on side streets (non Emergency Arteries) are allowed to park

on the **ODD SIDE** of the street this snow season. This is determined by which year the snow season begins. During odd year snow seasons (2015), parking is permitted on the odd side of the street.

Overnight parking on the street is **prohibited** all year without a resident parking permit. Permits are available at the Quincy Police Department, One Sea Street.

Vehicles in violation of winter parking rules will be towed at the owner's expense. Also, if your vehicle is impeding snow removal operations (i.e. parked too close to an intersection, etc.) it will be towed. The average tow fee is \$125, plus the cost of storage. No exceptions can be made for short term parking. For more information please reference our Winter Season 2015-16 Snow and Ice Management Policies and Procedures found at www.quincyma.gov.



Parking is allowed on the **ODD** side of the street during Snow Emergencies this winter season.

How To Recycle

sticker on any existing barrel. Single Stream stickers and a coupon worth \$10 towards a recycling barrel are available at the DPW and City Hall. Call 617-376-1953 or e-mail recyclequincy@quincyma.gov to have them mailed to you.



- All paper, envelopes, magazines and catalogs (paper clips and staples OK)
- All cardboard (*must be flattened*)

- Paperback books
- Shredded paper in clear plastic bags
- Milk and juice cartons
- Paper bags
- Fax and computer paper

- Cereal boxes
- Toilet paper cores
- Egg cartons
- Frozen food boxes
- Soap boxes

Do Not Recycle:

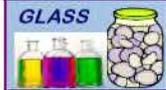
- Paper towels, napkins
- Wax paper
- Rigid plastic (bikes, chairs)
- Plastic bags, food wrap
- Cellophane
- Styrofoam
- Dishes and plates
- Windows
- Ceramics
- Mirrors
- Light bulbs
- Coat hangers
- Bring scrap metal to DPW yard



- Soda, juice and water bottles
- Shampoo bottles

- Milk and juice jugs
- Detergent, bleach and softener bottles

- Clean yogurt and food containers



- All colors
- Condiment jars
- Fruit and sauce jars

- Baby food jars
- Wine, beer and soda bottles



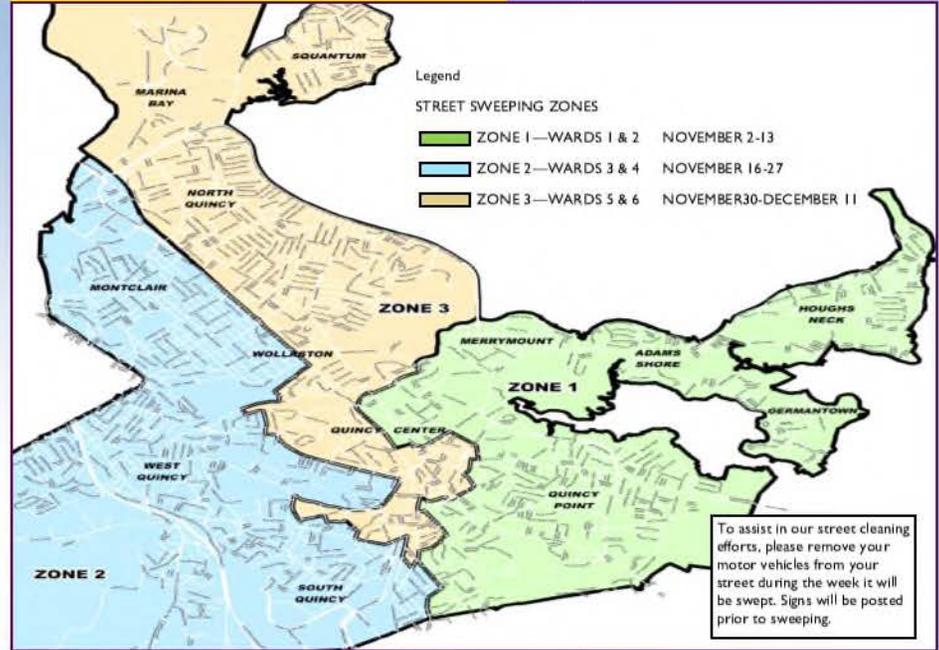
- Aluminum and tin cans
- Clean tin foil

- Aluminum pie plates and serving trays

- Empty aerosol cans



Street Sweeping Schedule



Yardwaste Schedule

Yardwaste is collected on your regular trash day during the highlighted weeks of this calendar. Place leaves, grass clippings and twigs into paper bags, cardboard boxes or in barrels marked with YARDWASTE stickers. Stickers are available at the DPW, 55 Sea St., the City Hall Information Desk, by e-mailing recyclequincy@quincyma.gov or by calling 617-376-1953. **DO NOT PLACE YARDWASTE IN PLASTIC BAGS.**

Branches must be cut into 3-foot lengths and cannot be thicker than 2.5 inches. Branches and brush must be bundled and tied. No waste should weigh more than 50 lbs.



You may drop-off yardwaste and recyclables at the DPW yard M-F, 7:30 A.M. to 3 P.M. and on Saturdays, mid-April through mid-December from 7:30 A.M. to 2:30 P.M.

