

Attachment 7

Stormwater Report



Checklist for Stormwater Report

A. Introduction

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A Stormwater Report must be submitted with the Notice of Intent permit application to document compliance with the Stormwater Management Standards. The following checklist is NOT a substitute for the Stormwater Report (which should provide more substantive and detailed information) but is offered here as a tool to help the applicant organize their Stormwater Management documentation for their Report and for the reviewer to assess this information in a consistent format. As noted in the Checklist, the Stormwater Report must contain the engineering computations and supporting information set forth in Volume 3 of the [Massachusetts Stormwater Handbook](#). The Stormwater Report must be prepared and certified by a Registered Professional Engineer (RPE) licensed in the Commonwealth.

The Stormwater Report must include:

- The Stormwater Checklist completed and stamped by a Registered Professional Engineer (see page 2) that certifies that the Stormwater Report contains all required submittals.¹ This Checklist is to be used as the cover for the completed Stormwater Report.
- Applicant/Project Name
- Project Address
- Name of Firm and Registered Professional Engineer that prepared the Report
- Long-Term Pollution Prevention Plan required by Standards 4-6
- Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan required by Standard 8²
- Operation and Maintenance Plan required by Standard 9

In addition to all plans and supporting information, the Stormwater Report must include a brief narrative describing stormwater management practices, including environmentally sensitive site design and LID techniques, along with a diagram depicting runoff through the proposed BMP treatment train. Plans are required to show existing and proposed conditions, identify all wetland resource areas, NRCS soil types, critical areas, Land Uses with Higher Potential Pollutant Loads (LUHPPL), and any areas on the site where infiltration rate is greater than 2.4 inches per hour. The Plans shall identify the drainage areas for both existing and proposed conditions at a scale that enables verification of supporting calculations.

As noted in the Checklist, the Stormwater Management Report shall document compliance with each of the Stormwater Management Standards as provided in the Massachusetts Stormwater Handbook. The soils evaluation and calculations shall be done using the methodologies set forth in Volume 3 of the Massachusetts Stormwater Handbook.

To ensure that the Stormwater Report is complete, applicants are required to fill in the Stormwater Report Checklist by checking the box to indicate that the specified information has been included in the Stormwater Report. If any of the information specified in the checklist has not been submitted, the applicant must provide an explanation. The completed Stormwater Report Checklist and Certification must be submitted with the Stormwater Report.

¹ The Stormwater Report may also include the Illicit Discharge Compliance Statement required by Standard 10. If not included in the Stormwater Report, the Illicit Discharge Compliance Statement must be submitted prior to the discharge of stormwater runoff to the post-construction best management practices.

² For some complex projects, it may not be possible to include the Construction Period Erosion and Sedimentation Control Plan in the Stormwater Report. In that event, the issuing authority has the discretion to issue an Order of Conditions that approves the project and includes a condition requiring the proponent to submit the Construction Period Erosion and Sedimentation Control Plan before commencing any land disturbance activity on the site.



Checklist for Stormwater Report

B. Stormwater Checklist and Certification

The following checklist is intended to serve as a guide for applicants as to the elements that ordinarily need to be addressed in a complete Stormwater Report. The checklist is also intended to provide conservation commissions and other reviewing authorities with a summary of the components necessary for a comprehensive Stormwater Report that addresses the ten Stormwater Standards.

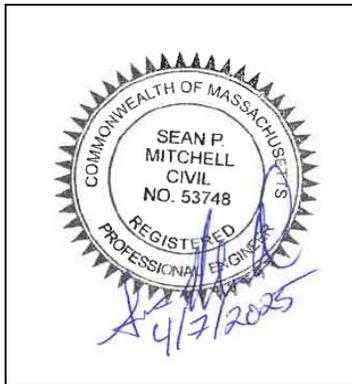
Note: Because stormwater requirements vary from project to project, it is possible that a complete Stormwater Report may not include information on some of the subjects specified in the Checklist. If it is determined that a specific item does not apply to the project under review, please note that the item is not applicable (N.A.) and provide the reasons for that determination.

A complete checklist must include the Certification set forth below signed by the Registered Professional Engineer who prepared the Stormwater Report.

Registered Professional Engineer's Certification

I have reviewed the Stormwater Report, including the soil evaluation, computations, Long-term Pollution Prevention Plan, the Construction Period Erosion and Sedimentation Control Plan (if included), the Long-term Post-Construction Operation and Maintenance Plan, the Illicit Discharge Compliance Statement (if included) and the plans showing the stormwater management system, and have determined that they have been prepared in accordance with the requirements of the Stormwater Management Standards as further elaborated by the Massachusetts Stormwater Handbook. I have also determined that the information presented in the Stormwater Checklist is accurate and that the information presented in the Stormwater Report accurately reflects conditions at the site as of the date of this permit application.

