

Municipality/Organization: **Town of Needham**

EPA NPDES Permit Number: **MAR041237**

MaDEP Transmittal Number: **W-041019**

Annual Report Number **Year 13**
& Reporting Period: **April 1, 2015 – March 31, 2016**

NPDES Phase II Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Richard P. Merson **Title:** Director, Dept. of Public Works

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Certification:

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

Signature:



Printed Name: Richard P. Merson

Title: Director, Public Works Department

Date: May 1, 2015

Part II. Self-Assessment

During Permit Year 12, the Town of Needham continued to implement its Stormwater Management Program. In addition, Town staff have recently undertaken a comprehensive evaluation of the Town's entire Stormwater Management Program, with assistance from outside consultants, to prepare the municipality for meeting the next General Permit requirements. This year we have included additional details in this Annual Report to document the extensive stormwater management activities the Town has undertaken to comply with our written Stormwater Management Plan developed in July 2003 and to both meet and exceed the requirements of EPA's 2003 NPDES General Permit for Stormwater Discharges from Small MS4s.

As required by Part II.D.1 of the 2003 General Permit, as part of developing this Annual Report, we evaluated compliance of the Town's Stormwater Management Program with the conditions of the 2003 General Permit. The Town has made substantial progress implementing BMPs defined in the written Stormwater Management Plan and in meeting permit requirements. The following discussion describes efforts that may not have been previously detailed in annual reporting but we think are critical to characterizing our robust local Program:

Public Education & Outreach / Public Involvement & Participation

- Needham has taken an innovative approach to these two MCMs that facilitates ongoing public engagement about stormwater topics. Not only do we complete the efforts described in this report, but we have required development and redevelopment projects in town to complete public education and public involvement efforts. To obtain local permits, project proponents have to elect to complete one of the applicable activities in MCMs #1 and #2, such as distributing fliers and/or brochures, preparing and broadcasting a cable news item or PSA, publishing a newspaper article, placing decals or stenciling storm drain inlets, or facilitating stream adoption/cleaning projects. Town staff direct messaging and locations for efforts. This novel approach results in frequent public stormwater education from multiple parties.
- Town staff have committed to an annual effort to mark catch basins with either a "Don't Dump Drains to River" stencil or decal. Each year, approximately 100 catch basins get stenciled, resulting in a consistent ongoing reminder to avoid putting pollutants in catch basins.

Illicit Discharge Detection and Elimination

- Needham has a complete map of the MS4. This map not only meets the 2003 permit by showing outfalls and receiving waterbodies, but has got above and beyond by including drainage system components including catch basins, drain manholes, pipes, and connectivity. These maps also provide useful details including invert/sump/rim elevations and pipe diameter and material. Maps facilitate quick understanding of the drainage system and allow Town staff to identify and remove problems

quickly. Mapping is an ongoing effort for all communities and we work to update the map as budget and staff time allows.

- The Town has undertaken extensive illicit discharge detection and elimination efforts, even beginning before the 2003 permit was issued, that have resulted in reductions of pollution to local waterbodies. Before EPA's MS4 permit was released, the Town was well ahead of others by beginning to find and remove illegal connections to the drain. Needham has completed an inventory of all outfalls, including photographs and documentation of conditions at the time of inspection. In addition, each year, the Town video inspects approximately 10% of their drainage system to identify potential illicit connections. In recent years, no connections have been identified, however, we think this approach is a thorough way to inspect for illicit discharges. In addition, we video inspect approximately 10% of the sewer system to assess condition and identify obstructions to flow. This effort allows us to find locations in need of rehabilitation or repair to reduce exfiltration (and infiltration). Town staff knowledgeable about illegal dumping and illicit discharges are in the field, overseeing construction (including projects with sewer and drain connections), and watch for illegal dumping to the drainage system.
- We have worked with Charles River Watershed Association to mitigate sources of bacteria found by watershed sampling.

