

MCM 1: PUBLIC EDUCATION AND OUTREACH LOG
JULY 1, 2019 - JUNE 30, 2020

BMP#	Title/Description	Audience	Responsible Party	Method of Delivery	Date	Record of Measurable Goal
	Paint Day	Residents	RTS	Facebook	8/17/2019	Facebook 1,000 (8/12)
	Paint Day	Residents	RTS	Facebook Twitter	9/21/2019	Facebook 261 (9/18) Twitter 546 (9/18)
	Paint Day	Residents	RTS	Facebook Twitter	10/19/2019	Facebook 333 (10/16) Twitter 528 (10/16)
	Household Hazardous Waste Day	Residents	RTS	Facebook Twitter	10/12/2019	Facebook 96 (10/4) Twitter 542 (10/4) Facebook 625 (10/8) Twitter 1,308 (10/8) Facebook 236 (10/11) Twitter 335 (10/11)
	Clear-a-Basin	Residents & Commercial	DPW	Facebook Twitter	Various	Facebook 3,860 (10/9) Twitter 2,722 (10/9) Facebook 1,238 (10/16) Twitter 1,271 (10/16) Facebook 2,971 (12/13)
	Scoop the Poop	Residents	DPW	Facebook	10/22/2019	Facebook 290 (10/22)
	Leaf Sundays	Residents	RTS	Facebook Twitter	10/30/2019	Facebook 2,738 (10/30) Twitter 1,569 (10/30) Facebook 2,129 (11/1) Facebook 269 (11/8) Facebook 280 (11/22)
	Think Blue Fowl Water	Residents & Commercial	DPW	Facebook	Various	Facebook (36,048)

**MCM 2: PUBLIC INVOLVEMENT PARTICIPATION LOG
JULY 1, 2019 - JUNE 30, 2020**

RECORD OF SWMP AND ANNUAL REPORT POSTING FOR PUBLIC REVIEW

Date	Responsible Party	Public Notice Provided	Location of Posting	Record of Measurable Goal
9/23/2019	DPW	Yes	https://www.needhamma.gov/323/Stormwater-Management	The written Stormwater Management Program (SWMP) was completed September 23, 2019 and posted to the town website on September 27, 2019 for a public review and comment period of 60 days. Needham did not receive any public comments to the SWMP during the comment period.

RECORD OF PUBLIC COMMENTS

Date	Comment From	Received Via	Comment
			None

**MCM 2: PUBLIC INVOLVEMENT PARTICIPATION LOG
JULY 1, 2019 - JUNE 30, 2020**

RECORD OF PUBLIC PARTICIPATION ACTIVITIES

Date	Responsible Party	Public Notice Provided	Activity	Record of Measurable Goal
10/5/2019	Park and Recreation Department	Yes	Townwide Cleanup	Townwide Cleanup Broadmeadow High Rock Forest Mitchell Woods Rail Trail Eliot School Playground Perry Park Newman School and Field Newman Eastman Trail Total of 840 lbs collected 50 participants
10/12/2019	RTS	Yes	Household Hazardous Waste Day	207 cars total 2.76 Tons
11/1/2019	RTS	Yes	Leaf Collection	225 Tons
4/29/2020	Park and Recreation Department	Yes	Restock the Reservoir	Due to COVID-19, not done with public this year
Spring 2020	Park and Recreation Department	Yes	Arbor Day Tree Distribution	Parks and Recreation had a drive-thru tree distribution event.
Spring 2020	Parks and Forestry	Yes	How to plant a tree	Utube video produced to encourage tree planting. In conjunction with the Arbor Day Tree Distribution by Parks and Recreation