Registered Professional Engineer Block and Signature



Sean P. Mitchell 4/7/2025

Signature and Date

Checklist

Project Type: Is the application for new development, redevelopment, or a mix of new and redevelopment?

- New development
- Redevelopment
- Mix of New Development and Redevelopment



Checklist for Stormwater Report

Checklist (continued)

LID Measures: Stormwater Standards require LID measures to be considered. Document what environmentally sensitive design and LID Techniques were considered during the planning and design of the project:

- No disturbance to any Wetland Resource Areas
- Site Design Practices (e.g. clustered development, reduced frontage setbacks)
- Reduced Impervious Area (Redevelopment Only)
- Minimizing disturbance to existing trees and shrubs
- LID Site Design Credit Requested:
 - Credit 1
 - Credit 2
 - Credit 3
- Use of “country drainage” versus curb and gutter conveyance and pipe
- Bioretention Cells (includes Rain Gardens)
- Constructed Stormwater Wetlands (includes Gravel Wetlands designs)
- Treebox Filter
- Water Quality Swale
- Grass Channel
- Green Roof
- Other (describe): _____

Standard 1: No New Untreated Discharges

- No new untreated discharges
- Outlets have been designed so there is no erosion or scour to wetlands and waters of the Commonwealth
- Supporting calculations specified in Volume 3 of the Massachusetts Stormwater Handbook included.



Checklist for Stormwater Report

Checklist (continued)

N/A - The Project does not include the construction of a stormwater management system and there will be no increase in post-development peak discharge rates.

Standard 2: Peak Rate Attenuation

- Standard 2 waiver requested because the project is located in land subject to coastal storm flowage and stormwater discharge is to a wetland subject to coastal flooding.
- Evaluation provided to determine whether off-site flooding increases during the 100-year 24-hour storm.
- Calculations provided to show that post-development peak discharge rates do not exceed pre-development rates for the 2-year and 10-year 24-hour storms. If evaluation shows that off-site flooding increases during the 100-year 24-hour storm, calculations are also provided to show that post-development peak discharge rates do not exceed pre-development rates for the 100-year 24-hour storm.

Standard 3: Recharge

N/A - The Project will not result in a loss of annual recharge to groundwater, there will be no increase in impervious areas for this project.

- Soil Analysis provided.
- Required Recharge Volume calculation provided.
- Required Recharge volume reduced through use of the LID site Design Credits.
- Sizing the infiltration, BMPs is based on the following method: Check the method used.
 - Static
 - Simple Dynamic
 - Dynamic Field¹
- Runoff from all impervious areas at the site discharging to the infiltration BMP.
- Runoff from all impervious areas at the site is *not* discharging to the infiltration BMP and calculations are provided showing that the drainage area contributing runoff to the infiltration BMPs is sufficient to generate the required recharge volume.
- Recharge BMPs have been sized to infiltrate the Required Recharge Volume.
- Recharge BMPs have been sized to infiltrate the Required Recharge Volume *only* to the maximum extent practicable for the following reason:
 - Site is comprised solely of C and D soils and/or bedrock at the land surface
 - M.G.L. c. 21E sites pursuant to 310 CMR 40.0000
 - Solid Waste Landfill pursuant to 310 CMR 19.000
 - Project is otherwise subject to Stormwater Management Standards only to the maximum extent practicable.
- Calculations showing that the infiltration BMPs will drain in 72 hours are provided.
- Property includes a M.G.L. c. 21E site or a solid waste landfill and a mounding analysis is included.

¹ 80% TSS removal is required prior to discharge to infiltration BMP if Dynamic Field method is used.



Checklist for Stormwater Report

Checklist (continued)

Standard 3: Recharge (continued)

- The infiltration BMP is used to attenuate peak flows during storms greater than or equal to the 10-year 24-hour storm and separation to seasonal high groundwater is less than 4 feet and a mounding analysis is provided.
- Documentation is provided showing that infiltration BMPs do not adversely impact nearby wetland resource areas.

N/A - The Project will not negatively affect the existing stormwater management system and there will be no changes to TSS removal.

