

Year 2 Annual Report
Massachusetts Small MS4 General Permit
Reporting Period: July 1, 2019-June 30, 2020

Please DO NOT attach any documents to this form. Instead, attach all requested documents to an email when submitting the form

Unless otherwise noted, all fields are required to be filled out. If a field is left blank, it will be assumed the requirement or task has not been completed. Please ONLY report on activities between July 1, 2019 and June 30, 2020 unless otherwise requested.

Part I: Contact Information

Name of Municipality or Organization:

EPA NPDES Permit Number:

Primary MS4 Program Manager Contact Information

Name: Title:

Street Address Line 1:

Street Address Line 2:

City: State: Zip Code:

Email: Phone Number:

Stormwater Management Program (SWMP) Information

SWMP Location (web address):

Date SWMP was Last Updated:

If the SWMP is not available on the web please provide the physical address:

Part II: Self-Assessment

First, in the box below, select the impairment(s) and/or TMDL(s) that are applicable to your MS4. Make sure you are referring to the most recent EPA approved Section 303(d) Impaired Waters List which can be found here: <https://www.epa.gov/tmdl/region-1-impaired-waters-and-303d-lists-state>

<u>Impairment(s)</u>			
<input checked="" type="checkbox"/> Bacteria/Pathogens	<input type="checkbox"/> Chloride	<input type="checkbox"/> Nitrogen	<input checked="" type="checkbox"/> Phosphorus
<input type="checkbox"/> Solids/ Oil/ Grease (Hydrocarbons)/ Metals			
<u>TMDL(s)</u>			
<i>In State:</i>	<input type="checkbox"/> Assabet River Phosphorus	<input type="checkbox"/> Bacteria and Pathogen	<input type="checkbox"/> Cape Cod Nitrogen
	<input type="checkbox"/> Charles River Watershed Phosphorus	<input type="checkbox"/> Lake and Pond Phosphorus	
<i>Out of State:</i>	<input type="checkbox"/> Bacteria/Pathogens	<input type="checkbox"/> Metals	<input type="checkbox"/> Nitrogen
			<input type="checkbox"/> Phosphorus
			<input type="button" value="Clear Impairments and TMDLs"/>

Next, check off all requirements below that have been completed. **By checking each box you are certifying that you have completed that permit requirement fully.** If you have not completed a requirement leave the box unchecked. Additional information will be requested in later sections.

Year 2 Requirements

- Completed Phase I of system mapping
- Developed a written catchment investigation procedure and added the procedure to the SWMP
- Developed written procedures to require the submission of as-built drawings and ensure the long term operation and maintenance of completed construction sites and added these procedures to the SWMP
- Enclosed or covered storage piles of salt or piles containing salt used for deicing or other purposes
- Developed written operations and maintenance procedures for parks and open space, buildings and facilities, and vehicles and equipment and added these procedures to the SWMP
- Developed an inventory of all permittee owned facilities in the categories of parks and open space, buildings and facilities, and vehicles and equipment and added this inventory to the SWMP
- Completed a written program for MS4 infrastructure maintenance to reduce the discharge of pollutants
- Developed written SWPPPs, included in the SWMP, for all of the following permittee owned or
- operated facilities: maintenance garages, public works yards, transfer stations, and other waste handling facilities where pollutants are exposed to stormwater

Optional: If you would like to describe progress made on any incomplete requirements listed above, provide any additional information, and/or if any of the above year 2 requirements could not be completed due to the impacts of COVID-19, please identify the requirement that could not be completed, any actions taken to attempt to complete the requirement, and reason the requirement could not be completed below:

Annual Requirements

- Provided an opportunity for public participation in review and implementation of SWMP and complied with State Public Notice requirements
- Kept records relating to the permit available for 5 years and made available to the public
- The SSO inventory has been updated, including the status of mitigation and corrective measures implemented
 - This is not applicable because we do not have sanitary sewer
 - This is not applicable because we did not find any new SSOs
 - The updated SSO inventory is attached to the email submission
 - The updated SSO inventory can be found at the following website:
- Properly stored and disposed of catch basin cleanings and street sweepings so they did not discharge to receiving waters
- Provided training to employees involved in IDDE program within the reporting period
- All curbed roadways were swept at least once within the reporting period
- Updated outfall and interconnection inventory and priority ranking as needed

Optional: If you would like to describe progress made on any incomplete requirements listed above, provide any additional information, and/or if any of the above annual requirements could not be completed due to the impacts of COVID-19, please identify the requirement that could not be completed, any actions taken to attempt to complete the requirement, and reason the requirement could not be completed below:

Updated Outfall and Interconnection inventory and priority ranking: Interconnections were identified and added to the MS4 system mapping. Previously mapped MS4 outfalls were confirmed, screened and updated in the MS4 system mapping. This data is currently being processed and subsequently the inventory and ranking will be updated.

Bacteria/ Pathogens (Combination of Impaired Waters Requirements and TMDL Requirements as Applicable)Annual Requirements*Public Education and Outreach**

- Annual message was distributed encouraging the proper management of pet waste, including noting any existing ordinances where appropriate
- Permittee or its agents disseminated educational material to dog owners at the time of issuance or renewal of dog license, or other appropriate time
- Provided information to owners of septic systems about proper maintenance in any catchment that discharges to a water body impaired for bacteria

** Public education messages can be combined with other public education requirements as applicable (see Appendix H and F for more information)*

Optional: If you would like to describe progress made on any incomplete requirements listed above or provide any additional details, please use the box below:

Phosphorus (Combination of Impaired Waters Requirements and TMDL Requirements as Applicable)

Annual Requirements

*Public Education and Outreach**

- Distributed an annual message in the spring (April/May) encouraging the proper use and disposal of grass clippings and encouraging the proper use of slow-release and phosphorus-free fertilizers
- Distributed an annual message in the summer (June/July) encouraging the proper management of pet waste, including noting any existing ordinances where appropriate
- Distributed an annual message in the fall (August/September/October) encouraging the proper disposal of leaf litter

** Public education messages can be combined with other public education requirements as applicable (see Appendix H and F for more information)*

Good Housekeeping and Pollution Prevention for Permittee Owned Operations

- Increased street sweeping frequency of all municipal owned streets and parking lots subject to Permit part 2.3.7.a.iii.(c) to a minimum of two times per year (spring and fall)

Potential structural BMPs

- Any structural BMPs already existing or installed in the regulated area by the permittee or its agents was tracked and the phosphorus removal by the BMP was estimated consistent with Attachment 3 to Appendix F. The BMP type, total area treated by the BMP, the design storage volume of the BMP and the estimated phosphorus removed in mass per year by the BMP were documented.

- The BMP information is attached to the email submission
- The BMP information can be found at the following website:

Optional: If you would like to describe progress made on any incomplete requirements listed above or provide any additional details, please use the box below:

This year existing structural BMPs installed at Town facilities that were not previously identified/known were included as part of the permittee-owned facility inventory. They were also recorded in the town's drainage GIS mapping. Three BMPs were identified - a stormwater basin at the middle school, a rain garden at the fire station, and a rain garden at the Intergenerational Center. Now that they are identified and inventoried, the BMPs can be evaluated for the above mentioned parameters.

Optional: Use the box below to provide any additional information you would like to share as part of your self-assessment:

Part III: Receiving Waters/Impaired Waters/TMDL

Have you made any changes to your lists of receiving waters, outfalls, or impairments since the NOI was submitted?

- Yes
 No

If yes, describe below, including any relevant impairments or TMDLs:

The approved Massachusetts Year 2016 Integrated List of Waters added Farm River to the list of waterbodies with a Category 5 designation and impairment for Escherichia Coli.

Previously mapped MS4 outfalls were confirmed, screened and updated in the MS4 system mapping during this reporting period. The result is that the total outfall count was adjusted from 567 to 370 and the MS4 outfall count was adjusted from 258 to 190. Reduction was primarily due to roadway culverts previously being mislabeled as outfalls.

Part IV: Minimum Control Measures

Please fill out all of the metrics below. If applicable, include in the description who completed the task if completed by a third party.

MCM1: Public Education

Number of educational messages completed **during this reporting period:**

Below, report on the educational messages completed **during this reporting period**. For the measurable goal(s) please describe the method/measures used to assess the overall effectiveness of the educational program.

BMP: Keep it Clean - Pet waste Management

Message Description and Distribution Method:

Message explaining proper disposal of pet waste and why it matters. Provided additional information and resources if Residents were interested. Material was provided on the Town website.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Message Date(s):

Message Completed for: Appendix F Requirements Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes No

If yes, describe why the change was made:

BMP: Outreach to Septic System Owners

Message Description and Distribution Method:

Message explaining tips for proper care of Septic Tanks and provided additional information and resources if residents were interested. This information was distributed through the Town website as well as through a postcard designed and sent to all properties that utilized a septic system, according to the records kept by each town's Board of Health.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Reach 100% of known septic system owners in Town based on the Board of Health's records.

