

Municipality/Organization: Town of Framingham

EPA NPDES Permit Number: MA R041116

MaDEP Transmittal Number: W-041299

**Annual Report Number
& Reporting Period:** No. 13: March '15 – March '16

NPDES PII Small MS4 General Permit Annual Report

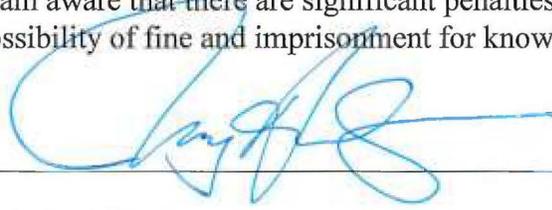
Part I. General Information

Contact Person: Robert Halpin Title: Town Manager

Telephone #: 508-532-5400 Email: rhalpin@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: Robert Halpin

Title: Town Manager

Date: 4.22.2016

Part II. Self-Assessment

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

For compliance with the six Minimum Control Measures, the Town completed the following for Year 13:

- The Town undertook several education and participation efforts, including:
 - A “Scoop the Poop” pollution education campaign.
 - Increased our use of our website and social media for education and event announcements.
 - Hosted two Household Hazardous Waste Collection Days and a Rain Barrel Event for residents.
 - Participated at the Town’s Earth Day, Farmers Market, RiverFest, and Summer Reading Kick-off events.
 - Provided water resources classes at four Town elementary schools.
- The Town continued water quality monitoring and sampling as part of our IDDE Implementation Plan at approximately 15% of the Town’s outfalls. The Town investigated and addressed ten potential illicit discharges.
- The Town’s Engineering Division reviews, on average, about 20 to 25 construction and post-construction submittals monthly for compliance with the Town’s bylaws and the MassDEP stormwater management standards.
- The Town’s Department of Public Works completed 150 stormwater system related work orders to maintain our water quality BMPs, catch basins, and drainage lines. Street sweeping was conducted on all roads at least once, twice in high priority areas, and almost daily in the downtown area.

The Town joined 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 Town developed a cost assessment for compliance for the current and 2014 draft permit, including staff labor (across many departments and positions), operations and maintenance, equipment costs (rental and depreciation), and third party vendors and consultants. Town staff attended workshops on stormwater funding and utilities, one hosted by the CMRSWC and one hosted by the Baystate Roads Program.

The Town continues to develop and update our Stormwater Master Plan using a prioritized sub-basin approach. The Stormwater Master Plan includes field data collection, GIS data compilation, asset condition assessments, hydrologic/hydraulic modeling, water quality assessment, alternative improvements evaluations, and capital improvement recommendations. The Town has completed the plan for 12 out of our 22 sub-basins. The Town 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.

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 and beyond
NA	Continue to find uses for SuAsCo postcards. Participate in Earth Day and Riverfest.	SuAsCo/ Framingham DPW	NA (none created for the 13 th permit year)	<p>SuAsCo Postcards were uploaded to the Town’s website and continue to be included in notifications regarding illicit discharges.</p> <p>Stormwater education materials were made available at the Town’s Earth Day Celebration on April 25, 2015, at Riverfest and Summer Reading Kick-off both on June 20, 2015, and at the Farmers Market on August 13, 2015.</p> <p>The Town Public Works provided water resources classes at Wilson, Barbieri, King, and Stapleton Elementary Schools.</p>	<p>Continue public education efforts.</p> <p>Continue participation in environmentally related events.</p> <p>Remainder to be determined for the next 5-year permit based on EPA requirements to be published.</p>

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 14 and beyond
NA	Continue Drain Marking Program Provide support to local groups.	SuAsCo/ Framingham, DPW	NA (none created for the 13 th permit year)	<p>The Town continued coordination with and encouraging local groups, including: OARS, Lake Cochituate Watershed Council, and MassAudubon.</p> <p>The Framingham DPW hosted two Household Hazardous Waste Collection Days on May 9, 2015 and October 30, 2015 and Rain Barrel Event on May 13, 2015 for residents.</p>	<p>Continue coordination with local groups.</p> <p>Continue annual Household Hazardous Waste Collection Day and Rain Barrel Event</p> <p>To be determined for the next 5-year permit based on EPA requirements to be published.</p>

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 14 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 DPW monitored and performed sampling at approximately 15% of the Town’s outfalls, in the Cochituate, Dunsdell Brook, and Hop Brook sub-basins.</p> <p>Samples were taken, based on visual inspection, for:</p> <ul style="list-style-type: none"> - temperature - pH - phosphorus (total) - nitrogen (as ammonia) - detergents - chlorine - bacteria (coliform) - conductivity - dissolved oxygen <p>The Town investigated and addressed ten potential illicit discharges. The Town’s IDDE tracking matrix and monitoring/sampling results are included with this report.</p>	<p>Monitoring and sampling to be performed at approximately 20% of the Town’s outfalls, in the 9/90, Old Town Center, Baiting Brook, North Saxonville, and Birch Meadow Brook sub-basins. Samples will be taken for the parameters listed in the previous column.</p> <p>Other activities to be determined for the next 5-year permit based on EPA requirements to be published.</p>

4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13	Planned Activities – Permit Year 14 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 Town's Engineering Division reviews, on average, about 20 to 25 submittals monthly.	Continue review of construction submittals for compliance with Massachusetts DEP Stormwater Management Standards and Town bylaws. Other activities to be determined for the next 5-year permit based on EPA requirements to be published.

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 and beyond
NA	Implement Drainage Master Plan.	Framingham DPW/Con Comm	Continue implementation.	The Town 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. As explained above for construction, the Town's Engineering Division reviews, on average, about 20 to 25 new or redevelopment submittals monthly.	The Town will continue to plan for and implement the recommendations of the master plan. Other activities to be determined for the next 5-year permit based on EPA requirements to be published.

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 and beyond
NA	Evaluate CB Cleaning	Framingham DPW	Implement the SWMP.	The Framingham DPW completed 150 stormwater system related work orders including inspection and maintenance of water quality BMPs, catch basins, and drainage lines. Street sweeping was conducted on all roads at least once, twice in high priority areas, and almost daily in downtown area.	Continue stormwater system operations and maintenance in accordance with the Town’s Stormwater Management Plan. Other activities to be determined for the next 5-year permit based on EPA requirements to be published.

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 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 14 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

Results of Year 13 outfall monitoring and sampling are attached to this report.

A tracking matrix of IDDE complaints and resolutions is attached.

