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| **Municipality/Organization:** | **City of Quincy** |
| **EPA NPDES Permit Number:** | **MAR041081** |
| **MassDEP Transmittal Number:** | **W-041020** |
| **Annual Report Number & Reporting Period:** | **Year 12<br>April 1, 2014 – March 31, 2015** |

# NPDES PII Small MS4 General Permit Annual Report
## (Due: May 1, 2015)

**Part I. General Information**

Contact Person: Peter Hoyt Title: Superintendent of Sewer and Water

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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: 4-29-2015

## 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, 2014 – March 31, 2015, 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 measureable 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's recent focus has been on drainage improvements to address pressing flood mitigation issues and the City continues to consider ways to leverage this work towards enhanced water quality and public understanding of stormwater issues. To incorporate water quality concerns and MS4 General Permit requirements, the City has included an illicit discharge detection and elimination (IDDE) component to these projects where it is considered necessary and practicable. Additionally, the removal of sediment and organic debris from the drainage system and water bodies benefits inland and coastal water quality.

Notable stormwater management activities completed in Permit Year 12 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 be a focus of efforts in PY13 as City prepares for renewal of next generation MS4 permit.

### 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 the City's 9,329 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. 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 have followed structural condition assessment and have become a standard annual capital renewal budget item.

Additionally, the City has implemented widespread maintenance and repair activities to remove and clean accumulated solids from the drainage infrastructure manholes and conduit. Over the previous two (2) years, over 20,300 feet of drainage pipe cleaning has been conducted under this program.

**Sewer and Drain System Inspection Program:**

Continued to operate the closed circuit television (CCTV) truck to investigate the internal condition of sewer and drain piping. This vehicle also responds to sewer backups and emergency situations and was routinely scheduled for Infiltration/Inflow (I/I) investigations. The inspection program is now managed by dedicated staff and is funded annually. In 2014, 2400 linear feet of storm drain in the Easton's Pond watershed and over 1.2 miles of drain along the Burgin Parkway extension were CCTV'd for structural deficiencies.

**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.

The City completed Phase 1A of the overall flood mitigation project for the Furnace Brook neighborhood in May 2014. To alleviate localized flooding where Furnace Brook surcharges its closed conduit drainage infrastructure, the City installed backflow prevention devices within existing drainage infrastructure. Additionally, new drainage pipe was installed to by-pass existing stormwater conveyance to reduce the magnitude, frequency, and duration of localized flooding impacts to the area.

**Furnace Brook Open Channel Improvements:**

The City is developing concept designs for the restoration of approximately 1700 linear feet of Furnace Brook to a more natural stream state. This would include removing granite block walls that currently confine the brook, allowing for a more meandering stream system reconnected to its historic floodplain. This would create additional flood storage and water quality improvements along this segment of the brook. Water quality improvements are achieved by allowing for a longer distance for the brook to travel at a slower rate and to be able to allow sediment to deposit in the floodplain.

**Spence Avenue Drainage Improvements Project:**

The City was awarded a $600,000 Hazard Mitigation Grant from FEMA for the Spence Avenue Drainage Improvements Project to provide flood relief to Quincy Avenue, Charlesmount Road, Craig Avenue, and Martensen Street. This $1.1 million project upgraded existing stormwater infrastructure to increase hydraulic capacity and reduce the magnitude, frequency, and duration of localized flooding impacts to the area. The project began construction in Fall 2013 and was completed in Summer 2014.

**Wollaston Beach Outfall Rehabilitation Project:**

Ten (10) drainage outfalls on Wollaston Beach have been evaluated for rehabilitation. Two (2) outfall rehabilitation projects are currently under design at Sachem Street and for Sachem Brook.

**Atlantic Middle School Campus Improvement Project:**

The City implemented a campus improvement project at Atlantic Middle School which included repairs/rehabilitation of the existing drainage system to address deficiencies identified by CCTV pipeline investigations. Additionally, the existing stormwater retention area was re-

grading/expanded to improve stormwater management and a sub-surface stormwater management area was constructed to mitigate runoff generated by the project.

**Developed and Implemented a Black's Creek Tide Gate Operations Protocol:**

Revised the Protocol for the operation of the Tide Gates at Blacks Creek. Worked with consulting engineers to upgrade and provide operational controls for the gates and implement a comprehensive plan to manage tidal flow into and out of the estuary while minimizing potential flooding concerns. The City is currently in development of Operations Protocol for other municipal Tide Gates including Post Island and Edgewater Drive.

**North Quincy High School Public Works Improvement Project:**

Throughout 2014, the City has been planning, designing and permitting the redevelopment of the existing Teel Field athletic facility. Scheduled to commence construction activities in the Spring of 2015, 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 will also include stormwater infrastructure improvements in the area. 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 control systems are proposed. 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.

**Fort Square Pump Station Upgrades:**

A major sanitary sewer pump station renewal project was completed in 2014 to prevent potential wet-weather surcharges. The Fort Square pump station was enhanced to improve hydraulics through installation of new hydraulic controls and instrumentation, piped bypass options and wet well redesign to reduce buildup of grease.

**Additional major drainage improvements to address flooding across the City.**

- Town Brook – Base Flow Recapture at Centre Street Project
- Furnace Brook Closed Conduit Cleaning
- Furnace Brook Open Channel Inspections and Maintenance
- North Quincy and Furnace Brook Repairs and Upgrades to Drainage Pipe
- Wollaston/Greenwood Memorial Bridge along Quincy Shore Drive

## Part III. Summary of Minimum Control Measures

### 1. Public Education and Outreach

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 12 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
|---|---|---|---|---|---|
| 1-1<br>Revised | 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.<br><br>The DPW uses a robot, R.E. Cycle to improve recycling and trash education in the schools each year.<br><br>The City also participates annually in National Public Works Week, where high school students participate in the open house, and elementary students in grades 3-6 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.<br><br>In Permit Year 12, the City hosted Public Works Day on May 21, 2014 for National Public Works Week. | Measurable goals for 2003 General Permit have been met.<br><br>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. The City also | Measurable goals for 2003 General Permit have been met.<br><br>DPW plans to continue this BMP. |

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 12 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
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| Revised | | | | 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 quarterly "InfoLetter".<br><br>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 and best practices. | |
| 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 | Measurable goals for 2003 General Permit have been met. |

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 12 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
|---|---|---|---|---|---|
| Revised | | | | 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.<br><br>In previous permit years, the City regularly aired a series on local public access (QATV) titled "How Quincy Works", which showed how the City conducts water, sewer, and drainage-related work. The sewer segment explains that the sewer and stormwater systems are not connected, not to put pet waste in catch basins, and that the stormwater system drains to Quincy Harbor. | As budget allows, 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.<br><br>The DPW provides an Annual Report for each fiscal year that includes information on stormwater management such as catch basin cleaning, street sweeping, litter cleanup, and waste management. The FY2014 Annual Report was posted on the City's website on February 2, 2015. | Measurable goals for 2003 General Permit have been met.<br><br>The DPW will continue to provide InfoLetters biannually and annual reports for each fiscal year. |
| Revised | | | | | |

