

# Year 5 Annual Report

## Massachusetts Small MS4 General Permit

### Reporting Period: July 1, 2022-June 30, 2023

***\*\*Please DO NOT attach any documents to this form. Instead, attach all requested documents to an email when submitting the form. Also ensure any websites included on this form are to publicly accessible sites\*\****

*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, 2022 and June 30, 2023 unless otherwise requested.*

## Part I: Contact Information

Name of Municipality or Organization: Town of Mashpee

EPA NPDES Permit Number: MAR041129

### Primary MS4 Program Manager Contact Information

Name: Catherine Laurent

Title: Director, Department of Public Works

Street Address Line 1: 350 Meetinghouse Road

Street Address Line 2:

City: Mashee

State: MA

Zip Code: 02649

Email: claurent@mashpeema.gov

Phone Number: (508) 539-1420

### Stormwater Management Program (SWMP) Information

SWMP Location (publicly available web address): <https://www.mashpeema.gov/public-works/stormwater-management-program>

Date SWMP was Last Updated: June 2023

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>

### Impairment(s)

- ☐ Bacteria/Pathogens
 ☐ Chloride
 ☐ Nitrogen
 ☒ Phosphorus  
☒ Solids/ Oil/ Grease (Hydrocarbons)/ Metals

### TMDL(s)

- In State:**
☐ Assabet River Phosphorus
 ☒ Bacteria and Pathogen
 ☒ Cape Cod Nitrogen  
☐ Charles River Watershed Phosphorus
 ☐ Lake and Pond Phosphorus  
**Out of State:**
☐ Bacteria/Pathogens
 ☐ Metals
 ☐ Nitrogen
 ☐ Phosphorus

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.

### 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 publicly available website:

- ☒ Updated system map due in year 2 as necessary  
☒ Provided training to employees involved in IDDE program within the reporting period  
☒ Properly stored and disposed of catch basin cleanings and street sweepings so they did not discharge to receiving waters  
☒ All curbed roadways were swept at least once within the reporting period  
☒ Enclosed all road salt storage piles or facilities and implemented winter road maintenance procedures to minimize the use of road salt  
☒ Implemented SWPPPs for all permittee owned or operated maintenance garages, public works yards, transfer stations, and other waste handling facilities

- ☒ Updated inventory of all permittee owned facilities as necessary
- ☒ O&M programs for all permittee owned facilities have been completed and updated as necessary
- ☒ Implemented all maintenance procedures for permittee owned facilities in accordance with O&M programs
- ☒ Implemented program for MS4 infrastructure maintenance to reduce the discharge of pollutants
- ☒ Inspected all permittee owned treatment structures (excluding catch basins)

*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:

All permittee-owned treatment structures were inspected in PY5 with funding assistance from a Massachusetts Stormwater Asset Management grant. A scheduled for BMP retrofit implementation will be completed in PY6.

**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
- ☐ This is not applicable because there are no septic systems present

*\* 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:

BOH septic system education is provided here: <https://www.mashpeema.gov/board-health/faq/septic-system-maintenance-faqs> with link to State info here: <https://www.mass.gov/guides/caring-for-your-septic-system>.

**Nitrogen** (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) that encourages the proper use and disposal of grass clippings and encourages the proper use of slow-release 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)

*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:

The Town swept all municipal streets and parking areas twice per year in PY5. In PY5, 172 miles of the roads were swept in the fall of 2022 and 172.5 miles of roads were swept in Spring of 2023.

**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)

*Structural BMPs*

- ☐ Completed the evaluation of all permittee owned properties identified as presenting retrofit opportunities or areas for structural BMP installation under permit part 2.3.6.d or identified in the Phosphorus Source Identification Report, including: *(select the items of the evaluation that have been completed below)*

- ☐ Next planned infrastructure, resurfacing, or redevelopment activity planned for the property (if applicable) OR planned retrofit date
- ☐ Estimated cost of redevelopment or retrofit BMPs
- ☐ Engineering and regulatory feasibility of redevelopment or retrofit BMPs

- ☐ Completed a listing of planned structural BMPs and a plan and schedule for implementation

- ☒ The BMP list and implementation schedule is attached to the email submission
- ☐ The BMP list and implementation schedule can be found at the following publicly available website:

The BMP Retrofit Inventory Report was completed in PY5 under a Massachusetts AMP grant and can be found here: <https://studio.bluebeam.com/share/k4mxyy>; however, the evaluation and schedule for implementation will be prepared in PY6.



- 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.

- ☐ No BMPs were installed
- ☐ The above referenced BMP information is attached to the email submission
- ☐ The above referenced BMP information can be found at the following publicly available website:

Total estimated phosphorus removed in **lbs/year** from the installed BMPs:

*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:

The Town swept all municipal streets and parking areas twice per year in PY5. In PY5 172 miles of the roads were swept in the fall of 2022 and 172.5 miles of roads were swept in Spring of 2023. The BMP Retrofit Inventory Report was only completed in PY5 with funding from an AMP grant; therefore, the evaluation and schedule for BMP implementation and the tracking of nutrient removal will be completed in PY6.

### **Solids, Oil and Grease (Hydrocarbons), or Metals**

#### Annual Requirements

##### *Good Housekeeping and Pollution Prevention for Permittee Owned Operations*

- ☒ Increased street sweeping frequency of all municipal owned streets and parking lots to a schedule that targets areas with potential for high pollutant loads
- ☒ The street sweeping schedule is attached to the email submission
- ☐ The street sweeping schedule can be found at the following publicly available website:

- ☒ Prioritized inspection and maintenance for catch basins to ensure that no sump shall be more than 50 percent full; Cleaned catch basins more frequently if inspection and maintenance activities indicated excessive sediment or debris loadings

*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:

Street sweeping is contracted by the Town. A map of locations and dates of sweeping is attached to the report email.

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

The Town swept all municipal streets and parking areas twice per year in PY5. In PY5 172 miles of the roads were swept in the fall of 2022 and 172.5 miles of roads were swept in Spring of 2023. 2,157 of the Towns 2,250 catch basins were cleaned in PY5.

Town owned BMPs are located on the Stormwater System Map and are posted online at: <https://mashpee.ma.gov/public-works/stormwater-management-program>.

There are no Town owned BMP's located in the phosphorus-impaired Ashumet Pond Watershed. One new BMP was installed in the phosphorus-impaired Santuit Pond Watershed in PY5.

### 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 Child's River is listed as a Category 5 water body impaired by lead in the 2022 Final List of Integrated of Waters for Massachusetts. This was missed in the last SWMP 2022 update which reported on updates according to the 2018-2020 Final List of Integrated Waters and has been corrected. This is the only water body impaired by metals in the Town of Mashpee. The SWMP 3023 update has been uploaded to the Town's website noting this correction.

## 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:Multimedia Methods for Residents**

Message Description and Distribution Method:

The Town of Mashpee maintains a stormwater webpage with educational information for residents. Educational topics include the proper use of slow-release fertilizers, pet waste management, leaf litter management, and proper care of septic systems. These material were used to meet the requirements per Appendix H for discharge to waters impaired for phosphorus and Appendix F for discharges to waters with TMDL's for bacteria and nitrogen.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

The website was visited 39 times from 39 unique addresses in PY5. This is less than views from PY4.

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:

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#### **BMP:Multimedia Methods for Businesses**

Message Description and Distribution Method:

The Town of Mashpee maintains a stormwater webpage with education information for businesses on topics such as managing grease waste, cleaning up spills, preventing pollution, and winter deicing.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

The website was visited 39 times from 39 unique addresses in PY5. This is less than views from PY4.

Message Date(s): The messages are available all year on the Town's website.

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:

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### **BMP:Multimedia Methods for Construction Developers**

Message Description and Distribution Method:

The Town of Mashpee maintains a stormwater webpage with educational information for construction developers on erosion and sediment control and BMP maintenance.

Targeted Audience: Developers (construction)

Responsible Department/Parties: DPW/ Environmental Oversight Committee

Measurable Goal(s):

The website was visited 39 times from 39 unique addresses in PY5. This is less than views from PY4.

Message Date(s): The messages are available all year on the Town's website.

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:

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### **BMP:Multimedia Methods for Industrial Facilities**

Message Description and Distribution Method:

The Town of Mashpee has very few industrial facilities. However, the Town maintains a stormwater webpage with educational information for automotive facilities on practicing good housekeeping and pollution prevention.

Targeted Audience: Industrial facilities

Responsible Department/Parties: DPW/ Environmental Oversight Committee

Measurable Goal(s):

The website was visited 39 times from 39 unique addresses in PY5. This is less than views from PY4.

Message Date(s): The messages are available all year on the Town's website.

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:

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**BMP:[Message name here]**

Message Description and Distribution Method:

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:

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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 Mashpee Stormwater Task Force met on September 7, 2022 and reviewed the SWMP BMPs and reporting metrics. Updates of measurable goals were provided, but no changes were suggested for the metrics.

Mashpee's Year 5 Stormwater Management Program was presented to the Planning Board at a public meeting on November 16, 2022.

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**:  
Mashpee Household Hazardous Waste Collections were held quarterly in PY5 on 8/20/22, 10/15/22, 4/15/23 and 6/17/23.

### **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**

*Optional: Provide additional status information regarding your map:*

Revisions to the system map were made in PY5 for outfalls following an outfall conditions assessment. Three locations were removed from the inventory as two structures were incorrectly listed as outfalls and one outfall was crushed and abandoned and not functioning. The outfall inventory inspection report is attached to the email and the MS4 system map was updated as part of the SWMP 2023 revisions.