**Town of Framingham
IDDE Tracking Matrix**

Str. No.	Street	Applicable Authority	Status	Open Date	Problem and Resolution	Close Date	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 by owner from sewer at Sewer Dept's order. Potential illicit connection to drainage system	2/20/09	No drain line seen. Likely intermitently 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

**Town of Framingham
Illicit Discharges or Connections**

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.
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	2/15/009	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

**Town of Framingham
IDDE Tracking Matrix**

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.
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.

**Town of Framingham
Illicit Discharges or Connections**

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	
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	

**Town of Framingham
IDDE Tracking Matrix**

70	7	Arlene Drive	DPW	Closed	6/25/15	Outfall monitoring at 7/9 Arlene Drive identified 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 personnel 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	
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.

**Town of Framingham
Illicit Discharges or Connections**

74	10	California	DPW/Inspection services	Closed	10/28/15	<p>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..."</p> <p>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.</p> <p>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."</p> <p>1/6/16 - DPW received memorandum from Genzyme's consultant Tetra Tech dated 12/16/15 summarizing investigation, sampling, and mitigation activities.</p>	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	<p>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.</p>		12/9/15 - Inspection Services & DPW inspectors met with property owner to check bathroom was re-plumbed correctly.

Town of Framingham - DPW/Engineering NPDES Outfall Monitoring

Inspector: Kerry Reed (DPW - Snr Stormwater Engineer)

Sub-basin	Asset ID	Location- approximate	Date	Time	Flow? (Y/N)	Sample taken? (Y/N)	Notes
Cochituate	2008598	2 Jay Dr cul-de-sac	5/7/2015	9:45	N	N	Reinspect following completion of PUD
Cochituate	2000010	Between 10 Lakeview Rd & 116 Lake Rd	5/7/2015	9:55	N	N	Some erosion near headwall Black pipe from lake to 10 Lakeview Rd property, appeared to be for irrigation
Cochituate	2000011	22 Forest Road (into Lake Cochituate)	5/7/2015	10:26	N	N	
Cochituate	2110179	26/32 Delmar (into Lake Cochituate)	5/7/2015	10:39	Y	Y	
Cochituate	2109791	Reardon Park into Cochituate Brook, near pedestrian bridge	5/7/2015	11:40	Y	Y	end of pipe segment broken & in stream
Cochituate	2008386	School Street bridge over Cochituate Brook	5/14/2015	10:00	N	N	
Cochituate	2008388	School Street bridge over Cochituate Brook	5/14/2015	10:00	N	N	
Cochituate	2018858	School Street bridge over Cochituate Brook	5/14/2015	10:00	N	N	
Cochituate	2008387	School Street bridge over Cochituate Brook	5/14/2015	10:00	N	N	
Cochituate	2110248	School Street bridge over Cochituate Brook	5/14/2015	10:00	N	N	
Cochituate	2111019	Along Cochituate Rail Trail	5/14/2015	10:22	N	N	
Cochituate	2111018	Along Cochituate Rail Trail	5/14/2015	10:30	Y	Y	
Cochituate	2008389	Along Cochituate Rail Trail 2 x 42" culverts from under warehouse	5/14/2015	10:45	Y	Y	

Sub-basin	Asset ID	Location- approximate	Date	Time	Flow? (Y/N)	Sample taken? (Y/N)	Notes
Cochituate	2109802	14/16 Capri Dr	5/14/2015	11:24	N	N	
Cochituate	2111023	Along Cochituate Rail Trail	5/14/2015	N/A	--	--	Not found
Cochituate	2109951	OCP over Cochituate Brook (at bridge)	5/14/2015	11:36	N	N	
Cochituate	2008112	OCP over Cochituate Brook (at bridge)	5/14/2015	11:36	N	N	
Cochituate	2109494	OCP over Cochituate Brook (at bridge)	5/14/2015	11:36	N	N	
Cochituate	2008155	45 Brownlea	5/14/2015	11:55	N	N	Almost completely blocked
Cochituate	2018917	7/9 Foley Dr	5/14/2015	12:06	N	N	Pipe end full of concrete
Cochituate	2109793	57 Gleason St	5/28/2015	10:00	Y	Y	Dumping near outfall Received runoff from Turnpike
Cochituate	2000109	Concord St Bridge near warehouse Park	5/28/2015	10:27	N	N	No catch basin. Storm drain cover with direct discharge to stream
Cochituate	2008120	A Street culvert (upstream)	5/28/2015	10:40	Y	Y	Piped stream Stone culvert, open channel for ~8-10 feet, then into 24" corrugated metal pipe under A Street
Cochituate	2000018	5/7 Norman Drive	5/28/2015	11:15	N	N	
Cochituate	2000017	10/12 Femia Road	5/28/2015	11:30	N	N	
Cochituate	2000016	End of Emily Rd	5/28/2015	11:37	N	N	
Cochituate	2008634	Merlin Street	5/28/2015	11:50	N	N	

Sub-basin	Asset ID	Location- approximate	Date	Time	Flow? (Y/N)	Sample taken? (Y/N)	Notes
Cochituate	2018915	7/9 Arlene Dr	5/28/2015	12:10	Y	Y	Same outfall ID - two pipes within same headwall
Cochituate	2018915	7/9 Arlene Dr	5/28/2015	12:10	N	N	Same outfall ID - two pipes within same headwall
Cochituate	2109793	57 Gleason St	6/25/2015	10:05	Y	Y	Resample (#21 on 5/28/15)
Cochituate	2109898	15/17 Arlene Dr	6/25/2015	10:30	N	N	Fence limited access
Cochituate	2018915	7/9 Arlene Dr	6/25/2015	10:40	Y	Y	Resample (#28 on 5/28/15)
Cochituate	2110188	Sealtest Dr	6/25/2015	10:50	--	--	Not found
Cochituate	2006824	End of Sealtest Dr	6/25/2015	10:55	--	--	Not found
Cochituate	2002812 (CB ID)	Burr Street	6/25/2015	11:05	N	N	
Cochituate	Multiple	Leggatt McColl Connector	6/25/2015	11:17	--	--	Not found Road drainage enters private drainage - no easements
Cochituate	2007167	85 Speen Street	6/25/2015	11:35	Y	Y	Drainage from MassDOT (turnpike)
Cochituate	2109801	Under Speen St bridge (near 85 Speen Street)	6/25/2015	11:35	--	--	Could not access - under bridge
Cochituate	2000014	150 Speen Street	6/25/2015	11:35	--	--	Not found
Cochituate	2000007	Speen & Cochituate	6/25/2015	11:53	--	--	Not found
Cochituate	2012213	Speen & Cochituate	6/25/2015	11:54	--	--	Not found