Construction Site Runoff Control/Post Construction Stormwater Management

- Town staff thoroughly review proposed projects for compliance with the Massachusetts Stormwater Management Handbook as required by the Memorandum of Understanding between MassDEP/EPA and the Town. This MOU requires new development and redevelopment in the Charles River watershed (entire Town) to meet the Mass. Handbook. The Town enforces consistent standards beyond "Maximum Extent Practicable" for projects and require infiltration of 1" of the roof areas on projects.
- Town staff inspects construction sites throughout projects, from pre-construction to completion, to ensure both erosion and sediment controls are properly maintained during construction and post-construction stormwater runoff is managed properly in accordance with local code and permits.
- Town projects look for opportunities to install xeriscaping and promoting infiltration through installation of structural BMPs, such as the Newman School work recently completed and the planned efforts for replacement of the garden in Memorial Park.

Pollution Prevention and Good Housekeeping in Municipal Operations

- Needham has instituted practices that go well beyond the 2003 MS4 permit requirements to prevent pollution from municipal operations. We have employed a predictive catch basin cleaning program that results in annual cleanings from a substantial portion of our total catch basins. We gather information about the basins at the time of cleaning, including depth to sump, condition, and material built up. We also video inspect a substantial portion (almost 10%) of the drainage system annually to identify problems that cause impediment to stormwater flow and/or need repairs.

Also, as required by Part II.D.2 of the 2003 General Permit, the Town evaluated the appropriateness of selected BMPs in efforts towards achieving the defined measurable goals and has determined that previously selected BMPs and measurable goals continue to be appropriate. However, we determined that the annual report needs to clarify how the Town's program meets the final Total Maximum Daily Loads for the Charles River (see Section 7 of this report).

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 – Permit Year 14
1-1	Classroom education on Storm Water	DPW Director	- Teachers instruct classes and present materials gathered in year one. - Volunteer outreach to youth groups and Public Schools	Needham DPW hosted a “Touch The Trucks “day on May 16,2015.The Water and Sewer Division also hosted A tour of the Water Treatment Plant on December 4, 2015 and a trip to the Pollard School for a presentation On November 24,2015.	Continue presentations and truck displays along with (Catch Basin Cleaner and Vactor truck) at 2 elementary schools.
1-2	Flyer and Brochure Distribution and Web Site Link	DPW Director	- Supply the DPW, Town Hall, and Public Library with a Flyer and Fact Sheet - Provide a Web Link on the Town’s Web Site to the Charles River Watershed Web Site	A flyer aimed at what local business can do to help, and a “What you can do...” fact sheet was supplied at all suggested locations. (PSA Building, Town Hall, and Public Library).	Re-distribute current flyers and fact sheets; establish a link on the Town web-site to the Charles River Watershed web-site.
1-3	Using the Media	DPW Director	- One local cable public service announcement - one yearly press release - one annual storm water article	One Press release article released by Board of Health Department 1) Health Matters, 3/22/16 2) Non Municipal partners to publish articles on Storm Water Management in local media	Continue to issue press releases in local paper, create new and updated cable program.

1-4	Hazardous Waste Management	DPW Director	- Surplus Paint Program Continuation - Hazardous Waste Day Continuation	The Town of Needham continues to holds Hazardous waste days yearly (October 17,2015), and paint collection days 7 times per year, this begins in April, every third Saturday of the month l. All amount information is provided in section five of the report.	Continue to offer same program to the community.
Revised					

1a. Additions

1-5	Dog Waste Neighborhood Information Letters	Conservation Department	Decrease observations of dog waste in catch basins	All Trouble areas have been addressed.28 catch were stenciled..	Continue neighborhood dog waste information letters

