

Municipality/Organization: City of Framingham

EPA NPDES Permit Number: MA R041116

MaDEP Transmittal Number: W-041299

**Annual Report Number
& Reporting Period:** No. 15: May '17 – April '18

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Dr. Yvonne Spicer Title: Mayor

Telephone #: 508-532-5400 Email: mayorspicer@framinghamma.gov

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: Dr. Yvonne Spicer

Title: Mayor

Date: 4/30/18

Part II. Self-Assessment

The City of Framingham has completed the required self-assessment for Permit Year Fifteen and finds that our municipality is in compliance in general with the permit conditions.

For compliance with the six Minimum Control Measures, the City completed the following for Year 15:

- The City undertook several education and participation efforts, including:
 - Created & distributed a short video for stormwater public awareness (<http://www.framinghamma.gov/1133/Stormwater-Management>). As of April 2018, the video had almost 7,000 views.
 - Website and social media updates for education and event announcements.
 - Continued to distribute educational material and pet waste bag dispensers with dog licenses issued by the City Clerk.
 - Hosted Household Hazardous Waste Collection Days and a Rain Barrel Event for residents.
 - Presented on stormwater pollution prevention and water resources at annual Earth Day Festival.
 - Hosted one stream clean-up event with OARS for the Assabet, Sudbury, & Concord Rivers.
- The City updated drainage system mapping in preparation of the new permit. The City mapped municipally-owned stormwater conveyance and treatment structures on all municipal properties, not just roadways.
- The City investigated and addressed two potential illicit discharges.
- The City hired a consultant to review our Illicit Discharge and Detection Elimination (IDDE) Plan against the new 2016 Massachusetts MS4 General Permit and recommend changes to comply with the new permit. The City updated our IDDE Implementation Plan, including a preliminary outfall ranking, in preparation of the new permit.
- The City's Engineering Division reviews, on average, about 20 to 25 construction and post-construction submittals monthly for compliance with the City's bylaws and the MassDEP stormwater management standards. The City updated the "Rules & Regulations Governing the Subdivision of Land in Framingham", including updated design standards for stormwater to improve resiliency and encourage green infrastructure and low impact development.
- In an effort to keep the streets and waterways of Framingham clean, Framingham Public Works developed and implemented an urban street sweeping schedule specifically targeting the urban areas of Framingham, in addition to the annual city-wide street sweeping program.
- The City's Department of Public Works completed 86 stormwater system related work orders to maintain our water quality BMPs, catch basins, and drainage lines.

The City continued to actively participate in the Central Massachusetts Regional Stormwater Coalition (CMRSWC), a group of communities working together to more effectively manage municipal stormwater and to improve our ability to meet the requirements of the MS4 Permit in an efficient and cost-effective manner. The City also continued to actively participate in the Statewide Municipal Stormwater Coalition. The City's Senior Stormwater Engineer is the chair of the public education subcommittees for both the CMRSWC and the Statewide Coalitions.

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 15 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 16 and beyond
NA	Continue to find uses for SuAsCo postcards. Participate in Earth Day and Riverfest.	SuAsCo/ Framingham DPW	NA (none created for the 15 th permit year)	Stormwater education materials were made available at Framingham’s Earth Day Celebration in April. The City distributed stormwater education messages on the City’s website, facebook, and twitter. Framingham Public Works created and distributed a short video for stormwater public awareness). As of April 2018, the video had almost 7,000 views. The City Clerk continued to distribute educational material and pet waste bag dispensers with dog licenses.	Continue public education efforts. Continue participation in community events. The City is developing a SWMP for the EPA’s new MS4 permit which will outline future planned activities.

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 15 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 16 and beyond
NA	Continue Drain Marking Program Provide support to local groups.	SuAsCo/ Framingham, DPW	NA (none created for the 15 th permit year)	The City continued coordination with and encouraging local groups, including: OARS, Lake Cochituate Watershed Council (LCWC), and MassAudubon. The City partnered with OARS in a stream clean-up at Beaver Dam Brook in September 2017. The Framingham DPW hosted two Household Hazardous Waste Collection Day on May 20, 2017 and August 26, 2017. The DPW hosted a Rain Barrel Event on May 13, 2017 for residents. 117 rain barrels were distributed.	Continue coordination with local groups. Continue annual Household Hazardous Waste Collection Day. The City is developing a SWMP for the EPA’s new MS4 permit which will outline future planned activities.