Message Date(s): August 12, 2019 and March 2020

Message Completed for: Appendix F Requirements Appendix H Requirements Was this message different than what was proposed in your NOI? Yes No

If yes, describe why the change was made:

BMP: Fall Leaf Waste Campaign

Message Description and Distribution Method:

A social media campaign by Neponset Stormwater Partnership directed at the proper disposal of leaf waste consisting of two social media posts each to Facebook and Twitter and an informational flyer/poster. The social media messages were posted to the Neponset River Watershed Association's Facebook and Twitter Accounts. In Randolph the social media posts were shared on several town-run accounts (Town of Randolph, Turner Free Library, Community Center, The Hub at Stetson Hall). Flyers were also printed and provided to many Town buildings/departments with common public interaction (e.g. Clerk's Office, Library, Town Manager's Office, etc.). The information was also posted to the Town's website, which generates an automatic email to anyone on the Town's email list.

Targeted Audience: Residents, Buisnesses, Industry

Responsible Department/Parties: Neponset Stormwater Partnership

Measurable Goal(s):

Reached to at least 1,000 people in the NSP region through social media. The four social media posts (two on Facebook and two on Twitter) reached a total of 16,408 people through Facebook and 6,378 people through Twitter.

Message Date(s): October 10, 2019 and October 24, 2019

Message Completed for: Appendix F Requirements Appendix H Requirements Was this message different than what was proposed in your NOI? Yes No

If yes, describe why the change was made:

BMP: Fall Curbside Yard Waste Pickup

Message Description and Distribution Method:

Educated Residents on what materials could be picked up on "yard waste pickup day" and when that would be. Distributed online through the Town website and on social media accounts (Town of Randolph, Turner Free Library, Community Center, The Hub at Stetson Hall). Also printed out as a flyer and provided to Town buildings/departments (Clerk's Office, Library, Town Manager's Office, etc.)

Targeted Audience: Residents

Responsible Department/Parties: Health Department

Measurable Goal(s):

Through the distribution of campaign items sent out through the mail or by viewer traffic on Facebook and Twitter.

Message Date(s): October 10, 2019 and October 24, 2019

Message Completed for: Appendix F Requirements Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes No

If yes, describe why the change was made:

BMP: Spring Fertilizer and Grass Clipping Campaign**Message Description and Distribution Method:**

The Neponset Stormwater Partnership (NSP) created a campaign to help inform people about the proper use of fertilizers for social media posts and also provide a fertilizer calculator on the NSP website. Social media posts were made on the Neponset River Watershed Association's Facebook and Twitter Accounts. Message was shared on Randolph Community Programs, Turner Free Library, and the Hub at Stetson Hall Facebook Pages.

Targeted Audience: Residents, Businesses, Industry

Responsible Department/Parties: Town Manager/Mayor's Office & Neponset Stormwater Partnership

Measurable Goal(s):

Message Date(s): April 23, 2020

Message Completed for: Appendix F Requirements Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes No

If yes, describe why the change was made:

BMP: Paid Facebook Advertising

Message Description and Distribution Method:

Advertising campaign was pilot tested for each town participating in the NSP program. It was distributed through Facebook. The message was regarding proper fertilizer use and identical to the Spring Fertilizer and Grass Clipping Campaign mentioned above.

Targeted Audience: Homeowners and adults 25 years and older

Responsible Department/Parties: Neponset Stormwater Partnership

Measurable Goal(s):

The ad ran for 12 days reached approximately 61,776 people, compared to the original social media post that reached 4,704 people. The ad also generated 1,229 clicks through to the NSP's fertilizer and yard waste management page.

Message Date(s): June 19 - June 30, 2020 (12 days)

Message Completed for: Appendix F Requirements Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes No

If yes, describe why the change was made:

BMP: Regional Education Mailing and Website

Message Description and Distribution Method:

A brochure was mailed by Neponset Stormwater Partnership to participating communities (i.e. Randolph). The pamphlet examined general stormwater pollution prevention tips. Information was provided on fertilizer, pet waste, yard waste, and litter. The brochure also contained a link for additional resources.

Targeted Audience: Residents & Buisnesses

Responsible Department/Parties: Neponset Stormwater Partnership

Measurable Goal(s):

Brochure reached 100% of all addresses in participating towns, including those who do not use social media. A total of 86,000 brochures sent out reaching businesses, residential addresses and PO Boxes (the actual number for the Town of Randolph is not specified).

Message Date(s): June 5, 2020

Message Completed for: Appendix F Requirements Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes No

If yes, describe why the change was made:

BMP:[Regional Educational Website]

Message Description and Distribution Method:

A comprehensive educational website is maintained by Neponset Stormwater Partnership, of which Randolph is a part of, serving as a primary resource for key information for all four target audiences.

Targeted Audience: Residents, Businesses, Industry and Developers

Responsible Department/Parties: Neponset Stormwater Partnership

Measurable Goal(s):

This year, there were 3,562 site visitors and 5,614 unique page views.

Message Date(s): Ongoing since May 1, 2018

Message Completed for: Appendix F Requirements Appendix H Requirements Was this message different than what was proposed in your NOI? Yes No

If yes, describe why the change was made:

BMP:[Distribute Pet Waste Information with Dog Licenses]

Message Description and Distribution Method:

Educational “rack cards” regarding proper pet waste disposal were printed and provided to town clerks’ office by Neponset Stormwater Partnership to include with dog license renewal requests, either in person or via mail.

Targeted Audience: Residents (dog owners)

Responsible Department/Parties: Town Clerk and Neponset Stormwater Partnership

Measurable Goal(s):

It is estimated that educational cards reached 87% of dog owners. The goal is a reduction in the number of pet waste bags found when cleaning catch basins.

Message Date(s): Materials were distributed to Town Clerk in December 2019 and disseminated to dog owners over the next several months.

Message Completed for: Appendix F Requirements Appendix H Requirements Was this message different than what was proposed in your NOI? Yes No

If yes, describe why the change was made:

BMP:[Think Blue “Fowl Weather” Video]

Message Description and Distribution Method:

Neponset Stormwater Partnership partnered with MA Statewide Municipal Stormwater Coalition to secure MassDEP grant funding to distribute “Fowl Weather” advertising campaign, which helps viewers visualize how motor oil, pet waste, and trash become stormwater pollution. The campaign was operated on Facebook, Instagram, and YouTube.

Targeted Audience: Residents

Responsible Department/Parties: Neponset Stormwater Partnership

Measurable Goal(s):

A total of 504,123 people in the NSP service area were reached via 260,039 Facebook/Instagram “impressions.” Via YouTube, there were 244,084 impressions. A survey found that 17% of respondents recalled seeing the campaign in past years, which is continuing an upward trend from 8% and 15% in 2018 and 2019, respectively.

Message Date(s): May 16 to June 5, 2020

Message Completed for: Appendix F Requirements Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes No

If yes, describe why the change was made:

Add an Educational Message

MCM2: Public Participation

Describe the opportunity provided for public involvement in the development of the Stormwater Management Program (SWMP) **during this reporting period:**

The SWMP is posted to the Town website with contact information for questions/comments.

Was this opportunity different than what was proposed in your NOI? Yes No

Describe any other public involvement or participation opportunities conducted **during this reporting period**:

Stormwater Hotline - Neponset Stormwater Partnership, of which Randolph is a member, operates a regional “stormwater hotline” to field questions and problem reports regarding stormwater from across the region.

Regional Water Quality Forum - Neponset Stormwater Partnership, of which Randolph is a member, organized an evening public presentation on the 2019 water quality data collected in the Neponset River Watershed. The presentation covered the results from the 2019 sampling season and how they fit into the broader context of long-term water quality trends in the watershed. Also discussed were remaining challenges facing various waterways in the Watershed, and actions individuals can take to address those challenges. The event was held at the Canton Public Library, was publicized across the entire NSP service area, and drew approximately 29 attendees from numerous communities. In addition, the presentation was broadcasted on the local cable news network and a link to the recording was shared on social media.

MCM3: Illicit Discharge Detection and Elimination (IDDE)

Sanitary Sewer Overflows (SSOs)

Check off the box below if the statement is true.

- This SSO section is NOT applicable because we DO NOT have sanitary sewer

*Below, report on the number of SSOs identified in the MS4 system and removed **during this reporting period**.*

Number of SSOs identified:

Number of SSOs removed:

MS4 System Mapping

Below, check all that apply.

The following elements of the Phase I map have been completed:

- Outfalls and receiving waters
- Open channel conveyances
- Interconnections
- Municipally-owned stormwater treatment structures
- Waterbodies identified by name and indication of all use impairments
- Initial catchment delineations

Optional: Describe any additional progress you made on your map during this reporting period or provide additional status information regarding your map:

The Town's outfall mapping was reviewed and field investigations were conducted to confirm MS4 outfalls through the MS4 outfall screening program. Based on the results the total outfall count for the town was adjusted from 567 to 371 and the MS4 outfall count was adjusted from 258 to 194. This was based on: previous miss-classification of culverts/inlets, ownership, finding outfalls not previously mapped and identification of previously unmapped channels conveying flow from outfalls to wetlands or waterbodies. The Town's MS4 map has been updated accordingly.