Sub-basin	Asset ID	Location- approximate	Date	Time	Flow? (Y/N)	Sample taken? (Y/N)	Notes
Cochituate	2007497	Burr St Ext.	6/25/2015	11:50	--	--	Not found
Hop Brook	2011671	66 Carter Drive	7/14/2015	9:33	N	N	
Hop Brook	2011668	51 Carter Drive	7/14/2015	9:41	Y	N	Appears to be culverted stream. No physical indicators of pollution; no sample collected
Hop Brook	2011669	43/45 Carter Drive	7/14/2015	9:52	N	N	
Hop Brook	2009084	33/35 Carter Drive	7/14/2015	10:02	Y	N	Appears to be culverted stream. No physical indicators of pollution; no sample collected
Hop Brook	2011496	15 Juniper Lane	9/21/2015	10:40	N	N	outfall next to 3 x 4' culverts
Hop Brook	2110166	16 Juniper Lane	9/21/2015	10:45	--	--	Not found
Hop Brook	2009163	End of Bayberry Lane (& Juniper)	9/21/2015	10:58	N	N	Outfall is is lower elevation than stream bed (dry)
Hop Brook	2009162	Chickatawhut Rd	9/21/2015	11:00	N	N	Outfall & culvert at headwall
Hop Brook	2009161	Mohawk Dr.	9/21/2015	11:10	N	N	outfall appears mostly submerged in wet pond
Hop Brook	2009166	Edgell Rd (north)	9/21/2015	11:40	Y	N	outfall & culvert together. Flow from upstream spring on opposite side of the street; therefore, no sample taken.
Hop Brook	2009170	Kara Ann Dr.	9/21/2015	11:55	N	N	
Hop Brook	2011224	Nob Hill Drive (to Garden in the Woods)	9/21/2015	12:10	Y	N	Culverted stream, no indicators of pollution
Hop Brook	2009159	Baldwin Ave.	9/21/2015	12:55	N	N	submerged, samaged headwall with lots of sand deposits nearby

Sub-basin	Asset ID	Location- approximate	Date	Time	Flow? (Y/N)	Sample taken? (Y/N)	Notes
Hop Brook	2009158	51 Karen Rd	9/21/2015	13:06	Y	N	Culverted stream, no indicators of pollution
Hop Brook	2009169	Harrington Rd	9/21/2015	13:20	Y	N	Completely submerged outfall, fed from wetlands system upstream.
Hop Brook	2009167	Edgell/Hiram	10/27/2015	10:38	N	N	
Hop Brook	2009168	5 Hiram	10/27/2015	10:45	N	N	
Hop Brook	2011227	141 Baldwin	10/27/2015	10:55	--	--	Not found
Hop Brook	2009164	32 Treelane Dr.	10/27/2015	11:10	N	N	
Hop Brook	2009156	43 Janebar Circle	10/27/2015	11:20	N	N	
Hop Brook	2011557	49 Janebar Circle	10/27/2015	11:27	N	N	
Hop Brook	2009140	67/69 Apple D'Or	10/27/2015	11:35	N	N	
Hop Brook	2009155	Edgell culvert (near Water St)	10/27/2015	13:50	N	N	outfalls in culvert under road
Hop Brook	2011720	3 Donovan Dr.	10/27/2015	14:00	N	N	
Hop Brook	2011720	9 Donovan Dr.	10/27/2015	14:05	N	N	
Hop Brook	2011720	13 Donovan Dr.	10/27/2015	14:07	N	N	
Hop Brook	2011551	Hemenway School	10/27/2015	14:15	N	N	

Sub-basin	Asset ID	Location- approximate	Date	Time	Flow? (Y/N)	Sample taken? (Y/N)	Notes
Hop Brook	2009141	Hemenway Rd & CSX ROW (west side)	10/27/2015	14:28	Y	N	No indicators of illicit discharge
Hop Brook	2011232	Hemenway Rd & CSX ROW (east side)	10/27/2015	14:30	N	N	
Hop Brook	2009148	64 Hemenway culvert	10/27/2015	14:40	--	--	Could not observe outfall. Appears to discharge directly into culvert under road.
Hop Brook	2011436	64 Hemenway culvert	10/27/2015	14:40	--	--	Could not observe outfall. Appears to discharge directly into culvert under road.
Hop Brook	2009149	Merrill Drive	10/27/2015	14:49	N	N	
Hop Brook	2009143	31 Gregory Rd (culvert)	10/27/2015	14:55	N	N	
Hop Brook	20091522	51 Gregory Rd (culvert)	11/5/2015	10:35	N	N	3 outfalls at culvert headwall
Hop Brook	2011438	51 Gregory Rd (culvert)	11/5/2015	10:35	N	N	3 outfalls at culvert headwall
Hop Brook	2009151	51 Gregory Rd (culvert)	11/5/2015	10:35	N	N	3 outfalls at culvert headwall
Hop Brook	2009150	Sloane Drive	11/5/2015	10:42	N	N	
Hop Brook	2011229	Sloane Drive	11/5/2015	10:42	N	N	
Hop Brook	2009145	16 Oakvale Rd	11/5/2015	10:49	N	N	
Hop Brook	2009144	Burbank Circle	11/5/2015	10:56	N	N	almost buried
Hop Brook	2009147	Hadley Rd	11/5/2015	11:00	N	N	Corrugated metal - bottom rusted out

Sub-basin	Asset ID	Location- approximate	Date	Time	Flow? (Y/N)	Sample taken? (Y/N)	Notes
Hop Brook	2009144	Whittemore Rd	11/5/2015	11:05	N	N	
Hop Brook	2012145	665 Potter Rd	11/5/2015	11:17	--	--	Not found
Hop Brook	2009153	71 Eaton Rd	11/5/2015	11:37	N	N	Severe erosion at oufall/headwall. Almost 2 feet deep scour.
Hop Brook	2110181	189 Eaton Rd	11/5/2015	11:42	N	N	Headwall disconnected from pipe; falling into swale.
Hop Brook	2011430	8 Colonial Drive	11/5/2015	11:51	--	--	Not found; might be directly discharged to culvert under road.
Hop Brook	2009079	398 Winch St	11/5/2015	13:00	N	N	
Dunsdell Brook	2011700	Garvey Road	11/5/2015	12:20	--	--	Not found
Dunsdell Brook	2009083	Garvey Road	11/5/2015	12:20	--	--	Not found
Dunsdell Brook	2009082	Garvey Road	11/5/2015	12:30	--	--	Not found
Dunsdell Brook	2011705	Garvey Road	11/5/2015	12:30	--	--	Not found
Dunsdell Brook	2009092	877 Grove Str	11/5/2015	12:40	N	N	
Dunsdell Brook	2009081	2 Sage Lane	11/5/2015	12:50	N	N	
Dunsdell Brook	2009080	256 Winch St	11/5/2015	12:55	N	N	
Dunsdell Brook	200912257	55 Agnes Dr	11/5/2015	13:20	N	N	