Yard Waste Collection Day

- **Holiday**
No Curbside Collection
Trash delayed one day all week
- ◇ **Household Hazardous Waste Drop-off Day**
- **Christmas Tree Collection**





City of Quincy, Massachusetts
 Department of Public Works
 55 Sea St.
 Quincy, MA 02169
 Phone: 617-376-1957
 E-mail: recyclequincy@quincyma.gov
 Or see us on the web
<http://www.quincyma.gov>

Department of Public Works
InfoLetter
 2016 Spring/Summer

PRSR STD
 ECRWSS
 U.S. Postage
 PAID
 Brockton, MA
 Permit No. 1000



2016 Spring/Summer
InfoLetter
 Volume 4 Issue 2



**Your Quincy Water:
 Providing Quality and Transparency**

At your Department of Public Works, doing our part to provide safe, clean water to all of our residents and businesses is among our highest priorities, and it always has been.

We are all aware of the recent events in Flint, Michigan regarding drinking water contaminated by extremely elevated levels of lead, and we wanted to use this newsletter to tell you a little about how your water is provided and describe the steps the City, together with our partner at the Massachusetts Water Resources Authority, takes to ensure that your water is among the cleanest and safest supply anywhere.

In April 2014, Flint switched its water supply from the Detroit River to the Flint River in an effort to save several million dollars a year. Almost immediately residents reported strange colors, bad smells and bad tasting water coming from the tap. Simple corrosion controls were not added to the water supply and experts agree that the "corrosive Flint River water caused lead from aging



carbon dioxide. These treatments provide primary, secondary and residual disinfectants, corrosion control, and promote dental health. Annual and monthly test results are posted on www.mwra.com. The MWRA also tests over 1,600 water samples per month, before reaching household taps. Lead is no longer used or installed in water distribution systems but it is still found in some older homes and buildings in many communities.

This Department and the MWRA value transparency and information sharing. Each year, Quincy collects water samples from 15 homes across the City and submits these samples to the MWRA for testing. Quincy consistently meets or exceeds testing criteria and requirements.

If you have any questions, or if you are concerned with the quality of your water, or if you notice a change in the taste or odor of your water please call 617-376-1910. We will inspect your water service line and provide you with information on how to get your water tested, and if necessary, information on how to have your water service line replaced.

We believe we have the safest, best tasting water in the country and we intend to keep it that way.

pipes to leach into the water supply, causing extremely elevated levels of lead."¹

Quincy's water is supplied by the Massachusetts Water Resources Authority which was created in 1985. The source is the Quabbin and Wachusett Reservoirs west of Boston. These reservoirs supply water to 51 communities providing a combined 200 million gallons a day of high quality water. The watersheds are naturally protected with over 85% of the water sheds covered in forest and wetlands. The streams and reservoirs are tested often and patrolled daily by the Department of Conservation and Recreation (DCR).

MWRA water is monitored by a state-of-the-art system, 24 hours a day, seven days a week to make sure it stays free of contaminants. Licensed treatment operators treat drinking water according to strict state and federal regulations. Treatment includes ozonation, ultraviolet light, chlorine, fluoride, sodium carbonate and



WIS/D Engineer Peter Hoyt and General Foreman Mark Valpando receive the Commonwealth of Massachusetts Department of Environmental Protection (DEP) Drinking Water Program Public Water System Award for Outstanding Performance and Achievement from Department of Environmental Protection Commissioner David Cash and State Representative Bruce Ayers

QUINCY SAVES
 Save energy and money by getting a free home energy assessment. Contact www.HomeWorksEnergy.com/Quincy-Saves or call HomeWorks Energy at (617)855-9889, or www.NextStepLiving.com/Quincy or call Next Step Living at (855)704-2992

POSTAL CUSTOMER

Please have your trash out by 7 am on your regular trash day. Pick-up times are subject to change without notice.

For curbside collection of appliances, TVs and monitors call 617-376-7556 at least 2 full business days before your regular trash day.



Dear Friends,
 It looks like we may have escaped the winter with a below-average amount of snow fall. But I hope you'll join me in knocking on wood – as we all know what New England weather can bring through March and even into April.

One thing that is certain is the Department of Public Works continues its commitment to the quality of life in Quincy. Every day, the men and women of the DPW work diligently to ensure that we have clean, fresh water, a healthy sewer network, safe streets and sidewalks and dependable trash service among other things. Also, there are many projects both planned and underway to improve and enjoy our great city.

So, please enjoy the spring and summer seasons ahead and feel free to call the DPW or my office anytime for any reason at all.

Sincerely,

 Mayor Thomas P. Koch



The Earth Machine composter is available for purchase at the DPW rear yard M-F from 7:30 am to 3 pm and on Saturdays through December 10, from 7:30 am to 2:30 pm (weather permitting). Through a grant from the state Department of Environmental Protection the cost is only \$50 each.



The Great American Rain Barrel Company of Hyde Park, MA is taking orders for this year's distribution at the DPW parking lot at 55 Sea St., on May 10, 2016 from 5 to 7 pm. Rain Barrels are \$79 each and orders must be in by 5 pm on May 3, 2016. For more information call **800-251-2352**.

The Perfect Recycling Barrel Get a coupon worth \$10-off the Perfect Recycling Barrel at Danny's or Curry Hardware by e-mailing recyclequincy@quincyma.gov or calling 617-376-1953.