Screening of Outfalls/Interconnections

If conducted, please submit any outfall monitoring results from this reporting period. Outfall monitoring results should include the date, outfall/interconnection identifier, location, weather conditions at time of sampling, precipitation in previous 48 hours, field screening parameter results, and results from all analyses.

- The outfall screening data is attached to the email submission
- The outfall screening data can be found at the following website:

Below, report on the number of outfalls/interconnections screened **during this reporting period.**

Number of outfalls screened:

Catchment Investigations

If conducted, please submit all data collected during this reporting period as part of the dry and wet weather investigations. Also include the presence or absence of System Vulnerability Factors for each catchment.

- The catchment investigation data is attached to the email submission
- The catchment investigation data can be found at the following website:

Below, report on the number of catchment investigations completed **during this reporting period.**

Number of catchment investigations completed this reporting period:

Below, report on the percent of catchments investigated **to date.**

Percent of total catchments investigated:

Optional: Provide any additional information for clarity regarding the catchment investigations below:

Catchment investigations were not conducted within this reporting period. Priority catchment investigations commenced in August 2020.

IDDE Progress

If illicit discharges were found, please submit a document describing work conducted over this reporting period, and cumulative to date, including location source; description of the discharge; method of discovery; date of discovery; and date of elimination, mitigation, or enforcement OR planned corrective measures and schedule of removal.

- The illicit discharge removal report is attached to the email submission
- The illicit discharge removal report can be found at the following website:

Below, report on the number of illicit discharges identified and removed, along with the volume of sewage removed **during this reporting period.**

Number of illicit discharges identified:

Number of illicit discharges removed:

Estimated volume of sewage removed: gallons/day

*Below, report on the total number of illicit discharges identified and removed to date. At a minimum, report on the number of illicit discharges identified and removed **since the effective date of the permit (July 1, 2018)**.*

Total number of illicit discharges identified:

Total number of illicit discharges removed:

Optional: Provide any additional information for clarity regarding illicit discharges identified, removed, or planned to be removed below:

Employee Training

Describe the frequency and type of employee training conducted **during the reporting period:**

March 4, 2020 - Training of 8 DPW workers to use tablets for data collection during catch basin cleaning to identify catch basins that are more than 50% full of sediment and report on condition. Training included a refresher on the IDDE program.

MCM4: Construction Site Stormwater Runoff Control

*Below, report on the construction site plan reviews, inspections, and enforcement actions completed **during this reporting period**.*

Number of site plan reviews completed:

Number of inspections completed:

Number of enforcement actions taken:

Optional: Enter any additional information relevant to construction site plan reviews, inspections, and enforcement actions:

Site plan reviews for proposed development of the following properties:

19 Highland Ave.

571 South Main St.

1105 North Main St.

Richardi Reservoir Rd.

59 Pleasant St.

17 Pacella Park

384 High St

MCM5: Post-Construction Stormwater Management in New Development and Redevelopment

Ordinance or Regulatory Mechanism

Below, select the option that describes your ordinance or regulatory mechanism progress.

- Bylaw, ordinance, or regulations are updated and adopted consistent with permit requirements
- Bylaw, ordinance, or regulations are updated consistent with permit requirements but are not yet adopted
- Bylaw, ordinance, or regulations have not been updated or adopted

As-built Drawings

Describe the measures the MS4 has utilized to require the submission of as-built drawings and ensure long term operation and maintenance of completed construction sites:

The Town has a stormwater ordinance and regulations that meet these requirements.

Street Design and Parking Lots Report

Describe the status of the street design and parking lots assessment due in year 4 of the permit term, including any planned or completed changes to local regulations and guidelines:

To be completed in year 4.

Green Infrastructure Report

Describe the status of the green infrastructure report due in year 4 of the permit term, including the findings and progress towards making the practice allowable:

To be completed in year 4.

Retrofit Properties Inventory

Describe the status of the inventory, due in year 4 of the permit term, of permittee-owned properties that could be modified or retrofitted with BMPs to mitigate impervious areas and report on any properties that have been modified or retrofitted:

An inventory of permittee-owned facilities has been developed this year for the SWMP. The inventory effort included site visits and drainage infrastructure mapping. The information collected can be further evaluated to identify potential retrofit properties.

MCM6: Good Housekeeping

Catch Basin Cleaning

*Below, report on the number of catch basins inspected and cleaned, along with the total volume of material removed from the catch basins **during this reporting period.***

Number of catch basins inspected:

Number of catch basins cleaned:

Total volume or mass of material removed from all catch basins:

Below, report on the total number of catch basins in the MS4 system.

Total number of catch basins:

If applicable:

Report on the actions taken if a catch basin sump is more than 50% full during two consecutive routine inspections/cleaning events:

15 catch basins were found to be over 50% full during this round of cleaning. These locations were recorded and will be addressed if found over 50% full again during the next round of cleaning.

Street Sweeping

*Report on street sweeping completed **during this reporting period** using one of the three metrics below.*

Number of miles cleaned:

Volume of material removed:

Weight of material removed:

O&M Procedures and Inventory of Permittee-Owned Properties

Below, check all that apply.

The following permittee-owned properties have been inventoried:

- Parks and open spaces
- Buildings and facilities
- Vehicles and equipment

The following O&M procedures for permittee-owned properties have been completed:

- Parks and open spaces
- Buildings and facilities
- Vehicles and equipment

Stormwater Pollution Prevention Plan (SWPPP)

*Below, report on the number of site inspections for facilities that require a SWPPP completed **during this reporting period.***

Number of site inspections completed:

Describe any corrective actions taken at a facility with a SWPPP:

During this reporting period, site inspection was conducted to create the SWPPP for the Public Works facility. Recommendations identified in the SWPPP will be reviewed and corrective actions taken as necessary in the upcoming reporting period.

Additional Information

Monitoring or Study Results

Results from any other stormwater or receiving water quality monitoring or studies conducted during the reporting period not otherwise mentioned above, where the data is being used to inform permit compliance or permit effectiveness must be attached.

- Not applicable
- The results from additional reports or studies are attached to the email submission
- The results from additional reports or studies can be found at the following website(s):

If such monitoring or studies were conducted on your behalf or if monitoring or studies conducted by other entities were reported to you, a brief description of the type of information gathered or received shall be described below:

Additional Information

Optional: Enter any additional information relevant to your stormwater management program implementation during the reporting period. Include any BMP modifications made by the MS4 if not already discussed above:

Drainage system maintenance (cleaning) was conducted to remove blockages, sediment build up and debris to restore drainage capacity on the following Streets: Acorn Dr, McDevitt Rd, McCauliff Rd, Sherman Dr and Barbara Rd, drain line from Brook Central Cemetery through DPW facility to outfall

Drainage system work was conducted as follows:
 Amvets Lane to Carlino Way - drain pipe extension
 Sherman Dr - replaced collapsed pipe
 Intersection of South Main and Center - replaced drainage swale with 400' of 24" HDPE
 Russ St - added drain pipe

COVID-19 Impacts

Optional: If any of the above year 2 requirements could not be completed due to the impacts of COVID-19, please identify the requirement that could not be completed, any actions taken to attempt to complete the requirement, and reason the requirement could not be completed below:

Activities Planned for Next Reporting Period

Please confirm that your SWMP has been, or will be, updated to comply with all applicable permit requirements including but not limited to the year 3 requirements summarized below. (Note: impaired waters and TMDL requirements are not listed below)

Yes, I agree

- Inspect all outfalls/ interconnections (excluding Problem and Excluded outfalls) for the presence of dry weather flow
- Complete follow-up ranking as dry weather screening becomes available

Annual Requirements

- Annual report submitted and available to the public
- Annual opportunity for public participation in review and implementation of SWMP
- Keep records relating to the permit available for 5 years and make available to the public
- Properly store and dispose of catch basin cleanings and street sweepings so they do not discharge to receiving waters
- Annual training to employees involved in IDDE program
- Update inventory of all known locations where SSOs have discharged to the MS4
- Continue public education and outreach program
- Update outfall and interconnection inventory and priority ranking and include data collected in connection with the dry weather screening and other relevant inspections conducted
- Implement IDDE program
- Review site plans of construction sites as part of the construction stormwater runoff control program
- Conduct site inspection of construction sites as necessary
- Inspect and maintain stormwater treatment structures
- Log catch basins cleaned or inspected
- Sweep all uncurbed streets at least annually
- Continue investigations of catchments associated with Problem Outfalls
- Review inventory of all permittee owned facilities in the categories of parks and open space, buildings and facilities, and vehicles and equipment; update if necessary

Provide any additional details on activities planned for permit year 3 below:

Part V: Certification of Small MS4 Annual Report 2020

40 CFR 144.32(d) 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, I certify that 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.