#### **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. Please also include the updated inventory and ranking of outfalls/interconnections based on monitoring results.*

- ☒ No outfalls were inspected
- ☐ The above referenced outfall screening data is attached to the email submission
- ☐ The above referenced outfall screening data can be found at the following publicly available website:

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

Number of outfalls screened:



*Below, report on the percent of outfalls/interconnections screened **to date**.*

Percent of outfalls screened:

*Optional:* Provide additional information regarding your outfall/interconnection screening:

Outfall screening has been completed and no additional outfalls created. All outfalls were reinspected to verify connectivity and for a general condition assessment. Three locations were removed from the outfall inventory due to reclassification.

### **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.*

- ☒ No catchment investigations were conducted
- ☐ The catchment investigation data is attached to the email submission
- ☐ The catchment investigation data can be found at the following publicly available 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:

### **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.*

- ☒ No illicit discharges were found
- ☐ The illicit discharge removal report is attached to the email submission
- ☐ The illicit discharge removal report can be found at the following publicly available website:

Board of Health and the DPW confirmed that no illicit discharge were identified since the effective date of the permit.

*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 this reporting period:**

IDDE, SWPPP and SPCC training was completed in PY5 on 6/27/23. A sign-in sheet for the training is attached to the email.

### **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:

The Town reviewed 2 subdivisions, 1 commercial special permit project and 1 residential project. Two additional projects were referred to the Cape Cod Commission for DRI review and subsequently withdrawn. Enforcement actions were taken at the Ockway Highlands Subdivision and a Sherwin Williams store location, both of which were successfully resolved.

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

**Ordinance or Regulatory Mechanism**

Date update was completed (due in year 3): Spring Town Meeting 2021

Website of ordinance or regulatory mechanism: [https://www.mashpeeema.gov/sites/g/files/vyhlf3426/f/uploads/2021\\_town\\_code.pdf](https://www.mashpeeema.gov/sites/g/files/vyhlf3426/f/uploads/2021_town_code.pdf)

**As-built Drawings**

*Below, report on the number of as-built drawings received **during this reporting period**.*

Number of as-built drawings received: 2

*Optional:* Enter any additional information relevant to the submission of as-built drawings:

**Street Design and Parking Lots Report**

Below, describe any changes made or planned to be made to local regulations and guidelines based on the report completed in Year 4:

No changes were made to the bylaws in PY5.

**Green Infrastructure Report**

Below, describe progress towards making green infrastructure practices allowable based on the report completed in Year 4:

No changes on green infrastructure practices were made in PY5.

**Retrofit Properties Inventory**

Below, list remaining permittee-owned properties that could be modified or retrofitted with BMPs to mitigate impervious areas (must maintain a minimum of 5 sites in inventory until less than 5 sites remain):

1. Santuit Pond Boat Ramp, 117 Timberlane Dr
2. Attaquin Park and Beach, 35 Lake Ave

3. Quashnet Elementary, 152 Old Barnstable Rd
4. Department of Public Works, 350 Meetinghouse Rd
5. Kids Club, 501 Great Neck Rd North
6. Town Archive, 13 Great Neck Rd North
7. Town Hall, 16 Great Neck Rd North
8. Frank E. Hicks Drive, 107 Nathan Ellis Hwy
9. Town Beach at South Cape, 500 Beach Great Oad Rd
10. Harbor Master Office, 88 Seconsett Island Rd

Below, list all properties that have been modified or retrofitted with BMPs to mitigate impervious area that were inventoried as part of 2.3.6.d of the permit. Non-MS4 owned properties that have been modified or retrofitted with BMPs to mitigate impervious area may also be listed, but must be indicated as non-MS4.

A BMP installation project was completed at 95 Timberlane Dr in PY5. This Town-owned parcel was included in the BMP retrofit desktop evaluation, but was not further evaluated or included in the final inventory because it was a completely undeveloped parcel with no impervious area to mitigate. The Town completed the work as follow up to an MVP grant project on increasing resilience to harmful algal blooms in Santuit Pond and the BMP addresses stormwater from the roadway. A photo of the completed BMP is attached to this email.

## 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:

### 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:  [Select Units]
- ☐ Weight of material removed:  [Select Units]

### **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:

No corrective action was required. The inspection reports are attached to this email.

## **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 publicly available website(s):

1. <https://studio.bluebeam.com/share/n4qmqy>
2. <https://studio.bluebeam.com/share/m4ayan>
3. <https://studio.bluebeam.com/share/bm34ej>
4. <https://studio.bluebeam.com/share/vn9yoq>
5. <https://studio.bluebeam.com/share/abn4bd>
6. <https://www.mashpeema.gov/natural-resources/mvp-grant-award-watershed-based-solutions-increase-resilience-harmful-algal-blooms>

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:

1. Santuit Pond Feasibility Study 2/22. Interim Recommendations for Water Quality Improvements
2. Santuit Pond Sediment Analysis 9/2021 Sediment Sampling and Testing in support of Project Design
3. Mashpee Lakes & Pond Plankton Summary 9/2022. Excel file
4. Mashpee Wampanoag Tribal Council Nutrient Brief - Recommendations for In-Pond Solutions to address

Water Quality Issues for Santuit Pond 9/27/2023

5. Maspee Wakeby Diagnostic Study- Year 1 Update Memo 1/26/23

6. MVP Action Grant Case Study- Increasing Resilience to Harmful Algal Blooms in Santuit Pond- Stormwater Retrofit Implementation Phase 1 6/30/23

### **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. If any of the above year 5 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:

The Mashpee BMP Retrofit Inventory Report is available at the following link: <https://studio.bluebeam.com/share/k4mxyy>. The schedule for implementation will be developed in PY6.

### **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 6 requirements summarized below. (Note: impaired waters and TMDL requirements are not listed below)

Yes, I agree ☒

#### **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 curbed streets at least annually
- Continue investigations of catchments associated with Problem Outfalls
- Implemented SWPPPs for all permittee owned or operated maintenance garages, public works yards, transfer stations, and other waste handling facilities
- 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
- Review O&M programs for all permittee owned facilities; update if necessary
- Implement all maintenance procedures for permittee owned facilities in accordance with O&M programs

- Implement program for MS4 infrastructure maintenance to reduce the discharge of pollutants
- Enclose all road salt storage piles or facilities and implemented winter road maintenance procedures to minimize the use of road salt
- Review as-built drawings for new and redevelopment to ensure compliance with post construction bylaws, regulations, or regulatory mechanism consistent with permit requirements
- Inspect all permittee owned treatment structures (excluding catch basins)
- Identify additional permittee-owned properties that could potentially be modified or retrofitted with BMPs to reduce impervious areas so that the permittee maintains a minimum of 5 sites in their inventory, until such a time when the permittee has less than 5 sites remaining

Provide any additional details on activities planned for permit year 6 below:

The Town acknowledges Permit Year 6 requirements listed above and will complete as many activities as possible based on funding and staff availability.



## Part V: Certification of Small MS4 Annual Report 2023

### **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.

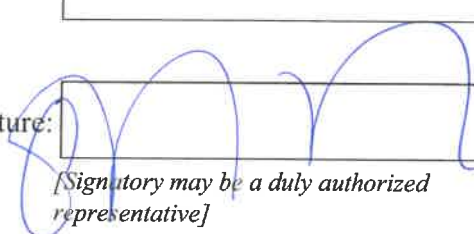
Name:

Rodney C. Collins

Title:

Town Manager

Signature:



*[Signatory may be a duly authorized representative]*

Date:

9/28/23

## Mashpee NPDES Permit Year 5 Stormwater Management Task Force Review

**ATTENDEES:** Catherine Laurent, DPW Director  
Mashpee Stormwater Task Force (see sign in)  
Jessica Cajigas-Smith & Gabrielle Belfit, Tighe & Bond

**LOCATION:** Mashpee Town Hall/Remote

**DATE:** September 22, 2023

**START TIME:** 9:00 AM

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1. Welcome and Meeting Goals, Permit Year 5 Review and Annual Report
  2. Final PY5 Deliverables (10 minutes)
    - a. Stormwater Best Management Practices Retrofit Report
    - b. Culvert and BMP Inspections
  3. PY5 Annual Report (40 minutes)
    - a. Discussion of Annual Report self-assessment
    - b. Report back from Stormwater Management Task Force on measurable goals \*
  4. Permit Year 6 Requirements (10 minutes)
    - a. Discussion of Permit Year 6 requirements