Sub-basin	Asset ID	Location- approximate	Date	Time	Flow? (Y/N)	Sample taken? (Y/N)	Notes
Dunsdell Brook	2009124	5 Claudette Cir	11/5/2015	13:26	N	N	
Dunsdell Brook	2011631	2 Walkup Circle	11/5/2015	13:30	--	--	Not found, no evidence of flow
Dunsdell Brook	2009126	39/41 McAdam	11/5/2015	13:37	N	N	Half full of sediment
Dunsdell Brook	20116294	6 Lyman Way	11/5/2015	13:47	N	N	
Dunsdell Brook	2110860	10/12 Lyman Way	11/5/2015	14:00	N	N	
Dunsdell Brook	2009123	10/12 Livoli Rd	12/9/2015	11:00	Y	N	culverted stream No indicators of pollutants/illicit discharges
Dunsdell Brook	2011176	6/8 McAdams	12/9/2015	11:10	Y	N	culverted stream No indicators of pollutants/illicit discharges
Dunsdell Brook	2011172	6/8 Lyman Rd	12/9/2015	11:20	--	--	Yards/easement fenced. No access.
Dunsdell Brook	2011170	664 Edgell/2 Janice Circle	12/9/2015	11:25	Y	N	culverted stream No indicators of pollutants/illicit discharges
Dunsdell Brook	2011747	2/4 Janice Circle	12/9/2015	11:30	N	N	Headwall & pipe full of sediment and blocked
Dunsdell Brook	2009142	77 Water Street (near new McAuliffe library)	12/9/2015	12:00	N	N	
Dunsdell Brook	2009115	49 Leigh Rd	12/9/2015	13:33	N	N	wing wall for headwall disconnected but stable
Dunsdell Brook	2009116	13 Leigh Rd	12/9/2015	13:39	N	N	
Dunsdell Brook	2009117	17/19 Poplar	12/9/2015	13:46	N	N	

Sub-basin	Asset ID	Location- approximate	Date	Time	Flow? (Y/N)	Sample taken? (Y/N)	Notes
Dunsdell Brook	2011441	76 Woodland Dr	12/9/2015	13:51	--	--	Fenced, no access
Dunsdell Brook	2011470	44 Florita Dr.	12/9/2015	14:00	N	N	

Town of Framingham - DPW/Engineering NPDES Outfall Analytical Sampling Results

Inspector: Kerry Reed (DPW - Snr Stormwater Engineer)

Sub-basin	Asset ID	Location- approximate	Date	Time	Water Temp. (°F)	Dissolved Oxygen (mg/L)	Conductivity (mS/cm)	pH	Total Chlorine (ppm)	Free Chlorine (ppm)	Total Hardness (ppm)	Total Alkalinity (ppm)	Ammonia (mg/L)	Nitrate (mg/L)	Detergents (ppm)	Toal Phosphorus (mg/L)	Coliform (MPN)	E. Coli (MPN)	Notes
					YSI Probe	YSI Probe	YSI Probe	strips	strips	strips	strips	strips	strips	strips	DR890	Chemets	Hach DR890	Colilert	
EPA/Mass. Standard (warm water)					>83°F	<5.0 mg/L	>2.0	6.0-8.3	0.0	0.0	>2,000		>0.3	>3.5	>0.25	>0.4			see Note 8
Cochituate	2110179	26/32 Delmar Ave (Lake Cochituate)	5/7/2015	10:45	52.0	11.2	0	7.2	0	0	50	80	0	1.8	0.0	3.42	488.4	387.3	No observed flow in upstream CBs, Observed standing water on DCR property flowing towards lake - assumed either wetlands or high groundwater in vicinity
Cochituate	N/A	In-stream sample Outlet for Lake Cochituate (near end of Delmar Ave)	5/7/2015	11:15	68.5	10.7	0	7.8	0	0	120	80	0.25	0.5	0.0	2.16	37.9	2	
Cochituate	2109791	Reardon Park, near pedestrian bridge over Cochituate Brook	5/7/2015	11:45	56.8	9.8	0	7.2	0	0	50	40	0	>5.5	1.0	2.98	42.5	<1	
Cochituate	N/A	In-stream sample - Cochituate Brook taken from pedestrian bridge near Reardon Park	5/7/2015	12:00	65.8	11.54	0	8.4	0	0	120	80	0	0.3	1.0	4.92	65.4	14	
Cochituate	2111018	Cochituate Rail Trail	5/14/2015	10:30	55.9	10.6	*0	7.8	0	0	425	120	0.25	1.6	1.5	0.48	>2419.6	<1	
Cochituate	20008389	Cochituate Rail Trail 2 x 42" culverts from under warehouse	5/14/2015	10:45	53.0	10.73	*0	7.5	0	0	120	180	0.25	1.1	2.0	0.40	>2419.6	1203.3	Outfall contains surface water from piped stream as well as runoff from MS4 and Turnpike
Cochituate	*2109793 (sample 1)	57 Gleason St	5/28/2015	10:00	75.4	5.02	*0	7.8	0	0	120	180	0.25	2.4	3.0	0.61	>2419.6	>2419.6	Outfall contains surface water from upstream wetlands as well as runoff from MS4 and Turnpike
Cochituate	2008120	A Street culvert (upstream)	5/28/2015	10:40	56.8	10.3	*0	7.8	0	0	120	80	0	2.1	0.25	0.34	>2419.6	435.2	Outfall contains surface water from piped stream as well as runoff from MS4 and Turnpike
Cochituate	*2018915 (sample 1)	7/9 Arlene Dr	5/28/2015	12:10	58.4	11.7	*0	8.4	0.5	0	50	120	0.25	1.4	0.0	0.33	1.0	0.0	Suspect potable water source. Resampled on 6/25/15. Results below.
Cochituate	*2109793 (sample 2)	57 Gleason St	6/25/2015	10:05	64.1	7.4	0	6.8	0	0	80	120	0	0.4	0.75	>5.5*	>2419.6	137.4	*All phosphorus readings on this sampling day were high - assume it was result of improper sampling technique
Cochituate	*2018915 (sample 2)	7/9 Arlene Dr	6/25/2015	10:40	62.8	10.9	0	8.4	0.5	0	50	240	0	1.2	0.0	>5.5*	0.0	0.0	Suspect potable water source - reported to Water Department to investigate potential source Update: Water Dept detected & fixed leaks near Greenleaf Circle on 7/15/15
Cochituate	2007167	85 Speen St	6/25/2015	11:35	59.8	7.4	0	7.2	0	0	250	120	0	0.4	0.5	4.5*	37.7	6.1	