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 12 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
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| 1-3<br>Revised | 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.<br><br>On March 31, 2015, a press release announcing the $5.3 million West Quincy Flood Relief Grant was posted on the City's homepage. | Continue to update City website as needed and as budget allows. |
| 1-3<br>Revised | Using the Media and Internet | Department of Public Works | Expand City Website to include Stormwater Topics and links | The Inspectional Division website includes information on water quality, including information from the public beach sampling. | Continue to expand City website to include additional information, as budget and staff time allows. |
| 1-4<br>Revised | Public Safety Fair | All City Departments | Annual Public Safety Fair | The DPW hosted National Public Works Week with an Open House (Public Works Day) on May 21, 2014 where information about Public Works activities that include drainage O&M was provided to attendees. | The Public Safety Fair has been incorporated into National Public Works Day. The DPW plans to continue hosting National Public Works Week. |

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 12 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
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| 1-5 | Neighborhood Forums on Flooding | Department of Public Works | PY7 – Perform outreach to residents in response to recent flooding.<br>PY8 – Perform outreach in response to projects identified to alleviate flooding.<br>PY9-PY10 – No goals planned. | The City held neighborhood meetings for Capital Improvement Projects implemented in 2014 to address flooding issues. These neighborhood meetings are typical of large drainage projects to describe the intended projects planned to alleviate flooding issues, educate residents on why the projects are being implemented and their role in stormwater quality, and to address resident concerns during construction.<br><br>A number of news updates have been posted to the City website on flood-relief projects this PY12, including the drainage improvements associated with the North Quincy High Campus Project (6/27/14) and the proposed stormwater pump station in West Quincy (3/31/15).<br><br>An interactive map providing construction updates on Capital Improvement Plan (CIP) projects is available on the Mayor's Office website. | Measurable goals for the 2003 General Permit have been met.<br><br>The DPW will continue to hold neighborhood meetings as new Capital Improvement Projects are implemented. |

**2. Public Involvement and Participation**

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 12 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
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| 2-1 | Storm Water Committee | Department of Public Works | Establish the Committee and meet quarterly. | The DPW convenes monthly water-sewer-drain staff and stakeholder meetings each month to review and discuss stormwater management issues and develop plans to address them in a timely manner.<br><br>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. As needed, the DPW supports these groups.<br><br>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: http://www.butlerspond.org. The group hosted a Cleaner Greener Day on May 3, 2014. Additional information is provided on their website. | Measurable goals for 2003 General Permit have been met.<br><br>As needed, attend meetings to discuss progress and future goals for specific waters and watersheds of Quincy. |
| Revised | Interdepartmental Coordination and Assistance to Preservation Committees | | Notify City departments of stormwater issues and assist Preservation Committees. | | |
| 2-2 | Storm Cleanup and Management | Department of Public Works | Track Clean-up activities per year.<br><br>Track number of clean-up participants<br><br>Track number of miles cleaned by volunteers | The annual *Cleaner, Greener Quincy* day was held on Saturday May 3, 2014, from 9 a.m. to noon. Residents, volunteers and City departments cleaned the City's parks, beaches, schools, marshes, and open space areas.<br><br>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 | The City plans to continue the *Cleaner, Greener, Quincy* event.<br><br>Post storm cleanup is a function of the DPW and Parks Departments. |

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 12 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
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| Revised | | | | Downtown.<br><br>Pond and beach cleanups were held in 2014 as part of COASTSWEEP, including: Wollaston Beach on September 12 and Germantown, Houghs Neck, Adams Shore and Merrymount on September 20. The DPW performed tree pruning for some of these activities and regularly supports trash removal for the cleanup efforts. The DPW also regularly raked the beaches of debris, particularly during the *Cleaner, Greener Quincy* event. | |
| 2-4 | Pet Waste Collection | Department of Public Works | Track number of Dog Parks<br><br>Track number of Signs Posted<br><br>Track number of Educational Materials Distributed<br><br>Track number of "Pooper - Scooper Stations" | 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.<br><br>Signs are posted throughout the City at the 38 fields/parks and 20 miles of beach referencing the City's Ordinance. These signs are vandalized frequently and the Parks Department works to maintain and replace these signs.<br><br>Information on pet waste disposal is maintained on the City website under "Tips to be a Good Neighbor" section. | Measurable goals for 2003 General Permit have been met.<br><br>The City continues to enforce Ordinance.<br><br>The City is preparing a "pet waste disposal" educational brochure that will be distributed to City residents during Pet Licensing.<br><br>The City is also finalizing plans for a catch basin marking and stenciling program to educate residents that all of our catch basins drain to brooks, rivers, or the ocean. |
| Revised | | | | | |
| 2-5 | Flagship Beach Program | Department of Public Works and U.S. Environmental Protection Agency (EPA) | Coordinate with EPA as needed. | 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 | As needed, the City plans to support EPA efforts at Wollaston Beach. |

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 12 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
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| Revised | | | | http://www.mass.gov/eohhs/gov/departments/dph/programs/environmental-health/.<br><br>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 *A Report on Chemical Analysis of Wollaston Beach, Quincy, Massachusetts May 2013 Beach Samples* (July 2013). | |

**3. Illicit Discharge Detection and Elimination**

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 12 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
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| 3-1<br>Revised | Drainage System Mapping | Department of Public Works | Locate all outfalls | The City has developed a drainage system map that shows the locations of all 190 outfalls in the City and the names of the water bodies that receive discharges from the outfalls. This data is available on an internal ArcReader data viewer to several City Departments. | Measurable goals for 2003 General Permit have been met. |
| 3-1<br>Revised | Drainage System Mapping | Department of Public Works Engineering | Complete drainage system mapping | Drainage system mapping is approximately 90% 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, map is updated. The City's GIS property viewer is available to the public on the City's website and shows the locations of all drainage structures.<br><br>In PY10, the City purchased a GPS unit to use in the field to update drainage system mapping.<br><br>The City purchased 5 IPads for use in the field as part of their catch basin cleaning program to record/verify catch basin locations and cleaning efforts and to collect structural condition information. The City plans to categorize catch basins based on the amount of debris collected in the sumps and identify those that require more frequent cleaning for future prioritization. | Measurable goals for 2003 General Permit have been met.<br><br>As budget allows, continue field verification of drainage system.<br><br>The City intends to initiate a stormwater outfall signage effort in PY13 to enhance public exposure on discharges and improve field data collection. |
| 3-2<br>Revised | Outfall Testing Program | Department of Public Works | Inspect all City discharges | The DPW 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 avoid obstructions.<br><br>The City maintains a complaint log of resident calls that voice drainage infrastructure operation and maintenance issues.<br><br>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 | The City will continue to clean drainage structures in flood prone areas and remove illicit connections.<br><br>The City will also continue to clean and repair drainage infrastructure as part of the City's CIP.<br><br>The City will refine IDDE program policies and program manual consistent with intentions of next generation MS4 permit. |