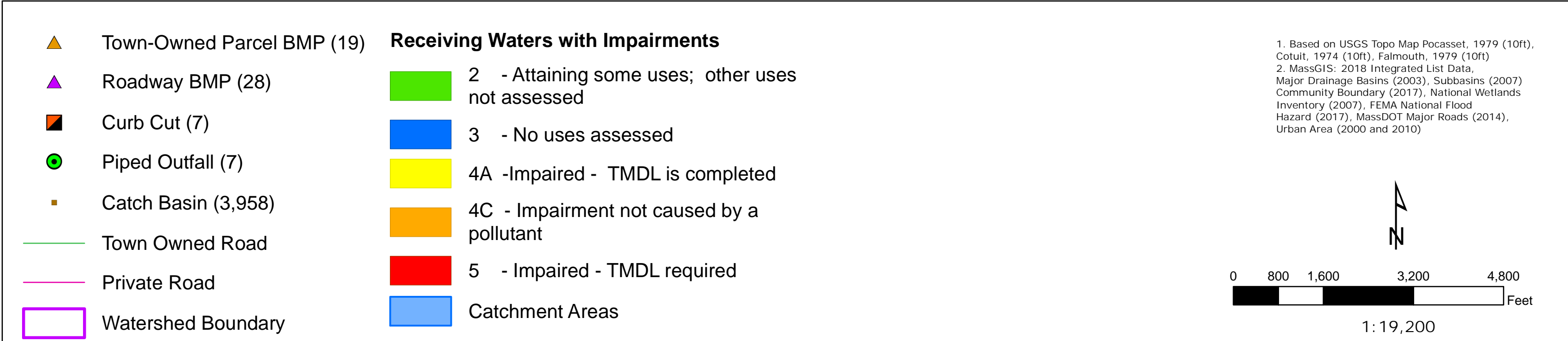
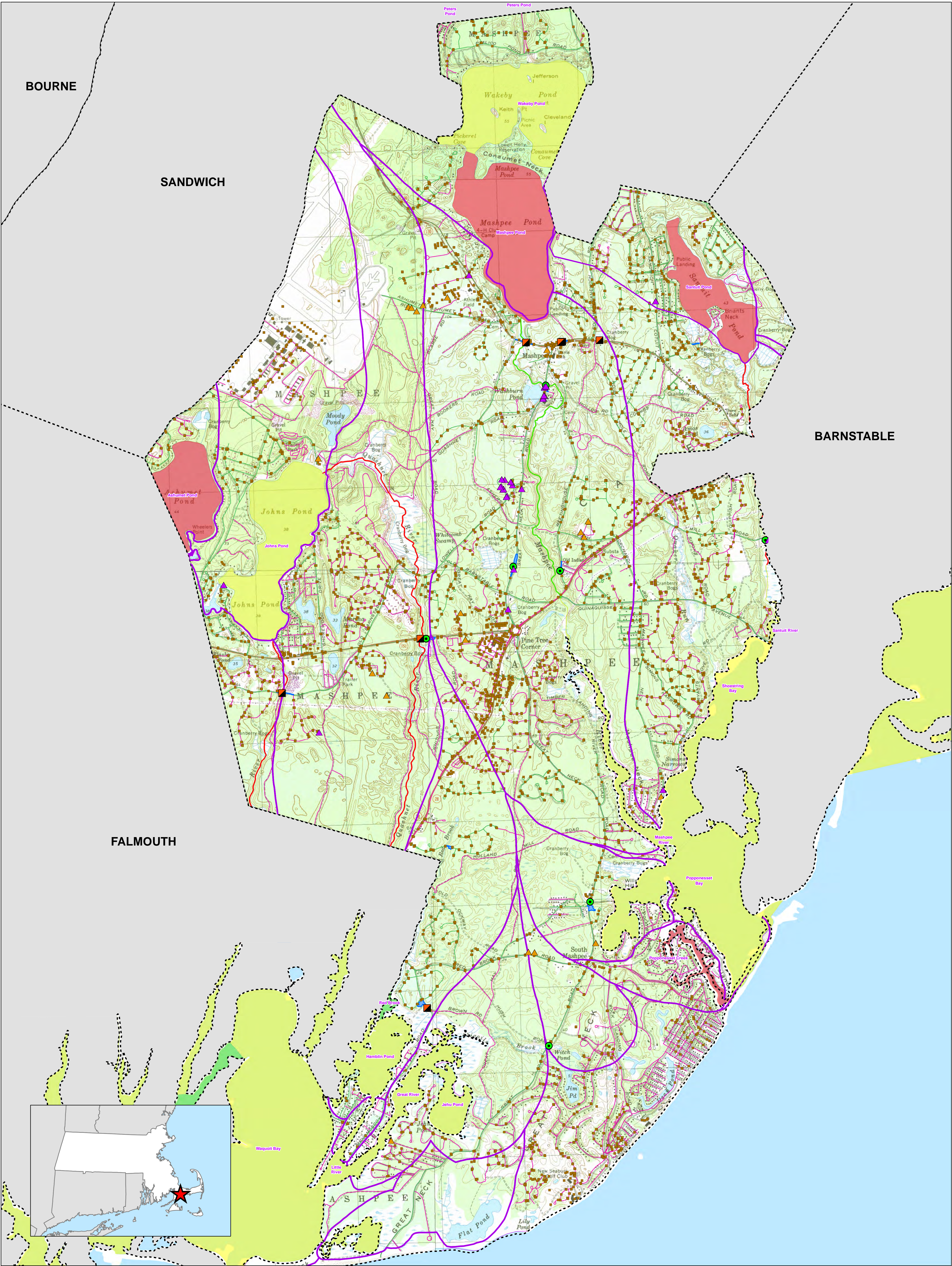
\*Responsible parties for each BMP are listed below:

- a. BMPs 1A-1C, 1E: DPW/Environmental Oversight Committee
- b. BMP 1D: Department of Public Works
- c. BMPs 2A and 2C: Department of Public Works
- d. BMP 2B: All Town Departments, Boards and Committees
- e. BMP 3A: Board of Health/Department of Public Works
- f. BMPs 3B-3E: Department of Public Works
- g. BMPs 4A-4B: Planning Board
- h. BMPs 5A-5D: Planning Board
- i. BMP 6A: Department of Public Works/Conservation Commission
- j. BMPs 6B-6D: Department of Public Works

**ATTENDEES:** Town of Mashpee Stormwater Task Force**LOCATION:** Mashpee Town Hall**DATE:** September 22, 2023**START TIME:** 9:00 AM

Name	Title	Signature
Catherine Laurent	Mashpee DPW Director	attending
Andrew McManus	Mashpee Conservation Agent	attending
Evan Lehrer	Mashpee Town Planner	attending
Christine Willander	Mashpee Health Agent Assistant	
Ashley Fisher	Mashpee Natural Resource Director	
David Morris	Mashpee Building Commissioner	
Chris Gallagher	Mashpee Town Engineer	
Jessica Cajigas-Smith	Tighe & Bond (remote)	attending
Gabrielle Belfit	Tighe & Bond (remote)	attending





STORM DRAIN SYSTEM

Illicit Discharge Detection & Elimination

Mashpee, Massachusetts

September 2023

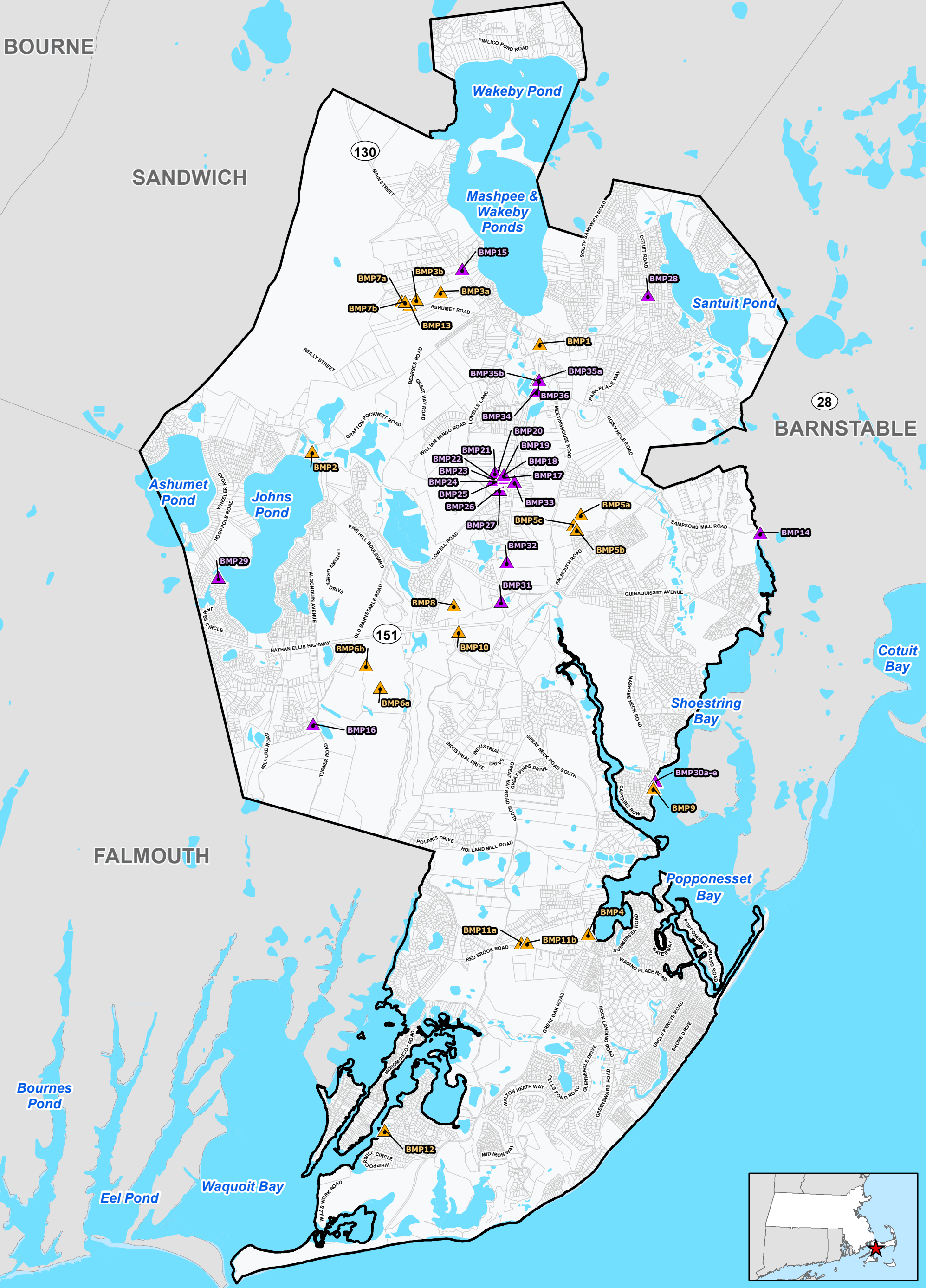


BOURNE

SANDWICH

BARNSTABLE

FALMOUTH

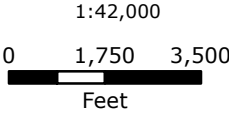


LEGEND

- Town-Owned Parcel BMP
- Roadway BMP
- Mashpee Parcel
- Water Body
- Town Boundary