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 15 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 16 and beyond
NA	Continue implementation of IDDE bylaw and program.	DPW, with participation by Conservation Commission, Board of Health, Dept of Inspectional Services	Implement IDDE outfall monitoring program.	<p>The City investigated and addressed two potential illicit discharges. The City's IDDE tracking matrix is included with this report.</p> <p>The City mapped municipally owned stormwater conveyance and treatment structures on all municipal properties, not just roadways, in preparation for the new MS4 permit requirements.</p>	The City is developing a SWMP for the EPA's new MS4 permit which will outline future planned activities.

4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 15	Planned Activities – Permit Year 16 and beyond
NA	Construction site runoff controls	Framingham DPW/Con Comm	Review, implement, inspect and enforce construction site runoff controls.	Plans that come before the Planning Board or Conservation Commission were reviewed using the Massachusetts DEP Stormwater Management Standards. These plans include all construction that fell under the requirements for the NPDES Phase II permit, whether it was near a wetland (as regulated by Massachusetts DEP) or not. Detailed stormwater impact analysis was required as part of this review. The City's Engineering Division reviews, on average, about 20 to 25 submittals monthly.	<p>Continue review of construction submittals for compliance with Massachusetts DEP Stormwater Management Standards and City bylaws.</p> <p>The City is developing a SWMP for the EPA's new MS4 permit which will outline future planned activities.</p>

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 15 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 16 and beyond
NA	Implement Drainage Master Plan.	Framingham DPW/Con Comm	Continue implementation.	<p>The City continues to plan for and implement the recommendations from the initial phases of the master plan, namely replacement or rehabilitation of structures at high risk with high consequence of failure.</p> <p>As explained above for construction, the City's Engineering Division reviews, on average, about 20 to 25 new or redevelopment submittals monthly.</p>	<p>The City will continue to plan for and implement the recommendations of the master plan.</p> <p>The City is developing a SWMP for the EPA's new MS4 permit which will outline future planned activities.</p>

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 15 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 16 and beyond
NA	Evaluate CB Cleaning	Framingham DPW	Implement the SWMP.	<p>The Framingham DPW completed 86 stormwater system related work orders including inspection and maintenance of water quality BMPs, catch basins, and drainage lines.</p> <p>The City developed and implemented an urban street sweeping program.</p>	<p>Continue stormwater system operations and maintenance in accordance with the City's Stormwater Management Plan.</p> <p>The City is developing a SWMP for the EPA's new MS4 permit which will outline future planned activities.</p>

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

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 15 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 16 and beyond
NA	NA	NA	NA	DEP has not released a TMDL report and targets for the Sudbury River.	If a TMDL report is released, develop plans to obtain the goals.

7b. WLA Assessment - Not applicable

Part IV. Summary of Information Collected and Analyzed

A tracking matrix of IDDE complaints and resolutions is attached.