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 12 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
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| | | | | assess cleaning needs. | |
| 3-2<br>Revised | Outfall Testing Program | Health Department<br>Health Department and Department of Public Works | Sample discharges with flow present | The Health Department collects beach water quality data every Wednesday from June 18 through September 1st, at thirteen (13) beach locations. The results will be analyzed for enterococcus counts by a private laboratory, and will be 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).<br><br>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/.<br><br>The City prepares an annual Bathing Beach Water Sampling Report for City beaches. Efforts to assess potential contamination sources at beaches are ongoing, including a continued assessment of storm drains and sewers by the DPW in the areas affected. | Continue beach sampling and contamination source assessment. |
| 3-2<br>Revised | Outfall Testing Program | Health Department<br>Department of Public Works | 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.<br><br>The DPW also conducts dye testing if there is a potential sewer/drain crossover as part of ongoing drainage maintenance activities. For example, dye testing was conducted as part of the Spence Avenue | Continue dye testing efforts as part of drainage operations plan. |

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 12 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
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| | | | | Drainage Project.<br><br>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. | |
| 3-3<br>Revised | Illegal Dumping Education | Department of Public Works | Stormwater committee to distribute flyers, posters & other educational material | The topic of illegal dumping and the connection between the storm drain and the beaches was addressed on public access QATV titled "How Quincy Works," which played regularly during previous permit years. The DPW keeps the educational coloring book for children, "Dwayne the Storm Drain" that includes topics on illegal dumping on display at the DPW.<br><br>Friends of Wollaston Beach have previously sponsored stenciling of "no-dumping" on catch basins around Wollaston Beach.<br><br>Information on pet waste disposal is maintained on the City website under "Tips to be a Good Neighbor" section.<br><br>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 and best practices. | Measurable goals for 2003 General Permit have been met.<br><br>The City is preparing a "pet waste disposal" educational brochure that will be distributed to City residents during Pet Licensing.<br><br>The City is also finalizing plans for a catch basin marking and stenciling program to educate residents that all of our catch basins drain to brooks, rivers, or the ocean. |
| 3-3<br>Revised | 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.<br><br>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. | Continue to implement BMP. |
| 3-3 | Illegal Dumping | Department of Public Works | Enforce Penalties | DPW documents illegal dumping in daily complaint logs and responds to calls. | Continue to implement BMP. |

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 12 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
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| | Education | | | | |
| Revised | | | | | |
| 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). | Measurable goals for 2003 General Permit have been met.<br><br>IDDE ordinance is currently being refined and will be considered by Council in PY13. Improvements to the draft ordinance strengthens enforcement and requires drain system connection permit. |
| 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<br>PY8 – Implement recommendations of sewer evaluation | Currently undertaking the second phase of the City's on-going I/I removal project. Minor patch repairs were made to previously completed manhole and pipe repairs in the Hough's Neck and Adams Shore regions. The City invested $550,000 dollars into the City's I/I removal program.<br>I/I removal projects planned in fiscal year 2014 and scheduled for construction in fiscal year 2015 include:<br>• Cured In Place Pipe (CIPP) lining along East Squantum Street to line the 15 and 24-inch Clay sewer that runs through the salt marsh. This sewer has structural defects and infiltration is leaking into the pipe. Portions of this sewer have been previously lined and the manholes were previously sealed.<br>• 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.<br>• Completed the engineering design of a sewer replacement for Rice Road. This repair became necessary because of settlement and | City will continue sewer manhole and pipeline assessment and rehabilitation projects in conjunction with the Massachusetts Water Resources Authority (MWRA).<br><br>The next phase (IIB) is planned for construction in FY15/FY16. This work will involve four (4) open cut spot repairs of partially collapsed sewers and the CIPP lining of approximately 11,000 feet of sewers, most of which are coastal in the Hough's Neck and Adams Shore areas. This open cut and lining work will help remove potential extraneous sewer flow and will remove infiltration from the sewer system, helping to prevent future overflows. |
| Revised | Sewer Manhole | | | | |

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 12 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
|---|---|---|---|---|---|
| | Replacement and Infiltration/Inflow (I/I) Removal Projects | | | 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. Construction is scheduled to be completed in fiscal year 2015.<br>• 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-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.<br>• Completed emergency sewer repairs to a portion of Dysart Street.<br>• Worked with downtown redevelopers to identify opportunities for I/I mitigation to be completed by the developers.<br><br>The Quincy Center/Downtown Redevelopment Project is on track, and construction is expected to begin on West of Chestnut, the first phase of a two-phased $100 million redevelopment project, in 2015. As part of the Redevelopment Project, I/I removal efforts in the Block 4 and Hospital Hill regions are expected to lead to repair and rehabilitation construction projects.<br><br>The City conducted approximately 2000 feet of sewer replacement (and new sewer laterals) in the Rice Road area to address failing sanitary sewer infrastructure.<br><br>The City passed a revised sewer ordinance, effective July 1, 2013, which put in place a new fee structure outlining more stringent penalties for illegal connections and discharges to the sanitary sewer | |

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 12 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
|---|---|---|---|---|---|
| | | | | system; refer to website for current fees as of July 1, 2014. | |

**4. Construction Site Stormwater Runoff Control**

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 12 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
|---|---|---|---|---|---|
| 4-1 | Ordinance Review and Updates | Department of Public Works | Review and Revise current erosion and sediment control ordinance | In 2008, the City enacted the Land Disturbance Ordinance (#2008-125). Ordinance requires erosion and sediment control at construction sites disturbing one or more acres (or less if part of common plan of development). | Measurable goals for 2003 General Permit have been met.<br><br>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 Department 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. | 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.<br><br>Continue to implement BMP. |
| Revised | | | | | |
| 4-2 | Construction Reviews | Engineering | Develop and implement standard inspection review procedures, document inadequate sites/plans reported and non-complaint permits | Engineering Department and Conservation Commission implements standard inspection review procedures. Engineering Department rejects inadequate plans. Permits are not issued until appropriate corrections are made to plans. | Measurable goals for 2003 General Permit have been met.<br><br>Continue to implement BMP. |
| Revised | | | | | |