Standard 4: Water Quality

The Long-Term Pollution Prevention Plan typically includes the following:

- Good housekeeping practices;
 - Provisions for storing materials and waste products inside or under cover;
 - Vehicle washing controls;
 - Requirements for routine inspections and maintenance of stormwater BMPs;
 - Spill prevention and response plans;
 - Provisions for maintenance of lawns, gardens, and other landscaped areas;
 - Requirements for storage and use of fertilizers, herbicides, and pesticides;
 - Pet waste management provisions;
 - Provisions for operation and management of septic systems;
 - Provisions for solid waste management;
 - Snow disposal and plowing plans relative to Wetland Resource Areas;
 - Winter Road Salt and/or Sand Use and Storage restrictions;
 - Street sweeping schedules;
 - Provisions for prevention of illicit discharges to the stormwater management system;
 - Documentation that Stormwater BMPs are designed to provide for shutdown and containment in the event of a spill or discharges to or near critical areas or from LUHPPL;
 - Training for staff or personnel involved with implementing Long-Term Pollution Prevention Plan;
 - List of Emergency contacts for implementing Long-Term Pollution Prevention Plan.
- A Long-Term Pollution Prevention Plan is attached to Stormwater Report and is included as an attachment to the Wetlands Notice of Intent.
 - Treatment BMPs subject to the 44% TSS removal pretreatment requirement and the one inch rule for calculating the water quality volume are included, and discharge:
 - is within the Zone II or Interim Wellhead Protection Area
 - is near or to other critical areas
 - is within soils with a rapid infiltration rate (greater than 2.4 inches per hour)
 - involves runoff from land uses with higher potential pollutant loads.
 - The Required Water Quality Volume is reduced through use of the LID site Design Credits.
 - Calculations documenting that the treatment train meets the 80% TSS removal requirement and, if applicable, the 44% TSS removal pretreatment requirement, are provided.



Checklist for Stormwater Report

Checklist (continued)

Standard 4: Water Quality (continued)

- The BMP is sized (and calculations provided) based on:
 - The ½" or 1" Water Quality Volume or
 - The equivalent flow rate associated with the Water Quality Volume and documentation is provided showing that the BMP treats the required water quality volume.
- The applicant proposes to use proprietary BMPs, and documentation supporting use of proprietary BMP and proposed TSS removal rate is provided. This documentation may be in the form of the propriety BMP checklist found in Volume 2, Chapter 4 of the Massachusetts Stormwater Handbook and submitting copies of the TARP Report, STEP Report, and/or other third party studies verifying performance of the proprietary BMPs.
- A TMDL exists that indicates a need to reduce pollutants other than TSS and documentation showing that the BMPs selected are consistent with the TMDL is provided. N/A - The Project is not considered a land use with higher potential pollutant loading.

Standard 5: Land Uses With Higher Potential Pollutant Loads (LUHPPLs)

- The NPDES Multi-Sector General Permit covers the land use and the Stormwater Pollution Prevention Plan (SWPPP) has been included with the Stormwater Report.
- The NPDES Multi-Sector General Permit covers the land use and the SWPPP will be submitted **prior to** the discharge of stormwater to the post-construction stormwater BMPs.
- The NPDES Multi-Sector General Permit does **not** cover the land use.
- LUHPPLs are located at the site and industry specific source control and pollution prevention measures have been proposed to reduce or eliminate the exposure of LUHPPLs to rain, snow, snow melt and runoff, and been included in the long term Pollution Prevention Plan.
- All exposure has been eliminated.
- All exposure has **not** been eliminated and all BMPs selected are on MassDEP LUHPPL list.
- The LUHPPL has the potential to generate runoff with moderate to higher concentrations of oil and grease (e.g. all parking lots with >1000 vehicle trips per day) and the treatment train includes an oil grit separator, a filtering bioretention area, a sand filter or equivalent.

N/A - The Project is not located within Zone II or Interim Wellhead Protection Area of a public water supply.

Standard 6: Critical Areas

- The discharge is near or to a critical area and the treatment train includes only BMPs that MassDEP has approved for stormwater discharges to or near that particular class of critical area.
- Critical areas and BMPs are identified in the Stormwater Report.