**MCM 3: IDDE PROGRAM REPORTING SUMMARY LOG
JULY 1, 2019 - JUNE 30, 2020**

EMPLOYEE TRAINING

Date	# of Attendees	Location	Presenter	Topic/Discussion Items
7/1/2019-6/30/2020		Video	BETA	MS4 Permit Overview & IDDE Training <ul style="list-style-type: none"> •overview of the MS4 Permit and requirements •Illicit Discharge, Detection and Elimination
7/1/2019-6/30/2020		Video	BETA	Good Housekeeping – Municipal Facilities O&M <ul style="list-style-type: none"> •the individual Stormwater Management Plans (SWMPs) for all Athletic Fields and Recreational Areas, including O&M Plans, Inspectional Responsibilities, Reporting and Documenting duties •Proper care (as concerns stormwater – vehicle washing and maintenance; fluids and lubricants) and storage of Vehicles and Equipment, Reporting and Documenting
7/1/2019-6/30/2020		Video	BETA	Good Housekeeping – Municipal Facilities O&M <ul style="list-style-type: none"> •the individual Stormwater Management Plans (SWMPs) for all Athletic Fields and Recreational Areas, including O&M Plans, Inspectional Responsibilities, Reporting and Documenting duties •Proper care (as concerns stormwater – vehicle washing and maintenance; fluids and lubricants) and storage of Vehicles and Equipment, Reporting and Documenting
7/1/2019-6/30/2020		Video	BETA	Good Housekeeping – Municipal Facilities O&M <ul style="list-style-type: none"> •Individual Stormwater Management Plans (SWMPs) for all Athletic Fields and Recreational Areas, including O&M Plans, Inspectional Responsibilities, Reporting and Documenting duties •Roadways, Street Sweeping, Catch Basin Cleaning, Parking Lots, Winter Road Maintenance
7/1/2019-6/30/2020		Video	BETA	NPDES MS4 Training Summary <ul style="list-style-type: none"> •Summary meeting to go over the previous trainings and answer any final questions

SSO INVENTORY

Report #	Date	Reporter	Location	Status & Comments
	8/5/2019	S. Harrington	Great Plain Ave @ South St	Broken sewer line by Middlesex Corp, SSO notification sent, SSO contained and eliminated.
	12/25/2019	S. Harrington	41 & 59 Locust Ln	Town's sewer line surcharged, SSO notification sent, SSO contained and eliminated.

MCM 3: IDDE PROGRAM REPORTING SUMMARY LOG
JULY 1, 2019 - JUNE 30, 2020

ILLICIT DISCHARGE INVENTORY

Report #	Date	Reporter	Location	Status & Comments
None				

STORM SEWER MAPPING UPDATES

Type	Date	Updated By	Location	Description
None				

OUTFALL SCREENING AND SAMPLING

Dry/Wet	Date(s)	Inspector	Location(s)	Comments
None				

CATCHMENT INVESTIGATIONS

Category	Date(s)	Inspector	Location	Description/Results
	9/6/2019	Consultant	Rosemary Street	<p>Field investigation on Rosemary Street identified two locations with indicators of possible illicit discharges</p> <ul style="list-style-type: none"> - CB in front of #253 Rosemary Street Chlorine odor and was flowing during dry weather, source could be upstream - Outfall on Rosemary Brook at end of Perrault Rd. Upstream of pedestrian bridge had orange discoloration <p>9/9/19 - Sent W&S staff to investigate Paul Reynolds crew found no chlorine odor @ 253 Rosemary Street Crew traced outfall to CB in courtyard of apartments. There is a sumpump connection.</p> <p>9/10/19 - Re-check. No chlorine odor present @ 253 Rosemary Street</p> <p>9/19/19 - Re-check. No chlorine odor present @ 253 Rosemary Street Crew found second location with orange discoloration on Tillotson</p> <p>9/23/19 - Kim Donovan, Compliance Coordinator Tom Ryder, Assistant Town Engineer Sean Harrington, Acting W&S Superintendent Inspected outfall and drywell with discoloration, determined to likely be oxidized iron deposits causing discoloration.</p> <p>No illicit connections detected.</p>
Sediment Removal	8/23/19 - 12/27-19	BETA	Rosemary Lake Dredging Project	<p>Weekly turbidity monitoring conducted along Rosemary Brook</p> <p>Evaluation of analytical data from lake sediment sampling</p> <p>Minimal deposition (0 to 1.5 inches) was noted at the monitoring station closest to the lake and no deposition was noted at stations further downstream. Turbidity was compared with baseline turbidity data and within allowable limits during the project.</p>