**Town of Framingham
IDDE Tracking Matrix**

No.	Str. No.	Street	Applicable Authority	Status	Open Date	Problem	Close Date	Actions/Notes
Permit Year 4 (2006 - 2007)								
1	51	Mellen St	Con Com / DEP	Resolved	2/2/07	Illicit discharge to Town drain, discharging to wetland. Photo processing silver compounds	6/11/07	Reported to DEP, cleaned up under MCP, RTN 3-26580
Permit Year 5 (2007 - 2008)								
2	115	Howe Street	DPW	Resolved	5/18/07	Illicit connection from residence to catch basin. Catch basin is eroding. Area around CB eroded with private property drainage.		Fixed 2007, re-reported January 2008. Hwy investigating
3		Centennial Place	DPW	Resolved	10/3/07	Outlet to wall southwest of dam - 15" clay pipe in stone wall (upstream of Colonna Bridge)	10/4/07	Sewer Overflow. Sealed by DPW, sewer backup in main trunkline repaired.
4	10	Snow Street	DPW	Resolved	10/18/07	Parking lot catch basin was connected to drainage line in the fall of 2007, outfall to Beaver Dam Brook (American Rooters Suburban Athletic Club)		See hand-drawn sketch by B. McCarty. Engineering to follow up following IDDE regulations implementation
5	39	Grant	DPW	Resolved	1/4/08	GW pumping disconnected byowner from sewer at Sewer Dept's order. Potential illicit connection to drainage system	2/20/09	No drain line seen. Likely intermittently used after storm events.
6	683	Water Street	DPW-DEP	Resolved	1/28/08	Fuel tank leak from Frito-Lay panel truck - diesel fuel > 10 gallons	1/28/08	Adequately regulated under DEP RTN3-27465
7	31	Pershing Ave.	DPW	Closed	2/12/08	GW pump disconnected from sewer at Sewer Dept's order, led to discharge to street. DPW approved temporary discharge to CB on Vose. Connection not seen in subsequent visits. Assume handling on property	2/20/09	Needs to request permanent attachment to Town system.
8	30	Vose	DPW	Closed	2/21/08	GW pumping dumping into street	4/15/08	Stopped after DPW went out to investigate (source still unknown)
9	15	Flanagan Rd	DPW	Resolved	2/20/08	GW pumping dumping into CB creating sinkhole		Highway Ops investigating. Engineering to follow up following IDDE regulations implementation
Permit Year 6 (2008 - 2009)								
10	329	Singletary Rd	DPW	Resolved	3/7/08	Addition to structure cut into hillside, creating permanent GW pumping requirement	5/15/08	Town approved tie-in to drainage system
11	330	Concord St	DPW	Resolved	4/18/08	Illicit connection to sewer system. Sewer Dept. removed connection.	8/5/08	Town approved tie-in to drainage system
12	6	Woodward	DPW	Resolved	4/25/08	Drainage to Hastings from pool	7/31/08	Highway Ops removed connection
13	9	Aaron	DPW	Closed	3/19/08	Small black hose draining to street	2/15/09	No drain line seen by Highway on subsequent investigations
14		Burton Road	DPW	Closed	6/4/08	Small hose draining to street	2/15/09	No drain line seen by Highway on subsequent investigations
15	263	Hollis Street	DPW	Resolved	6/5/08	Hose draining washing machine to CB, reported by John DeLuca		Disconnected, sent to sewer
16	12	Charles	BoH	Resolved	6/26/08	Illegal dumping to catch basin in yard at illegal auto body shop	6/28/09	Citations from the BoH
17	3	Foley Dr	DPW	Resolved	7/3/08	Lines filled, probably roadway sediment. However, significant grass clippings and other items in catch basin at cul-de-sca	7/15/08	DPW Ops cleaned out, Notice sent to residents.
18	355	Singletary Rd	DPW	Resolved	7/30/08	Pipe discharging to roadway	1/5/09	Engineering sent notice to resident 1/5/09, Highway Ops will remove connection
19	Many	Bantry/Pitt Rds	DPW	Resolved	11/7/08	CBs filled with bagged pet waste during CB cleaning	11/15/08	Engineering sent notice to residents
20	26	Whittier	BoH	Resolved	11/12/08	Sanitary Sewer backing up, overflowing into Drainage system	11/13/08	From BJ's. BoH had them call in cleaning and jetting company to clean drain lines. Lines cleaned before getting to street.
21	7-11	Oakvale Rd	DPW/ Con Com	Resolved	11/14/08	Dumping leaves and debris into wetland	11/16/08	Notice sent to residents from DPW and Con Com
22	38	Fay Rd	DPW	Resolved	12/10/08	Sewer backup uncovered illicit connection to sewer system. Sewer Dept. removed connection.	12/12/08	Engineering sent notice to residents, visited site, made recommendations for dry well
23	73	Indian Head Hgts	DPW	Closed	1/7/09	Pipe discharging to roadway. Although this is an ongoing problem, it is only a safety issue as the discharge is groundwater. Therefore, it is not an illicit discharge issue.	2/25/12	This is an ongoing problem, which the DPW will resolve.