Checklist for Stormwater Report

Checklist (continued)

Standard 7: Redevelopments and Other Projects Subject to the Standards only to the maximum extent practicable

- The project is subject to the Stormwater Management Standards only to the maximum Extent Practicable as a:
- Limited Project
 - Small Residential Projects: 5-9 single family houses or 5-9 units in a multi-family development provided there is no discharge that may potentially affect a critical area.
 - Small Residential Projects: 2-4 single family houses or 2-4 units in a multi-family development with a discharge to a critical area
 - Marina and/or boatyard provided the hull painting, service and maintenance areas are protected from exposure to rain, snow, snow melt and runoff
 - Bike Path and/or Foot Path
 - Redevelopment Project
 - Redevelopment portion of mix of new and redevelopment.
- Certain standards are not fully met (Standard No. 1, 8, 9, and 10 must always be fully met) and an explanation of why these standards are not met is contained in the Stormwater Report.
- The project involves redevelopment and a description of all measures that have been taken to improve existing conditions is provided in the Stormwater Report. The redevelopment checklist found in Volume 2 Chapter 3 of the Massachusetts Stormwater Handbook may be used to document that the proposed stormwater management system (a) complies with Standards 2, 3 and the pretreatment and structural BMP requirements of Standards 4-6 to the maximum extent practicable and (b) improves existing conditions.

Standard 8: Construction Period Pollution Prevention and Erosion and Sedimentation Control

A Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan must include the following information: **Erosion and sedimentation control measures will be implemented and are indicated in the Drawing set on C-01 and C-05.**

- Narrative;
 - Construction Period Operation and Maintenance Plan;
 - Names of Persons or Entity Responsible for Plan Compliance;
 - Construction Period Pollution Prevention Measures;
 - Erosion and Sedimentation Control Plan Drawings;
 - Detail drawings and specifications for erosion control BMPs, including sizing calculations;
 - Vegetation Planning;
 - Site Development Plan;
 - Construction Sequencing Plan;
 - Sequencing of Erosion and Sedimentation Controls;
 - Operation and Maintenance of Erosion and Sedimentation Controls;
 - Inspection Schedule;
 - Maintenance Schedule;
 - Inspection and Maintenance Log Form.
- A Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan containing the information set forth above has been included in the Stormwater Report.



Checklist for Stormwater Report

Checklist (continued)

Standard 8: Construction Period Pollution Prevention and Erosion and Sedimentation Control (continued)

- The project is highly complex and information is included in the Stormwater Report that explains why it is not possible to submit the Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan with the application. A Construction Period Pollution Prevention and Erosion and Sedimentation Control has **not** been included in the Stormwater Report but will be submitted **before** land disturbance begins.
- The project is **not** covered by a NPDES Construction General Permit.
- The project is covered by a NPDES Construction General Permit and a copy of the SWPPP is in the Stormwater Report.
- The project is covered by a NPDES Construction General Permit but no SWPPP been submitted. The SWPPP will be submitted BEFORE land disturbance begins.

Standard 9: Operation and Maintenance Plan

- The Post Construction Operation and Maintenance Plan is included in the Stormwater Report and includes the following information:
 - Name of the stormwater management system owners;
 - Party responsible for operation and maintenance;
 - Schedule for implementation of routine and non-routine maintenance tasks;
 - Plan showing the location of all stormwater BMPs maintenance access areas;
 - Description and delineation of public safety features;
 - Estimated operation and maintenance budget; and
 - Operation and Maintenance Log Form.
- The responsible party is **not** the owner of the parcel where the BMP is located and the Stormwater Report includes the following submissions:
 - A copy of the legal instrument (deed, homeowner's association, utility trust or other legal entity) that establishes the terms of and legal responsibility for the operation and maintenance of the project site stormwater BMPs;
 - A plan and easement deed that allows site access for the legal entity to operate and maintain BMP functions.

N/A - The Project will not result in any illicit discharges.

Standard 10: Prohibition of Illicit Discharges

- The Long-Term Pollution Prevention Plan includes measures to prevent illicit discharges;
- An Illicit Discharge Compliance Statement is attached;
- NO Illicit Discharge Compliance Statement is attached but will be submitted **prior to** the discharge of any stormwater to post-construction BMPs.

Stormwater Report

April 18, 2025

Prepared By:

Arcadis U.S., Inc.
500 Edgewater Drive, Suite 511
Wakefield, MA 01880
United States
Phone: 781 224 4488

Our Ref:

30235180



Stephe G. Perry, Jr., LEED GA, ENV SP
Project Manager

Contents

Attachment 8. Stormwater Report	3
1 Introduction	3
2 Stormwater Compliance	3

Attachment 8. Stormwater Report

1 Introduction

Wompatuck State Park (hereafter Park) is located at 204 Union Street in Hingham, Massachusetts (MA). The coordinates for the center of the Park are 42.203861 latitude and -70.847389 longitude. The Park is managed by the applicant – Massachusetts Department of Conservation and Recreation (DCR) – and provides public access to hiking and camping. The Park is bordered by Route 3A to the north, the Weir River and Main Street to the west, Grove Street to the south, and Beechwood Street and Summer Street to the east. Access to the Park is provided by a variety of local roads, including Union Street, a paved, two-lane road running north to south from the Town of Hingham into the Park.