Tighe & Bond

1. Parcel data (FY22) courtesy of MassGIS and are approximate.



TOWN-OWNED  
BMP INSPECTIONS

Mashpee, Massachusetts

June 2023

Piped Outfall ID:	Location:	Land Use in Drainage Area	SECTION 2: Outfall Description	Outfall Shape	Outfall Material	Diameter/ Dimensions	Slope	Submerged in Water:	Submerged in Sediment:	Pipe Condition	Outlet Structure	In-Stream?	Is Flow Present?	SECTION 3: Quantitative Characterization	SECTION 4: Are any Physical Indicators Present in the Flow?	Section 5: Are physical indicators that are not related to flow present?	SECTION 6: Overall Outfall Characterization as an Illicit Discharge	Section 7: Data Collection	Maintenance/ Report Needed	Notes
UMR-7	82 Great Neck Road	commercial/ institutional	single	box	RCP	8	flat	no	no	good	headwall	no	no	no	no	no	unlikely	no	no	Small RCP next to culvert at Mashpee River. Outfall is connected to two catch basins in street, on the west and east sides of Great Neck Rd N.
UMR-8	310 Main Street	commercial/ institutional	unknown	unknown	unknown	unknown	flat	fully	no	Other	headwall	no	no	no	no	no	unlikely	no	yes	Could not access as outfall was fully submerged in water. Catch basins in street opened and are not connected. DPW said that this pipe was installed to manage ground water levels and flooding from nearby Besse Bog. This is not an outfall.
SR-1	66 Shields Road	residential	single	circular	CMP	8	moderate	no	no	crushed	headwall	no	no	no	no	no	unlikely	no	no	No infrastructure was observed on this recently paved road. No connectivity or signs of water flow near/below this pipe were observed. This outfall has been abandoned.
CMR-5	410 Meetinghouse Road	residential	single	circular	RCP	12	flat	no	no	good	headwall	no	no	no	no	no	unlikely	no	no	Outfall is connected to a catch basin on the east side of Meetinghouse road. There are no other structures connected.
CMR-1	457 Great Neck North	residential	single	circular	HDPE	12	flat	no	no	good	no outfall protection	no	no	no	no	no	unlikely	no	no	Outfall is connected to a catch basin on the west side of Great Neck Rd N. There are no other structures connected. Heavy vegetation surrounding outfall, but pipe is in good condition
UQR-1	Nathan Ellis Highway	commercial/ institutional	single	circular	RCP	12	steep	no	no	good	headwall	no	no	no	no	no	unlikely	no	no	Outfall is connected to a solid catch basin on the north side of Nathan Ellis Hwy and a leaching catch basin on the south side of Nathan Ellis Hwy. The outfall receives overflow from the leaching catch basin. Catch basin in street is in critical condition, but the road is under construction and will be replaced soon. DPW notified.
RB-1	Polaris Drive	residential	N/A	N/A	N/A	N/A	flat	no	no	N/A	N/A	yes, from culvert	no	no	no	no	unlikely	no	no	Could not locate an outfall. There is only a culvert at this location. Photos from 2019 Outfall Investigation were compared to culvert inspection photos, and structure is a culvert. No outfall present.
OB-1	577 Great Neck Road S	commercial/ institutional	single	circular	CMP	8	steep	no	no	good	no outfall protection	no	no	no	no	no	unlikely	no	no	Outfall is located on a steep slope next to the Cape Cod Children's Museum parking lot and is connected to a catch basin in the Museum property entrance driveway.
JP-1	Great Oak Road	commercial/ institutional	single	circular	ABS	8	flat	no	partially	good	no outfall protection	no	no	no	no	no	unlikely	no	no	Outfall is connected to a solid catch basin on the west side of Great Oak Rd and a leaching basin with manhole cover on the east side of Great Oak Rd. The outfall receives overflow from the leaching basin and discharges to Abigail's Brook.
SR-2	Sampson Mill Road at Santuit River	residential	9 pipes	circular	PVC	4	moderate	no	no	good	headwall	no	no	no	no	no	unlikely	no	no	A 6-inch PVC pipe is located on the left side of the culvert (C5SR) on the downstream side and there are 8 6-inch PVC pipes inside the culvert. Outfalls are connected to a catch basin on the northwest side of the road and culvert, a catch basin on the southwest side of the road and culvert, and a structure with a manhole cover on the south side of the guardrail. The outfalls receives flow from the manhole structure.






BMP installed at 95 Timberlane in Mashpee, MA.



# QUARTERLY INSPECTION FORM

**Tighe & Bond**

General Information	
<b>Date of Inspection:</b> 7/21/22	<b>Time of Inspection:</b> 7:00 AM
<b>Name and Title of Inspector(s):</b> Catherine Laurent, DPW Director	
<b>Contact Information of Inspector:</b> claurent@mashpeema.gov	
<b>Signature of Inspector:</b> 	
<b>Inspection Period:</b> <i>Inspections shall be conducted at least once each calendar quarter. At least one of the quarterly inspections shall occur during a period when a stormwater discharge is occurring.</i>	
<input checked="" type="checkbox"/> 1 <sup>st</sup> Quarter (July - September) <input type="checkbox"/> 3 <sup>rd</sup> Quarter (January - March)	
<input type="checkbox"/> 2 <sup>nd</sup> Quarter (October - December) <input type="checkbox"/> 4 <sup>th</sup> Quarter (April - June)	
Weather Information	
<b>Weather at time of this inspection:</b>	
<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Cloudy <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Fog <input type="checkbox"/> Snow <input type="checkbox"/> High Winds	
<input type="checkbox"/> Other:	
<b>Temperature:</b> 76°F	
Discharge Information	
<b>Have any previously unidentified discharges of pollutants from the site occurred since the last inspection?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>If yes, describe:</b>	
<b>Are there any discharges occurring at the time of inspection?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>If yes, describe:</b>	

# QUARTERLY INSPECTION FORM

**Tighe & Bond**

## Control Measures Needing Maintenance or Repairs

Structural Control Measure	Specific Inspection Notes	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (Identify needed maintenance and repairs, or any failed control measures that need replacement)
Catch Basins (4)	<p>Are any more than 50% full (approx.) of material? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, clean ASAP.</i></p> <p>Are any of the follow present?</p> <ul style="list-style-type: none"> <li>• Sewage odor <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</li> <li>• Suds <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</li> <li>• Bulk material/trash <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</li> </ul> <p>Any structural issues? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Indicate CBs requiring corrective action on Site Plan.

## Areas of Industrial Materials or Activities Exposed to Stormwater

Area/Activity	Inspected?	Specific Inspection Notes	Controls Adequate?	Corrective Action Needed and Notes
Material loading/unloading and stockpile areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>Waste, debris on ground <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>General cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Equipment storage areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>General cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Solid waste handling and disposal areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>General cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

# QUARTERLY INSPECTION FORM

Tighe & Bond

Area / Activity	Inspected?	Specific Inspection Notes	Controls Adequate?	Corrective Action Needed and Notes
Fueling areas	<input type="checkbox"/> Yes <input type="checkbox"/> No	<p>Traces of fuel on the ground <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Waste, debris on ground <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>General cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>SPRINKLED ON GROUND - SWEEP UP AND DISPOSE OF</p>
Equipment operations and maintenance areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>Traces of fuel on the ground <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Waste, debris on ground <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>General cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Salt Storage Sheds	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>Salt on ground outside shed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>General cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

## Overall Site Walkthrough

Any signs of spill or leaks ☐ Yes ☒ No  
Any erosion problems ☐ Yes ☒ No  
Any housekeeping problems ☐ Yes ☒ No  
Comments:

**Additional Control Measures**

Describe any additional control measures needed to reduce potential for pollution or improve good housekeeping:


**Other Notes**

Use this space and the Site Plan for any additional notes or observations from the inspection:

**QUARTERLY SITE INSPECTION FORM**

MASHPEE TRANSFER STATION

**Tighe&Bond**

General Information	
Date of Inspection: 7/24/22	Time of Inspection: 7:30 AM
Name and Title of Inspector(s): Catherine Laurent, DPW Director	
Contact Information of Inspector: claurent@mashpeema.gov	
Signature of Inspector: 	
<b>Inspection Period:</b> <i>Inspections shall be conducted at least once each calendar quarter. More frequent inspections may be required if significant activities are exposed to stormwater.</i>	
<input type="checkbox"/> 1 <sup>st</sup> Quarter (January through March)	<input type="checkbox"/> 2 <sup>nd</sup> Quarter (April through June)
<input checked="" type="checkbox"/> 3 <sup>rd</sup> Quarter (July through September)	<input type="checkbox"/> 4 <sup>th</sup> Quarter (October through December)
Weather Information	
<b>Weather at time of this inspection?</b>	
<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Cloudy <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Fog <input type="checkbox"/> Snow <input type="checkbox"/> High Winds	
<input type="checkbox"/> Other:	Temperature: 76°F
Discharge Information	
<b>Have any previously unidentified discharges of pollutants from the site occurred since the last inspection?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If yes, describe:	
<b>Are there any discharges occurring at the time of inspection?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If yes, describe:	

**QUARTERLY SITE INSPECTION FORM**  
**MASHPEE TRANSFER STATION**

**Tighe & Bond**

**Control Measures Needing Maintenance or Repairs**

Structural Control Measure	Specific Inspection Notes	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (Identify needed maintenance and repairs, or any failed control measures that need replacement)
Catch basins (3)	<p>Are any sumps more than 50% full (approx.) of material <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Are any hoods missing <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Are any of the following present:</p> <ul style="list-style-type: none"> <li>• sewage odor <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</li> <li>• suds <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</li> <li>• pet waste baggies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</li> </ul> <p>Any structural issues <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	

**Areas of Industrial Materials or Activities Exposed to Stormwater**

Area/Activity	Inspected?	Specific Inspection Notes	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed and Notes
Material loading/unloading and storage areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>Waste, debris on ground Dumpsters/area <input checked="" type="checkbox"/> good condition <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>General cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