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 12 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
|---|---|---|---|---|---|
| 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.<br><br>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. As needed, complaints are investigated. | Measurable goals for 2003 General Permit have been met.<br><br>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 12 (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 | In 2008, the City enacted the Post Construction Ordinance (#2008-126). Ordinance regulates post-construction stormwater runoff from new development and redevelopment projects disturbing one or more acres (or less if part of common plan of development). | Measurable goals for 2003 General Permit have been met.<br><br>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 Department continues to implement standard construction details and policies and conducts detailed review. | Measurable goals for 2003 General Permit have been met.<br><br>Continue to implement BMP. |
| Revised | | | | | |
| 5-2 | Project Reviews | Department of Public Works | Develop and implement standard Project Review Procedures | Engineering and the Sewer, Water, & Drain Division continues to implement standard project review procedures. | Measurable goals for 2003 General Permit have been met.<br><br>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 City following construction and archived. | Measurable goals for 2003 General Permit have been met.<br><br>Continue to implement BMP. |
| Revised | | | | | |
| 5-2 | Project Reviews | Engineering | Develop and implement Standard Inspection Review Procedures | Engineering, Sewer, Water, & Drain and Building Inspectors have standard project review and inspection procedures in place. | Measurable goals for 2003 General Permit have been met.<br><br>Continue to implement BMP. |

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 12 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
|---|---|---|---|---|---|
| Revised | | | | In PY 12, the City initiated a "Private Infrastructure Assessment Initiative" to ensure that large commercial, industrial and residential properties are adequately maintaining sewer, water and drain systems. This initiative includes outreach to facility owner or operators, meetings with owners and operators and review of infrastructure and O&M protocols. This was conducted on three (3) large properties in PY12 and will continue into PY13. | |
| 5-3 | Project Reviews | Building Inspectors | Document inadequate site plans reported by inspectors | Ordinance enforced jointly by DPW & Inspectional Services. | Measurable goals for 2003 General Permit have been met.<br><br>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.<br><br>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 12 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
|---|---|---|---|---|---|
| 6-1<br>Revised | 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.<br><br>In PY11 and early PY12, 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 1,145 tons of debris were removed from close to 4,000 catch basins across the City.<br><br>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 80 catch basins were repaired, or replaced in 2014. | Continue to implement BMP. |
| 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 | Continue to implement BMP. |

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 12 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
|---|---|---|---|---|---|
| Revised | | | | covers the entire City in the spring and fall, and allows crews to reduce street sweeping operations by five (5) weeks. During 2014, 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.<br><br>Fifteen (15) tons of waste materials were removed from the streets and disposed.<br><br>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.<br><br>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. | |
| 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, and other drainage structures based on complaints. | 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 12 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
|---|---|---|---|---|---|
| 6-4<br>Revised | Municipal Employee Training | Department of Public Works | Continue with current program | 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. | Continue current practices and look for training opportunities/programs more specific to Quincy's stormwater challenges.<br><br>The City is currently underway on a 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. |
| 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 12. | Measurable goals for 2003 General Permit have been met.<br><br>The City continues to implement their CIP that includes drainage improvement and stormwater treatment projects. |

### 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 (organisms per 100 ml) |
|---|---|---|---|
| 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 $\leq$ 200<br>90% $\leq$ 400 | GM $\leq$ 200<br>90% $\leq$ 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 $\leq$ 88<br>90% $\leq$ 260 | GM $\leq$ 88<br>90% $\leq$ 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. At this time the City does not plan to add additional BMPs to address the WLA.

## 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
THOMAS P. KOCH
Mayor
DANIEL G. RAYMONDI
Commissioner

Public Water Supply
# 3243000

City of Quincy
DPW

Dear Water Customer:

The annual consumer confidence report uses clear and plain language to inform you about test data, the health effects of contaminants, the definitions for terms used in the drinking water industry and the quality of water supplied by the City of Quincy in partnership with the Massachusetts Water Resources Authority (MWRA) between January 1, 2014 and December 31, 2014. The MWRA is the only source of water distributed by the City of Quincy. We are pleased with the results of the September 2014 Lead and Copper Testing Program which indicate that Quincy continues to achieve its goal of staying under the 15 ppb action level for lead with a result of 10.1 ppb.

This report confirms that Quincy continues to provide clean, safe, quality drinking water for the daily essential needs of our 23,500 residential and commercial customers in conformity with stringent State and Federal distribution guidelines such as the Safe Drinking Water Act. We do this through a system (230 miles) of distribution mains. Water mains are primary pipelines used for moving water directly to consumers. Due to their importance, it is essential that they are kept in top condition to avoid the interruption of water distribution.

In 2014, the Department:

- Invested $1.6 million dollars in water system pipeline improvements along Ellis Street, Hamilton Avenue, Victoria Road, Edison Street, Newbury Avenue, Glover Avenue and Faxon Road,
- Completed a citywide leak detection survey designed to identify underground leaks in our water distribution system. Using the latest leak detection technology, 230 miles of pipe were surveyed. Twenty eight (28) leaks, ranging in size from ¾ inch service connections to 12 inch water mains, were found and repaired. It was estimated that this important initiative saved water ratepayers $250,000 dollars per year,
- Received the Department of Environmental Protection (DEP) Drinking Water Program Public Water System Award for Outstanding Performance and Achievement for the second (2nd) consecutive year.

As you know, last year I asked for your help in reducing the build up of fats, oils and grease in our sewer collection system. Grease poured down household drains or toilets will solidify and cause blockages in both household sewer service connections and the City's main sewer lines. This year I am asking for your assistance regarding the proper disposal of pet waste. Because Quincy's storm drains connect to our ponds, creeks and beaches, pollutants from improperly disposed pet waste will enter our waterways. Cleaning up after your pet can be as simple as taking a plastic bag along with you during your walk. Take the bag home and dispose of it with your household trash. This simple action will greatly improve Quincy's environmental treasures.

The Water/Sewer/Drain Division's 24-hour emergency telephone number is 617-376-1910. For information on public meetings please call 617-376-1959. Any resident with billing concerns can contact the billing office at 617-376-1918, Monday through Friday between 8:30 a.m. and 4:30 p.m.

Sincerely,

Daniel G. Raymondi

Commissioner of Public Works

55 Sea Street, Quincy, MA 02169-2572
Telephone: (617)376-1959 FAX: (617)376-1969

City of Quincy
DPW

2015 Spring/Summer
InfoLetter
Volume 3 Issue 2

# INNOVATIONS ABOUND AT THE DPW

For the last several years the Department of Public works has reviewed all of its operations and made significant upgrades and improvements in the interest of quality, efficiency and cost. This article briefly outlines some of those initiatives.

## Highway

**Snow and Ice Management Policies and Procedures** Documents snow fighting strategies and responsibilities.

**Brine Application** Prevents the bond of frozen precipitation to the road surface which reduces plowing costs while maintaining safe roads.