Sanitary sewage from the Park is pumped through an existing force main along Union Street and connects to the Town of Hingham's gravity sewer system in the vicinity of Hingham High School. The limits of the proposed project are from a valve manhole located in the vicinity of the Hingham Driving Range entrance, at 0 Union Street, to a second valve manhole located within a gravel area of 0 Union Street, south of the Weir River (prior to the force main river crossing). The total length of pipe to be replaced is just under 600 LF and the new pipe size will be the same as the existing 6-inch force main. This project was designed to be a limited project pursuant to 310 CMR 10.24(7), with approx. 550 LF (or 92%) of the work occurring within the existing paved limits of Union Street, and only 50 LF (or 8%) of the work in the gravel area adjacent to the Weir River, following the existing alignment of the force main. Both the Union Street roadway and the parcel at 0 Union Street are owned and maintained by the Town of Hingham.

The Weir River, which crosses under Union Street, flows between Accord Pond, located south of Hingham, and Hingham Bay, to the north. The goal of this project is to prevent sewage overflows to the Weir River by installing an air release manhole, which will remove air from the high-point of the force main and reduce the potential of hydrogen sulfide related corrosion, and replacement of the existing ductile iron pipe with high density polyethylene (HDPE) plastic pipe, known for its reliability, durability and inherent environmental benefits.

All construction related disturbances will be temporary, and the project will not permanently alter regulated resource areas as described in **Attachment 2 – Supplemental Narrative** of this NOI package. The improved conditions of the pipe will protect the downgradient stream and wetland resources from any potential future pollution which is currently experienced by the existing aging infrastructure.

This Stormwater Report has been prepared by Arcadis on behalf of DCR in support of the Notice of Intent (NOI) and the preceding Stormwater Checklist, in compliance with the Massachusetts Stormwater Handbook.

2 Stormwater Compliance

The project is classified as a limited project per 310 CMR 10.24 and a redevelopment under the Massachusetts Stormwater Handbook. Low-Impact Development measures to be included are no disturbance to existing trees, brush or shrubs. These practices are described in detail in **Attachment 2 – Supplemental Narrative** of this NOI package.

Compliance for each standard is described below:

Standard 1: No New Untreated Discharges

The proposed project has no new stormwater conveyance/outfalls. This standard has been met, as required, for this redevelopment project.

Standard 2: Peak Rate Attenuation

The proposed project does not include the construction of a stormwater management system and there will be no increase in post-development peak discharge rates. This standard has been met to the maximum extent practicable, meanwhile improving upon the existing site conditions.

Standard 3: Recharge

The proposed project will not result in a loss of annual recharge to groundwater as there will be no increase in impervious areas. This standard has been met to the maximum extent practicable, meanwhile improving upon the existing site conditions.

Standard 4: Water Quality

The proposed project will not negatively affect the existing stormwater management system and there will be no change to TSS removal. This standard has been met to the maximum extent practicable, meanwhile improving upon the existing site conditions.

Standard 5: Land Uses With Higher Potential Pollutant Loads

The proposed project is not considered a land use with higher potential pollutant loading. This standard has been met to the maximum extent practicable, meanwhile improving upon the existing site conditions.

Standard 6: Critical Areas

The proposed project is not located within a Zone II or Interim Wellhead Protection Area of a public water supply or any other critical areas. This standard has been met to the maximum extent practicable, meanwhile improving upon the existing site conditions.

Standard 7: Redevelopments and Other Projects Subject to the Standards only to the maximum extent practicable

The proposed project design improves the aging infrastructure by replacing the existing sewer with materials less susceptible to corrosion and failure. The project is classified as a limited project per 310 CMR 10.24 (7)(a)3 reconstruction of sewer pipelines. Per the Massachusetts Stormwater Handbook, the project is classified as a redevelopment project.

The limited and redevelopment project will not result in any new point source discharges or increase in impervious surfaces within the project area. Standards 1 through 6, when applicable, have been met to the maximum extent practicable as previously indicated.

Due to this type of project, stormwater management is met to the maximum extent practicable, meanwhile improving upon the existing site conditions.