Town of Framingham
Outfall Discharge Inspection Form

Date 5/14/15

Time 10:30

Outfall Asset ID (from GIS) 2111018

Location (if no ID available) Cochituate Rail Trail
(street address or distance to nearest known location)

Inspector/Dept Kerry Reed / DPW

Discharge characteristics:

Flow? Yes No

Solid: None
 Leaves
 Household Trash (paper, food, other household items)
 Other (specify) _____

Fluid: Clear water
 Wash water (only from cars or laundry)
 Oil or gas (wetland sheens may or may not be oil/gas)
 Other (specify) _____

If fluid type not known, specify color, odor, turbidity:

Color: Clear Brown Green
 Gray Yellow Red
 Orange Other _____

Odor type: None Rancid/sour Sewage
 Oil/gas Sulfide Other _____

Odor strength: Faint Easily detected Strong N/A

Turbidity: Clear Cloudy Opaque

Receiving Water: Drainage System
 Wetland
 Water Body (specify) Cochituate Brook

(Water bodies: Sudbury River, Lake Cochituate, Reservoirs #1, #2, #3 Brooks: Hop, Baiting, Sucker, Cochituate, Beaver Dam, Course, Eames, Birch Meadow, Dunsdell, Square Meadow, Crooked, Willow, Cowassock, Angelica, Waushakum, Cemetery, Cochituate, Lokerville, Bannister, Barton Ponds: Sucker, Waushakum, Learned, Farm, Norton, Gleason, unnamed tributary streams)

Sample taken? Yes No

Comments (e.g. other location information, approximate volume or flow)

trickle - 2nd outfall on left along Rail Trail from
A/School entrance



Town of Framingham
Outfall Discharge Inspection Form

Date 5/14/15

Time 10:45

Outfall Asset ID (from GIS) 2008389

Location (if no ID available) Cochituate Brook 2x42" culverts
(street address or distance to nearest known location) below warehouse

Inspector/Dept Kerry Reed / DPW

Discharge characteristics:

Flow? Yes No

Solid: None
 Leaves
 Household Trash (paper, food, other household items)
 Other (specify) _____

Fluid: Clear water
 Wash water (only from cars or laundry)
 Oil or gas (wetland sheens may or may not be oil/gas)
 Other (specify) _____

If fluid type not known, specify color, odor, turbidity:

Color: Clear Brown Green
 Gray Yellow Red
 Orange Other _____

Odor type: None Rancid/sour Sewage
 Oil/gas Sulfide Other _____

Odor strength: Faint Easily detected Strong N/A

Turbidity: Clear Cloudy Opaque

Receiving Water: Drainage System
 Wetland
 Water Body (specify) Cochituate Brook

(Water bodies: Sudbury River, Lake Cochituate, Reservoirs #1, #2, #3 Brooks: Hop, Baiting, Sucker, Cochituate, Beaver Dam, Course, Eames, Birch Meadow, Dunsdell, Square Meadow, Crooked, Willow, Cowassock, Angelica, Waushakum, Cemetery, Cochituate, Lokerville, Bannister, Barton Ponds: Sucker, Waushakum, Learned, Farm, Norton, Gleason, unnamed tributary streams)

Sample taken? Yes No

Comments (e.g. other location information, approximate volume or flow)

Lots of sand at southern outfall/culverts
Sample taken from plunge pool
Concrete wall deflector at end of pipes



Town of Framingham
Outfall Discharge Inspection Form

Date 5/7/15

Time 1140

Outfall Asset ID (from GIS) 2109791

Location (if no ID available) Near pedestrian bridge over Cochituate Brook
(street address or distance to nearest known location) behind Reardon Park

Inspector/Dept Kerry Reed / DPW

Discharge characteristics:

Flow? Yes No

Solid: None
 Leaves
 Household Trash (paper, food, other household items)
 Other (specify) _____

Fluid: Clear water
 Wash water (only from cars or laundry)
 Oil or gas (wetland sheens may or may not be oil/gas)
 Other (specify) _____

If fluid type not known, specify color, odor, turbidity:

Color: Clear Brown Green
 Gray Yellow Red
 Orange Other _____

Odor type: None Rancid/sour Sewage
 Oil/gas Sulfide Other _____

Odor strength: Faint Easily detected Strong N/A

Turbidity: Clear Cloudy Opaque

Receiving Water: Drainage System
 Wetland
 Water Body (specify) Cochituate Brook

(Water bodies: Sudbury River, Lake Cochituate, Reservoirs #1, #2, #3 Brooks: Hop, Baiting, Sucker, Cochituate, Beaver Dam, Course, Eames, Birch Meadow, Dunsdell, Square Meadow, Crooked, Willow, Cowassock, Angelica, Waushakum, Cemetery, Cochituate, Lokerville, Bannister, Barton Ponds: Sucker, Waushakum, Learned, Farm, Norton, Gleason, unnamed tributary streams)

Sample taken? Yes No

Comments (e.g. other location information, approximate volume or flow)

End section of pipe has fallen into brook.
Remaining sections of pipe appear intact
Constant flow, low volume, maybe 0.1 inches within
pipe, no erosion around end of pipe



Town of Framingham
Outfall Discharge Inspection Form

Date 5/7/15

Time 1039

Outfall Asset ID (from GIS) 2110179

Location (if no ID available) 26/32 Delmar (into Lake Cochituate)
(street address or distance to nearest known location)

Inspector/Dept Kerny Reed / DPW

Discharge characteristics:

Flow? Yes No

Solid: None
 Leaves
 Household Trash (paper, food, other household items)
 Other (specify) _____

Fluid: Clear water
 Wash water (only from cars or laundry)
 Oil or gas (wetland sheens may or may not be oil/gas)
 Other (specify) _____

If fluid type not known, specify color, odor, turbidity:

Color: Clear Brown Green
 Gray Yellow Red
 Orange Other _____

Odor type: None Rancid/sour Sewage
 Oil/gas Sulfide Other _____

Odor strength: Faint Easily detected Strong N/A

Turbidity: Clear Cloudy Opaque

Receiving Water: Drainage System
 Wetland
 Water Body (specify) Lake Cochituate

(Water bodies: Sudbury River, Lake Cochituate, Reservoirs #1, #2, #3 Brooks: Hop, Baiting, Sucker, Cochituate, Beaver Dam, Course, Eames, Birch Meadow, Dunsdell, Square Meadow, Crooked, Willow, Cowassock, Angelica, Waushakum, Cemetery, Cochituate, Lokerville, Bannister, Barton Ponds: Sucker, Waushakum, Learned, Farm, Norton, Gleason, unnamed tributary streams)

Sample taken? Yes No

Comments (e.g. other location information, approximate volume or flow)

Slow trickle



Town of Framingham
Outfall Discharge Inspection Form

Date 5/28/15

Time 10:00

Outfall Asset ID (from GIS) 2109793

Location (if no ID available) 57 Gleason St.
(street address or distance to nearest known location)

Inspector/Dept Kerry Reed, DPW

Discharge characteristics:

Flow? Yes No

Solid: None
 Leaves
 Household Trash (paper, food, other household items)
 Other (specify) Foam

Fluid: Clear water
 Wash water (only from cars or laundry)
 Oil or gas (wetland sheens may or may not be oil/gas)
 Other (specify) baseflow?