¹ Wikipedia: The Flint Water Crisis. Wikinews Foundation, Inc. 2017/01/16. Web. 28 09/2016. http://en.wikinews.org/wiki/Flint_Water_Crisis

Important Numbers

24-Hr. Emergency.....617-376-1910
 Commissioner Raymond.....617-376-1959
 Legal Counsel.....617-376-1525
 Water Billing.....617-376-1918
 Water/Sewer/Drain.....617-376-1910
 Waste and Recycling.....617-376-1953
 or, recyclequincy@quincyma.gov
 Sunrise Scavenger.....617-376-7556
 Engineering.....617-376-1950
 Traffic Engineer.....617-376-1962
 Street Sweeping.....617-376-1957
 Pot Hole Hotline.....617-376-1914
 DPW Related Claims.....617-376-1525



Recycling

Curbside collection of Single Stream Recycling is provided every week to residents of buildings with 8 units or less. The City does not distribute recycling containers. Put a free, blue Single Stream recycling sticker on any existing barrel. Single Stream stickers and a coupon worth \$10 towards the purchase of the Perfect Recycling Barrel are available at the DPW and City Hall. Call 617-376-1953 or e-mail, recyclequincy@quincyma.gov to have them mailed to you.

Employee Spotlight

Roy Pettinelli

Parking and Traffic Working Foreman Roy Pettinelli said goodbye to his friends and co-workers in January after 41 years of dedicated work in the same division. Often described as the institutional memory of Parking and Traffic, Roy came here right out of high school in 1974. Back then, Richard Nixon was president, Walter Hannon was mayor of Quincy and the OPEC-driven oil embargo of 1973 made the gas-sipping Ford Pinto and Plymouth Valiant the best selling cars in America. Roy retires at the very young age of 60. Looking at him you would say he looks like an "iron man" with at least another 60 years to go. He has 4 beautiful daughters, three of which are triplets. His wife of 38 years, Jane, retired on the same day. An avid exerciser,

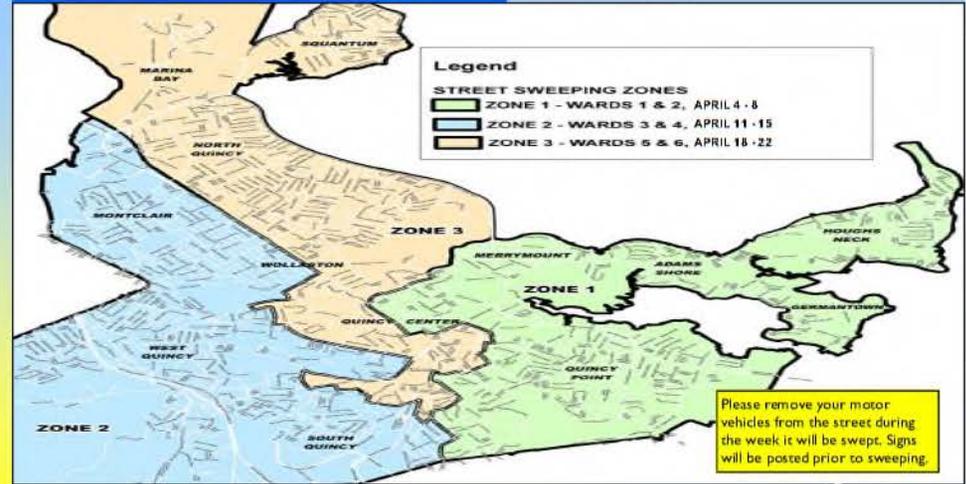


Members of the Traffic and Parking Division (l-r): Debbie Finnigan, Bill Foley, Roy Pettinelli, Rich Simone, Fran Doherty and Steve Kubit gather for a photo at Roy's farewell breakfast.

Roy had been getting up every day at 4:30 a.m. to go to the gym and be in work by 7 a.m. That routine has changed and Roy doesn't get up at 4:30 a.m. anymore. "It's really strange and will take some getting used to," he said. All this change is hard to take after 41 years and Roy says he already misses his friends in work. He is quick to add that this too will change. "Jane and I are looking forward to traveling and maybe spending winters in Florida.

Street Sweeping Schedule

(Weather Permitting)



Household Hazardous Waste Drop-off Day

Saturday, May 14, 2016 at the DPW rear yard, 55 Sea St., 7:30 am to 11 am. For Quincy residents only. MA Driver's License is required.



When gathering products for the drop-off event leave materials in original containers and tighten all caps and lids. Sort and pack items separately in sturdy upright boxes. NEVER MIX CHEMICALS. Do not smoke while handling hazardous material and do not bring children in the car with you. For a complete list of materials, accepted and unaccepted, visit the DPW home page at www.quincyma.gov.

Yardwaste Schedule

Yardwaste is collected on your regular trash day during the highlighted weeks of this calendar. Place leaves, grass clippings and twigs into paper bags, cardboard boxes or in barrels marked with YARDWASTE stickers. NO PLASTIC BAGS. Stickers are required on all yardwaste barrels. Branches must be cut into 3-foot lengths and cannot be thicker than 2.5 inches. You may drop-off yardwaste and recyclables at the DPW yard M-F, 7:30 am to 3 pm and on Saturdays, April 23 through December 17, from 7:30 am to 2:30 pm.