**Salt Shed** Increases storage capacity, saves money and enhances our ability to fight back-to-back storms.

**Street Sweeping Blitz** Reduces sweeping operations by five (5) weeks, thereby giving crews a head start on sidewalk and pot hole repairs.

**Sidewalk Program** Improves productivity and communication with residents while eliminating construction backlogs.

**Sidewalk Cutter** Repairs trip hazards and saves taxpayers 70-90% when compared to traditional sidewalk repair.

**Crosswalk and Pavement Marking Blitz** Improves pedestrian and vehicle safety by painting crosswalks and pavement twice yearly.

**Signage Operations** Utilizes the Department of Correction to replace 3,500 four-inch street name signs with six-inch, high reflective lettering thereby improving visibility.

**Rear Yard Reorganization** Significantly improves efficiency, safety, and compliant operations.

## Water/Sewer/Drain

**Water/Sewer Ordinance** Allows the Department to charge for prohibited sewer and water connections, usage and illicit discharges into our system.

**Citywide Leak Detection** Continuous, comprehensive survey of our 230 miles of water distribution system saves ratepayers an estimated $250,000 dollars per year.

**Catch Basins** Comprehensive Storm Drain/Catch Basin Cleaning Program removes tons of debris from the City's 9,329 catch basins thereby improving drainage.

**SCADA** Supervisory Control and Data Acquisition control system permits operators to remotely monitor and control the level and flow of water in our water tanks and pump stations.

**New Water Metering System** Remotely monitors consumption levels across the City in real time which improves billing accuracy and reduces customer service issues.

**Mosquito Control** Working with the Norfolk County Mosquito Control District and the City of Quincy Health Department to administer an expanded mosquito control program that deposits fast-acting, effective mosquito insecticide tablets into City catch basins.

**ADULT MOSQUITO SPRAYING WILL COMMENCE THURSDAY EVENINGS MAY THROUGH SEPTEMBER DUSK TO 1 AM**

**Variable Frequency Drives** Allows for remote control of the pump stations at Ricciuti Drive, Roosevelt Road and West Street saving the City thousands in electrical costs annually.

## Waste Management

**School Textile** Diverts 180 tons of textiles saving taxpayers over $14,000 in disposal fees and earning $18,000 in commissions for local parent organizations.

**New Collection Contract** Saves several million dollars. The additional benefits are:

- Fixed annual increases.
- No fuel surcharge.
- Six additional weeks of yard waste collection at no additional cost.
- Disposal of all televisions collected curbside at no cost to City.
- Five new eco-friendly hybrid trucks.
- Recycling robot procured as part of the contract for outreach and education.

**New Waste Disposal Contract** Saves taxpayers millions in reduced disposal fees.

**New Recycling Contract** The City may earn revenue from its recycling material but will never pay for processing for 10 years.

The perfect recycling barrel.

*(Continued on page 2)*

**FUN FACT:** The Water Department received the Department of Environmental Protection (DEP) Drinking Water Program Public Water System Award for Outstanding Performance and Achievement for the second consecutive year.

### Important Numbers

| | |
|---|---|
| 24-Hr. Emergency | 617-376-1910 |
| Commissioner Raymondi | 617-376-1959 |
| 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 |

## Innovations *(continued)*

*(Continued from page 1)*

**Single Stream Recycling** More convenient method initiated in 2008 saved taxpayers over $2.6 million.

**Solar Powered Public Litter Barrels** Compact trash in a 5:1 ratio and transmit "Fullness Alert" e-mails to the collector which cuts collection costs and reduces the City's carbon footprint.

### Outreach

**National Public Works Week** Seeks to educate the public about the Department of Public Works. Each May over 1,000 residents and civic leaders, including every third grade student in Quincy attend our Open House.

Mr. R. E. Cycle

**InfoLetter** Forty thousand (40,000) InfoLetters are mailed twice yearly to every household in Quincy including condominiums, community centers, libraries, City Departments and businesses.

## Employee Spotlight

The Department welcomes Deborah Finnigan as our Traffic Engineer. Finnigan is charged with providing the city with a safe and effective transportation network. In addition, she reviews private and public development proposals, residential and business concerns and the needs of the city's burgeoning pedestrian and bicycle population.

Traffic Engineer Deborah Finnigan

Finnigan grew up in Montpelier, VT where her love of the great outdoors was born. She earned her degree in civil engineering from the University of Vermont in Burlington where she vowed never to be a traffic engineer. Ironically, Finnigan's first job out of college was designing ramps and signs for the newly refurbished Logan Airport. This assignment and the mentoring she received from employer T. Y. Lin International soon changed her outlook on traffic engineering and set her on the path that would ultimately lead her to Quincy.

Ms. Finnigan enjoys competing in obstacle races like the ubiquitous "Spartan Races." She trains five days a week and is currently training for a walking event which covers the Boston Marathon route. Called "Carry The Fallen," the event is part of a campaign to raise awareness of Veteran Post Traumatic Stress Disorder. Participants hope to raise money to build a retreat camp for veterans and their families.

**FUN FACT:** The Ross Garage and Hancock Lot generated $742,285 in revenue in FY '14.

## 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 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.

### 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

### PLASTIC

- Soda, juice and water bottles
- Shampoo bottles
- Milk and juice jugs
- Detergent, bleach and softener bottles