Name:

Keith Nastasia

Title:

DPW Superintendent

Signature:

See Attachments for
Signature Page

Date:

*[Signatory may be a duly authorized
representative]*

Note: When prompted during signing, save the document under a new file name.

Annual Report Submission

Please submit the form electronically via email to both EPA and MassDEP by clicking on one of the links below or using the email addresses listed below. Please ensure that all required attachments are included in the email and not attached to this PDF.

EPA: stormwater.reports@epa.govMassDEP: laura.schifman@mass.gov

Paper Signature:

If you did not sign electronically above, you can print the signature page by clicking the button below.

Optional: If you did not sign electronically above, you may lock the form by clicking the "Lock Form" button below which will prompt you to save the locked version of the form. Save this locked version under a new file name.

Town of Randolph MS4 Year 2 Annual Report Attachments

List of Attachments

1. Signature Delegation Letter
 - *Signature Delegation to Keith Nastasia*
2. Signature Page
 - *Randolph MS4 Yr 2 Sig Page_Keith Nastasia*
3. Outfall Screening data:
 - *Town of Randolph Outfall Inspection Program, MS4 Outfalls*
4. IDDE Progress
 - *Illicit Discharge Removal Report*

Attachment 1: Signature Delegation Letter
Signature Delegation to Keith Nastasia



TOWN OF RANDOLPH
INC. 1793

TOWN OF RANDOLPH DEPARTMENT OF PUBLIC WORKS

41 South Main Street • Randolph, MA 02368
Telephone (781) 961-0940 • Fax (781) 961-0945

June 25, 2020

MEMO TO FILE

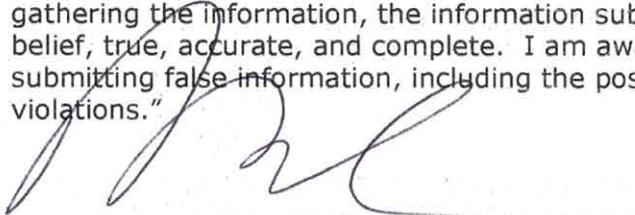
Re: Documentation for delegation of "Authorized Representative" for NPDES **2016 Massachusetts** Small Municipal Separate Storm Sewer System (MS4) General Permit

This document serves to affirm that **Keith Nastasia** has responsibility for the operation of the MS4 and is hereby designated as an authorized person for signing all reports including but not limited to the Stormwater Management Plan (SWMP), Stormwater Pollution Prevention Plans (SWPPPs), inspection reports, annual reports, monitoring reports, reports on training, and other information required by the General Permit for Stormwater Discharges from Small Municipal Separate Storm Sewer Systems (MS4) in **Massachusetts for the Town of Randolph**. This authorization cannot be used for signing a NPDES permit application (e.g., Notice of Intent (NOI)) in accordance with 40 CFR 122.22).

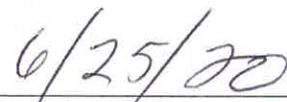
By signing this authorization, I confirm that I meet the following requirements to make such a designation as set forth in Part B.11 of Appendix B of the Small MS4 General Permit:

For a municipality, state, federal, or other public agency: By either a principal executive officer or ranking elected official.

"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 gathered and evaluated 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."



Brian Howard
Town Manager



Date

Attachment 2: Signature Page
Randolph MS4 Yr 2 Sig Page_Keith Nastasia

Part V: Certification of Small MS4 Annual Report 2020

40 CFR 144.32(d) 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, I certify that 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.

Name:

Keith Nastasia

Title:

DPW Superintendent

Signature:



[Signatory may be a duly authorized representative]

Date:

9-23-2020

Note: When prompted during signing, save the document under a new file name.

Annual Report Submission

Please submit the form electronically via email to both EPA and MassDEP by clicking on one of the links below or using the email addresses listed below. Please ensure that all required attachments are included in the email and not attached to this PDF.

EPA: stormwater.reports@epa.govMassDEP: laura.schifman@mass.gov

Paper Signature:

If you did not sign electronically above, you can print the signature page by clicking the button below.

Optional: If you did not sign electronically above, you may lock the form by clicking the "Lock Form" button below which will prompt you to save the locked version of the form. Save this locked version under a new file name.

Attachment 3: Outfall Screening data
Town of Randolph Outfall Inspection Program, MS4 Outfalls

Town of Randolph, Massachusetts

Outfall Inspection Program - MS4 Outfalls Sorted By Street With Inspection Data

Total - 194

Inspection Date	Pipe Material	Pipe Size	Pipe Shape	Outfall Structure	Outfall Material	Outfall Condition	Outfall Issues	Weather	Flow	Flow To	Flow Amount	Flow Clarity	Flow Color	Odor	Sediment	Scouring	Algae Growth	Stressed Vegetation	Staining	Floatables	Oil Sheen	Submerged
Town																						
ACORN DRIVE																						
ID OF-298	9/9/2020	RCP	12	Round	Pipe End		Damaged	Clear	Yes	Channel to water	Trickle	Clear	Clear	None	No	Yes	No	No	No	Trash	No	Yes
ID OF-302	9/9/2020	RCP	42	Round	Headwall	Stone	Fair	None	Clear	No	Channel to water	None	-	-	None	No	No	Yes	No	Yes	No	Yes
ALDEN STREET																						
ID OF-96	9/10/2020	RCP	18	Round	Pipe End		Damaged	Clear	No	Channel to water	None	-	-	None	Yes	Yes	No	No	No	No	No	No
ALICE ROAD																						
ID OF-292	9/10/2020	RCP	18	Round	Headwall	Stone	Poor	Damaged	Clear	No	Stream	None	-	-	None	Yes	No	Yes	No	No	Trash	No
ALLEN STREET																						
ID OF-50	2/21/2020	RCP	12	Round	Flared End	Concrete	Good	None	Clear	No	Stream	None	-	-	None	No	Yes	Yes	No	No	No	No
ID OF-90	2/21/2020	HDPE	15	Round	Pipe End		None	Clear	No	Stream	None	-	-	None	No	No	No	No	No	No	No	No
ID OF-358	9/10/2020	RCP	36	Round	Wingwall	Stone	Good	None	Cloudy	No	Stream	None	-	-	None	Yes	No	No	No	No	No	Yes
ALMOND DRIVE																						
ID OF-445	2/18/2020	RCP	15	Round			CNL	Clear	No		None	-	-									
ALWARD DRIVE																						
ID OF-376	1/22/2020	RCP	15	Round	Wingwall	Concrete	Good	None	Clear	No	Wetlands	None	-	-	None	No	No	No	No	No	No	Yes
ANDERSON DRIVE																						
ID OF-216	1/10/2020			Round			CNL	Cloudy	No	Pond	None	-	-	None	Yes	No	No	No	No	No	No	No
BARTLETT ROAD																						
ID OF-440	9/14/2020	RCP	24	Round	Pipe End		None	Cloudy	No	Stream	None	-	-	None	Yes	No	No	No	No	No	No	No
BIRCH DRIVE																						
ID OF-536	5/13/2020	RCP	12	Round			CNL	Clear	No		None	-	-									
ID OF-538	1/15/2020	RCP	24	Round	Pipe End		Major Blockage	Clear	No	Wetlands	None	-	-	None	Yes	No	No	No	No	No	No	No
BITTERSWEET LANE																						
ID OF-462	9/9/2020	RCP	24	Round	Flared End	Concrete	Poor	Major Blockage	Clear	No	Wetlands	None	-	-	None	Yes	No	Yes	No	No	No	Yes
BOOTHBY CIRCLE																						
ID OF-315	1/24/2020	RCP	12	Round	Pipe End		Damaged	Clear	No	Stream	None	-	-	None	No	Yes	No	No	No	No	No	No
CANTON STREET																						
ID OF-197	1/10/2020	PVC	12	Round	Pipe End		Minor Blockage	Cloudy	No	Wetlands	None	-	-	None	Yes	No	No	No	No	No	No	No
ID OF-564	9/14/2020	RCP	24	Round	Headwall	Concrete	Fair	None	Cloudy	Unknown	Wetlands	Unknown	-	-	None	Yes	No	Yes	No	No	Yes	Yes
CHESTNUT CIRCLE																						
ID OF-501	9/15/2020	RCP	48	Round	Headwall	Stone	Fair	None	Clear	Yes	Channel to water	Moderate	Clear	Clear	None	No	Yes	Yes	No	No	No	No
ID OF-502	4/6/2020	RCP	12	Round			CNL	Clear	No	Channel to water	None	-	-							Yes		
ID OF-503	1/9/2020	RCP	12	Round	Headwall	Concrete	Fair	Major Blockage	Clear	No	Channel to water	None	-	-	None	Yes	No	Yes	No	No	No	Yes
ID OF-506	1/9/2020	RCP	12	Round	Headwall	Concrete	Good	Major Blockage	Clear	No	Wetlands	None	-	-	None	Yes	No	No	No	No	No	No
ID OF-570	1/9/2020	RCP	24	Round	Headwall	Stone	Fair	Unknown Upstream	Clear	No	Channel to water	None	-	-	None	No	Yes	Yes	No	No	No	Yes
CHESTNUT STREET																						
ID OF-187	1/14/2020	RCP	24	Round	Headwall	Stone	Fair	None	Cloudy	No	Channel to water	None	-	-	None	No	No	No	No	No	No	No
CHESTNUT WEST																						
ID OF-217	9/15/2020	RCP	30	Round	Flared End	Concrete	Good	Major Blockage	Cloudy	No	Pond	None	-	-	None	Yes	No	No	No	No	Trash	No
CONCETTA SASS DRIVE																						
ID OF-207	9/14/2020	RCP	30	Round	Flared End	Concrete	Good	None	Cloudy	No	Wetlands	None	-	-	None	No	No	No	No	No	No	No
CROSS STREET																						
ID OF-54	1/15/2020	RCP	12	Round	Pipe End		Major Blockage	Clear	No	Wetlands	None	-	-	None	Yes	No	No	No	No	No	No	No
ID OF-55	5/13/2020	RCP	24	Round			CNL	Clear		Wetlands												
ID OF-428	1/15/2020	CMP	12	Round	Pipe End		Buried Structure	Clear	No	Wetlands	None	-	-	None	Yes	No	No	No	No	No	No	No
CURRAN TERRACE																						
ID OF-23	4/7/2020	CMP	12	Round			Fenced In	Clear	No	Wetlands	None	-	-		No					No		No
DECOTA DRIVE																						
ID OF-511	4/6/2020	RCP	24	Round			Fenced In	Clear	No		None	-	-									