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 – Permit Year 14
2-1	Adopt-a-Stream Programs	DPW Director	- Clean adopted local water bodies, - adopt a stream program continued	Adopted water bodies are cleaned on an annual basis by the DPW at street crossing.	Continue to clean and have cleaned adopted local water bodies.
2-2	Stencil Storm Drains	DPW Director	- Stencil 50 storm drains per year - maintain records	All Trouble areas have been addressed. 28 catch were stenciled..	Continue current program for 2015
2-3	Community Hotline	DPW Director	- Residents use hotline and DPW personnel investigate illegal dumping reports	Hotline is direct number to the Needham Water & Sewer Division, posted on the Town website 781-455-7550 between 8am-5pm. After 5pm, contact Needham Police at 781-455-7570	Illegal Dumping reports are immediately inspected. Areas are noted and random checks ensued.
2-4	Storm Water Committee	DPW Director	Hold annual meetings	Last meeting held on 2/12/2016	Continue to hold annual meetings and discuss current issues
2-5	Pet Waste By-Law	DPW Director	Post signs near parks and other areas where the town by-law is applicable	Signs are posted at areas that are problematic with pet waste deposits. These signs will be replaced if they are destroyed or vandalized. Amendment 3.7.7 to existing Town bylaw stating for that pet waste on public areas and catch basins is prohibited and is finable. The Town also constructed a new dog park in August 2014. Residents are required to dispose of any dog waste in a designated dog waste dispenser.	Continue to Post signs where applicable.
Revised					

2a. Additions

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 14
3-1	Outfall Testing Program	DPW Director	Continue to monitor outfalls in local area	Required initial outfall testing completed in Year 1. Continued outfall visual inspections annually.	Continue this process yearly.
3-2	Illegal Dumping Education	DPW Director	# of education tools distributed, # of illegal dumps reported, # of penalties given to dumpers, # of meritorious acknowledgements to citizens	Parks and Forestry Department receive illegal dumping complaints. 11 complaints were filed in 2015.	Continue Current Program

3-3	Septic System Controls (Board of Health)	DPW Director	# of systems, # regularly maintained, # of educational flyers, # of trained people, # of failed systems	• 334 Private septic systems remain in Town, 6 abandoned and connected to Town sewer • - #1079 South St. • - #99 Wellesley Ave. • - #20 Elmwood Rd. • - #40 Hutter Ridge Rd. • - #382 South St. • - #38 Brookside Rd.	Continue Current Program
Revised					

3a. Additions

	Illicit Discharge Detection and Elimination	Water and Sewer Division		Discovered an illicit connection on 1408 Highland Ave. Sewer Service connected to Drain. Discovered on 4/25/16	Water and Sewer Division scheduled to remove and connect to sewer 2 nd week of May.

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 – Permit Year 14
4-1	Policy and Procedure Review and Updates	Town Engineer	Revise existing policies and procedures, develop Storm Drain Connection Permit requirement	No action required in PY12	Continue to implement of policies
4-2	Construction Reviews	Town Engineer	Develop requirement to inspect sites, # of inadequate sites/plans reported by inspectors, # of non-compliant permits	Continue monitoring of site plans at the planning board level – • Oak Street Consolidation, 15 & 17 Oak - 2/23/16 • Volante Farms, 292 Forrest Street – 4/11/16 • London Lane Subdivision, Central Avenue – 1/19/16 • Cypress Road Subdivision – 7/21/15 • Normandy Partners, 77 A Street-2/9/16	Continue inspections

4a. Additions

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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 – Permit Year 14
5-1	Policy for Post Construction Runoff	Town Engineer	- Develop town-wide policy for post-construction runoff control, a storm drain connection permit requirement - Develop and implement standard construction details and policies	- Continued implementation of Board of Selectmen / NPDES Procedure, Standard Construction Specifications, Details and Policies - Memorandum Of Understanding (MOU) with EPA signed June 1996	Continue Standard Construction Specifications and Details along with development of new Stormwater Management Procedures.
5-2	BMP Inspection and Maintenance	Town Engineer	- Inspect all Town maintained BMPs annually, - Document # of problems identified and remedied and changes in effluent	Continued Inspection of BMPs - DPW water quality swale - Water Quality Tanks installed at Broad Meadow, Pollard School, Newman School and Elliot Schools - Detention Basins at RTS and Bridle Trail, Rosemary Pool (Servicing Library Parking lot, and High School also). -Infiltration Basin on Heath St. development.	Continue to inspect and document issues
Revised					
Revised					