**Town of Framingham
Illicit Discharges or Connections**

24		Worcester Rd	MHD	Closed	1/21/09	Sewer overflow	1/25/09	Referred to DEP and Mass Highway Dept
25	69	Londonderry Rd	DPW	Closed	12/1/08	Pipe discharging to roadway.	2/15/09	Homeowner told to remove pipe. No drain line seen by Highway on subsequent investigations.
26	9	Aaron St	DPW	Resolved	2/15/09	Pipe discharging to roadway. Owner warned of discharge.	2/20/09	No further discharge observed.
27	99 - 111	Beaver Street	DPW	Resolved	2/25/09	Dumping leaves and debris into drainage swale	2/26/09	DPW notice sent to residents
Permit Year 7 (2009 - 2010)								
28	115	Beaver Street	BOH & Con Com	Closed	4/3/09	Debris and trash near Beaver Dam Brook	4/3/09	Con Com Notice of Violation
29		Waverley St	DPW	Closed	4/16/09	Spill of transmission fluid	4/16/09	Discussed with owner of service station. Preventative measures were taken, education on methods for cleanup of spills.
30		Woodmere Rd	DPW	Closed	4/26/09	Pet Waste in CB near intersection with Belknap Rd	5/1/09	DPW notice sent to residents. Drain marking performed. DEP reported that the followup test results showed improvement in water quality.
31	32	Mary Agnes	DPW	Resolved	9/25/09	Sewer service broken, dumping sewage into drain lines	9/28/09	Sewer notified DEP of SSO, Line to be repaired by Sewer, homeowner
32		Waushakum	DPW	Closed	2/2/10	PVC pipe dumps onto sidewalk. The discharge is groundwater, therefore not an illicit discharge issue.		Intermittent water from sump pump
33	485	Franklin	DPW	Closed	2/10/10	Kathleen Daniel Nursing Home - 508-872-8801 - PVC pipe travels under dumpster and then dumps into roadway	2/12/10	Notice sent to property owner from DPW
34	655	Belknap	DPW	Closed	2/2/10	Discharge from sump pump directly to street	2/8/10	Notice sent to residents from DPW
Permit Year 8 (2010 - 2011)								
35	15	Hillside	DPW	Closed	3/3/10	Washout from gravel driveway to street	3/3/10	Notice sent to residents from DPW
Permit Year 9 (2011 - 2012)								
36	138	Leland	BoH	Closed	3/22/11	BoH observed floor drain that may discharge to surface. Dye test performed that confirmed discharge to ground surface outside the building.	3/23/11	Owner closed drain (no longer in use).
37		Speen	DPW	Resolved	6/16/11	Septage flow into Cochituate Brook (reported by Brownlea Road resident). Sewer Department removed the blockage, and flow was restored.	6/17/11	Blockage in sewer pipe created backup out of manhole.
38	192	Irving Street	BoH	Resolved	5/13/11	Citizen complaint of sheen in discharge pipe behind autobody operations. DPW investigated in May and June 2011. DPW and BoH investigated November 2011. BoH will cite owner for various deficiencies, however, no illicit discharge observed in any of the 3 visits (two during rainfall).		Owner advised to ensure that no oil or other discharge enter the catch basin on the property that drains to the swale behind the garage (the location observed by the complainant).
39	14	Louis W Farley Drive	DPW	Resolved	12/27/11	Discharge from sump pump directly to street. This is only a safety issue as the discharge is groundwater. Therefore, it is not an illicit discharge issue.	6/17/11	The homeowner installed additional dry wells on the property to reduce flow to the street.
40	749	Worcester Rd	DPW	Resolved	5/1/11	Discharge of oil or hazardous material discovered while excavating for deep sewer construction. Excavation was dewatered and soil removed per the URAM plan submitted to DEP.	12/21/11	Adequately regulated under DEP RTN3-26467
41	846	Concord St	DPW	Resolved	7/13/11	Discharge of oil or hazardous material discovered while excavating for deep sewer construction. Excavation was dewatered and soil removed per the URAM plan submitted to DEP.		Adequately regulated under DEP RTN3-2100
42	350	Irving Street	DPW	Resolved	1/19/12	Citizen complaint of "spraying some blue liquid all over the parking lot" and not containing roadway salt properly. No action taken.	2/28/12	The business owner sprays a solution of calcium chloride for dust suppression. The salt is stored in large bins with protective walls and roof over 200 feet from the brook, with two earthen berms protecting the brook.
Permit Year 10 (2012 - 2013)								
43	213	Bishop St	DPW	Closed	6/7/12	Citizen complaint of dumping a gallon of paint down a catch basin outside the residence at 213 Bishop Street	6/12/12	Notification sent to the neighborhood describing the incident and educating the residents regarding proper disposal.