### GLASS

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

### METAL

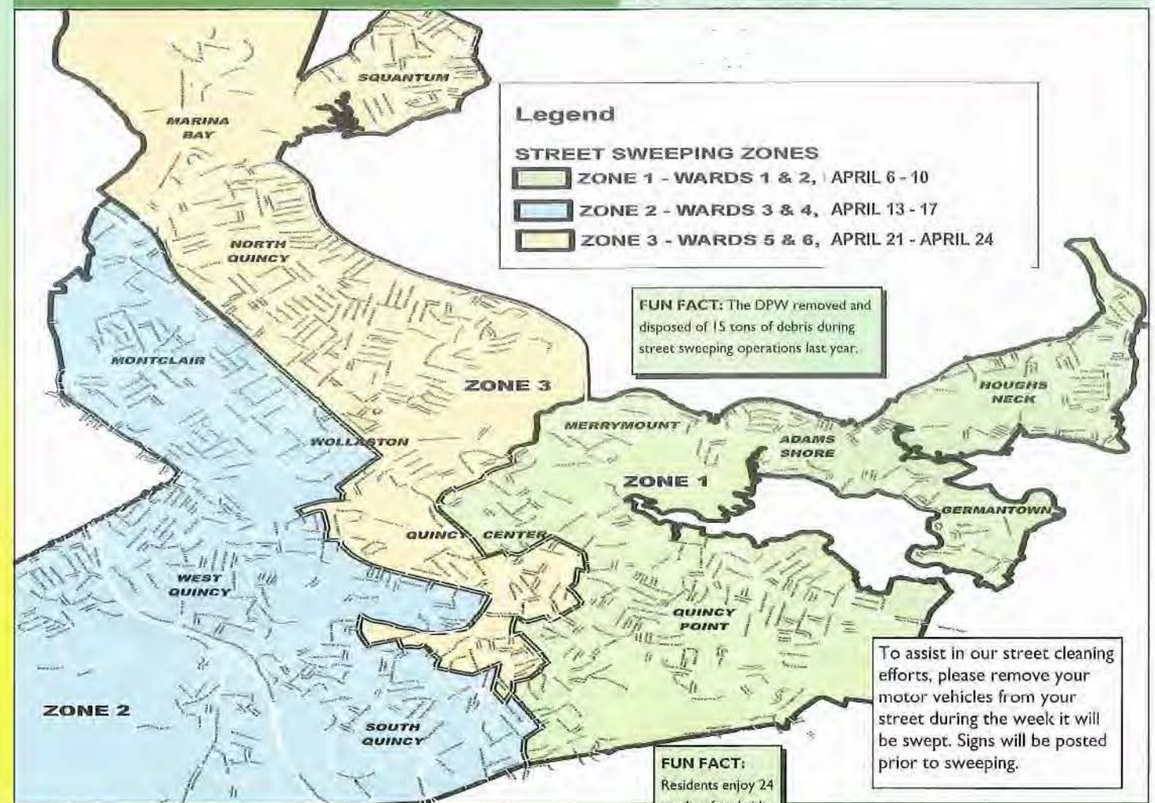
- Aluminum and tin cans
- Aluminum pie plates and serving trays
- Clean tin foil
- Empty aerosol cans

**FUN FACT:** Textile collection bins are available in the DPW parking lot and in every public school yard in Quincy.

### Do Not Recycle:

- Paper towels, facial tissues, towelettes, and napkins
- Wax paper
- Hard cover books (Bring 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
- Propane tanks
- Bring scrap metal to DPW yard

## Modified Street Sweeping Schedule *(Conditions Permitting)*




**FUN FACT:** The DPW removed and disposed of 15 tons of debris during street sweeping operations last year.

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.

**FUN FACT:** Residents enjoy 24 weeks of curbside collection of yardwaste.

## Modified 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 A.M. to 3 P.M. and on Saturdays, mid-April through mid-December from 7:30 A.M. to 2:30 P.M.

**MARCH**

| S | M | T | W | T | F | S |
|---|---|---|---|---|---|---|
| 1 | 2 | 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 | | | | |

**APRIL**

| S | M | T | W | T | F | S |
|---|---|---|---|---|---|---|
| | | | 1 | 2 | 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 | | |

Rear yard open Saturdays thru mid-December

**MAY**

| S | M | T | W | T | F | S |
|---|---|---|---|---|---|---|
| | | | | | 1 | 2 |
| 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 | | | | | | |

**JUNE**

| S | M | T | W | T | F | S |
|---|---|---|---|---|---|---|
| | 1 | 2 | 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 | | | | |

**JULY**

| S | M | T | W | T | F | S |
|---|---|---|---|---|---|---|
| | | | 1 | 2 | 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 | |

**NOTE:** Independence Day is celebrated on July 3rd. Even though City offices are closed, it is a regular trash and yardwaste collection

**AUGUST**

| S | M | T | W | T | F | S |
|---|---|---|---|---|---|---|
| | | | | | | 1 |
| 2 | 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 | | | | | |

**SEPTEMBER**

| S | M | T | W | T | F | S |
|---|---|---|---|---|---|---|
| | | 1 | 2 | 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 | | | |

Yard Waste Collection Day
○ Holiday
◇ Household Hazardous Waste Drop-off Day

**FUN FACT:** Yardwaste tonnage is equal to a factor of 1/3 of our total waste tonnage.

City of Quincy, Massachusetts
Department of Public Works
Phone: 617-376-1959
E-mail: recyclequincy@quincyma.gov
Or see us on the web
http://www.quincyma.gov

# 2015 Spring/Summer InfoLetter

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

**FUN FACT:** FEMA and MEMA grants totalling over $600,000 provided more than half the total cost for flood relief to Quincy Avenue, Charlesmount Road, Craig Avenue, Martensen Street and Circuit Road.

**POSTAL CUSTOMER**

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

SUNRISE SCAVENGER

Dear Friends,

Crossing my fingers that by the time you read this, this historic winter will finally be behind us. On that note, I would like to take this opportunity first to offer my sincerest thanks to all of our city employees and contractors who worked incredibly hard to help us get through what I know we all hope will be a once-in-a-lifetime event. I would especially like to thank all of you, our residents, for your patience, cooperation and the countless acts of kindness during those very tough weeks.

Sincerely,

Thomas P. Koch
Mayor

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 mid-December from 7:30 am to 2:30 pm (weather permitting). Through a grant from the state Department of Environmental Protection the cost is only $45.

**The Great American Rain Barrel Company** of Hyde Park, MA is taking orders for its May 12 distribution at the DPW parking lot at 55 Sea St., on May 12, from 5 to 7 pm. Orders must be in by 5 pm on May 5. Call **800-251-2352** for more information.

**FUN FACT:** We removed enough snow in February to fill the Empire State Building.

The "snow farm" at the Quincy shipyard was active around the clock in February. The pit in the middle of this photograph was completely filled-in by March.

Dear Neighbors:

It is a pleasure to be serving as your Mayor and I am proud of the work of our city council, city staff and volunteers on the numerous commissions, committees and boards on your behalf.

Quincy is such a special place because of our combined differences, backgrounds, heritages and beliefs. It is important that we make efforts to reach out to our neighbors, acknowledge and respect each other's differences, and appreciate all that we share.

Please take a moment to review the "City Information," which I plan to send out periodically. I hope you will find the information helpful, and as always, do not hesitate to contact my office at 617-376-1990 if I can be of assistance in any matter.