5a. Additions

6. Pollution Prevention and Good Housekeeping in Municipal Operations

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 14
6-1	Predictive Catch Basin Program	DPW Director	Develop, collect data, and refine program	1,827 catch basins out of 4,315 were cleaned.. Also recorded of the condition of each structures and conduits to the structure as well as the amount of material collected	Continue Current Program
6-2	Street Cleaning	DPW Director	- Sweep all streets annually years 1&2 - Sweep twice years 3 -5 sweep all parking lots annually, - Document Amount of Collected Debris	Spring and Fall street sweeping programs are in place and active. All parking lots also swept twice per year. Collected debris is documented and recorded at the RTS. Spring sweeping between April 15 and May 15, Fall sweeping between October 15 and November 15. The Town also weekly sweeping of the Business District in Town from April 1st – November 30th.	Continue current sweeping program.
6-3	Pipe Inspections	DPW Director	Analyze 10% of drainage system/yr.	64,263.	Continue Current Program
6-4	Pipe Cleaning	DPW Director	-Clean 4,750' of drain pipe per year, - jet flush 19,000' of drain pipe/yr.	65,267	Continue Current Program

6-5	New Pipe and Structure Installations	DPW Director	- Replace 10 catch basins and 475' of drain pipe/yr.	11 Catchbasins replaced, 19 repaired; 5 new Catch basins installed, 100' of 12" RCP and 24' of 36" RCP, and 1 Water Quality Structure	Continue Current Program
6-6	Investigate Town Owned BMPs for Retrofit Opportunities	DPW Director	- Inspect 7 structural BMPs annually Implement two retrofit projects by year five	Inspected March 2016	Continue to meet requirements
6-7	Integrated Pest Management	DPW Director	Continue established program in the future	Continue established program with Norfolk Mosquito Control. As submitted in year 2 report.	Continue established program in the future

6a. Additions

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

As of the effective date of EPA's 2003 MS4 General Permit, there were no final TMDLs that applied to receiving waterbodies in the Town of Needham, and therefore no BMPs to meet TMDLs were identified in the Notice of Intent. See discussion below for additional detail on BMPs being employed to meet the Final TMDLs in the Charles River Watershed.

7b. WLA Assessment

Per Part I.D.3. of the General Permit, "if the MS4 is required to implement storm water waste load allocation provisions of the TMDL, the permittee must assess whether the WLA is being met through implementation of existing storm water control measures or if additional control measures are necessary. The permittee's assessment of whether the WLA is being met is expected to focus on the adequacy of the permittee's storm water controls (implementation and maintenance), not on the response of the receiving water." Needham's MS4 discharges into waterbodies within the Charles River watershed, which has a Final TMDL for Total Phosphorus and a Final TMDL for Pathogens (e.g. fecal coliform, E. coli, and enterococcus bacteria). Because these TMDLs are for pollutants likely to be found in storm water discharges from Needham's MS4, our Stormwater Management Program includes BMPs that address the waste load allocation (WLA).

Needham's Stormwater Management Program includes the following existing stormwater control measures, as reported in the above Annual Report, that address total phosphorus:

- Stencil Storm drains (BMP 2-2)
- Outfall Testing Program (BMP 3-1)
- Construction Reviews (BMP 4-2)
- BMP Inspection and Maintenance (BMP 5-2)
- Predictive Catch basin Program (BMP 6-1)
- Street cleaning (BMP 6-2)
- Pipe inspections (BMP 6-3)
- Pipe cleaning (BMP 6-4)

Needham's Stormwater Management Program includes the following existing stormwater control measures, as reported in the above Annual Report, that address pathogens:

- Dog Waste Neighborhood Information Letters (BMP 1-5)
- Stencil Storm drains (BMP 2-2)
- Pet Waste Bylaw (BMP 2-5)
- Outfall Testing Program (BMP 3-1)
- Predictive Catch basin Program (BMP 6-1)
- Street cleaning (BMP 6-2)
- Pipe inspections (BMP 6-3)
- Pipe cleaning (BMP 6-4)

Part IV. Summary of Information Collected and Analyzed

Samples of the debris were analyzed and found that sediment concentrations did not exceed the Unlined Landfill Limits pursuant to MassDEP Policy # COMM-97-001 Reuse and Disposal of Contaminated Soil at Massachusetts Landfills. The Catch basin material was hauled to Crapo Hill Landfill in New Bedford, Massachusetts.

Part V. Program Outputs & Accomplishments (OPTIONAL)

Programmatic

Stormwater management position created/staffed		(y/n)	Yes
Annual program budget/expenditures	Purchase of Services =	\$	\$77,000
	Expenses =		\$55,217
	Salaries =		\$294,404

Education, Involvement, and Training

Estimated number of residents reached by education program(s) via Town web site...	(# or %)	50%
Stormwater management committee established	(y/n)	Yes
Stream teams established or supported	(# or y/n)	N/A
Shoreline clean-up participation or quantity of shoreline miles cleaned	(y/n or mi.)	N/A

Household Hazardous Waste Collection Days / Material delivered to Clean Harbors		
▪ days sponsored (October 17, 2015)	(#)	1
▪ community participation	# of Vehicles	255
▪ material collected	(tons or gal)	5,850 lbs.
Annual Paint collections – The Town of Needham sponsors 7 paint collections annually. Every third Saturday of the month starting in April Materials Collected:	(tons or gal)	4.88 tons
The Town of Needham allows for the collection of waste oil and used anti-freeze 256 days a year. Amount Collected:	(tons or gal)	1,100 gallons
School curricula implemented	(y/n)	No

Legal/Regulatory

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

Mapping and Illicit Discharges

Outfall mapping complete	(%)	100%
Estimated or actual number of outfalls	(#)	295

System-Wide mapping complete	(%)	100%
Mapping method(s)		
▪ Paper/Mylar	(%)	N/A
▪ CADD	(%)	100%
▪ GIS	(%)	100%
Outfalls inspected/screened	(# or %)	Information available from Engineering Dept.
Illicit discharges identified	(#)	0
Illicit connections removed	(#) (est. gpd)	0
% of population on sewer	(%)	94%
% of population on septic systems	(%)	6%

Construction

Number of construction starts (>1-acre)/ This section includes 16 site plans from the Planning Board and 3 Municipal Construction Projects that require sedimentation control measures. All plans are reviewed by the Engineering Division. Inspections are performed by DPW Inspectors	(#)	19
Estimated percentage of construction starts adequately regulated for erosion and sediment control	(%)	100%
Site inspections completed	(# or %)	100%
Tickets/Stop work orders issued	(# or %)	0
Fines collected	(# and \$)	0
Complaints/concerns received from public	(#)	0

Post-Development Stormwater Management

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

Operations and Maintenance

Average frequency of catch basin cleaning (non-commercial/non-arterial streets)	(%/yr)	45%
Average frequency of catch basin cleaning (commercial/arterial or other critical streets)	(times/yr)	100% annually
Total number of structures cleaned	(#)	1,827
Storm drain cleaned	(LF or mi.)	65,267
Qty. of screenings/debris removed from storm sewer infrastructure / combined with street sweepings	(lbs. or tons)	1,763.5 tons
Disposal or use of sweepings (landfill, POTW, compost, recycle for sand, beneficial use, etc.)	(location)	Landfill
Cost of combined sweepings and C.B. debris disposal	(\$)	\$55,217