Inspection Date	Pipe Material	Pipe Size	Pipe Shape	Outfall Structure	Outfall Material	Outfall Condition	Outfall Issues	Weather	Flow	Flow To	Flow Amount	Flow Clarity	Flow Color	Odor	Sediment	Scouring	Algae Growth	Stressed Vegetation	Staining	Floatables	Oil Sheen	Submerged
DENNIS CIRCLE																						
ID OF-357				Headwall	Stone		Buried Structure	Clear	No	Stream	None	-	-	None	Yes	No	No	No	No	No	No	Yes
DPW																						
ID OF-92	RCP	48	Round	Headwall	Stone	Good	None	Clear	No	Stream	None	-	-	None	Yes	No	Yes	No	No	No	No	Yes
ID OF-584	RCP	12	Round	Pipe End			None	Cloudy	No	Stream	None	-	-	None	Yes	No	No	No	Yes	No	Yes	No
EAST ALDEN AVENUE																						
ID OF-134	RCP	12	Round	Pipe End			Minor Blockage	Clear	No	Wetlands	None	-	-	None	Yes	No	No	No	No	No	No	Yes
EAST DRUID HILL AVENUE																						
ID OF-77	PVC	8	Round				CNL	Clear	No	Wetlands	None	-	-		Yes							Yes
ID OF-309	RCP	18	Round	Pipe End			None	Clear	Yes	Channel to water	Drip	Clear	Clear	None	No	Yes	No	No	No	No	No	Yes
ID OF-310	RCP	30	Round	Pipe End			None	Clear	No	Channel to water	None	-	-	None	No	No	No	No	No	No	Yes	Yes
FEENER CIRCLE																						
ID OF-540	RCP	24	Round	Pipe End			None	Cloudy	No	Stream	None	-	-	None	Yes	Yes	No	No	No	No	No	No
FERRY ROAD																						
ID OF-179	RCP	12	Round	Pipe End			Buried Structure	Cloudy	No	Channel to water	None	-	-	None	Yes	Yes	No	No	No	Trash	No	Yes
FLINT LOCKE ROAD																						
ID OF-516	RCP	30	Round	Pipe End			Damaged	Cloudy	Yes	Channel to water	Moderate	Clear	Clear	None	Yes	No	No	No	No	No	No	Yes
FRED DOLAN CIRCLE																						
ID OF-241			Round	Headwall	Concrete		Buried Structure	Clear	No	Wetlands	None	-	-	None	Yes	No	No	No		No	No	No
FREDERICKSON DRIVE																						
ID OF-300	RCP	18	Round	Headwall	Stone	Good	None	Clear	No	Wetlands	None	-	-	None	No	Yes	No	No	No	No	No	No
FULLER AVENUE																						
ID OF-160	RCP	42	Round	Wingwall	Concrete	Good	None	Cloudy	No	Channel to water	None	-	-	None	Yes	No	No	No	No	No	No	No
GALLAGHER DRIVE																						
ID OF-312	RCP	30	Round	Pipe End			None	Clear	Yes	Stream	Substantial	Clear	Clear	None	No	Yes	Yes	No	No	Suds	No	No
GROVE STREET																						
ID OF-493	RCP	42	Round	Wingwall	Concrete	Good	None	Cloudy	No	Stream	None	-	-	None	No	No	No	No	No	Suds	No	Yes
ID OF-494	RCP	42	Round	Wingwall	Concrete	Good	None	Cloudy	No	Stream	None	-	-	None	No	No	No	No	No	Suds	No	Yes
HIGH STREET																						
ID OF-196	RCP	12	Round	Pipe End			Damaged	Cloudy	No	Stream	None	-	-	None	No	No	No	No	No	No	Yes	No
ID OF-227	RCP	12	Round	Pipe End			None	Clear	No	Stream	None	-	-	None	No	No	No	No	No	No	No	Yes
ID OF-239	RCP	36	Round	Headwall	Stone	Fair	None	Cloudy	No	Stream	None	-	-	None	Yes	Yes	No	No	No	No	No	Yes
ID OF-541			Round	Headwall	Concrete		Buried Structure	Clear	No	Stream	None	-	-	None	Yes	No	No	No	No	No	Yes	Yes
ID OF-542	RCP	18	Round	Headwall	Stone	Fair	Damaged	Clear	No	Stream	None	-	-	None	No	No	No	No	No	No	Yes	Yes
ID OF-545	RCP	24	Round	Headwall	Stone	Fair	Damaged	Cloudy	No	Stream	None	-	-	None	Yes	Yes	No	No	No	No	No	No
ID OF-550	RCP	12	Round	Pipe End			None	Cloudy	No	Stream	None	-	-	None	No	No	Yes	No	No	No	No	No
ID OF-553	RCP	15	Round	Wingwall	Stone	Fair	None	Cloudy	No	Channel to water	None	-	-	None	No	No	No	No	No	No	No	No
HILLSDALE RD																						
ID OF-12	RCP	12	Round				CNL	Clear	Yes	Brook	None	-	-	None	Yes				No	No	No	
IRVING ROAD																						
ID OF-200	RCP	12	Round	Pipe End			Damaged	Cloudy	No	Wetlands	None	-	-	None	Yes	No	No	No	No	No	No	No
ID OF-206	RCP	24	Round	Headwall	Concrete	Good	Major Blockage	Cloudy	No	Wetlands	None	-	-	None	Yes	No	No	No	No	No	No	No
ID OF-565	RCP	15	Round	Headwall	Concrete	Good	None	Cloudy	No	Wetlands	None	-	-	None	No	No	No	No	No	No	No	No
JACOBS ROAD																						
ID OF-93	RCP	24	Round	Headwall	Stone	Good	Debris	Cloudy	Yes	Stream	Trickle	Clear	Clear	None	Yes	No	No	No	No	No	No	No
ID OF-343	RCP	15	Round				CNL	Cloudy		Stream	Unknown	-	-	None	No	No	No	No	No	No	No	No
JOHNSON DRIVE																						
ID OF-577	PVC	12	Round	Headwall	Stone	Damaged	Damaged	Cloudy	No	Channel to wetland	None	-	-	None	No	Yes	No	No	No	No	No	No
KING CREST TERRACE																						
ID OF-269	RCP	12	Round	Wingwall	Concrete	Poor	Major Blockage	Clear	No	Wetlands	None	-	-	None	Yes	No	Yes	No	No	No	No	Yes
KNIGHTS CRESCENT																						
ID OF-152	RCP	12	Round	Headwall	Stone	Poor	Damaged	Cloudy	No	Stream	None	-	-	None	No	Yes	No	No	No	No	No	Yes
LAFAYETTE STREET																						
ID OF-229	PVC	12	Round	Pipe End			None	Clear	No	Wetlands	None	-	-	None	No	No	No	No	No	No	No	No