MARCH							APRIL							MAY							JUNE						
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Yard Waste Collection Day (Green background)
 Holiday (Blue circle)
 Household Hazardous Waste Drop-off Day (Red diamond)

PAPER



- All paper and cardboard (paper clips and staples OK)
- Mail and envelopes (with windows OK)
- Magazines and catalogs
- Paperback books
- Shredded paper in clear plastic bags
- Milk and juice cartons
- Paper bags
- Fax and computer paper
- Cereal boxes
- Toilet paper cores
- Egg cartons
- Frozen food boxes
- Soap boxes

Do Not Recycle:

- Paper towels, facial tissues, towelettes, and napkins
- Wax paper
- Hard cover books (Bring all books, cassettes and video tapes to DPW yard)
- Rigid plastic
- Plastic bags, food wrap
- Cellophane
- Dry cleaning bags
- Styrofoam
- Broken glass, cups, dishes and plates
- Windows
- Ceramics
- Mirrors
- Light bulbs
- Coat hangers
- Bring propane tanks to Curry Hardware Store
- Bring scrap metal to DPW yard

PLASTIC



- Soda, juice and water bottles
- Shampoo bottles
- Milk and juice jugs
- Detergent, bleach and softener bottles
- Clean yogurt and food containers

GLASS



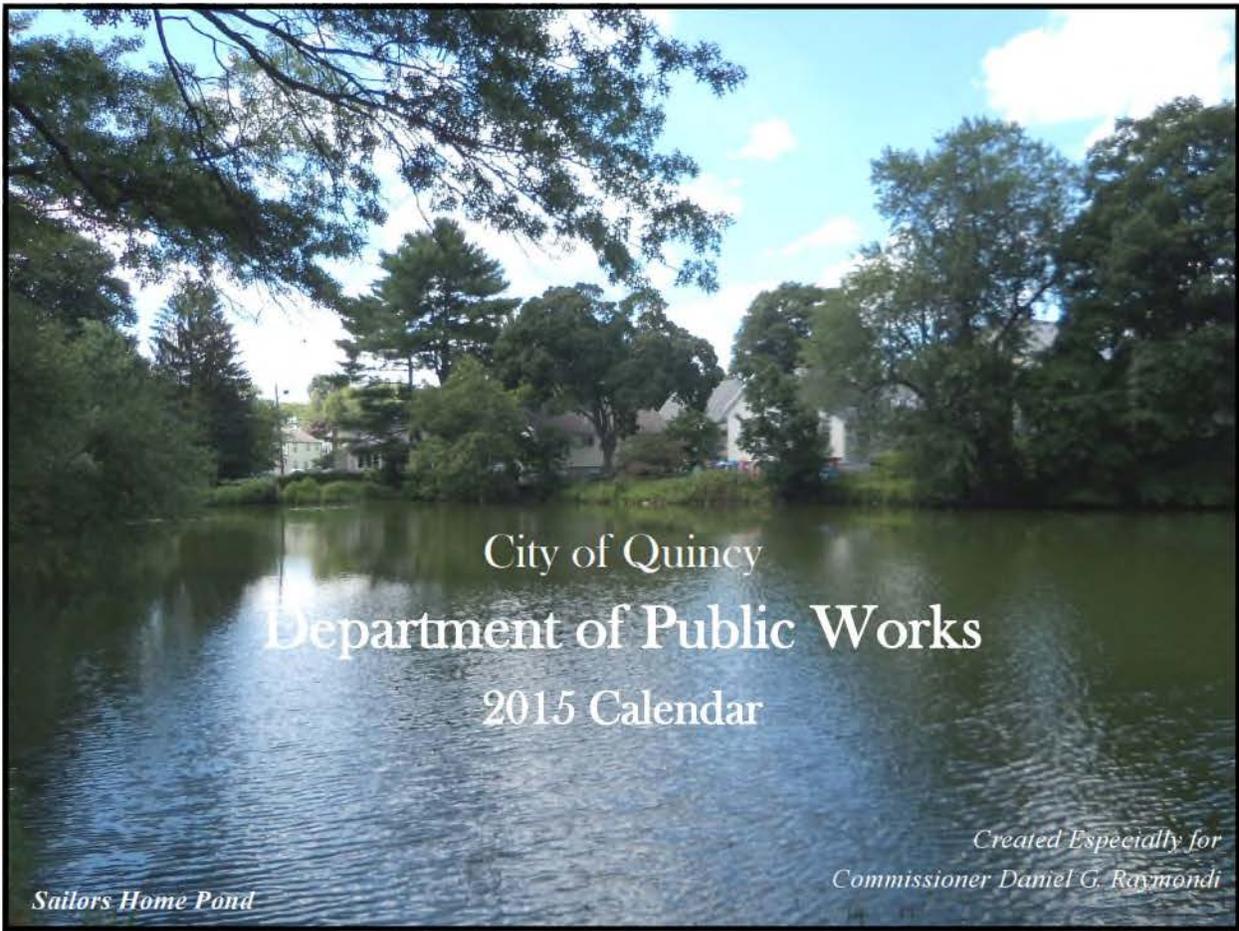
- All colors
- Condiment jars
- Wine, beer and soda bottles
- Fruit and sauce jars
- Baby food jars
- Vinegar bottles

METAL



- Aluminum and tin cans
- Aluminum pie plates and serving trays
- Clean tin foil
- Empty aerosol cans