**Town of Framingham
IDDE Tracking Matrix**

44		Vaillencourt Dr.	DPW	Closed	6/18/12	Bagged pet waste at outfall near Hickey Drive	6/20/12	Notices sent to Vaillencourt, Hickey, and Ford Lane residents
45	18-20	Old Wood Rd	DPW	Closed	6/18/12	Debris in channel behind houses - tree limbs	6/20/12	Notices sent to two residences
46	1372	Concord St	DPW	Closed	6/21/12	BoH observed sump pump from unoccupied house that may discharge non-GW liquids to surface.	6/26/12	Observed flow - appears clear, only operates in rain.
47	494	Franklin St	Con Com	Closed	6/28/12	Multiple discharges directly to the Sudbury River	11/14/12	NOI reviewed by Conservation Commission, addressing runoff from two major locations.
48	22	Hollis Street	BoH	Closed	7/3/12	Discharge from washing machine to floor drain to sump to SW drain	7/7/12	BoH cited property owner.
49		East / South Sts	DPW	Closed	9/10/12	Dumping of waste into area surrounding open channel	10/18/12	Notices sent to surrounding residences
50		Cherry Street	DPW	Closed	10/9/12	Dumping of waste into area surrounding open channel	11/8/12	Notices sent to surrounding residences
Permit Year 11(2013 - 2014)								
51	52	Nixon Rd	Con Com	Closed	3/1/13	Sediment spilling into roadway from construction		Cease and desist order sent to Contractor, Area cleaned.
52	69	Lowther Road	Bldg & Wire	Closed	4/16/13	Roof drain to street		Drain relocated to back of lot.
53	749	Edmands Rd	Bldg & Wire	Closed	6/12/13	Sediment spilling into roadway from construction		Cease and desist order sent to Contractor, Area cleaned.
54	23	Kingsbury Rd	DPW	Closed	1/2/14	Roof drain to street		Drain relocated to back of lot.
55	884	Waverly St	DPW	Closed	1/23/14	Roof drain to street		Drain relocated to side lot.
56		Learned Pond	Con Com	Closed	2/7/14	Fertilizer runoff into pond		Notification sent to properties abutting the pond
Permit Year 12 (March 2014 - March 2015)								
57	984	Pleasant St	DPW	Closed	8/20/14	Yard waste in drainage channel	8/24/14	Notification sent to adjacent properties
58	400	Cochituate Rd	DPW	Closed	9/4/14	Anonymous call reported to MassDEP of drugs (pills) dumped into catch basin near HomeGoods.	9/4/14	DPW inspected catch basins. He did not observe evidence of dumping or pills.
59	731	Concord St	DPW	Closed	9/10/14	Roof drain to street	9/30/14	Sent notification to property owner. He followed up with DPW and said he would disconnect & remove roof drains. DPW was installing conduit and replacing sidewalk in the area and confirmed drains were removed.
60	1-2	Roxanna St	BOH	Closed	10/7/14	Mr. Frank DeMarco notified Code Enforcement that he observed oil & water running into the catch basin outside of 1-2 Roxanna St	10/7/14	DPW inspected catch basin on 10/7/14 and did not see evidence of illicit discharge.
61	172	Union	BOH	Closed	10/8/14	The BOH received a complaint of illegal dumping by a service station employee at 172 Union Street. The complaint alleged that the employee dumped anti-freeze into the storm drain.	10/8/14	Stephanie, an inspector from the Health Dept, went out shortly after we received the complaint to inspect. She didn't see any evidence of anti-freeze in the storm drain. There was a bit of green residue on the grate itself which looked like paint or oxidized copper. She took photos. She spoke to the person in charge at the service station and they denied the allegation.
62	635	Waverly St	DPW	Closed	10/9/14	DPW reported water flowing into catch basin outside Ron's Tire, noted while driving by and he did not identify the source.	10/9/14	DPW inspected source. Water was allowable non-stormwater discharge of potable water used during concrete coring.
63	N/A	Waverley Lane	BOH	Closed	10/28/14	Health Department was notified by DPW of sanitary sewer along Waverly Lane that had backed up. Health Dept & ConCom conducted site visit on 10/28/14.	10/28/14	Health Dept reported that it did not appear that sewage had entered the stormwater system. They were continuing their investigation.
64	596	Waverly Street	ConCom	Closed	10/28/14	DPW employee (Bruce Kinsman) observed construction personnel from San Pau Bakery (under construction) dumping into the catch basin in front of the bakery. Appeared to be wash water from construction activities (i.e. paint). B.K. contacted the Stormwater Engineer (Kerry Reed) who notified ConCom. B.K. told personnel to stop.	10/28/14	Con Com may issue a notice of violation (in conjunction with NOV for encroachment of Cedar Swamp)
65	22	Waverly St	DEP	Closed	12/9/14	Oil sheen observed on stormwater runoff from Citgo Gas onto Waverly and into catch basin. Fire Department notified DEP and owner. Owner contracted clean-up. No observed impacts beyond catch basin	12/15/14	