Inspection Date	Pipe Material	Pipe Size	Pipe Shape	Outfall Structure	Outfall Material	Outfall Condition	Outfall Issues	Weather	Flow	Flow To	Flow Amount	Flow Clarity	Flow Color	Odor	Sediment	Scouring	Algae Growth	Stressed Vegetation	Staining	Floatables	Oil Sheen	Submerged	
ID OF-486	1/14/2020	RCP	12	Round	Headwall	Concrete	Fair	Major Blockage	Cloudy	No	Wetlands	None	-	-	None	Yes	No	No	No	No	No	No	No
LEE FARM ROAD																							
ID OF-430	9/10/2020	RCP	24	Round	Pipe End			None	Cloudy	No	Stream	None	-	-	None	Yes	No	Yes	No	No	No	No	Yes
ID OF-433	9/14/2020	RCP	24	Round	Headwall	Stone	Good	None	Cloudy	No	Stream	None	-	-	None	Yes	No	No	No	Yes	No	Yes	No
L'HEUREUX CIRCLE																							
ID OF-381	4/6/2020	RCP	18	Round	Flared End	Concrete	Good	Minor Blockage	Clear	No	Wetlands	None	-	-	None	Yes	No	No	No	No	Yes	No	No
ID OF-382	1/8/2020	RCP	12	Round	Flared End	Concrete	Fair	Minor Blockage	Clear	No	Wetlands	None	-	-	None	Yes	No	No	No	No	No	No	No
ID OF-383	5/13/2020	RCP	12	Round				CNL	Clear	No		None	-	-	None	Yes							No
ID OF-384	4/6/2020	RCP	18	Round				CNL	Clear	No	Wetlands	None	-	-	None	Yes							
ID OF-385	9/9/2020	RCP	48	Round	Wingwall	Concrete	Good	None	Clear	Yes	Wetland	Trickle	Clear	Clear	None	No	No	Yes	No	Yes	Trash	No	No
MAITLAND AVENUE																							
ID OF-195	9/10/2020	CMP	12	Round	Pipe End			None	Cloudy	No	Channel to water	None	-	-	None	Yes	No	No	Yes	No	No	No	No
MARCONI DRIVE																							
ID OF-444	9/14/2020	RCP	12	Round	Pipe End			Buried Structure	Cloudy	No	Reservoir	None	-	-	None	Yes	No	No	No	No	No	No	No
MARIE WAY																							
ID OF-230	9/15/2020	RCP	30	Round	Headwall	Concrete	Good	None	Cloudy	No	Stream	None	-	-	None	Yes	No	No	No	No	No	No	No
ID OF-236	1/15/2020	RCP	24	Round	Headwall	Concrete	Good	Minor Blockage	Clear	No	Wetlands	None	-	-	None	Yes	No	No	No	No	No	No	No
MARION STREET																							
ID OF-514	9/14/2020	RCP	36	Round	Headwall	Stone	Good	None	Cloudy	No	Stream	None	-	-	None	No	Yes	No	No	No	Trash	No	No
MAZZEO DRIVE																							
ID OF-479	1/15/2020	RCP	12	Round	Headwall	Concrete	Fair	Major Blockage	Clear	No	Wetlands	None	-	-	None	Yes	Yes	No	No	No	No	No	Yes
MILL STREET																							
ID OF-126	1/30/2020	RCP	12	Round	Pipe End			None	Clear	No	Stream	None	-	-	None	No	No	No	No	No	No	No	No
ID OF-127	1/30/2020	RCP		Round	Pipe End			Major Blockage	Clear	No	Wetlands	None	-	-	None	Yes	No	No	No	No	No	No	No
ID OF-268	1/30/2020	CMP	24	Round	Headwall	Concrete	Fair	None	Clear	No	Stream	None	-	-	None	No	No	No	No	No	No	No	No
NIGHTINGALE CIRCLE																							
ID OF-35	1/24/2020	RCP	18	Round	Wingwall	Concrete	Good	None	Clear	No	Stream	None	-	-	None	No	Yes	Yes	No	No	No	No	No
ID OF-36	1/24/2020	RCP	15	Round	Flared End	Concrete	Good	None	Clear	No	Stream	None	-	-	None	No	Yes	Yes	No	No	No	No	No
NILES ROAD																							
ID OF-162	9/15/2020	RCP	24	Round	Headwall	Cinder Block	Damaged	Damaged	Cloudy	No	Channel to water	None	-	-	None	No	Yes	No	No	No	No	No	No
NORTH MAIN STREET																							
ID OF-18	3/17/2020	RCP	15	Round	Pipe End			None	Cloudy	Yes	Stream	Trickle	Clear	Clear	None	No	Yes	Yes	No	No	No	No	No
NORTH STREET																							
ID OF-61	2/21/2020	RCP	18	Round	Pipe End			None	Clear	No	Stream	None	-	-	None	No	No	No	No	No	No	No	No
ID OF-143	1/22/2020							CNL	Clear	No	Channel to water	None	-	-		Yes							
ID OF-288	1/22/2020	RCP	18	Round	Headwall	Concrete	Good	None	Clear	No	Channel to water	None	-	-	None	No	No	No	No	No	No	No	No
ID OF-291	9/10/2020	RCP	48	Round	Headwall	Concrete	Good	Fenced In	Cloudy	Yes	Channel to water	Trickle	Clear	Clear	None	No	Yes	Yes	No	No	No	Yes	Yes
ID OF-354	4/7/2020	GAL	6	Round				CNL	Clear	No	Stream	None	-	-									
ID OF-355	9/10/2020	RCP	12	Round	Pipe End			Damaged	Cloudy	No	Stream	None	-	-	None	No	Yes	Yes	No	No	No	No	No
NORTHWAY ROAD																							
ID OF-508	9/15/2020	RCP	15	Round				CNL	Clear	No	Wetlands	None	-	-									
OAK STREET																							
ID OF-22	2/18/2020	RCP	15	Round	Flared End	Concrete	Poor	Damaged	Cloudy	No	Reservoir	None	-	-	None	No	No	No	No	No	No	No	No
ID OF-135	2/18/2020	RCP	15	Round	Flared End	Concrete	Good	None	Cloudy	No	Reservoir	None	-	-	None	No	No	No	No	No	No	No	No
ID OF-136	9/14/2020	RCP	42	Round	Headwall	Stone	Good	None	Cloudy	Yes	Stream	Trickle	Clear	Clear	None	No	No	No	No	No	Suds	No	Yes
ID OF-372	2/18/2020	RCP	12	Round	Flared End	Concrete	Poor	Damaged	Cloudy	No	Wetlands	None	-	-	None	Yes	No	No	No	No	No	No	No
ID OF-373	2/18/2020	RCP	15	Round	Flared End	Concrete	Good	None	Cloudy	No	Reservoir	None	-	-	None	No	No	No	No	No	No	No	No
ID OF-375	9/10/2020	RCP	30	Round	Pipe End			None	Cloudy	No	Wetlands	None	-	-	None	Yes	No	No	No	No	Trash	No	No
ID OF-441	2/18/2020	RCP	18	Round	Flared End	Concrete	Fair	Damaged	Cloudy	No	Reservoir	None	-	-	None	No	Yes	No	No	No	No	No	No
ID OF-587	2/21/2020	RCP	12	Round	Headwall	Stone	Good	Unknown	Clear	No	Stream	None	-	-	None	No	Yes	No	No	No	No	No	No
ID OF-588	2/21/2020	RCP	42	Round	Headwall	Stone	Good	Unknown	Clear	No	Stream	None	-	-	None	Yes	No	No	No	No	No	No	Yes
ORRIN WHITE DRIVE																							
ID OF-97	4/6/2020							CNL	Clear	No	Stream	None	-	-		Yes							
PAINE ROAD																							