Average frequency of street sweeping (non-commercial/non-arterial streets)	(times/yr)	2/year
Average frequency of street sweeping (commercial/arterial or other critical streets)	(times/yr)	4/year Downtown/Business area swept weekly during non-winter months
Qty. of sand/debris collected by sweeping. Note: combined with C.B. debris, collected at local RTS	(lbs. or tons)	Listed above
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.)	(location)	Landfill
Cost of combined sweepings and C.B. debris disposal (<i>Capco</i>) see above...	(\$)	See above
Vacuum street sweepers purchased/leased	(#)	0
Vacuum street sweepers specified in contracts (<i>The Town owns one vacuum and one mechanical street sweepers</i>) (<i>The Town contracts out the services of two additional mechanical sweeper/ year for the bi-annual sweeping program</i>)	(y/n)	No

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Reduction in application on public land of: (“N/A” = never used; “100%” = elimination)		
▪ Fertilizers	(lbs. or %)	56,450 lbs.
▪ Herbicides	(lbs. or %)	4,875 lbs.
▪ Pesticides	(lbs. or %)	12,625 lbs.

Anti-/De-Icing products and ratios <i>(These products are temperature driven. Note that the volume of product usage is up from the previous year due to the increase in storms from the 2012-13 winter season)</i> Meltdown 30 Ice Ban	% NaCl % CaCl ₂ % MgCl ₂ % CMA % Kac % KCl % Sand	3,345 tons 16,850 Gal 62 tons
Pre-wetting techniques utilized	(y/n)	yes
Manual control spreaders used	(y/n)	yes
Automatic or Zero-velocity spreaders used	(y/n)	yes
Estimated net reduction in typical year salt application	(lbs. or %)	0 % reduction
Salt pile(s) covered in storage shed(s)	(y/n)	yes
Storage shed(s) in design or under construction	(y/n)	yes

NPDES SITE PLAN REVIEWS REQUIRING NPDES

MAY 2015- APRIL 2016

- Oak Street Consolidation, 15 & 17 Oak - 2/23/16
- Volante Farms, 292 Forrest Street – 4/11/16
- London Lane Subdivision, Central Avenue – 1/19/16
- Cypress Road Subdivision – 7/21/15
- Normandy Partners, 77 A Street-2/9/16

NPDES SITE INSPECTIONS STARTING/COMPLETED REQUIRING NPDES

MAY 2015- APRIL 2016

Projects Started >1 AC	Regulated erosion control	Site Inspections	Stop work Order	Fines	Complaints
Highland Avenue-Wingate	No	Ongoing 9/30/14 10/6/14 10/25/15	No	No	No
Greendale Village- 40B 894 Greendale Ave	No	Ongoing 8/21/14 10/29/14 12/1/14 No work yet	No	No	No
North Hill Central Avenue	No	ongoing 7/3/14 7/24/14 4/20/16	No	No	No
New Garden, 40 Chestnut Place	No	Ongoing 8/6/14 7/2/15	No	No	No
Needham Bank, 214 Garden Street	No	Ongoing 8/6/14 11/30/15	No	No	No
932 Great Plain Ave/ 36 Dedham Street	No	Completed 12/31/14 1/16/16	No	No	No
Belle Lane Subdivision Charles River Road	Yes	Ongoing 12/1/14 6/17/15 11/30/15	No	No	No
Wingate, Highland Ave	No	Ongoing 2/16/16	No	No	No

Hutter Ridge Subdivision	No	Ongoing 12/1/14 11/30/15	No	No	No
Trip Advisor, 360 First Ave	No	Ongoing Phasing 12/19/14 6/5/16 4/8/16	No	No	No
Rockwood Lane Subdivision	No	Ongoing Weekly since 7/2015	Yes	No	Yes Controls are being monitored
Congregational Church & Temple Beth Shalom, 1180 Great Plain Ave.	No	Completed 7/31/15	No	No	No
50 Dedham Ave	No	Completed 9/30/15 10/26/15	No	No	No
Saint Mary's pump station	No	Ongoing 10/6/15	No	No	No