# **QUARTERLY SITE INSPECTION FORM** **MASHPEE TRANSFER STATION**

**Tighe & Bond**

Area / Activity	Inspected?	Specific Inspection Notes	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed and Notes
Equipment operations and maintenance areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Fueling areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>Spots, pools or other traces of diesel fuel on the ground  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Waste, debris, on ground  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>General Cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad</p> <p>Other comments:</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Waste handling and disposal areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	



# QUARTERLY SITE INSPECTION FORM

MASHPEE TRANSFER STATION

**Tighe & Bond**

Area/Activity	Inspected?	Specific Inspection Notes	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed and Notes
Salt storage pile	<input type="checkbox"/> Yes <input type="checkbox"/> No  NOT APPLICABLE	Large quantity of salt on ground outside shed <input type="checkbox"/> Yes <input type="checkbox"/> No  General cleanliness <input type="checkbox"/> Good <input type="checkbox"/> Bad  Other comments:	<input type="checkbox"/> Yes <input type="checkbox"/> No	

## Overall Site Walkthrough

Any signs of spill or leaks ☐ Yes ☒ No  
 Any erosion problems ☐ Yes ☒ No  
 Any housekeeping problems ☐ Yes ☒ No

Comments:

REMOVE SAND BUILDUP AT WATERWAY TO CB AT WORKER

## Additional Control Measures


Describe any additional control measures needed to reduce potential for pollution or improve good housekeeping:

## Other Notes

Use this space for any additional notes or observations from the inspection:

# QUARTERLY INSPECTION FORM

**Tighe&Bond**

General Information	
<b>Date of Inspection:</b> 11-3-22	<b>Time of Inspection:</b> 9:45 AM
<b>Name and Title of Inspector(s):</b> Catherine Laurent, DPW Director	
<b>Contact Information of Inspector:</b> claurent@mashpeema.gov	
<b>Signature of Inspector:</b> 	
<b>Inspection Period:</b> <i>Inspections shall be conducted at least once each calendar quarter. At least one of the quarterly inspections shall occur during a period when a stormwater discharge is occurring.</i>	
<input type="checkbox"/> 1 <sup>st</sup> Quarter (July - September) <input checked="" type="checkbox"/> 2 <sup>nd</sup> Quarter (October - December)	<input type="checkbox"/> 3 <sup>rd</sup> Quarter (January - March) <input type="checkbox"/> 4 <sup>th</sup> Quarter (April - June)
Weather Information	
<b>Weather at time of this inspection:</b> <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Cloudy <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Fog <input type="checkbox"/> Snow <input type="checkbox"/> High Winds <input type="checkbox"/> Other:	
<b>Temperature:</b> 56°F	
Discharge Information	
<b>Have any previously unidentified discharges of pollutants from the site occurred since the last inspection?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  <b>If yes, describe:</b>	
<b>Are there any discharges occurring at the time of inspection?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  <b>If yes, describe:</b>	

# QUARTERLY INSPECTION FORM

**Tighe & Bond**

## Control Measures Needing Maintenance or Repairs

Structural Control Measure	Specific Inspection Notes	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (Identify needed maintenance and repairs, or any failed control measures that need replacement)
Catch Basins (4)	<p>Are any more than 50% full (approx.) of material? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, clean ASAP.</i></p> <p>Are any of the follow present?</p> <ul style="list-style-type: none"> <li>• Sewage odor <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</li> <li>• Suds <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</li> <li>• Bulk material/trash <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</li> </ul> <p>Any structural issues? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	<p>Indicate CBs requiring corrective action on Site Plan.</p>

## Areas of Industrial Materials or Activities Exposed to Stormwater

Area/Activity	Inspected?	Specific Inspection Notes	Controls Adequate?	Corrective Action Needed and Notes
Material loading/unloading and stockpile areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>Waste, debris on ground <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>General cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Equipment storage areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>General cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Solid waste handling and disposal areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>General cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

# QUARTERLY INSPECTION FORM

**Tighe & Bond**

Area / Activity	Inspected?	Specific Inspection Notes	Controls Adequate?	Corrective Action Needed and Notes
Fueling areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>Traces of fuel on the ground <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Waste, debris on ground <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>General cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Equipment operations and maintenance areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>Traces of fuel on the ground <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Waste, debris on ground <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>General cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Salt Storage Sheds	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>Salt on ground outside shed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>General cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

## Overall Site Walkthrough

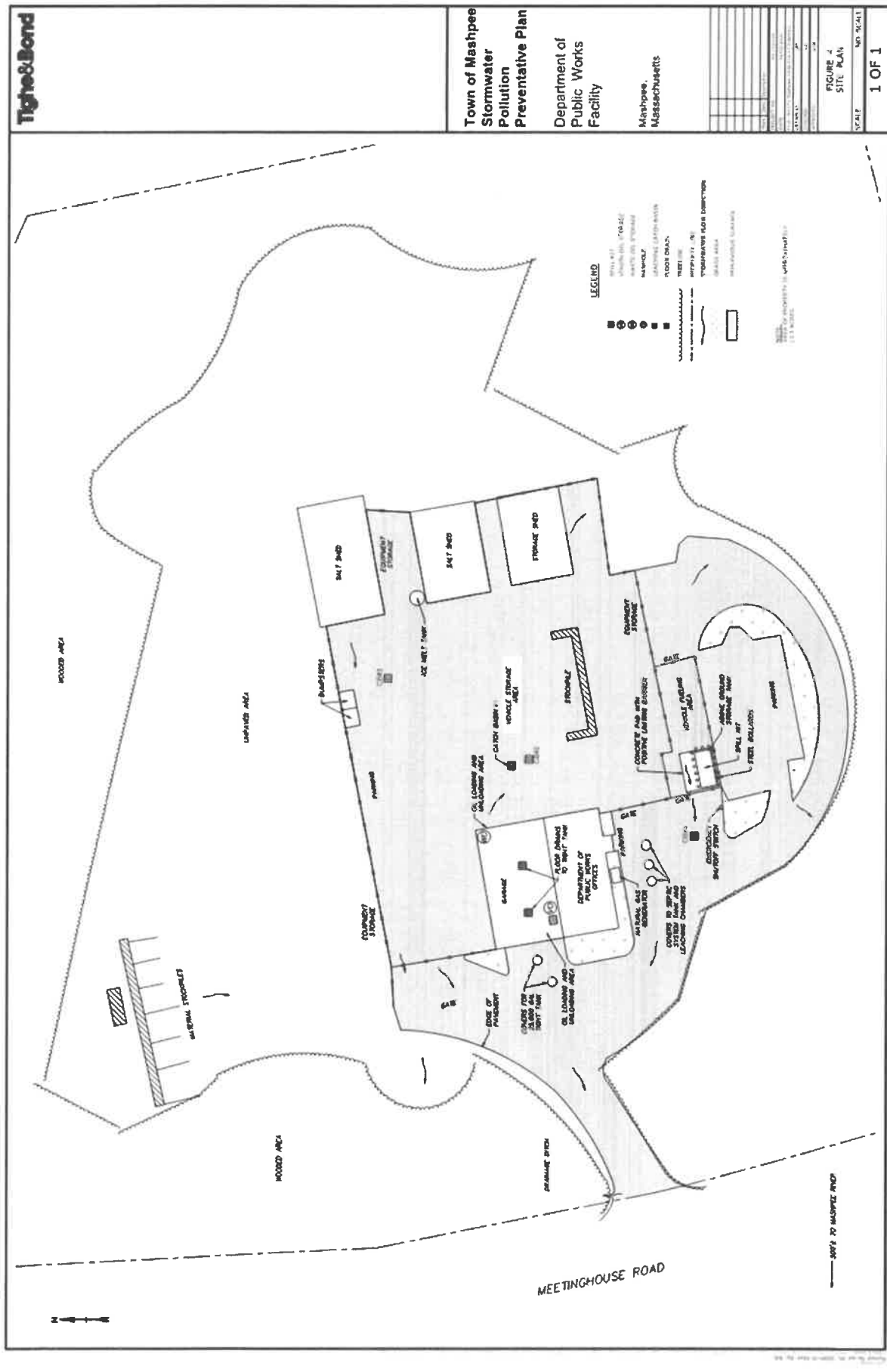
Any signs of spill or leaks ☐ Yes ☒ No  
Any erosion problems ☐ Yes ☒ No  
Any housekeeping problems ☐ Yes ☒ No  
Comments:

**Additional Control Measures**

Describe any additional control measures needed to reduce potential for pollution or improve good housekeeping:

**Other Notes**


Use this space and the Site Plan for any additional notes or observations from the inspection:



**QUARTERLY SITE INSPECTION FORM**

MASHPEE TRANSFER STATION

**Tighe&Bond**

General Information	
Date of Inspection: 11/3/22	Time of Inspection: 9:20 AM
Name and Title of Inspector(s): Catherine Laurent, DPW Director	
Contact Information of Inspector: claurent@mashpeema.gov	
Signature of Inspector: 	
<b>Inspection Period?</b> <i>Inspections shall be conducted at least once each calendar quarter. More frequent inspections may be required if significant activities are exposed to stormwater.</i>	
<input type="checkbox"/> 1 <sup>st</sup> Quarter (January through March)	<input type="checkbox"/> 2 <sup>nd</sup> Quarter (April through June)
<input type="checkbox"/> 3 <sup>rd</sup> Quarter (July through September)	<input checked="" type="checkbox"/> 4 <sup>th</sup> Quarter (October through December)
Weather Information	
<b>Weather at time of this inspection?</b>	
<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Cloudy <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Fog <input type="checkbox"/> Snow <input type="checkbox"/> High Winds	
<input type="checkbox"/> Other:	Temperature: 52° F
Discharge Information	
<b>Have any previously unidentified discharges of pollutants from the site occurred since the last inspection?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If yes, describe:	
<b>Are there any discharges occurring at the time of inspection?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If yes, describe:	