ID	Inspection Date	Pipe Material	Pipe Size	Pipe Shape	Outfall Structure	Outfall Material	Outfall Condition	Outfall Issues	Weather	Flow	Flow To	Flow Amount	Flow Clarity	Flow Color	Odor	Sediment	Scouring	Algae Growth	Stressed Vegetation	Staining	Floatables	Oil Sheen	Submerged
ID OF-295	9/10/2020	RCP	12	Round	Pipe End			None	Cloudy	No	Stream	None	-	-	None	Yes	No	Yes	No	No	No	No	No
ID OF-366	1/22/2020	RCP	18	Round	Pipe End			None	Clear	No	Wetlands	None	-	-	None	Yes	No	No	No	No	No	No	Yes
PARK STREET																							
ID OF-8	2/21/2020	CI	10	Round	Pipe End			Major Blockage	Clear	No	Pond	None	-	-	None	Yes	No	No	No	No	No	No	No
PEARL STREET																							
ID OF-338	9/10/2020	RCP	24	Round	Pipe End			None	Cloudy	Yes	Stream	Trickle	Clear	Clear	None	No	No	Yes	No	No	No	No	No
ID OF-406	2/21/2020	RCP	15	Round	Pipe End			None	Clear	No	Stream	None	-	-	None	No	No	Yes	No	No	No	No	No
PELISSIER CIRCLE																							
ID OF-419	3/17/2020	RCP	12	Round	Pipe End			Major Blockage	Cloudy	No	Wetlands	None	-	-	None	Yes	No	No	No	No	No	No	No
PLEASANT STREET																							
ID OF-82	2/20/2020	RCP	12	Round	Pipe End			Major Blockage	Clear	No	Stream	None	-	-	None	Yes	No	No	No	No	No	No	No
ID OF-91	2/20/2020	RCP	12	Round	Pipe End			None	Clear	No	Stream	None	-	-	None	No	No	No	No	No	No	No	No
ID OF-342	4/7/2020	RCP	12	Round				CNL	Clear	No	Stream	None	-	-							Yes		
ID OF-345	9/10/2020	RCP	48	Round	Headwall	Stone	Good	None	Clear	No	Stream	None	-	-	None	No	No	Yes	No	No	No	No	No
ID OF-346	9/10/2020	RCP	48	Round	Headwall	Stone	Fair	None	Clear	Yes	Stream	Moderate	Clear	Clear	None	No	No	Yes	No	No	No	No	No
POND STREET																							
ID OF-252	2/21/2020	RCP	15	Round	Headwall	Concrete	Good	Major Blockage	Clear	No	Pond	None	-	-	None	Yes	No	No	No	No	No	No	Yes
ID OF-253	7/13/2020			Round				CNL	Clear	No	Reservoir	None	-	-			No	No	No	No	No	No	No
ID OF-456	2/21/2020	RCP	15	Round	Headwall	Concrete	Good	Major Blockage	Clear	No	Pond	None	-	-	None	Yes	No	No	No	No	No	No	Yes
ID OF-457	2/21/2020	RCP	24	Round	Headwall	Concrete	Good	Minor Blockage	Clear	No	Pond	None	-	-	None	Yes	No	No	No	No	No	No	Yes
ID OF-458	2/21/2020				Headwall	Concrete	Fair	Buried Structure	Clear	No	Pond	None	-	-	None	Yes	No	No	No	No	No	No	Yes
ID OF-561	9/14/2020	RCP	30	Round	Pipe End			None	Clear	No	Wetlands	None	-	-	None	Yes	No	No	No	No	No	No	No
POWERS FARM ROAD																							
ID OF-591	7/16/2020	RCP	18	Round	Flared End	Concrete	Good	None	Clear	No	NA	None	-	-	None	No	No	No	No	No	No	No	Yes
RAE CIRCLE																							
ID OF-498	9/15/2020	RCP	24	Round	Wingwall	Concrete	Good	None	Cloudy	No	Channel to water	None	-	-	None	Yes	No	No	No	No	No	No	No
ID OF-499	9/15/2020	RCP	36	Round	Headwall	Concrete	Good	None	Cloudy	No	Channel to water	None	-	-	None	Yes	No	No	No	No	Trash	No	Yes
REED STREET																							
ID OF-248	9/14/2020	RCP	24	Round	Wingwall	Concrete	Good	Damaged	Cloudy	No	Stream	None	-	-	None	No	No	No	No	No	No	No	No
ID OF-558	1/22/2020	RCP	24	Round	Headwall	Stone	Poor	Damaged	Clear	No	Stream	None	-	-	None	No	No	No	No	No	No	No	No
REGINA ROAD																							
ID OF-344	2/20/2020	RCP	12	Round	Pipe End			Damaged	Clear	No	Stream	None	-	-	None	No	No	No	No	No	No	No	No
REISNER ROAD																							
ID OF-317	9/10/2020	RCP	12	Round	Pipe End			None	Clear	No	Channel to water	None	-	-	None	Yes	Yes	Yes	No	No	No	No	No
RESERVOIR DRIVE																							
ID OF-442	2/18/2020	RCP	12	Round	Headwall	Stone	Fair	None	Cloudy	No	Wetlands	None	-	-	None	Yes	No	No	No	No	No	No	No
ID OF-443	9/14/2020	RCP	18	Round	Headwall	Stone	Fair	None	Cloudy	No	Wetlands	None	-	-	None	Yes	No	Yes	No	No	No	No	No
ROBERT ROAD																							
ID OF-510	1/10/2020	RCP	12	Round	Pipe End			None	Cloudy	No	Channel to water	None	-	-	None	No	Yes	No	No	No	No	No	No
ROEL STREET																							
ID OF-52	2/21/2020	CMP	12	Round	Pipe End			None	Clear	No	Pond	None	-	-	None	No	No	No	No	No	No	No	No
ID OF-425	2/21/2020	RCP	24	Round	Flared End	Concrete	Good	None	Clear	No	Pond	None	-	-	None	No	No	No	No	No	No	No	Yes
ROYCROFT DRIVE																							
ID OF-274	4/7/2020	RCP	18	Round				CNL	Clear	No	Wetlands	None	-	-	None	Yes		No	No	Yes	Yes	Yes	Yes
SANDRA CIRCLE																							
ID OF-303	9/9/2020	RCP	12	Round	Headwall	Stone	Fair	Fenced In	Clear	No	Wetlands	None	-	-	None	Yes	Yes	No	No	No	Trash	No	No
SELWYN ROAD																							
ID OF-110	9/9/2020	RCP	30	Round	Wingwall	Concrete	Good	None	Clear	No	Wetland	None	-	-	None	Yes	No	No	No	No	No	No	No
ID OF-388	1/8/2020	RCP	15	Round	Flared End	Concrete	Good	None	Clear	No	Stream	None	-	-	None	No	No	No	No	No	No	No	No
SKYVIEW ROAD																							
ID OF-484	1/14/2020	RCP	18	Round	Pipe End			Major Blockage	Cloudy	No	Channel to water	None	-	-	None	No	Yes	Yes	No	No	No	No	Yes
SMITH ROAD																							
ID OF-500	9/15/2020	RCP	32	Round	Pipe End			CNA	Cloudy		Stream		-	-	None	No	No	No	No	Yes	No	No	No
SOUTH MAIN STREET																							