City of Quincy
 Department of Public Works
 2015 Calendar

*Created Especially for
 Commissioner Daniel G. Raymond*

Sailors Home Pond

**City of Quincy
 Department Phone Numbers and Faxes**

Animal Control.....	(617) 376-1364	
Assessors.....	(617) 376-1170	(617) 376-1185
Auditor.....	(617) 376-1413	
Cemetery.....	(617) 376-1295	(617) 376-1293
City Clerk.....	(617) 376-1130	(617) 376-1139
City Council.....	(617) 376-1343	(617) 376-1345
Collector.....	(617) 376-1085	
Constituent Services.....	(617) 376-1500	(617) 376-1202
Council on Aging-Elder Services.....	(617) 376-1506	(617) 376-1248
Energy Manager.....	(617) 376-1542	
Emergency Management.....	(617) 376-1105	(617) 376-1107
Engineering.....	(617) 376-1950	(617) 376-1946
Fire.....	(617) 376-1040	(617) 376-1409
Health.....	(617) 376-1270	(617) 376-1271
Housing Rehab.....	(617) 376-1055	(617) 376-1057
Human Resources.....	(617) 376-1066	(617) 376-1520
Information Technology.....	(617) 376-1120	(617) 376-1122
Inspectional Services.....	(617) 376-1450	(617) 376-1465
Library.....	(617) 376-1312	(617) 376-1313
Mail Room.....	(617) 376-1099	
Mayor.....	(617) 376-1991	(617) 376-1995
Municipal Finance.....	(617) 376-1268	(617) 376-1467
Parks.....	(617) 376-1251	(617) 376-1259
Planning.....	(617) 376-1362	(617) 376-1097
Plumbing/Gas.....	(617) 376-1485	
Police.....	(617) 479-1212	(617) 745-5749
Public Buildings.....	(617) 376-1542	(617) 689-8310
Purchasing.....	(617) 376-1060	(617) 376-1074
Quincy Access TV.....	(617) 376-1440	(617) 376-1442
Recreation.....	(617) 376-1395	(617) 376-1259
Retirement.....	(617) 376-1075	(617) 376-1149
School.....	(617) 984-8700	
Street Light Hotline.....	(617) 376-1490	
Solicitor.....	(617) 376-1516	(617) 376-1519
Treasurer.....	(617) 376-1095	
Veterans.....	(617) 376-1193	(617) 376-1196
Water/Sewer/Drain.....	(617) 376-1910	(617) 376-1451
Wiring.....	(617) 376-1480	(617) 376-1484

**MAYOR
 THOMAS P. KOCH**

**Department of Public Works
 Phone Numbers and Faxes**

24-Hr. Emergency.....	(617) 376-1910	
Commissioner Raymond.....	(617) 376-1959	(617) 376-1969
Engineering.....	(617) 376-1950	(617) 376-1946
Pot Hole Hotline.....	(617) 376-1914	
Snow Removal.....	(617) 376-1927	
Street Sweeping.....	(617) 376-1957	
Sunrise Scavenger.....	(617) 376-7556	(617) 376-9000
Traffic Engineer.....	(617) 376-1962	(617) 376-1969
Waste and Recycling.....	(617) 376-1953 or, recyclequincy@quincyma.gov	
Water Billing.....	(617) 376-1918	(617) 376-1451
Water/Sewer/Drain.....	(617) 376-1910	

**COMMISSIONER
 DANIEL G. RAYMONDI**





Quincy celebrates National Public Works Week.

MONTHLY KEY		Sun	Mon	Tue	Wed	Thu	Fri	Sat																																																																																														
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Join us...

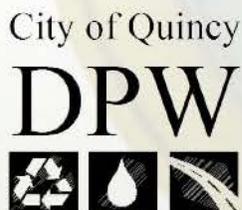
for an overview of Quincy Public Works efforts in Squantum

September 15, 7pm - Council on Aging, 440 East Squantum Street

As indicated in our letter to you, dated July 16, 2015, the City of Quincy and its engineering teams have conducted an expanded assessment of your neighborhood's drainage systems. This assessment is a part of broader efforts across the City to preserve water quality and to ensure public health and safety. We would like to share our results with you.

At this meeting we will be describing:

- ✓ How the drainage system works in Squantum and where it is located.
- ✓ Why stormwater runoff management is essential to preserve the water quality of our beaches.
- ✓ How you can help us protect water quality and keep drainage systems functioning.
- ✓ An overview of the myriad of Public Works projects conducted in Squantum over the past several years.

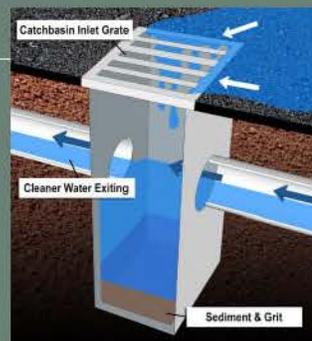


Daniel G. Raymondi
Quincy DPW Commissioner



Squantum Drainage System Facts:

- 5.61 Miles of Drainage Pipe
- 87 Drain Manholes
- 282 Catchbasins (Drain Inlets)
- 29 Drainage Discharge Points