Sincerely, 敬啟

Thomas P. Koch
Mayor, City of Quincy (昆士市市長)
Chinese translation (please turn over) 中文翻譯 (請見背頁)

**Mayor Tom Koch's City Information 市長的市府資訊**
**In this issue (please turn over) 本期主題(請見背頁):**
Modified Yardwaste Schedule 2015
2015 年度廢物收集(庭園落葉/垃圾)月曆

City of Quincy
**Quincy welcomes you 昆士市歡迎你!**

U.S.
POSTAGE

Postal Customer

**Quincy City Hall 昆士市府: 1305 Hancock Street, Quincy, MA 02169**
**(617) 376-1000; http://www.quincyma.gov**
**Hours of Business: Monday thru Friday - 8:30 am to 4:30 pm**
辦公時間：星期一至五，上午八時半至下午四時半

親愛的居民：

我很高興可以成為你的市長，為你服務。我為市議會、市府員工及在無數委員會和議會上代表大家的義工們的工作感到驕傲。

昆士市是一個如此獨特的地方，因為我們擁有綜合性的多元化，結合了我們不同的背景、傳統和信仰上的差異。重要的是，我們需要努力與鄰居建立聯繫，認同和尊重彼此之間的差異，並感恩我們共享的一切。

請花一點時間來閱讀這份"市府資訊"，我計劃定期發送這資訊。我希望你能在此找到有用的信息，並且一如既往地，如果我能在任何事宜上提供協助，歡迎聯繫我的辦公室617-376-1990。

Thomas P. Koch
Mayor, City of Quincy 昆士市市長敬啟

English original (Please turn over)
英文原文(請見背頁)

Mayor Koch's "City Information" - 2015 Spring/Summer
Volume 1, Issue 3 (市府資訊：第一集、第三期)

# 2015 Modified Yardwaste Schedule 廢物收集(庭園落葉/垃圾)月曆

**Yard Waste Collection Day**
**庭園廢物收集日**

○ Holiday 假日

◇ Household Hazardous Waste Drop-off Day
家居有害危險廢物收集日
(需自行送到工務局回收場：
the DPW yard, 55 Sea Street)

Yardwaste is collected on your regular trash day (during the highlighted weeks below).
You may also drop-off yardwaste & recyclables at the DPW yard：
M-F, 7:30am to 3pm &
on Saturdays from 7:30am to 2:30pm

庭園(落葉)廢物收集日與垃圾收集日是同日，
但庭園廢物收集不是每星期都有，請看下圖綠色部份。
你亦可將庭園廢物和回收物自行送到
工務局丟掉(Sea街55號，警局旁)
(時間：星期一至五 -上午7:30至下午3時
及星期六 -上午7:30至下午2:30)

## APRIL 4月

| S | M | T | W | T | F | S |
|---|---|---|---|---|---|---|
| | | | 1 | 2 | 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 | | |

Rear yard open Saturdays thru mid-December

## MAY 5月

| S | M | T | W | T | F | S |
|---|---|---|---|---|---|---|
| | | | | | 1 | 2 |
| 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 | | | | | | |

## JUNE 6月

| S | M | T | W | T | F | S |
|---|---|---|---|---|---|---|
| | 1 | 2 | 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 | | | | |

## JULY 7月

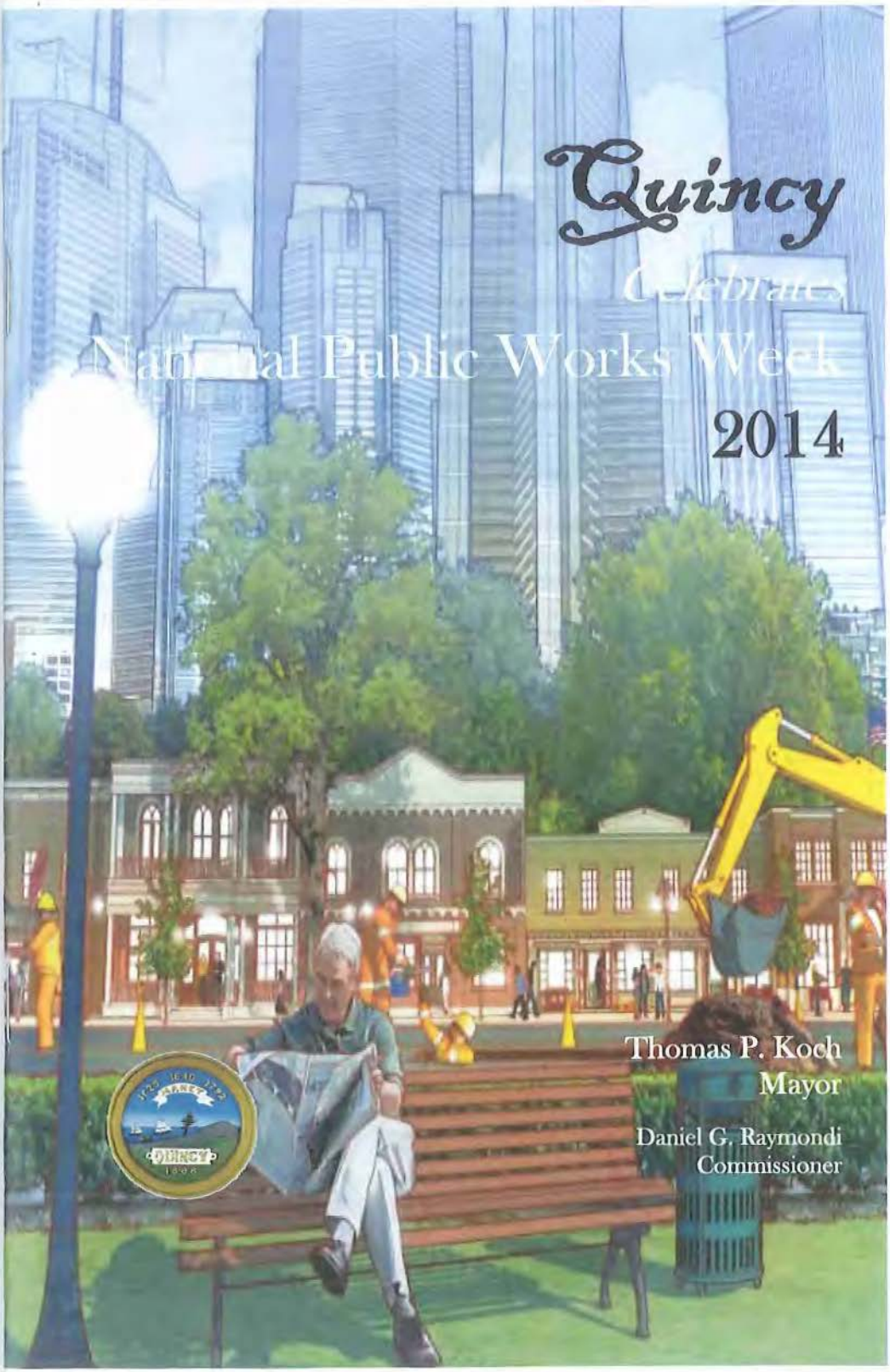
| S | M | T | W | T | F | S |
|---|---|---|---|---|---|---|
| | | | 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 26 | 27 | 28 | 29 | 30 | 31 | |

## AUGUST 8月

| S | M | T | W | T | F | S |
|---|---|---|---|---|---|---|
| | | | | | | 1 |
| 2 | 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 | | | | | |

## SEPTEMBER 9月

| S | M | T | W | T | F | S |
|---|---|---|---|---|---|---|
| | | 1 | 2 | 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 | | | |



# Quincy Celebrates National Public Works Week 2014

Thomas P. Koch
Mayor

Daniel G. Raymondi
Commissioner

City of Quincy
DPW

## MISSION STATEMENT

Through the judicious use of personnel, materials, equipment, resources, and scheduling: to plan, construct, maintain and facilitate through interdepartmental cooperation, past, present and future municipal infrastructure, wetlands and open space, thereby providing the best possible environment for the citizens of Quincy.