**QUARTERLY SITE INSPECTION FORM**  
MASHPEE TRANSFER STATION

**Tighe & Bond**

**Control Measures Needing Maintenance or Repairs**

Structural Control Measure	Specific Inspection Notes	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
Catch basins (3)	<p>Are any sumps more than 50% full (approx.) of material <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Are any hoods missing <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Are any of the following present:</p> <ul style="list-style-type: none"> <li>• sewage odor <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</li> <li>• suds <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</li> <li>• pet waste baggies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</li> </ul> <p>Any structural issues <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	

**Areas of Industrial Materials or Activities Exposed to Stormwater**

Area/Activity	Inspected?	Specific Inspection Notes	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed and Notes
Material loading/unloading and storage areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>Waste, debris on ground Dumpsters/area in good condition <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>General cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	



**QUARTERLY SITE INSPECTION FORM**  
**MASHPEE TRANSFER STATION**

**Tighe & Bond**

Area / Activity	Inspected?	Specific Inspection Notes	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed and Notes
Equipment operations and maintenance areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Fueling areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Spots, pools or other traces of diesel fuel on the ground <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Waste, debris, on ground <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No General Cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad Other comments:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Waste handling and disposal areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CLEAN "PIT" (TRASH AROUND TRAILER)

# QUARTERLY SITE INSPECTION FORM

MASHPEE TRANSFER STATION

Tighe & Bond

Area / Activity	Inspected?	Specific Inspection Notes	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed and Notes
Salt storage pile  N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Large quantity of salt on ground outside shed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  General cleanliness <input type="checkbox"/> Good <input checked="" type="checkbox"/> Bad  Other comments:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

## Overall Site Walkthrough

Any signs of spill or leaks ☐ Yes ☒ No  
Any erosion problems ☐ Yes ☒ No  
Any housekeeping problems ☐ Yes ☒ No  
  
Comments:

## Additional Control Measures

Describe any additional control measures needed to reduce potential for pollution or improve good housekeeping:


## Other Notes

Use this space for any additional notes or observations from the inspection:

**QUARTERLY SITE INSPECTION FORM**

MASHPEE TRANSFER STATION

**Tighe&Bond**

General Information	
Date of Inspection: 2/2/23	Time of Inspection: 3 pm
Name and Title of Inspector(s): Catherine Laurent, DPW Director	
Contact Information of Inspector: claurent@mashpeema.gov	
Signature of Inspector: 	
<b>Inspection Period?</b> <i>Inspections shall be conducted at least once each calendar quarter. More frequent inspections may be required if significant activities are exposed to stormwater.</i>	
<input checked="" type="checkbox"/> 1 <sup>st</sup> Quarter (January through March)	<input type="checkbox"/> 2 <sup>nd</sup> Quarter (April through June)
<input type="checkbox"/> 3 <sup>rd</sup> Quarter (July through September)	<input type="checkbox"/> 4 <sup>th</sup> Quarter (October through December)
Weather Information	
<b>Weather at time of this inspection?</b>	
<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Cloudy <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Fog <input type="checkbox"/> Snow <input checked="" type="checkbox"/> High Winds	
<input type="checkbox"/> Other:	Temperature: 34°F
Discharge Information	
<b>Have any previously unidentified discharges of pollutants from the site occurred since the last inspection?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If yes, describe:	
<b>Are there any discharges occurring at the time of inspection?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If yes, describe:	

**QUARTERLY SITE INSPECTION FORM**  
**MASHPEE TRANSFER STATION**

**Tighe & Bond**

**Control Measures Needing Maintenance or Repairs**

Structural Control Measure	Specific Inspection Notes	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (Identify needed maintenance and repairs, or any failed control measures that need replacement)
Catch basins (3)	<p>Are any sumps more than 50% full (approx.) of material <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Are any hoods missing <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Are any of the follow present:</p> <ul style="list-style-type: none"> <li>• sewage odor <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</li> <li>• suds <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</li> <li>• pet waste baggies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</li> </ul> <p>Any structural issues <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	

**Areas of Industrial Materials or Activities Exposed to Stormwater**

Area/Activity	Inspected?	Specific Inspection Notes	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed and Notes
Material loading/unloading and storage areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>Waste, debris on ground Dumpsters/area in good condition <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>General cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

**QUARTERLY SITE INSPECTION FORM**  
**MASHPEE TRANSFER STATION**

**Tight & Bond**

Area / Activity	Inspected?	Specific Inspection Notes	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed and Notes
Equipment operations and maintenance areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Fueling areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Spots, pools or other traces of diesel fuel on the ground <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Waste, debris, on ground <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No General Cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad Other comments:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Waste handling and disposal areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

**QUARTERLY SITE INSPECTION FORM**  
**MASHPEE TRANSFER STATION**

**Tighe & Bond**

Area / Activity	Inspected?	Specific Inspection Notes	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed and Notes
Salt storage pile  N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Large quantity of salt on ground outside shed <input type="checkbox"/> Yes <input type="checkbox"/> No  General cleanliness <input type="checkbox"/> Good <input type="checkbox"/> Bad  Other comments:	<input type="checkbox"/> Yes <input type="checkbox"/> No	

**Overall Site Walkthrough**

Any signs of spill or leaks ☐ Yes ☒ No  
Any erosion problems ☐ Yes ☒ No  
Any housekeeping problems ☐ Yes ☒ No  
Comments:

**Additional Control Measures**

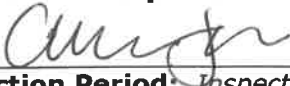
Describe any additional control measures needed to reduce potential for pollution or improve good housekeeping:

**Other Notes**

Use this space for any additional notes or observations from the inspection:

# QUARTERLY INSPECTION FORM

**Tighe&Bond**

General Information	
<b>Date of Inspection:</b> 2/2/23	<b>Time of Inspection:</b> 3:30 pm
<b>Name and Title of Inspector(s):</b> Catherine Laurent, DPW Director	
<b>Contact Information of Inspector:</b> claurent@mashpeema.gov	
<b>Signature of Inspector:</b> 	
<b>Inspection Period:</b> <i>Inspections shall be conducted at least once each calendar quarter. At least one of the quarterly inspections shall occur during a period when a stormwater discharge is occurring.</i>	
<input type="checkbox"/> 1 <sup>st</sup> Quarter (July - September)	<input checked="" type="checkbox"/> 3 <sup>rd</sup> Quarter (January - March)
<input type="checkbox"/> 2 <sup>nd</sup> Quarter (October - December)	<input type="checkbox"/> 4 <sup>th</sup> Quarter (April - June)
Weather Information	
<b>Weather at time of this inspection:</b> <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Cloudy <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Fog <input type="checkbox"/> Snow <input checked="" type="checkbox"/> High Winds <input type="checkbox"/> Other:	
<b>Temperature:</b> 34°F	
Discharge Information	
<b>Have any previously unidentified discharges of pollutants from the site occurred since the last inspection?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <b>If yes, describe:</b>	
<b>Are there any discharges occurring at the time of inspection?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <b>If yes, describe:</b>	

# QUARTERLY INSPECTION FORM

**Tighe & Bond**

## Control Measures Needing Maintenance or Repairs

Structural Control Measure	Specific Inspection Notes	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (Identify needed maintenance and repairs, or any failed control measures that need replacement)
Catch Basins (4)	<p>Are any more than 50% full (approx.) of material? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, clean ASAP.</p> <p>Are any of the follow present?</p> <ul style="list-style-type: none"> <li>Sewage odor <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</li> <li>Suds <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</li> <li>Bulk material/trash <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</li> </ul> <p>Any structural issues? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Indicate CBs requiring corrective action on Site Plan.

## Areas of Industrial Materials or Activities Exposed to Stormwater

Area / Activity	Inspected?	Specific Inspection Notes	Controls Adequate?	Corrective Action Needed and Notes
Material loading/unloading and stockpile areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>Waste, debris on ground <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>General cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Equipment storage areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>General cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Solid waste handling and disposal areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>General cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	



# QUARTERLY INSPECTION FORM

**Tighe & Bond**

Area / Activity	Inspected?	Specific Inspection Notes	Controls Adequate?	Corrective Action Needed and Notes
Fueling areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>Traces of fuel on the ground <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Waste, debris on ground <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>General cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Equipment operations and maintenance areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>Traces of fuel on the ground <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Waste, debris on ground <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>General cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Salt Storage Sheds	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>Salt on ground outside shed <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>General cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

## Overall Site Walkthrough

Any signs of spill or leaks ☒ Yes ☐ No  
Any erosion problems ☒ Yes ☐ No  
Any housekeeping problems ☒ Yes ☐ No  
Comments:

**Additional Control Measures**

Describe any additional control measures needed to reduce potential for pollution or improve good housekeeping:

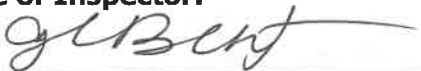
**Other Notes**

Use this space and the Site Plan for any additional notes or observations from the inspection:



# QUARTERLY INSPECTION FORM

**Tighe & Bond**

General Information	
<b>Date of Inspection:</b> June 27, 2023	<b>Time of Inspection:</b> 3 PM
<b>Name and Title of Inspector(s):</b> Gabrielle Bellet, Sr. Env. Scientist	
<b>Contact Information of Inspector:</b> Tighe & Bond	
<b>Signature of Inspector:</b> 	
<b>Inspection Period:</b> Inspections shall be conducted at least once each calendar quarter. At least one of the quarterly inspections shall occur during a period when a stormwater discharge is occurring.	
<input type="checkbox"/> 1 <sup>st</sup> Quarter (July - September) <input type="checkbox"/> 3 <sup>rd</sup> Quarter (January - March)	
<input type="checkbox"/> 2 <sup>nd</sup> Quarter (October - December) <input checked="" type="checkbox"/> 4 <sup>th</sup> Quarter (April - June)	
Weather Information	
<b>Weather at time of this inspection:</b>	
<input type="checkbox"/> Clear <input checked="" type="checkbox"/> Cloudy <input checked="" type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Fog <input type="checkbox"/> Snow <input type="checkbox"/> High Winds	
<input type="checkbox"/> Other: within 4 hours	
<b>Temperature:</b> 70° F	
Discharge Information	
<b>Have any previously unidentified discharges of pollutants from the site occurred since the last inspection?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>If yes, describe:</b>	
<b>Are there any discharges occurring at the time of inspection?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>If yes, describe:</b>	

QUARTERLY INSPECTION FORM

Tighe & Bond

Control Measures Needing Maintenance or Repairs

Structural Control Measure	Specific Inspection Notes	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
Catch Basins (4) (6) added 2	<p>Are any more than 50% full (approx.) of material? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  <i>If yes, clean ASAP. cleaned 6/15/2023</i></p> <p>Are any of the follow present?</p> <ul style="list-style-type: none"> <li>Sewage odor <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</li> <li>Suds <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</li> <li>Bulk material/trash <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</li> </ul> <p>Any structural issues? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	<i>Indicate CBs requiring corrective action on Site Plan.</i>

Areas of Industrial Materials or Activities Exposed to Stormwater

Area/Activity	Inspected?	Specific Inspection Notes	Controls Adequate?	Corrective Action Needed and Notes
Material loading/unloading and stockpile areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>Waste, debris on ground <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>General cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Equipment storage areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>General cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Solid waste handling and disposal areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>General cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

QUARTERLY INSPECTION FORM

Tighe & Bond

Area/Activity	Inspected?	Specific Inspection Notes	Controls Adequate?	Corrective Action Needed and Notes
Fueling areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Traces of fuel on the ground <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Waste, debris on ground <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No General cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Equipment operations and maintenance areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Traces of fuel on the ground <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Waste, debris on ground <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No General cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Salt Storage Sheds	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Salt on ground outside shed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No General cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Overall Site Walkthrough

Any signs of spill or leaks ☐ Yes ☒ No  
 Any erosion problems ☐ Yes ☒ No  
 Any housekeeping problems ☐ Yes ☒ No  
 Comments:

QUARTERLY INSPECTION FORM

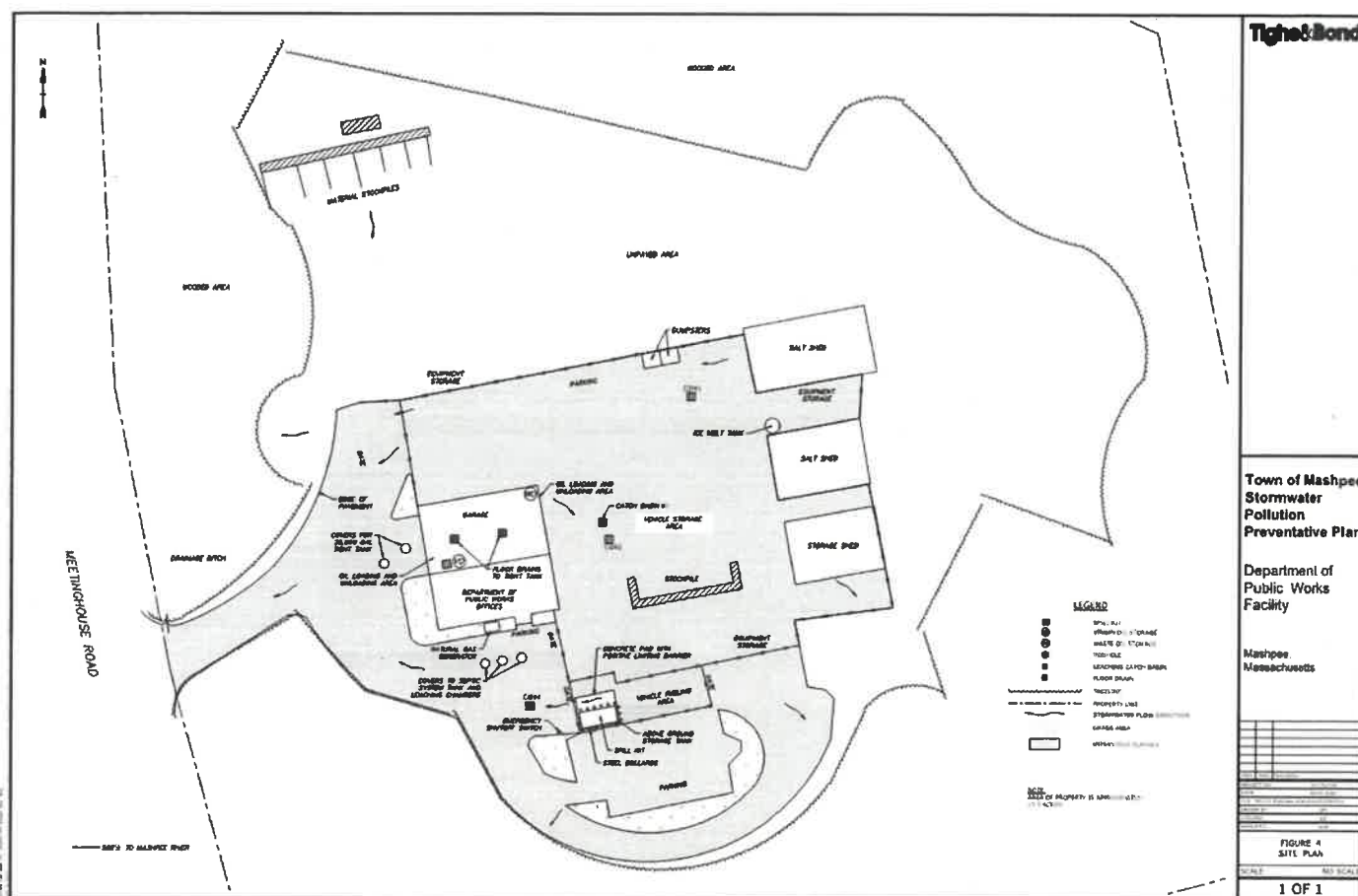
**Tighe & Bond**

**Additional Control Measures**

Describe any additional control measures needed to reduce potential for pollution or improve good housekeeping:

**Other Notes**

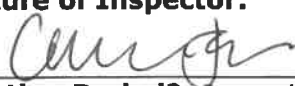
Use this space and the Site Plan for any additional notes or observations from the inspection:





**QUARTERLY SITE INSPECTION FORM**  
**MASHPEE TRANSFER STATION**

**Tighe & Bond**

General Information	
<b>Date of Inspection:</b> 6/28/23	<b>Time of Inspection:</b> 8 AM
<b>Name and Title of Inspector(s):</b> Catherine Laurent, DPW Director	
<b>Contact Information of Inspector:</b> claurent@mashpeema.gov	
<b>Signature of Inspector:</b> 	
<b>Inspection Period?</b> <i>Inspections shall be conducted at least once each calendar quarter. More frequent inspections may be required if significant activities are exposed to stormwater.</i>	
<input type="checkbox"/> 1 <sup>st</sup> Quarter (January through March)	<input checked="" type="checkbox"/> 2 <sup>nd</sup> Quarter (April through June)
<input type="checkbox"/> 3 <sup>rd</sup> Quarter (July through September)	<input type="checkbox"/> 4 <sup>th</sup> Quarter (October through December)
Weather Information	
<b>Weather at time of this inspection?</b>	
<input type="checkbox"/> Clear <input checked="" type="checkbox"/> Cloudy <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Fog <input type="checkbox"/> Snow <input type="checkbox"/> High Winds	
<input type="checkbox"/> Other:	Temperature: 70°F
Discharge Information	
<b>Have any previously unidentified discharges of pollutants from the site occurred since the last inspection?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>If yes, describe:</b>	
<b>Are there any discharges occurring at the time of inspection?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>If yes, describe:</b>	

**QUARTERLY SITE INSPECTION FORM**  
**MASHPEE TRANSFER STATION**

**Tighe & Bond**

**Control Measures Needing Maintenance or Repairs**

Structural Control Measure	Specific Inspection Notes	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (Identify needed maintenance and repairs, or any failed control measures that need replacement)
Catch basins (3)	<p>Are any sumps more than 50% full (approx.) of material <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Are any hoods missing <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Are any of the follow present:</p> <ul style="list-style-type: none"> <li>• sewage odor <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</li> <li>• suds <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</li> <li>• pet waste baggies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</li> </ul> <p>Any structural issues <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	

**Areas of Industrial Materials or Activities Exposed to Stormwater**

Area/Activity	Inspected?	Specific Inspection Notes	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed and Notes
Material loading/unloading and storage areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>Waste, debris on ground Dumpsters/area in good condition <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>General cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

**QUARTERLY SITE INSPECTION FORM**  
**MASHPEE TRANSFER STATION**

**Tighe & Bond**

Area / Activity	Inspected?	Specific Inspection Notes	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed and Notes
Equipment operations and maintenance areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Fueling areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Spots, pools or other traces of diesel fuel on the ground <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Waste, debris, on ground <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No General Cleanliness <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad Other comments:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Waste handling and disposal areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

# QUARTERLY SITE INSPECTION FORM

MASHPEE TRANSFER STATION

Tighe & Bond

Area / Activity	Inspected?	Specific Inspection Notes	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed and Notes
Salt storage pile N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Large quantity of salt on ground outside shed <input type="checkbox"/> Yes <input type="checkbox"/> No General cleanliness <input type="checkbox"/> Good <input type="checkbox"/> Bad Other comments:	<input type="checkbox"/> Yes <input type="checkbox"/> No	

## Overall Site Walkthrough

Any signs of spill or leaks ☐ Yes ☒ No  
Any erosion problems ☐ Yes ☒ No  
Any housekeeping problems ☐ Yes ☒ No

Comments:

## Additional Control Measures

Describe any additional control measures needed to reduce potential for pollution or improve good housekeeping:

## Other Notes

Use this space for any additional notes or observations from the inspection:

The operating personnel indicated below have been instructed in regard to Mashpee's Illicit Discharge Detection and Elimination Plan. By their signature, they indicate their review and understanding of this Plan and have received appropriate interpretation and instruction for its implementation.