If fluid type not known, specify color, odor, turbidity:

Color: Clear Brown Green
 Gray Yellow Red
 Orange Other

Odor type: None Rancid/sour Sewage
 Oil/gas Sulfide Other Faint decay smell

Odor strength: Faint Easily detected Strong N/A KR

Turbidity: Clear Cloudy Opaque

Receiving Water: Drainage System goes to culvert under warehouse then
 Wetland
 Water Body (specify) Cochituate Brook

(Water bodies: Sudbury River, Lake Cochituate, Reservoirs #1, #2, #3 Brooks: Hop, Baiting, Sucker, Cochituate, Beaver Dam, Course, Eames, Birch Meadow, Dunsdell, Square Meadow, Crooked, Willow, Cowassock, Angelica, Waushakum, Cemetery, Cochituate, Lokerville, Bannister, Barton Ponds: Sucker, Waushakum, Learned, Farm, Norton, Gleason, unnamed tributary streams)

Sample taken? Yes No

Comments (e.g. other location information, approximate volume or flow)

Foam on surface in pipe
Yard waste & brick or pavers dumping near outfall
No observed flow in upstream CBS
Observed culvert (pipe) opening from Pike under 37 Gleason -
flow, some orange color, no foam, no obvious smell but could
not get close



Town of Framingham
Outfall Discharge Inspection Form

Date 5/28/15

Time 1040

Outfall Asset ID (from GIS) 2008120

Location (if no ID available) A St. Bridge (upstream) → Culvert
(street address or distance to nearest known location)

Inspector/Dept Kerry Reed DPW

Discharge characteristics:

Flow? Yes No

Solid: None NR
 Leaves
 Household Trash (paper, food, other household items) beer box, water bottle, siding piece
 Other (specify) _____

Fluid: Clear water
 Wash water (only from cars or laundry)
 Oil or gas (wetland sheens may or may not be oil/gas)
 Other (specify) _____

If fluid type not known, specify color, odor, turbidity:

Color: Clear Brown Green
 Gray Yellow Red
 Orange Other _____

Odor type: None Rancid/sour Sewage
 Oil/gas Sulfide Other _____

Odor strength: Faint Easily detected Strong N/A

Turbidity: Clear Cloudy Opaque

Receiving Water: Drainage System
 Wetland
 Water Body (specify) unnamed tributary to Cochituate Brook

(Water bodies: Sudbury River, Lake Cochituate, Reservoirs #1, #2, #3 Brooks: Hop, Baiting, Sucker, Cochituate, Beaver Dam, Course, Eames, Birch Meadow, Dunsdell, Square Meadow, Crooked, Willow, Cowassock, Angelica, Waushakum, Cemetery, Cochituate, Lokerville, Bannister, Barton Ponds: Sucker, Waushakum, Learned, Farm, Norton, Gleason, unnamed tributary streams)

Sample taken? Yes No

Comments (e.g. other location information, approximate volume or flow)

Small culvert under A St.
Culvert from private property was stone box, day lights for ~ 8-10 ft, corrugated metal pipe under A St.



Town of Framingham
Outfall Discharge Inspection Form

Date 5/28/15

Time 1210

Outfall Asset ID (from GIS) 2018915

Location (if no ID available) 7 Arlene Dr.
(street address or distance to nearest known location)

Inspector/Dept Kerry Reed DPW

Discharge characteristics:

Flow? Yes No

Solid: None
 Leaves
 Household Trash (paper, food, other household items)
 Other (specify) _____

Fluid: Clear water
 Wash water (only from cars or laundry)
 Oil or gas (wetland sheens may or may not be oil/gas)
 Other (specify) _____

If fluid type not known, specify color, odor, turbidity:

Color: Clear Brown Green
 Gray Yellow Red
 Orange Other _____

Odor type: None Rancid/sour Sewage
 Oil/gas Sulfide Other _____

Odor strength: Faint Easily detected Strong N/A

Turbidity: Clear Cloudy Opaque

Receiving Water: Drainage System
 Wetland
 Water Body (specify) Unnamed tributary

(Water bodies: Sudbury River, Lake Cochituate, Reservoirs #1, #2, #3 Brooks: Hop, Baiting, Sucker, Cochituate, Beaver Dam, Course, Eames, Birch Meadow, Dunsdell, Square Meadow, Crooked, Willow, Cowassock, Angelica, Waushakum, Cemetery, Cochituate, Lokerville, Bannister, Barton Ponds: Sucker, Waushakum, Learned, Farm, Norton, Gleason, unnamed tributary streams)

Sample taken? Yes No

Comments (e.g. other location information, approximate volume or flow)

2 pipes at headwater
Outfall from Arlene Dr & Randy Rd had no flow
Other pipe appeared to be start of stream



Town of Framingham
Outfall Discharge Inspection Form

Date 6/25/15

Time 1005

Outfall Asset ID (from GIS) 2109793

Location (if no ID available) 57 Gleason St.
(street address or distance to nearest known location)

Inspector/Dept Kerry Reed / DPU

Discharge characteristics:

Flow? Yes No

Solid: None
 Leaves
 Household Trash (paper, food, other household items)
 Other (specify) _____

Fluid: Clear water
 Wash water (only from cars or laundry)
 Oil or gas (wetland sheens may or may not be oil/gas)
 Other (specify) _____

If fluid type not known, specify color, odor, turbidity:

Color: Clear Brown Green
 Gray Yellow Red
 Orange Other _____

Odor type: None Rancid/sour Sewage
 Oil/gas Sulfide Other would be anaerobic from wetlands

Odor strength: Faint Easily detected Strong

Turbidity: Clear Cloudy Opaque

Receiving Water: Drainage System
 Wetland
 Water Body (specify) unnamed trib to Cochituate Brook