**Town of Framingham
Illicit Discharges or Connections**

66		Hollis Street	BOH	Ongoing	12/30/14	DPW employee observed white pvc pipe discharging from below porch into roadway. Discharge appeared to have suds and may have be connected to a washing machine.		BOH investigated and discovered it was a sump pump discharge. Owner claims it was "approved by Town". BOH & DPW determining who has jurisdiction to require removal due to safety concerns.
Permit Year 13 (March 2015 - March 2016)								
67	34	Pershing Ave.	ConCom	Closed	4/7/15	Resident at 12 Victory reported suspected illicit via stormwater reporting email address. Resident observed PVC pipe from property at 34 Pershing discharging what appeared to be grey water into drainage swale at rear of property. Drainage swale is along property line. Stormwater Engineer contacted ConCom to investigate. ConCom contracted resident and tried to get access to property. Unable to observe. No definitive proof of illicit discharge	6/15/15	
68	84	New York Ave.	TBD	Closed	4/23/15	Call received by Nikki Paul (Water). The caller claims that he is employed at Genzyme for over 20 years and for the last 4 months he has watched an employee of Fed Ex dump green foamy waste from a floor cleaner down the storm drain, the guy actually wheels the floor cleaner to the storm drain and lets it go into the storm drain. This occurs twice a day at least and it is 20-30 gallons each time. He says that when you get to New York Ave do not go into the customer service entrance go into the fleet side of the building and the storm drain is located on that side of the building. At the end of the conversation he left his name and number Tim Connors 508-270-2221.	4/23/15	VueWork does not show a connection from the FedEx property to the Town's MS4.
69	1645	Concord St	TBD	Closed	4/29/15	During inspection of levee system, DPW employee (K. Reed) observed white staining around the catch basin in the parking lot of 1645 Concord Street (Niko's Pizza shopping complex). Appeared to be dumping, potentially paint or other waste from remodeling at adjacent business.	7/16/15	Appeared to be on-time dumping. Evidence of dumping has not been observed since initial observation on 4/29/15.
70	94	Wilson Avenue	Bldg & Wire	Closed	6/2/15	Resident filed complaint about sediment runoff into street and catch basins from construction of a single family residence. Contractor replied that it was a result of a landscaping delivery and performed street sweeping of road.	6/3/15	
70	7	Arlene Drive	DPW	Closed	6/25/15	Outfall monitoring at 7/9 Arlene Drive idenitified presence of chlorine and high pH. Inspector (K. Reed) notified the Water Department. The Water Department conducted a leak inspection and found leaks in the water main near Greenleaf Circle. The repairs were made on 7/15/15	7/16/15	Source appears to be I&I from water main leak; not directly connected to drainage line.
71	25	Stevens Road	DPW/Inspection services	Closed	8/18/15	Inspection by DPW Highway (in response to flooding complaints) of catch basin in road. Observed blue liquid coming from property into road manhole. Appeared to be coming from drain at loading dock. Looked & smelled like cleaning product (e.g. floor wax). Most likely maintenance personel dumping into loading dock drain. Also, pipe from parking lot into road which is safety violation. Follow-up: Assigned to Inspection Services. Inspector visited site on 9/2/15. Inspection Services gave the head of maintenance at Kathleen Daniels a written warning about the dumping of chemicals into the storm drains and educated them about drainage system & dumping. They promised that they will now only dump their chemicals and mop buckets into the designated mop sinks. Inspection services reinspected on 9/11/15 to ensure that they are no longer dumping into the storm drains.	9/11/15	