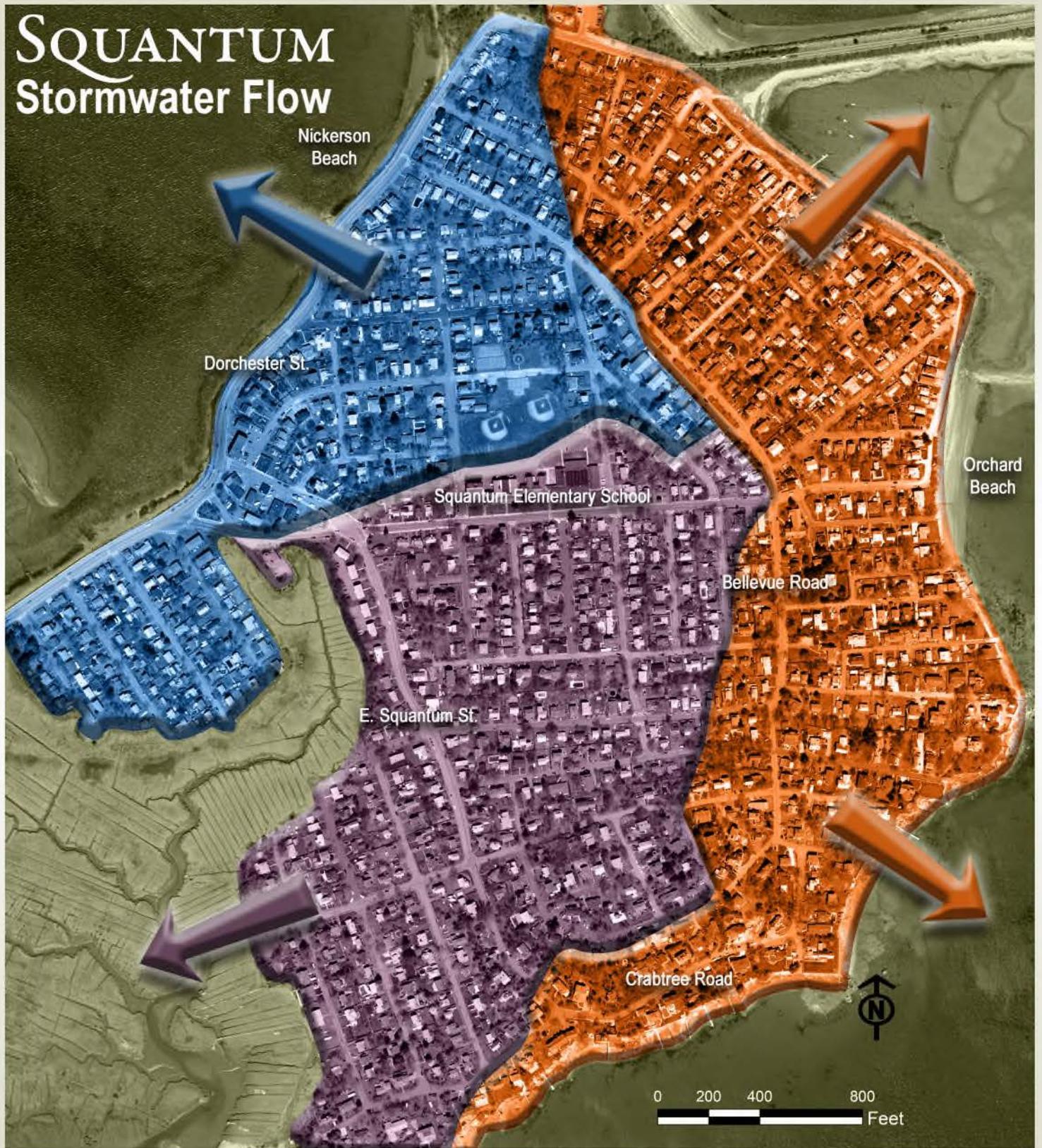
QUINCY
Clean Water is Everybody's Business

Thomas P. Koch, Mayor

Daniel G. Raymondi, Commissioner



SQUANTUM Stormwater Flow



QUINCY

Clean Water is Everybody's Business

Thomas P. Koch, Mayor

Daniel G. Raymondi, Commissioner





CLEAN WATER IS EVERYBODY'S BUSINESS

City of Quincy

DPW



Help Keep Stormwater Drainage Systems Working! Remove Leaves and Debris from Catch Basins

When the leaves change color this fall, remember this: leaves that collect on top of catch basins in the streets block rainwater from entering the stormwater drainage system, which may result in drainage problems in your neighborhood.

Quincy Public Works performs a variety of maintenance activities throughout the year to keep the catch basins free of debris. You can also help. And all you need is a rake, shovel, or broom—and a receptacle.

How You Can Help

- Clear leaves from catch basins near your (or an elder neighbor's) house or business. Dispose of leaves with yard waste.
- Clear other debris from on top of catch basins. Place this debris in a trash can.
- Sweep debris from your sidewalk and driveway. Put debris in a trash can, Don't sweep or blow it into a gutter or catch basin!



- Keep catch basins flowing during the winter by removing snow and ice from the grate.

What You Accomplish

Performing these simple tasks will:

- Reduce the stormwater that collects

along our street, causing problems for motorists and pedestrians.

- Decrease the amount of debris entering the storm drain system through catch basins.
- Minimize pollution of local waterways, like the Neponset River, and our beaches.

Keep Hazardous Waste Out of Our Stormwater Drainage systems. Drop it off with us!

Household hazardous waste drop-off day is each October. This service is free and available to Quincy residents only. Proof of residency is required with a MA Driver's License.