ID	Inspection Date	Pipe Material	Pipe Size	Pipe Shape	Outfall Structure	Outfall Material	Outfall Condition	Outfall Issues	Weather	Flow	Flow To	Flow Amount	Flow Clarity	Flow Color	Odor	Sediment	Scouring	Algae Growth	Stressed Vegetation	Staining	Floatables	Oil Sheen	Submerged
ID OF-78	3/17/2020	RCP	24	Round	Pipe End			Major Blockage	Clear		Wetlands		Clear	Clear	None	Yes	No	Yes	No	No	No	Yes	Yes
ID OF-79	3/16/2020	CMP	12	Round	Pipe End			Major Blockage	Clear		Wetlands		Clear	Clear	None	Yes	No	Yes	No	No	No	Yes	Yes
ID OF-103	3/17/2020	RCP	12	Round	Headwall	Concrete	Good	None	Clear	No	Stream	None	-	-	None	No	No	No	No	No	No	No	No
ID OF-296	3/17/2020	HDPE	12	Round	Pipe End			None	Rain	No	Wetlands	None	-	-	None	No	Yes	No	No	No	No	No	No
ID OF-389	4/6/2020	RCP	12	Round	Headwall	Concrete	Good	None	Clear	Yes	Stream	Moderate	Clear	Clear	None	No	No	Yes	No	Yes	Yes	No	No
SOUTH STREET																							
ID OF-65	1/24/2020					Stone		CNL	Clear	No	Stream	None	-	-	None	No	No	No	No	No	No	No	No
ID OF-314	1/24/2020	RCP	18	Round	Headwall	Stone	Fair	Damaged	Clear	No	Wetlands	None	-	-	None	No	Yes	No	No	No	No	No	No
ID OF-320	9/10/2020	CMP	24	Round	Headwall	Stone	Poor	Damaged	Clear	No	Stream	None	-	-	None	No	Yes	Yes	No	No	No	Yes	No
ID OF-330	9/10/2020	RCP	24	Round	Headwall	Stone	Fair	None	Clear	Yes	Stream	Trickle	Clear	Clear	None	No	Yes	Yes	No	Yes	Suds	No	No
STEARNS DRIVE																							
ID OF-448	2/18/2020	RCP	15	Round	Pipe End			None	Cloudy	No	Reservoir	None	-	-	None	Yes	No	No	No	No	No	No	Yes
STEVENS TERRACE																							
ID OF-400	9/9/2020	RCP	36	Round	Headwall	Stone	Fair	None	Clear	No	Pond	None	-	-	None	No	No	No	No	No	No	No	No
STOUGHTON STREET																							
ID OF-392	9/9/2020	RCP	30	Round	Pipe End			None	Clear	No	Wetland	None	-	-	None	No	Yes	Yes	No	No	No	No	No
SUMMIT ROAD																							
ID OF-111	9/9/2020	RCP	15	Round	Headwall	Stone	Fair	None	Clear	No	Stream	None	-	-	None	Yes	No	Yes	No	Yes	Yes	No	Yes
SUNSHINE AVENUE																							
ID OF-180	2/18/2020	RCP	12	Round				CNL	Cloudy	No	Wetlands	None	-	-	None						Cigarettes	No	
ID OF-181	1/7/2020	RCP	12	Round	Headwall	Concrete	Good	None	Cloudy		Wetlands	None	Clear	Clear	Yes	No	No	No	No	Yes	No	Yes	Yes
ID OF-183	1/7/2020	RCP	12	Round				CNL	Clear	No	Wetlands	None	-	-		Yes							
TEED DRIVE																							
ID OF-155	9/10/2020	CMP	18	Round	Headwall	Stone	Poor	Damaged	Cloudy	Yes	Channel to water	Moderate	Clear	Clear	None	Yes	No	Yes	No	Yes	No	No	No
ID OF-278	1/22/2020	RCP	12	Round	Headwall	Concrete	Fair	None	Clear	No	Channel to water	None	-	-	None	No	Yes	No	No	No	No	No	No
ID OF-282	9/10/2020	RCP	12	Round	Headwall	Stone	Good	None	Cloudy	No	Stream	None	-	-	None	No	No	No	No	Yes	No	Yes	No
ID OF-286	9/10/2020	RCP	15	Round	Headwall	Stone	Fair	None	Cloudy	No	Channel to water	None	-	-	None	Yes	No	Yes	No	Yes	No	No	No
THOMAS PATTON DRIVE																							
ID OF-467	1/15/2020	RCP	36	Round	Headwall	Concrete	Fair	None	Clear	No	Channel to water	None	-	-	None	No	Yes	Yes	No	No	No	Yes	Yes
THOMAS STREET																							
ID OF-563	9/14/2020	RCP	30	Round	Headwall	Stone	Poor	Damaged	Cloudy	No	Channel to water	None	-	-	None	No	No	Yes	No	No	Trash	No	No
TIFFANY DRIVE																							
ID OF-460	9/9/2020	RCP	36	Round	Headwall	Stone	Good	None	Clear	No	Wetlands	None	-	-	None	No	No	No	No	No	No	No	No
TILESTON ROAD																							
ID OF-318	9/10/2020	RCP	12	Round	Headwall	Stone	Fair	Major Blockage	Clear	No	Channel to water	None	-	-	Yes	Yes	Yes	No	No	Yes	No	Yes	Yes
TURNER DRIVE																							
ID OF-572	9/14/2020	RCP	18	Round	Pipe End			None	Cloudy	No	Wetlands	None	-	-	None	Yes	No	No	No	No	No	No	No
UNION STREET																							
ID OF-264	9/9/2020	RCP	24	Round				CNL	Clear	Yes	Stream?	Trickle											
ID OF-327	1/30/2020	RCP	12	Round	Headwall	Concrete	Good	None	Clear	No	Stream	None	-	-	None	No	No	No	No	No	No	No	No
ID OF-328	1/30/2020	STONE		Irregular	Other	Stone	Good	Unknown	Clear	No	Wetlands	None	-	-	None	No	No	No	No	No	No	Yes	No
ID OF-329	9/10/2020	RCP	36	Round	Headwall	Concrete	Good	None	Clear	No	Stream	None	-	-	Fuel	Yes	No	Yes	No	Yes	Trash	No	No
ID OF-579	1/30/2020	RCP	18	Round	Pipe End			None	Clear	No	Stream	None	-	-	None	No	No	No	No	No	No	No	No
VINE LANE																							
ID OF-487	1/14/2020							CNL	Cloudy	No	Wetlands	None	-	-	None	Yes	Yes	No	No	No	No	No	No
VINE STREET																							
ID OF-539	1/14/2020	CMP	12	Round	Pipe End			Buried Structure	Cloudy	No	Stream	None	-	-	None	No	No	No	No	No	No	No	No
VIRGINIA CIRCLE																							
ID OF-391	9/9/2020	RCP	24	Round	Pipe End			None	Clear	No	Wetland	None	-	-	None	Yes	Yes	Yes	No	No	No	No	No
WARREN STREET																							
ID OF-478	1/30/2020					Concrete		CNL	Clear	No	Wetlands	None	-	-	None	Yes	No	No	No	No	No	No	No
WEBSTER STREET																							
ID OF-184	3/17/2020	RCP	36	Round	Headwall	Concrete	Fair	None	Clear	No	Stream	None	-	-	None	Yes	Yes	No	No	No	No	No	Yes
ID OF-185	9/14/2020	CMP	36	Round	Headwall	Stone	Fair	None	Cloudy	Yes	Stream	Moderate	Clear	Clear	None	No	No	No	No	Yes	Suds	No	No

ID	Inspection Date	Pipe Material	Pipe Size	Pipe Shape	Outfall Structure	Outfall Material	Outfall Condition	Outfall Issues	Weather	Flow	Flow To	Flow Amount	Flow Clarity	Flow Color	Odor	Sediment	Scouring	Algae Growth	Stressed Vegetation	Staining	Floatables	Oil Sheen	Submerged
ID OF-519	7/16/2020	RCP	36	Round				CNL	Clear	No	Stream	None	-	-	None			No		No	No	No	No
WEST STREET																							
ID OF-39	1/15/2020	PVC	12	Round	Headwall	Stone	Fair	Damaged	Clear	No	Stream	None	-	-	None	No	No	No	No	No	No	No	No
ID OF-471	9/15/2020	RCP	15	Round	Headwall	Stone	Fair	Damaged	Cloudy	No	Wetlands	None	-	-	None	No	No	No	No	No	No	No	No
ID OF-483	1/15/2020	CMP	18	Round	Pipe End			Damaged	Clear	No	Wetlands	None	-	-	None	No	Yes	No	No	No	No	No	Yes
WEST STREET CONNECTOR																							
ID OF-474	1/15/2020	RCP	12	Round	Headwall	Concrete	Fair	Damaged	Clear	No	Stream	None	-	-	None	No	Yes	No	No	No	No	No	No
ID OF-480	9/15/2020	RCP	36	Round	Wingwall	Concrete	Good	None	Cloudy	No	Stream	None	-	-	None	No	No	No	No	No	No	No	Yes
WESTLAND ROAD																							
ID OF-492	9/15/2020	RCP	12	Round	Headwall	Stone	Fair	None	Cloudy	No	Wetlands	None	-	-	None	No	Yes	Yes	No	Yes	No	No	No
WILLOW DRIVE																							
ID OF-537	1/15/2020	RCP	12	Round	Pipe End			None	Clear	No	Stream	None	-	-	None	No	No	No	No	No	No	Yes	Yes
WILMARTH ROAD																							
ID OF-130	1/30/2020	RCP	18	Round	Pipe End			None	Clear	No	Stream	None	-	-	None	No	No	No	No	No	No	No	No
ID OF-261	1/30/2020	RCP	24	Round	Pipe End			Debris	Clear	No	Stream	None	-	-	None	No	No	No	No	No	No	No	No
ID OF-262	9/9/2020	RCP	30	Round	Pipe End			None	Clear	Yes	Stream	Moderate	Clear	Clear	None	Yes	No	Yes	No	Yes	No	No	No
WM J FLOOD JR DRIVE																							
ID OF-485	9/15/2020	RCP	30	Round	Pipe End			None	Cloudy	No	Wetlands	None	-	-	None	No	Yes	No	No	Yes	No	No	No
WOODLAND PARKWAY																							
ID OF-74	1/8/2020	RCP	15	Round	Pipe End			Major Blockage	Clear	No	Wetlands	None	-	-	None	Yes	No	No	No	No	No	No	No
WOODLAWN ROAD																							
ID OF-11	1/17/2020	HDPE	12	Round	Pipe End			Damaged	Clear	No	Wetlands	None	-	-	None	No	Yes	No	No	No	No	No	No
ID OF-305	9/9/2020	RCP	12	Round	Pipe End			None	Clear	Yes	Stream	Moderate	Cloudy	Orange	None	Yes	No	Yes	No	Yes	Suds	No	No
YORK AVENUE																							
ID OF-212	9/15/2020	RCP	24	Round	Pipe End			None	Cloudy	No	Stream	None	-	-	None	No	No	No	No	No	No	No	Yes
ID OF-213	1/10/2020	RCP	12	Round				CNL	Cloudy	No	Wetlands	None	-	-	None			Yes	No	No	No	No	
ID OF-219	1/10/2020	RCP	42	Round	Wingwall	Concrete	Fair	None	Cloudy	No	Pond	None	-	-	Yes	No	Yes	Yes	No	No	No	No	Yes
ID OF-220	1/10/2020	RCP	36	Round	Wingwall	Concrete	Good	None	Cloudy	No	Pond	None	-	-	Yes	No	Yes	Yes	No	No	No	No	Yes
ID OF-548	9/15/2020	RCP	24	Round	Headwall	Stone	Good	None	Clear	No	Stream	None	-	-	None	Yes	No	No	No	No	Trash	No	Yes
ID OF-551	9/15/2020	RCP	24	Round	Pipe End			Damaged	Cloudy	No	Stream	None	-	-	None	Yes	Yes	No	No	Yes	No	No	Yes

Attachment 4: IDDE Progress
Illicit Discharge Removal Report