**Town of Framingham
IDDE Tracking Matrix**

72	272	Howard St	DPW/Inspection services	Closed	9/9/15	Resident emailed "There is an autobody shop at the corner of Grant and Howard. There is a garden hose running from inside the shop into what I think is a street drain in the back...I'm concerned that there might be some dumping going on." Stormwater Supervisor (McCarty) inspected on 9/9/15. Hose was discharging from a sump pump to a private drain in the parking area (drywell) which does not connect to the Town drain system.	9/9/15	Recommend BoH or Inspection Services check that discharge is uncontaminated groundwater from sump pump and not impacted by oils & grease from autobody shop.
73	672	Waverly St	DPW/Inspection services	Closed	10/23/15	DPW employee observed observed grease and kitchen waste in the gutter & catch basins along Bridges Street near the corner with Waverly Street. It appeared to him to be a common practice of the restaurant at 672 Waverly Street to dump their waste out the back door.	10/23/15	DPW (K. Reed) visually inspected gutter & catch basins on 10/23. Did not observe obvious signs of dumping.
74	10	California	DPW/Inspection services	Closed	10/28/15	0/28/15 - Email notification from Genzyme to DPW : "I am contacting regarding 1st notification for the recent discovery of a sanitary/storm water systems @ 10 California. The condition was immediately remediated upon discovery. 2 independent camera inspections and an exploratory excavation of the sanitary/storm drains has confirmed that the 10 Cal Medical Clinic 4" Sanitary Drain was incorrectly tied into the 10" Roof/Storm Drain. This work was completed under T of F BLD Permit # 130163 & C of O 12224 - 04 Aug 2013. I have all of the discovery and review of the documentation completed. All of the appropriate CM's - A/E Plumbing Engineer inspections have appropriate stamps and wet signatures. The permit set and as-builts show that the drain was to be tied into the main sanitary drain. But the physical tie in is directly connected to the 10" storm/Roof drain under the interior building slab...." 11/3/15 - Met with Genzyme, DPW, Inspection Services. Genzyme will send DPW copies of reports & will do smoke test or tv lines, will inspect outfall. 12/9/15 - Update from Genzyme "almost done with all action items. Inspection and sampled done waiting for reports. We'll be in contact soon to execute the dye testing." 1/6/16 - DPW received memorandum from Genzyme's consultant Tetra Tech dated 12/16/15 summarizing investigation, sampling, and mitigation activities.	1/6/16	The Town is satisfied that the illicit discharged was addressed sufficiently and the illicit connection was eliminated.
75	550	Worcester Rd	DPW/Inspection services	Open	11/16/15	Report of sewer being discharged to drainage. Plumber called in after toilet kept overflowing during rain events. Discovered toilet was tied to 12" line under the building which connects to catch basin in parking lot. Discharge is routed to another catch basin within the parking lot before being connected the a catch basin along Frasier Rd. Eventually outfalls near Fuller School. Owner to inspect lines and conduct dye testing with Sewer Department. Owner will need to clean lines.		12/9/15 - Inspection Services & DPW inspectors met with property owner to check bathroom was re-plumbed correctly.
Permit Year 14 (April 2016 - March 2017)								

**Town of Framingham
Illicit Discharges or Connections**

76	42	East St	DPW	Closed	5/19/16	Water Dept fixed a water main break on East St on May 18 & 19, 2016. The water line went through a drainage manhole on East St. The Water Dept reported seeing petroleum product discharging from the drainage line into the manhole, but they couldn't tell where it was coming from or if the water break contributed to it somehow. No visible evidence of petroleum was observed during follow-up inspections by the Stormwater Crew. It is assumed that the observations of petroleum were somehow related to the response for the water main break or a past spill nearby, and are not attributed to an illicit connection.	5/20/16	5/20/16 - DPW (Stormwater Supervisor Brook McCarty) inspected the drainage manhole. Although there was a petroleum odor, there was no visible sign (i.e. sheen) on the discharge or in the manhole. Stormwater Engineer (Kerry Reed) inspected the downstream outfall to Beaver Dam Brook. There was no evidence of a sheen.
77	330	Waverly	DPW	Closed	6/24/16	DPW personnel observed a catch basin and recent trench patch at an auto-body repair shop at 330 Waverly Street that did not appear to be permitted. The concern is that floor drains or other onsite drainage was tied into the Town's MS4. DPW to investigate connections.	8/19/16	7/1/16 - DPW (Brooks McCarty) inspected the system and confirmed floor drain (trench style) within auto shop is connected to catch basin and Town's drainage system 7/1/16 - DPW (Kerry Reed) emailed Board of Health for enforcement 7/11/16 - DPW sent NOV 8/12/16 - Property owner came to Engineering to discuss violation. He stated that they will block the floor drain. DPW (K. Reed) stated that it was ok to leave the catch basin in the parking lot operational, since it was a grandfathered connection to the MS4. DPW confirmed work was completed.
78	16	Carling Rd	DPW	Closed	6/27/16	The DPW-Engineering received a phone call from a neighbor (who chose to remain anonymous) that contractors doing remodeling at the house at 16 Carling Rd were washing out paint and dumping other construction waste in the nearby catch basin. The neighbor notified that home owner that the action was not allowed, but the home owner took no action to correct the problem. 6/27/16 - DPW inspected and observed evidence of dumping on catch basin grate. Could not identify responsible party. 6/30/16 - DPW sent neighborhood notice	6/30/16	
79	1-2	Roxanna St	BOH	Closed	11/2/16	Mr. Frank DeMarco notified Board of Health that he observed oil & water running into the catch basin outside of 1-2 Roxanna St.	11/3/16	11/3/16 - BoH & ConCom to investigate. Nothing found.
80	105	Pennsylvania Ave	DPW/ MWRA	Closed	2/27/17	The property owner (Nestle Water bottling) called DPW and informed us that one of their polishing tanks located on the south side of their building had burst at approximately 1:15 am. The polishing tank typically discharges to the sewer system under a MWRA permit. The polishing tank spilled into their building, onto the loading dock, and into the parking lot drainage system. The parking lot drainage system discharges to a drainage swale along the railroad to the south of their property. The spill did not discharge into the Town's MS4. The concern with the discharged water was high pH. Nestle sampled the discharge on their property at around 9.6 pH but at 7.5 pH near the drainage swale. They have hired Clean Harbors for clean-up.	2/27/17	POC at Nestle is Josh 781-291-9421 or Jamie Mansfield 508-907-0866