Some of the eligible items for disposal are mercury items such as thermometers and thermostats, paints, thinners, oils and varnishes, household cleaners, automotive fluids, chemical fertilizers, insecticides, ni-cad and lithium batteries, roofing tar and driveway



sealants. When gathering products for the drop-off event, leave materials in original containers and tighten all caps

and lids. Sort and pack items separately in sturdy upright boxes. NEVER MIX CHEMICALS. Do not smoke while handling hazardous material and do not bring children in the car with you.

Items not accepted at the hazardous materials drop-off day are tires, ammunition, fireworks, explosives, prescription medicine and radioactive waste. For the proper disposal of these materials visit the City's website www.quincyma.gov.



CLEAN WATER IS EVERYBODY'S BUSINESS

City of Quincy

DPW



Keep Yardwaste out of Stormwater Drainage Systems. Put it out for us!

Yardwaste is collected on your regular trash day during the highlighted weeks of this calendar. Place leaves, grass clippings and twigs into paper bags, cardboard boxes or in barrels marked with YARD-WASTE stickers. Stickers are available at the DPW, 55 Sea St., the City Hall Information Desk, by e-mailing recyclequincy@quincyma.gov or by calling 617-376-1953.

DO NOT PLACE YARD-WASTE IN PLASTIC BAGS.

Branches must be cut into 3-foot lengths and cannot be thicker than 2.5 inches.



Branches and brush must be bundled and tied. No waste should weigh more than 50 lbs.

You may drop-off yardwaste and recyclables at the DPW yard M-F, 7:30 A.M. to 3 P.M. and on Saturdays, mid-April through mid-December from 7:30 A.M. to 2:30 P.M.

SEPTEMBER						
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NOVEMBER						
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3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

- Yard Waste Collection Day
- Holiday
No Curbside Collection Trash delayed one day all week
- Christmas Tree Collection
- Household Hazardous Waste Drop-off Day

Help Keep Drainage Flowing in the Winter. Parking Rules:

To find out if a snow emergency has been declared call 617-770-7669 for a recording. If you have cable TV, tune in to channels 8 or 11. On your computer, go to the City's web page at www.quincyma.gov.

You can also receive ALERTS directly to your personal e-mail or your cell phone by signing up at <http://www.quincyma.gov/CityLink/>. Once a snow emergency has been declared, you can get further help by calling the Snow Hotline at 617-376-1927.

The following winter parking rules apply during every Snow Emergency.

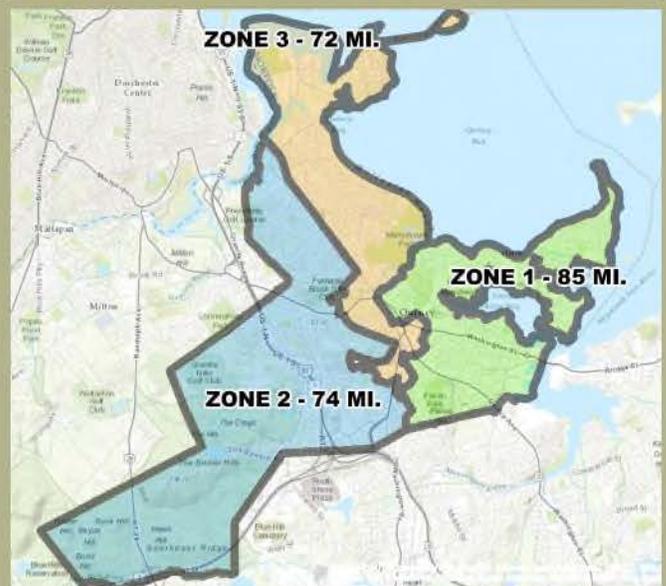
No parking allowed on either side of Emergency Arteries during a Snow Emergency. Residents on side streets (non Emergency Arteries) are allowed to park on the ODD HOUSE NUMBER SIDE of the

street this snow season. This is determined by which year the snow season begins. During odd year snow seasons (2015), parking is permitted on the odd house number side of the street.

Overnight parking on the street is prohibited all year without a resident parking permit. Permits are available at the Quincy Police Department, One Sea Street.

Vehicles in violation of winter parking rules will be towed at the owner's expense. Also, if your vehicle is impeding snow removal operations (i.e. parked too close to an intersection, etc.) it will be towed. The average tow fee is \$125, plus the cost of storage. No exceptions can be made for short term parking. For more information please reference our Winter Season 2015-16 Snow and Ice Management Policies and Procedures found at www.quincyma.gov.

Street Sweeping to Keep Drainage Flowing.



Street Sweeping Schedule

- Zone 1 - Wards 1 & 2
November 2-13
- Zone 2 - Wards 3 & 4
November 16-27
- Zone 3 - Wards 5 & 6
Nov. 30-Dec. 11

To assist in our street cleaning efforts, please remove your motor vehicles from your street during the week it will be swept. Signs will be posted prior to sweeping.

QUINCY

Clean Water is Everybody's Business

Thomas P. Koch, Mayor
Daniel G. Raymondi, Commissioner



Under Mayor Koch's leadership, your Department of Public Works is working hard to improve stormwater drainage throughout our City. These initiatives include the adoption of an improved Stormwater Ordinance and making prudent investments in our drainage infrastructure. This insert details these efforts and offers tips on ways that you can help keep Quincy's waterways clean.