(Water bodies: Sudbury River, Lake Cochituate, Reservoirs #1, #2, #3 Brooks: Hop, Baiting, Sucker, Cochituate, Beaver Dam, Course, Eames, Birch Meadow, Dunsdell, Square Meadow, Crooked, Willow, Cowassock, Angelica, Waushakum, Cemetery, Cochituate, Lokerville, Bannister, Barton Ponds: Sucker, Waushakum, Learned, Farm, Norton, Gleason, unnamed tributary streams)

Sample taken? Yes No

Comments (e.g. other location information, approximate volume or flow)

Some suds (small, disconnected) on surface, foam downstream near rocks

Dumping near stream (masonry blocks, bottles, landscape debris)



Town of Framingham
 Outfall Discharge Inspection Form

Date 6/25/15

Time 1040

Outfall Asset ID (from GIS) 2018915

Location (if no ID available) 7 Arlene Dr
 (street address or distance to nearest known location)

Inspector/Dept Kerry Reed

Discharge characteristics:

Flow? Yes No

Solid: None
 Leaves
 Household Trash (paper, food, other household items)
 Other (specify) _____

Fluid: Clear water
 Wash water (only from cars or laundry)
 Oil or gas (wetland sheens may or may not be oil/gas)
 Other (specify) _____

If fluid type not known, specify color, odor, turbidity:

Color: Clear Brown Green
 Gray Yellow Red
 Orange Other _____

Odor type: None Rancid/sour Sewage
 Oil/gas Sulfide Other _____

Odor strength: Faint Easily detected Strong N/A

Turbidity: Clear Cloudy Opaque

Receiving Water: Drainage System
 Wetland
 Water Body (specify) headwaters? Unnamed trib to Coch Brook

(Water bodies: Sudbury River, Lake Cochituate, Reservoirs #1, #2, #3 Brooks: Hop, Baiting, Sucker, Cochituate, Beaver Dam, Course, Eames, Birch Meadow, Dunsdell, Square Meadow, Crooked, Willow, Cowassock, Angelica, Waushakum, Cemetery, Cochituate, Lokerville, Bannister, Barton Ponds: Sucker, Waushakum, Learned, Farm, Norton, Gleason, unnamed tributary streams)

Sample taken? Yes No

Comments (e.g. other location information, approximate volume or flow)

Previously suspected potable water line leak - this
is re-sample



Town of Framingham
Outfall Discharge Inspection Form

Date 6/25/15

Time 1135

Outfall Asset ID (from GIS) _____

Location (if no ID available) 85 Speen St
(street address or distance to nearest known location)

Inspector/Dept Kerry Reed DPW

Discharge characteristics:

Flow? Yes No

Solid: None
 Leaves
 Household Trash (paper, food, other household items)
 Other (specify) _____

Fluid: Clear water
 Wash water (only from cars or laundry)
 Oil or gas (wetland sheens may or may not be oil/gas)
 Other (specify) _____

If fluid type not known, specify color, odor, turbidity:

Color: Clear Brown Green
 Gray Yellow Red
 Orange Other

Odor type: None Rancid/sour Sewage
 Oil/gas Sulfide Other

Odor strength: Faint Easily detected Strong NA

Turbidity: Clear Cloudy Opaque

Receiving Water: Drainage System
 Wetland
 Water Body (specify) _____

(Water bodies: Sudbury River, Lake Cochituate, Reservoirs #1, #2, #3 Brooks: Hop, Baiting, Sucker, Cochituate, Beaver Dam, Course, Eames, Birch Meadow, Dunsdell, Square Meadow, Crooked, Willow, Cowassock, Angelica, Waushakum, Cemetery, Cochituate, Lokerville, Bannister, Barton Ponds: Sucker, Waushakum, Learped, Farm, Norton, Gleason, unnamed tributary streams)

Sample taken? Yes No

Comments (e.g. other location information, approximate volume or flow)

Drainage system is DOT's, under 85 Speen St's
parking lot to the wetlands



Town of Framingham
 Outfall Discharge Inspection Form

Date 7/14/15

Time 09:41

Outfall Asset ID (from GIS) 2011668

Location (if no ID available) 51 Carter Dr.
 (street address or distance to nearest known location)

Inspector/Dept Kenny Reid / DPW Engineering

Discharge characteristics:

Flow? Yes No

Solid: None
 Leaves
 Household Trash (paper, food, other household items)
 Other (specify) _____

Fluid: Clear water
 Wash water (only from cars or laundry)
 Oil or gas (wetland sheens may or may not be oil/gas)
 Other (specify) _____

If fluid type not known, specify color, odor, turbidity:

Color: Clear Brown Green
 Gray Yellow Red
 Orange Other _____

Odor type: None Rancid/sour Sewage
 Oil/gas Sulfide Other _____

Odor strength: Faint Easily detected Strong N/A

Turbidity: Clear Cloudy Opaque

Receiving Water: Drainage System
 Wetland
 Water Body (specify) _____

(Water bodies: Sudbury River, Lake Cochituate, Reservoirs #1, #2, #3 Brooks: Hop, Baiting, Sucker, Cochituate, Beaver Dam, Course, Eames, Birch Meadow, Dunsdell, Square Meadow, Crooked, Willow, Cowassock, Angelica, Waushakum, Cemetery, Cochituate, Lokerville, Bannister, Barton Ponds: Sucker, Waushakum, Learned, Farm, Norton, Gleason, unnamed tributary streams)

Sample taken? Yes No

Comments (e.g. other location information, approximate volume or flow)



**Town of Framingham
Outfall Discharge Inspection Form**

Date 7/14/15

Time 10 02

Outfall Asset ID (from GIS) 2009084

Location (if no ID available) 33135 Carter Dr.
(street address or distance to nearest known location)

Inspector/Dept Kenny Reed / DPW - Eng

Discharge characteristics:

Flow? Yes No

Solid: None
 Leaves
 Household Trash (paper, food, other household items)
 Other (specify) _____

Fluid: Clear water
 Wash water (only from cars or laundry)
 Oil or gas (wetland sheens may or may not be oil/gas)
 Other (specify) _____

If fluid type not known, specify color, odor, turbidity:

Color: Clear Brown Green
 Gray Yellow Red
 Orange Other _____

Odor type: None Rancid/sour Sewage
 Oil/gas Sulfide Other _____

Odor strength: Faint Easily detected Strong N/A

Turbidity: Clear Cloudy Opaque

Receiving Water: Drainage System
 Wetland
 Water Body (specify) _____

(Water bodies: Sudbury River, Lake Cochituate, Reservoirs #1, #2, #3 Brooks: Hop, Baiting, Sucker, Cochituate, Beaver Dam, Course, Eames, Birch Meadow, Dunsdell, Square Meadow, Crooked, Willow, Cowassock, Angelica, Waushakum, Cemetery, Cochituate, Lokerville, Bannister, Barton Ponds: Sucker, Waushakum, Learned, Farm, Norton, Gleason, unnamed tributary streams)