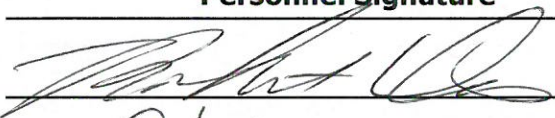


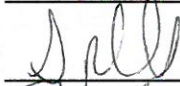
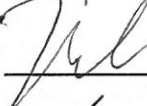
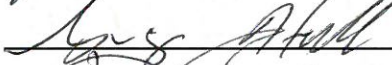

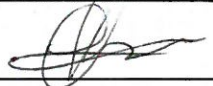
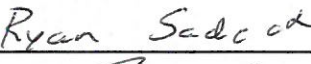

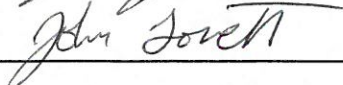

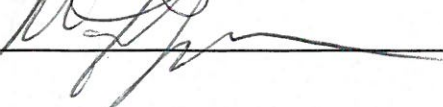
**Instructor's Name:** Gabrielle Belfit

**Course Title:** IDDE Program Refresher

**Training Topics** MS4 Program overview; definition of MS4, outfall, interconnection; and identifying and reporting illicit discharges to the drainage system.

**Course Date:** June 27, 2023

**Mashpee Department of Public Works**

<b>Personnel Name</b>	<b>Personnel Signature</b>
Robert Dias	
Anthony Mingo	
Andrew Wolski	
Stanley Pell	
Wayne Mack	
Greg Holl	
Derren Eaton	
Courtney Peterson	
Ryan Sadock	
James Potte	
John Lovett	
CATHERINE E. VAIRKOT	
Michael Finlayson	






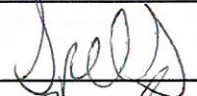






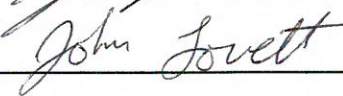

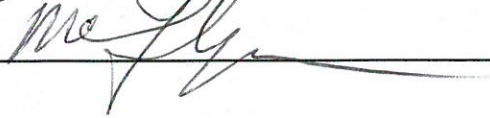
The operating personnel indicated below have been instructed in regard to the purpose, content, and implementation of the SWPPP and SPCC Plan. By their signature, they indicate their review and understanding of this Plan and have received appropriate interpretation and instruction for its implementation.

**Instructor's Name(s):** Gary Hedman, Tighe & Bond

**Course Title:** Stormwater Pollution Prevention and Spill Prevention Control & Countermeasures Plan Training

**Course Date:** June 27, 2023

**Mashpee Department of Public Works**

<b>Personnel Name</b>	<b>Personnel Signature</b>
Robert Dias	
Anthony Milano	
Andrew Wolski	
Stanley Pells	
Wayne Mack	
Greg Hall	
Derren Eaton	
Caroline Peterlin	
Ryan Sadler	
James Bottie	
John Lovett	
CATHERINE LAURIE	
Michael Finlayson	

## VEHICLE INVENTORY

VEHICLE #	YEAR	VEHICLE MAKE & MODEL	STYLE	ASSIGNED	VIN #	PLATE	PURCHASE DATE	PURCHASE PRICE
001	2022	Ford F350	Regular	Brad	1FTRF3B68NEF32342	M3480B	2/24/23	
002	2017	Ford Escape		Catherine	1FMCU9G9XHUE76170	M98671	8/4/17	\$26,452
003	2016	Ford F250	Regular	Maintenance	1FTBF2B61GEA66350	M96245	12/11/15	\$33,409
004	2006	Ford F350	Utility	Paul	1FDWX31P06EB71695	M4318B	3/22/23	Transfer from FD
005	2022	Ford F350	Extended		1FT8X3B69NEF32343	M1810B	10/6/22	\$44,568.76
006	2019	Ford F350	Crew		1FT8W3B63KEG07150	M4068A	10/1/19	\$42,965
007	2021	Ford F350	Liftgate	Maintenance	1FTRF3B61MEC10074	M7288A	1/27/21	\$45,232
008	2019	Ford F350	Regular	Rob	1FTRF3B66KEG07146	M4069A	10/1/19	\$44,012
010	2019	Ford F350	Liftgate		1FTRF3B65KEC44161	M3575A	9/14/18	\$39,020
011	2021	Ford F350	Liftgate/Extended		1FT8X3B64MEC10076	M7297A	1/27/21	\$47,470
012	2019	Ford Transit Van		Custodians	1FMZK1ZM7KKA02294	M3616A	12/6/18	\$25,268
013	2019	Ford F350	Extended	Maintenance	1FT8X3B60KEG07152	M4232A	10/1/19	\$41,801
100	2015	International 7400			1HTWDAZR6FH704092	M89210	12/12/14	\$144,494
101	2015	International 7400SB			1HTWDAZR4FH704091	M89185	12/2/14	\$144,494
102	2016	International 7400SBA			1HTWDAZR1GH230733	M96242	12/4/15	\$159,906
103	2022	Ford F550			1FDUF5HN2NEE91495	M1811B	9/30/22	\$101,798
104	2022	Ford F550			1FDUF5HN4NDA19451	M3481B	2/13/23	
105	2016	Ford F550			1FDUF5HY5GEA99754	M95287	1/21/16	\$64,190
106	2014	Ford F550			1FDAF5HY1EEA68050	M90134	11/26/13	\$53,667

VEHICLE #	YEAR	VEHICLE MAKE & MODEL	STYLE	ASSIGNED	VIN #	PLATE	PURCHASE DATE	PURCHASE PRICE
107	2016	Ford F550			1FDUF5HY3GA99753	M95288	1/21/16	\$64,190
108	2017	Ford F550			1FDUF5HY9HEB79852	M97086	1/18/17	\$75,525
109	2019	Ford F550			1FDUF5HY7KEG07148	M6906A	12/10/19	\$76,993
200	2023	CAT 938M Loader			CAT0938MKJ3R10133	M3497B	1/4/23	\$227,100
201	2014	430F-IT Backhoe/Loader			CAT0430FPRGS00504	M92032	7/25/14	\$121,400
202	2018	CAT 938M Loader			CAT0938MEJ3R05735	M2740A	7/25/18	\$218,700
203	2018	CAT B256 Skid Steer			CAT0259DKFTL18723	M2216A	8/13/18	\$58,500
206	2004	Kubota Tractor			68926	M72799		\$32,069
	2020	John Deere 4066R			Serial #1LV4066RLL408284		8/3/20	\$42,718
211		Terex			ASVR070TL5WS00381	None	12/1/15	\$45,500
212	2020	John Deere 1600			1TC1600TJLH650114	None	8/3/20	\$54,361
	2023	John Deere 1600 Turbo			1TC1600TCPH680097	None	3/31/23	\$58,835
213	2017	John Deere 1600 Turbo			1TC1600TPHF405023	None	7/24/17	\$51,559
214	2016	John Deere 5085M			1LV508MLGG400285	M99690		
	2022	John Deere Gator MY22HPXG BTO			1M061SEAANM052709		9/30/22	Inc. with MMHS stadium
301	2016	North Star Sport Star Trailer (snow blower)			LN2NS2719GCN00003		12/29/15	\$699
302	1994	Wright Trailer (water tank)			1S9TS1011R1132169	M51761		\$995
303	1998	Wright Trailer (barrel			1S9TS131W11132039	M60109		\$1,295



VEHICLE #	YEAR	VEHICLE MAKE & MODEL	STYLE	ASSIGNED	VIN #	PLATE	PURCHASE DATE	PURCHASE PRICE
		trailer)						
305	2015	Load Trail Trailer (6X12; mower/line painting trailer)			4ZESA121XF1083551	M93209	5/29/15	\$1,850
306	2002	Evaco Flat bed (6 wheel)			1E9DE28242A233228	M66537		
308	2011	Carry-on Trailer (7x14, dump trailer)			4YMDU1420BV011946	M84388		\$7,175.00
309	1999	Big Tex Trailer (2 axle mower)			4K8NX1425X1C44716	M7934A		
312	2013	Interstate Utility Trailer (enclosed)			1UK500F2XD1078411	M90500	6/26/13	\$4,860
313	2013	Carmate Cargo Trailer (6x12)			5A3C61256DL001620	M86398	1/23/13	\$5,000 (MIIA grant)
314	2014	CAM Superline (8x20)			5JPBU252EP034753	M90130	11/1/13	\$6,998
315	2016	CAM Superline Utility Trailer			5JPBU1726GP045557	M97079	6/9/16	\$5,151
316	2018	CAM Utility Trailer			5JWCF2423JP065401	M1547A	6/18/18	\$7,500
	2019	CMsu Trailer			5JWCF1422K1503324	M7933A		
400	2018	Mobark M18RX			4S8SZ191XJW052390	M3563A	9/26/18	\$72,375
401	2013	Vermeer BC1500			1VR2161V4D1005558	M90128	10/31/13	\$46,000

Highlighted items are no longer in use and will be auctioned off in PY6