**MCM 4: CONSTRUCTION SITE RUNOFF CONTROL - INSPECTION
JULY 1, 2019 - JUNE 30, 2020**

CONSTRUCTION SITE INSPECTION LOG

Report #	Date	Inspector	Project/Location	Status & Comments
	7/3/2019	tar	Sunita Williams School/ Central Ave	Inspection of site controls for Temp. CO
	8/13/2019	tar	Sunita Williams School/ Central Ave	Final Inspection of site for Temp CO
	8/26/2019	tar	Memorial Park Field House/Highland Ave	Final Inspection of site for Temp CO
	9/3/2019	tar	RTS Storage Building/Central Ave	Site Inspection of stormwater management
	9/27/2019	tar	Rockwood Lane Subdivision	Final Inspection of stormwater design construction
	10/2/2019	tar	Belle Lane Subdivision	Construction follow up Inspection of stormwater
	10/9/2019	tar	RTS Storage Building/Central Ave	Site Inspection of stormwater management
	11/8/2019	tar	RTS Storage Building/Central Ave	Final Inspection of stormwater management
	1/7/2020	tar	NBC/ A Street	Final Inspection of stormwater management

CONSTRUCTION SITE ENFORCEMENT ACTION LOG

Project/Location	Date	Action Taken	Status & Comments

**MCM 5: STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT
JULY 1, 2019 - JUNE 30, 2020**

SITE PLAN REVIEW LOG

Project/Location	Filing Date	Reviewer	Requirements Met		Project Status
ZBA 40B/ 1180 Great Plain Ave	8/13/2019	tar	<input checked="" type="checkbox"/> LIDs <input type="checkbox"/> As-built	<input checked="" type="checkbox"/> SW Design Regs <input checked="" type="checkbox"/> Long-term O&M	Permitting ZBA
Description/Comments: Erosion controls, roof and parking area drainage plans					
MPSP-Sunita Williams School/ Central Ave	8/21/2019	tar	<input type="checkbox"/> LIDs <input checked="" type="checkbox"/> As-built	<input type="checkbox"/> SW Design Regs <input type="checkbox"/> Long-term O&M	Seeking Occupancy
Description/Comments: Conducted final inspections of site					
MPSP-Memorial Park Field House/Highland Ave	8/19/2019	tar	<input type="checkbox"/> LIDs <input checked="" type="checkbox"/> As-built	<input type="checkbox"/> SW Design Regs <input type="checkbox"/> Long-term O&M	Seeking Occupancy
Description/Comments: Conducted Final Inspections of site					
ZBA Special Permit SFH/16 Pleasant Street	8/29/2019	tar	<input checked="" type="checkbox"/> LIDs <input type="checkbox"/> As-built	<input type="checkbox"/> SW Design Regs <input checked="" type="checkbox"/> Long-term O&M	seeking building permit
Description/Comments: Dry wells					
ZBA Special Permit SFH/260-262 Rosemary Street	8/29/2019	tar	<input checked="" type="checkbox"/> LIDs <input type="checkbox"/> As-built	<input type="checkbox"/> SW Design Regs <input checked="" type="checkbox"/> Long-term O&M	seeking building permit
Description/Comments:					

**MCM 5: STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT
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Subdivision/Rockwood Lane	9/16/2019	tar	<input type="checkbox"/> LIDs <input checked="" type="checkbox"/> As-built	<input type="checkbox"/> SW Design Regs <input type="checkbox"/> Long-term O&M	Seeking close out of project
Description/Comments: Revised asbuilt Hydrology reviewed and final construction					
MPSP-RTS Storage Building/Central Ave	11/5/2019	tar	<input type="checkbox"/> LIDs <input checked="" type="checkbox"/> As-built	<input type="checkbox"/> SW Design Regs <input type="checkbox"/> Long-term O&M	Seeking close out of project
Description/Comments: Landscaping and stormwater management controls					
ZBA Special Permit SFH/642 Webster Street	10/28/2019	tar	<input checked="" type="checkbox"/> LIDs <input type="checkbox"/> As-built	<input type="checkbox"/> SW Design Regs <input checked="" type="checkbox"/> Long-term O&M	seeking building permit
Description/Comments: Dry wells					
Subdivision/390 Grove Street	11/22/2019	tar	<input checked="" type="checkbox"/> LIDs <input type="checkbox"/> As-built	<input type="checkbox"/> SW Design Regs <input checked="" type="checkbox"/> Long-term O&M	Seeking subdivision approval
Description/Comments: Roadway and Single Family stormwater controls					
ZBA Special Permit SFH/123 Pickering Street	1/24/2020	tar	<input checked="" type="checkbox"/> LIDs <input type="checkbox"/> As-built	<input type="checkbox"/> SW Design Regs <input checked="" type="checkbox"/> Long-term O&M	seeking building permit
Description/Comments: Dry wells					
ZBA Special Permit SFH/217 High Rock Street	1/22/2020	tar	<input checked="" type="checkbox"/> LIDs <input type="checkbox"/> As-built	<input type="checkbox"/> SW Design Regs <input checked="" type="checkbox"/> Long-term O&M	seeking building permit
Description/Comments: Dry wells					