**Town of Framingham
IDDE Tracking Matrix**

Permit Year 15 (April 2017 - April 2018)							
81	84	New York Ave	DPW	Closed	5/1/17	On ClickFix, on-line reporting from anonymous source: "Daily activities at the location include discharging the wastewater from the floor scrubbing machine(s) to the storm drain in the parking lot area. The floors are scrubbed and cleaned regularly due to the maintenance/storage of the FedEx trucks in the buildings. Potential oil/grease/chemical discharge from the floor scrubbing."	5/2/17 The Town responded: "We've investigated this issue, however, cannot substantiate the claim without further evidence showing specifically where or when this discharge is occurring. Should you suspect further issues please contact the Engineering Division at 508-532-6010."
82	7	Cody Rd	DPW/BoH	Closed	5/9/17	DEP forwarded the Town a complaint they received regarding discharging pool water into the drainage system.	5/9/17 The DPW inspected the site and spoke with the pool contractors (Gunitite Pools & Spas). The contractor had pumped out accumulated rainwater from the pool prior to making repairs. The DPW inspector saw no evidence of an illicit discharge or erosion resulting from this discharge. Discharges of accumulated rainwater and dechlorinated pool water are allowable under the Town's IDDE bylaw.



URBAN STREET SWEEPING PROGRAM

URBAN STREET SWEEPING

Major components of urban impervious cover that can contribute to waterway pollutants include:

- Roadways
- Parking lots
- Densely populated areas
- Business and commercial districts



A PROACTIVE APPROACH TO STOP 'UPSTREAM' POLLUTANTS

- To complement existing programs for catch basin cleaning, storm drain outfall monitoring and culvert cleanouts, this program will collect litter, debris, pollutants and sediments from street surfaces BEFORE they enter the stormwater system and terminate in a body of water.
- Farm Pond, Learned Pond, Washakum Pond, and Beaver Dam Brook (which leads to Fisk Pond in Natick) will be directly impacted.



PROGRAM BENEFITS

- This program designates 29.85 lane miles of urban roadways to be swept on a monthly basis and 5.3 lane miles every night.
- The Urban Sweeping Program will:
 - Support local businesses
 - Provide cleaner, more attractive neighborhoods
 - Comply with the new MS4 Stormwater Regulations
 - Enable cleaner waterways/waterbodies in Town



STREET SWEEPING EQUIPMENT

- The Town has made considerable investments in street sweeping equipment.
- Public Works staff currently operates mechanical and vacuum sweepers.



PROGRAM PARKING RESTRICTIONS

The sweeping program shall utilize best practices to ensure effective results.

Obstacle:

- On-street parking significantly interferes with the sweepers' ability to effectively collect debris, as most debris collects within 24 inches of the curb.

Solution:

- Restricting on-street parking in identified residential areas during the daytime one Tuesday per month for a two hours period.
- Downtown business district restricted overnight parking for two hours per night.



PROGRAM GOALS

- Curb-to-curb street cleaning
- Regularly scheduled and monitored
- Minimal impact to businesses and residents
- Post-season evaluation, lessons learned, and adjustments



PROPOSED URBAN SWEEPING SCHEDULE

AREA	DAY OF THE MONTH	AREA EFFECTED	LENGTH OF ROUTE (MILES)
A	1 ST TUESDAY	ROADS OFF OF UNION AVE/CONCORD ST	7.5
B	2 ND TUESDAY	CEDAR ST/COBURNVILLE	8
C	3 RD TUESDAY	SOUTH ST/ARLINGTON	6.75
D	4 TH TUESDAY	BEAVER ST AREA	7.6
	EVERY NIGHT	UNION AVE, WAVERLEY ST, AND CONCORD ST	5.3
		TOTAL	35.15 LANE MILES