New Stormwater Management Goals

- Meet or exceed the City's obligations under the Environmental Protection Agency's Stormwater Management Mandates (MS4).
- Ensure the proper management and maintenance of our municipal drainage infrastructure.
- Provide adequate drainage to minimize property damage due to storms.
- Educate and involve all stakeholders.

Polluted Stormwater is a Problem

- Stormwater flows directly into Quincy's waterways through our catch basins
- Rainwater falling on paved streets, lawns, parking lots and sidewalks carries pollutants like oil, fertilizers, pet waste, sediment and trash.
- This polluted stormwater enters our storm drain system impacting our beaches, ponds, brooks, rivers and creeks.



YOU can make a difference!

1. Never dump ANYTHING down storms drains or into waterways.
2. Use fertilizers sparingly and sweep up driveways, sidewalks and gutters.
3. Use non-toxic pesticides whenever possible.
4. Direct downspouts into gardens and away from paved surfaces.
5. Check your car for leaks and recycle your motor oil.
6. Pick up and properly dispose of pet waste.
7. Don't litter
8. Bring hazardous material to our Household Hazardous Waste Drop-off event.

(See our website at www.quincyma.gov)

City of Quincy



**The DPW works every day to preserve and improve the quality of our waterways.
Over the past 2 years the DPW has:**

- Applied for and received a \$5.3 Million grant to improve storm drainage in West Quincy.
- Cleaned over 20,000 linear feet of storm drain pipes.
- Cleaned 4,200 storm drain catch basins.
- Properly disposed of 1,800 tons of debris removed from catch basins and storm drain pipes.
- Street sweepers cleaned each street at least twice a year.
- Disposed of 15 tons of material collected by street sweepers.
- Restored over 1,700 linear feet of stone walls adjacent to Furnace Brook to improve drainage and natural habitat.
- Redesigned the two largest storm drain outfalls on Wollaston Beach to minimize flooding.
- Implemented operations plans for all tide gates to improve storm resilience.
- Conducted spring and fall “Household Hazardous Waste” drop-off days to properly dispose of oils and other pollutants.
- Initiated a catch basin stenciling program as a reminder that storm drains discharge to our streams and beaches.
- Launched a city-wide catch basin repair program.



QUINCY

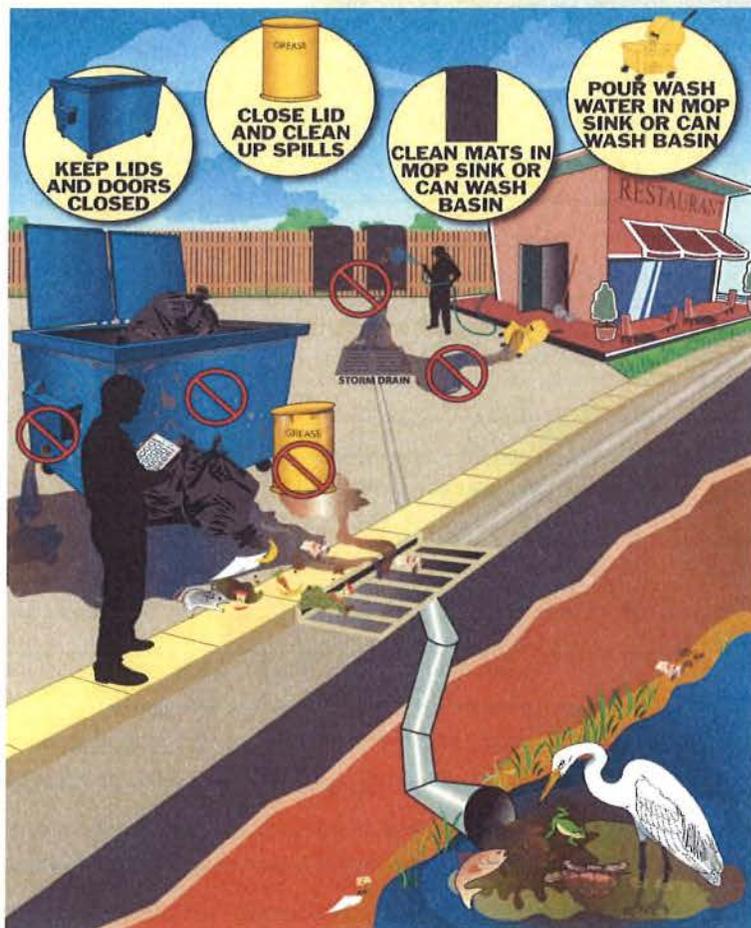


**CLEAN WATER
IS EVERYBODY'S BUSINESS**

City of Quincy



Under Mayor Koch's leadership, your Department of Public Works is working hard to improve stormwater drainage throughout our City. These initiatives include the adoption of an improved Stormwater Ordinance and making prudent investments in our drainage system.



AS BUSINESS OWNERS YOU CAN MAKE A DIFFERENCE

1. Keep waste containers on a spill pallet to prevent waste from reaching the ground.
2. Keep all lids and doors closed on waste receptacles.
3. If spills occur clean them as soon as possible.
4. In the winter make sure all stored deicing materials are covered to prevent run-off.
5. Follow Best Management Practices for the application of lawn fertilizers, herbicides and pesticides.

**THOMAS P. KOCH
MAYOR**



**DANIEL G. RAYMONDI
COMMISSIONER**