City of Quincy, Massachusetts
Office of the Mayor

Thomas P. Koch
Mayor

City Hall
1305 Hancock Street
Quincy, MA 02169
617-376-1080

May 21, 2014

Dear Friend:

Thank you for joining us for yet another National Public Works Week. It is truly fitting to have representatives from the community, different city departments and various government officials here today because public works is a true collaboration among all of these groups.

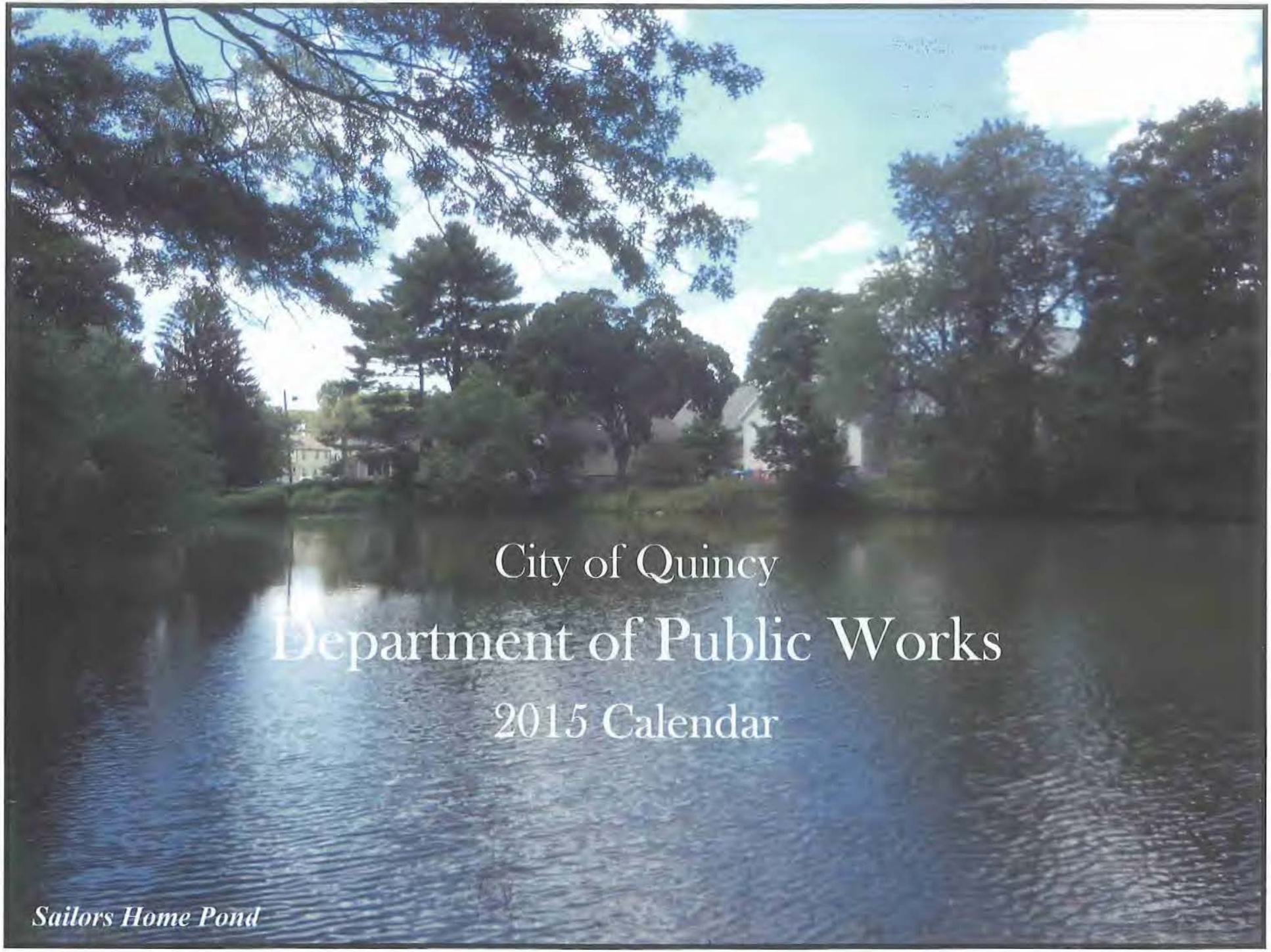
The Department of Public Works is the engine that makes the City go. We come across the hard work of the DPW when we turn on our faucet and drink clean water, place our rubbish and recycling curbside and have it picked up while we are at work, and as we drive down City streets or stroll along City sidewalks.

It can be easy to overlook the work done by members of the DPW simply because we take it for granted that these services will be provided without interruption. The truth is that countless hours are spent maintaining and enhancing these public assets, and we have a professional, passionate staff that takes seriously their obligations as public servants.

National Public Works Week allows us all an opportunity to publicly affirm our gratitude for the reliable service we receive from these men and women each and every day of the year.

Sincerely,

Thomas P. Koch, Mayor



# City of Quincy
# Department of Public Works
## 2015 Calendar

*Sailors Home Pond*

**MONTHLY KEY**

- Curbside Collection of Yardwaste
- Holiday
- Street Sweeping

ZONE 1 = Wards 1 & 2
ZONE 2 = Wards 3 & 4
ZONE 3 = Wards 5 & 6

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|---|---|---|---|---|---|---|
| | | | 1 | 2 | 3 | 4 |
| | | | STREET SWEEPING BLITZ | | | |
| | | | *April Fools* ZONE 2 | ZONE 2 | ZONE 2 | |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| | STREET SWEEPING BLITZ | | | | | |
| *Easter* | ZONE 3 | ZONE 3 | ZONE 3 | ZONE 3 | ZONE 3 | |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| | | | *Tax Day* | | | |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| | — QUINCY PUBLIC SCHOOLS CLOSED — | | | | | |
| | *Patriot's Day* | | *Administrative Professionals Day* / *Earth Day* | | | |
| 26 | 27 | 28 | 29 | 30 | | |

DPW

**March 2015**

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|---|---|---|---|---|---|---|
| 1 | 2 | 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 | | | | |

**May 2015**

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|---|---|---|---|---|---|---|
| | | | | | 1 | 2 |
| 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 | | | | | | |