Standard 8: Construction Period Pollution Prevention and Erosion and Sedimentation Control

The Plan Set in **Attachment 5 – Drawings** of this NOI package shows the control measures planned for installation at the Site to prevent erosion, sedimentation, and other pollutant sources during construction, refer to C-01 Site Plan and C-05 Erosion Control Details. The erosion and sedimentation control

measures require regular inspection and maintenance, and if necessary, revisions to the measures throughout the construction of the proposed project.

Types of erosion and sedimentation controls planned for implementation throughout the proposed project include:

- Tubular Compost Filter Socks
- Catch Basin Inlet Filters
- Dewatering Filter Bag

This standard has been met, as required, for a redevelopment project.

Standard 9: Operation and Maintenance Plan

Operation and Maintenance Plan During Construction (refer to the notes on C-05 Erosion Control Details:

- The Contractor shall implement and maintain erosion and sediment control devices during construction. Devices shall be inspected weekly and after every rain/storm event. Any repairs or required maintenance shall be conducted immediately following the inspection.
- All temporary sediment controls shall be cleaned when the capacity has been reduced by 50%. All debris shall be removed from the Site and properly disposed of in accordance with local, State and Federal regulations.
- At no time shall silt or sediment be allowed beyond the erosion controls.
- Any water from trench dewatering operations shall be discharged into a dewatering bag.
- No stockpiling shall occur with 50 feet of a floodplain or regulated area.

Post Construction Operation and Maintenance Plan

- After the final backfill and compaction of the trench and asphalt paving within the roadway, site inspections shall continue at least once per month for three months. Any settlement or repairs needed shall be addressed immediately.
- Union Street and the gravel area of 0 Hingham Street are owned and maintained by the Town of Hingham. If after three months and up to twelve months, any unsatisfactory conditions to the roadway or gravel area identified by the Town of Hingham and because of the work performed, will be reviewed and addressed by the DCR accordingly.

This standard has been met, as required, for a redevelopment project.

Standard 10: Prohibition of Illicit Discharges

This statement is provided in accordance with the provisions of the Massachusetts Stormwater Management Standard 10 and of the Massachusetts Stormwater Management Handbook:

Note the following:

- All stormwater management systems contain no connection to the site's wastewater sewer system or to any other non-stormwater collection system.
- Groundwater collection systems, if provided, are not connected to the site's wastewater sewer system or to any other non-stormwater collection system.
- The facility's Operation and Maintenance Plan is designed to prevent any discharge of non-stormwater to the drainage system.
- Any illicit discharge identified during or after construction will be immediately disconnected.

Summary

The Project will reduce the potential of future sanitary sewer overflows to the Weir River and will improve the safety, functionality, and reliability of Union Street. Permanent impacts to regulated wetland resources have been minimized to the maximum extent practicable. DCR respectfully requests that the Hingham Conservation Commission find that these measures are adequately protective of the interests identified in the WPA and issue an Order of Conditions approving the work shown in **Attachment 5 – Drawings** of this NOI package.

Attachment 8

Photolog

Photograph Log

Massachusetts Department of Conservation and Recreation
Wompatuck Sewer Force Main Replacement
30235180



Photograph: 1

Description: Northern end of project area, facing south.

Location: Union Street, Hingham, MA 02043

Source: LEC Environmental Consultants, Inc.

Date: 10/8/2024



Photograph: 2

Description: Center of project area, facing north.

Location: Union Street, Hingham, MA 02043

Source: Google Maps

Date: 10/2019

Photograph Log

Massachusetts Department of Conservation and Recreation
Wompatuck Sewer Force Main Replacement
30235180



Photograph: 3

Description: Southern end of project area, facing north.

Location: Union Street, Hingham, MA 02043

Source: Google Maps

Date: 10/2019



Photograph: 4

Description: Maintained lawn adjacent to Union Street.

Location: Union Street, Hingham, MA 02043

Source: Google Maps

Date: 10/2019

Photograph Log

Massachusetts Department of Conservation and Recreation
Wompatuck Sewer Force Main Replacement
30235180



Photograph: 5

Description: Gravel parking area at northern end of project area.

Location: Union Street, Hingham, MA 02043

Source: LEC Environmental Consultants, Inc.

Date: 10/8/2024



Photograph: 6

Description: Weir River on the west side of the bridge beyond northern extent of project area.

Location: Union Street, Hingham, MA 02043

Source: LEC Environmental Consultants, Inc.

Date: 10/8/2024