Sample taken? Yes No

Comments (e.g. other location information, approximate volume or flow)



Town of Framingham
Outfall Discharge Inspection Form

Date 10/27/15

Time 1428

Outfall Asset ID (from GIS) 2009141

Location (if no ID available) Hemenway Rd & CSX ROW
(street address or distance to nearest known location)

Inspector/Dept Kerry Reed (Eng)

Discharge characteristics:

Flow? Yes No

Solid: None
 Leaves
 Household Trash (paper, food, other household items)
 Other (specify) _____

Fluid: Clear water
 Wash water (only from cars or laundry)
 Oil or gas (wetland sheens may or may not be oil/gas)
 Other (specify) _____

If fluid type not known, specify color, odor, turbidity:

Color: Clear Brown Green
 Gray Yellow Red
 Orange Other _____

Odor type: None Rancid/sour Sewage
 Oil/gas Sulfide Other _____

Odor strength: Faint Easily detected Strong N/A

Turbidity: Clear Cloudy Opaque

Receiving Water: Drainage System
 Wetland
 Water Body (specify) Hop Brook

(Water bodies: Sudbury River, Lake Cochituate, Reservoirs #1, #2, #3 Brooks: Hop, Baiting, Sucker, Cochituate, Beaver Dam, Course, Eames, Birch Meadow, Dunsdell, Square Meadow, Crooked, Willow, Cowassock, Angelica, Waushakum, Cemetery, Cochituate, Lokerville, Bannister, Barton Ponds: Sucker, Waushakum, Learned, Farm, Norton, Gleason, unnamed tributary streams)

Sample taken? Yes No

Comments (e.g. other location information, approximate volume or flow)

No indicators of pollutants/illicit



Town of Framingham
Outfall Discharge Inspection Form

Date 12/9/15

Time 1110

Outfall Asset ID (from GIS) 2011176

Location (if no ID available) 6/8 McAdams
(street address or distance to nearest known location)

Inspector/Dept Kerry Reed, DPW

Discharge characteristics:

Flow? Yes No

Solid: None
 Leaves
 Household Trash (paper, food, other household items)
 Other (specify) _____

Fluid: Clear water
 Wash water (only from cars or laundry)
 Oil or gas (wetland sheens may or may not be oil/gas)
 Other (specify) _____

If fluid type not known, specify color, odor, turbidity:

Color: Clear Brown Green
 Gray Yellow Red
 Orange Other _____

Odor type: None Rancid/sour Sewage
 Oil/gas Sulfide Other _____

Odor strength: Faint Easily detected Strong N/A

Turbidity: Clear Cloudy Opaque

Receiving Water: Drainage System
 Wetland
 Water Body (specify) Dunsdell

(Water bodies: Sudbury River, Lake Cochituate, Reservoirs #1, #2, #3 Brooks: Hop, Baiting, Sucker, Cochituate, Beaver Dam, Course, Eames, Birch Meadow, Dunsdell, Square Meadow, Crooked, Willow, Cowassock, Angelica, Waushakum, Cemetery, Cochituate, Lokerville, Bannister, Barton Ponds: Sucker, Waushakum, Learned, Farm, Norton, Gleason, unnamed tributary streams)

Sample taken? Yes No

Comments (e.g. other location information, approximate volume or flow)

Culverted stream

No indicators of pollutants



**Town of Framingham
Outfall Discharge Inspection Form**

Date 12/9/15

Time 1100

Outfall Asset ID (from GIS) 2009123

Location (if no ID available) 10/12 Livoli Rd.
(street address or distance to nearest known location)

Inspector/Dept Kerry Reed DPW

Discharge characteristics:

Flow? Yes No

Solid: None
 Leaves
 Household Trash (paper, food, other household items)
 Other (specify) _____

Fluid: Clear water
 Wash water (only from cars or laundry)
 Oil or gas (wetland sheens may or may not be oil/gas)
 Other (specify) _____

If fluid type not known, specify color, odor, turbidity:

Color: Clear Brown Green
 Gray Yellow Red
 Orange Other _____

Odor type: None Rancid/sour Sewage
 Oil/gas Sulfide Other _____

Odor strength: Faint Easily detected Strong N/A

Turbidity: Clear Cloudy Opaque

Receiving Water: Drainage System
 Wetland
 Water Body (specify) Dunsdell

(Water bodies: Sudbury River, Lake Cochituate, Reservoirs #1, #2, #3 Brooks: Hop, Baiting, Sucker, Cochituate, Beaver Dam, Course, Eames, Birch Meadow, Dunsdell, Square Meadow, Crooked, Willow, Cowassock, Angelica, Waushakum, Cemetery, Cochituate, Lokerville, Bannister, Barton Ponds: Sucker, Waushakum, Learned, Farm, Norton, Gleason, unnamed tributary streams)

Sample taken? Yes No

Comments (e.g. other location information, approximate volume or flow)

Culverted stream

No indicators of pollutants



Town of Framingham
Outfall Discharge Inspection Form

Date 12/9/15

Time 1125

Outfall Asset ID (from GIS) 2011170

Location (if no ID available) 2 Janice Circle
(street address or distance to nearest known location)

Inspector/Dept Kerny Reed DPW

Discharge characteristics:

Flow? Yes No

Solid: None
 Leaves
 Household Trash (paper, food, other household items)
 Other (specify) _____

Fluid: Clear water
 Wash water (only from cars or laundry)
 Oil or gas (wetland sheens may or may not be oil/gas)
 Other (specify) _____

If fluid type not known, specify color, odor, turbidity:

Color: Clear Brown Green
 Gray Yellow Red
 Orange Other _____

Odor type: None Rancid/sour Sewage
 Oil/gas Sulfide Other _____

Odor strength: Faint Easily detected Strong N/A

Turbidity: Clear Cloudy Opaque

Receiving Water: Drainage System
 Wetland
 Water Body (specify) Dunsdell

(Water bodies: Sudbury River, Lake Cochituate, Reservoirs #1, #2, #3 Brooks: Hop, Baiting, Sucker, Cochituate, Beaver Dam, Course, Eames, Birch Meadow, Dunsdell, Square Meadow, Crooked, Willow, Cowassock, Angelica, Waushakum, Cemetery, Cochituate, Lokerville, Bannister, Barton Ponds: Sucker, Waushakum, Learned, Farm, Norton, Gleason, unnamed tributary streams)

Sample taken? Yes No

Comments (e.g. other location information, approximate volume or flow)

Culverted stream

No indicators of pollutants