**MCM 5: STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT
JULY 1, 2019 - JUNE 30, 2020**

ZBA Special Permit SFH/52 Coulton Park	5/20/2020	tar	<input checked="" type="checkbox"/> LIDs <input type="checkbox"/> As-built	<input type="checkbox"/> SW Design Regs <input checked="" type="checkbox"/> Long-term O&M	seeking building permit
Description/Comments: Dry wells					
Subdivision/Heather Lane off Chestnut Street	4/27/2020	tar	<input checked="" type="checkbox"/> LIDs <input type="checkbox"/> As-built	<input type="checkbox"/> SW Design Regs <input checked="" type="checkbox"/> Long-term O&M	Seeking subdivision approval
Description/Comments: Roadway, house lots, and residential compound stormwater control plans					

MCM 6: GOOD HOUSEKEEPING - CATCH BASIN CLEANING
JULY 1, 2019 - June 30, 2020

Catch Basin Cleaning Log

Date Range	Location(s)	# CBs Cleaned	Depth of Cleaning (in)	Volume of Cleaning (cubic yard)
7/24/2019	Pine Grove Street	15	54	2.1
7/26/2019	Greenough Street, Avery Street	8	41	1.6
8/1/2019	North Hill Avenue, Fox Hill Road, Mason Road, Fuller Brook Avenue, Curtis Street	25	124	4.8
8/2/2019	Melrose Avenue	12	47	1.8
8/5/2019	Greenwood Avenue, Woodlawn Avenue, Otis Street, Manning Street	42	180	7.0
8/6/2019	Manning Street, Ellicott Street, Parkinson Street, Washington Avenue, Powers Street	47	196	7.6
8/7/2019	Powers Street, Beaufort Avenue, Fairlawn Street, Holland Street, Holland Terrace, Gibson Street, Upland Road, Hemlock Street	39	169	6.6
8/8/2019	Brookline Street, Hawthorn Avenue, Hillcrest Road	46	186	7.2
8/9/2019	Hillcrest Road, James Avenue, Lindbergh Avenue	19	86	3.3
8/12/2019	Hillcrest Road	11	78	3.0
8/13/2019	Hillcrest Road, Homestead Park, Lasalle Road, Hoover Road	19	113	4.4
8/14/2019	Hoover Road, Hillcrest Road, Bond Street, Lexington Avenue, Concord Street	43	220	8.5
8/15/2019	Concord Street, Parker Road, Paul Revere Road, Thorpe Road	29	131	5.1
8/19/2019	Rosalie Road, Nevada Road, Virginia Road, Richdale Road	25	98	3.8
8/20/2019	Highgate Street, Avon Circle, Falcon Street, Colgate Road, Oak Hill Road	48	203	7.9
8/22/2019	Arch Street	10	78	3.0

MCM 6: GOOD HOUSEKEEPING - CATCH BASIN CLEANING
JULY 1, 2019 - June 30, 2020

9/12/2019	Lindbergh Avenue, Dunster Road, Dartmouth Avenue, Donna Road	27	107	4.2
4/23/2020	Country Way	30	181	7.0
5/4/2020	William Street, Lynn Road, Frank Street, Sunnyside Road, Coulton Park	23	105	4.1
5/5/2020	Pine Grove Street, Wayne Road	26	112	4.3
5/6/2020	Evelyn Road, Greenough Street, Avery Street	24	110	4.3
5/7/2020	Harvard Circle, Elder Road	7	32	1.2
5/18/2020	Yale Road, Hewett Circle, Amelia Road, Noanett Road, Bower Street	27	112	4.3
5/19/2020	Gary Road, Lee Road, Garden Street	22	73	2.8
6/1/2020	Garden Street, May Street	5	27	1.0
6/2/2020	May Street, Lake Drive, Garden Street	35	185	7.2
6/4/2020	Roscoe Street, Horace Street, John Street, Jennifer Circle, Gerber Circle, Castano Court, Booth Street	30	154	6.0
6/5/2020	Hill Street	2	15	0.6
6/9/2020	Hill Street, Andrea Circle, Bobsled Drive	11	63	2.4
6/10/2020	Taylor Street, Julia Road	15	90	3.5
6/11/2020	Bess Road, Nardone Road, Jarvis Circle	27	143	5.5
6/12/2020	Border Road, Grasmere Road, Lakin Street	19	98	3.8
6/15/2020	Ardmore Road, Briarwood Circle, Parkland Road, St. Mary Street	31	188	7.3

MCM 6: GOOD HOUSEKEEPING - CATCH BASIN CLEANING
JULY 1, 2019 - June 30, 2020

6/16/2020	Daley Street, Evergreen Road, Carter Street, Reservoir Street, Arnold Street	29	193	7.5
6/17/2020	Beech Street, Ellis Street, Kearney Road, Hampton Avenue	19	107	4.2
Total		847	4099	159

Record of Catch Basins Found to be More Than 50% Full at Cleaning

CB ID	Date	Address	Location Description
*Reporting procedures in process of creation.			

Street Sweeping

Date	Qty	Location	Status & Comments
Sept to Oct 2019	49.47 tons	Town Wide	Fall street sweeping throughout entire town conducted by Millenium Maint & Power Sweeping
12/28/2019	2.5	Sunita Williams School Rosemary Pool Complex Emerson Place	The DPW removed 2.5 cubic yards of sand from the parking by mechanical sweeping on Saturday, 12/28/19. That sand was placed in our ballast pile for reuse. We are planning to sweep the sidewalks with Barry's team weather permitting tomorrow Tuesday 12/31/19 or on Wednesday 1/1/20 before schools open.
January 2020	189.6	Various	Downtown weekly sweeping (Fridays) and listed roads below. 8.76 miles (Downtown) & 34.24 miles (Listed Roads) Chestnut Street, Dedham Avenue, South Street, High Rock Street, Great Plain Avenue, Central Avenue, Charles River Street, Grove Street, Webster Street, Greendale Avenue, High Street, West Street, Hunnewell Street, Gould Street, Hunting Road, Kendrick Street, Oak Street, Marked Tree Road, Parish Road, Nehoiden Street, Rosemary Street.
Spring 2020	83.5 tons	Town Wide	Spring street sweeping throughout entire town conducted by Millenium Maint & Power Sweeping and internal staff.

BMP Inspections

Category	Date(s)	Department	Location	Description/Results
Infiltration Basin	11/2/2019	Water & Sewer	Rosemary Pool Detention Basin	This detention basin was cleared/cleaned
Porous Pavement	Oct-19	Water & Sewer	Rosemary Pool	Vacuum swept during fall sweeping
Infiltration System/Rain Garden	Fall 2019	Water & Sewer	20 St Mary St	Cut ornamental grass back for winter
Infiltration System/Rain Garden	Spring 2020	Water & Sewer	20 St Mary St	Weeded garden, checked mulch & stone
Infiltration,Water Quality Swale	Spring 2020	Parks & Forestry	Defazio Field	Weed wacked, cleaned and checked stone
Infiltration trench	Spring 2020	Parks & Forestry	Rosemary & Highland Ave.	Inspected. No action taken, system operated fine
Pervious pavers	Spring 2020	Parks & Forestry	Mills Field	Blown clean of winter debris and leaves
Infiltration trench	Spring 2020	Parks & Forestry	174 Charles River St.	Visually checked and cleaned, blown of any debris/vegetation
Rail Trail Swale	Spring 2020	Parks & Forestry	Old Railroad lines	Inspected. No action taken, mechanical mowing scheduled for summer of 2020