STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

ebm-papst Inc.

Farmington, Connecticut

March 2026

Prepared for

ebm-papst Inc.

110 Hyde Road

Farmington, Connecticut 06032

Loureiro

Loureiro Engineering Associates, Inc.

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An Employee-Owned Company

Affirmative Action / Equal Opportunity Employer

Comm. No. 026EP6.01

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BMPs	Best Management Practices
CAM	Corrective Action Measure
CFR	Code of Federal Regulations
COD	Chemical Oxygen Demand
CT DEEP	Connecticut Department of Energy and Environmental Protection
Cu	Total Copper
DMR	Discharge Monitoring Report
EPA	Environmental Protection Agency
FOIA	Freedom of Information Act
GP	National Pollutant Discharge Elimination System General Permit for the Discharge of Stormwater Associated with Industrial Activities
HDPE	High Density Polyethylene
HVAC	Heating, Ventilation, and Air Conditioning
MS4	Municipal Separate Storm Sewer System
NAICS	North American Industry Classification System
NO_3-N	Nitrate as Nitrogen
NRC	National Response Center
O&G	Oil and Grease
OSHA	Occupational Safety and Health Administration
Pb	Lead
PE	Professional Engineer
PM	Preventive Maintenance
PPT	Pollution Prevention Team
RCP	Reinforced Concrete Pipe
SIC	Standard Industrial Classification
SPDES	State Pollutant Discharge Elimination System
SWPPP	Stormwater Pollution Prevention Plan
TKN	Total Kjeldahl Nitrogen
TMDL	Total Maximum Daily Load
TP	Total Phosphorous
TSS	Total Suspended Solids
USGS	United States Geological Survey
Zn	Total Zinc

Site Contact Information

Facility Operator(s):
Name: ebm-papst Inc.
Address: 110 Hyde Road
City, State, Zip Code: Farmington, CT, 06032
Telephone Number: 860-559-1884
Email address: Bill.Aston@us.ebmpapst.com

Facility Owners(s) if different than operator:
Name: Same as above
Address: Same as above
City, State, Zip Code: Same as above
Telephone Number: Same as above
Email address: Same as above

Site Contact if different than operator:
Name: Festus Uwuoruya
Address: Same as above
City, State, Zip Code: Same as above
Telephone Number: 860-914-8211
Email address: Festus.Uwuoruya@us.ebmpapst.com

SWPPP Contact(s):
SWPPP Contact Name (Primary): Same as above
Telephone Number: Same as above
Email address: Same as above
SWPPP Contact Name (Backup): Bill Aston
Telephone Number: 860-559-1884
Email address: Bill.Aston@us.ebmpapst.com

1. INTRODUCTION

Loureiro Engineering Associates, Inc. (Loureiro) was retained by ebm-papst Inc. (hereafter referred to as "ebm") to prepare a Stormwater Pollution Prevention Plan (SWPPP) (hereafter referred to as the "Plan") for its Site located at 110 Hyde Road in Farmington, Connecticut (hereafter referred to as the "Site"). This Plan has been prepared to provide ebm with the appropriate information and guidance to ensure that stormwater discharges associated with industrial activities conducted at the Site are properly managed in compliance with the Connecticut Department of Energy and Environmental Protection (CT DEEP) *National Pollutant Discharge Elimination System General Permit for the Discharge of Stormwater Associated with Industrial Activities* (hereafter referred to as the "GP"), that went into effect on November 1, 2025. This Plan has been prepared according to the requirements of the GP and guidance provided by CT DEEP. An electronic copy of the GP is available to ebm personnel at the location specified in Appendix A, GP, and a physical copy of the GP will be kept alongside this Plan. Documentation of GP registration for the Site is provided in Appendix B, General Permit Registration.

In general, this Plan identifies the potential sources of stormwater pollution and provides recommendations for implementing best management practices (BMPs) to reduce these pollutants. This Plan contains the necessary certifications and signatures required by the GP, identifies the members of the Stormwater Pollution Prevention Team (PPT) and their associated responsibilities, describes the potential sources of pollutants which may reasonably be expected to affect stormwater quality, and presents the stormwater management measures and controls appropriate for the Site. A program for the routine sampling and analysis of the stormwater discharges is also provided to give the Site (i.e., the PPT and/or a contractor) the necessary guidance to comply with the requirements of the GP.

This Plan must be revised and updated periodically and as necessary to include any changes to the configuration and operation of the Site. The conditions requiring an amendment to this Plan are identified in Section 8 of this Plan.

1.1 Description of the Site

ebm operates under the Standard Industrial Classification (SIC) Code 3564 (Industrial and Commercial Fans and Blowers), and North American Industry Classification System (NAICS) Code 333413 (Industrial and Commercial Fan and Blower and Air Purification Equipment Manufacturing). ebm distributes ventilating fans, blowers, and impellers for electronic equipment including computers, telecommunications equipment, medical, instrumentation, and heating,

ventilation, and air conditioning (HVAC) products and systems. In addition, the company manufactures fan trays and panels for single and multiple fan applications.

The 14.06-acre Site is covered by a building structure, grassy areas, wetlands, paved driveway areas, and paved parking areas, with a total of approximately 212,778 square feet of impervious surface. The Site is located north of Hyde Road, with a wetlands area and Scott Swamp Brook to the north of the Site and commercial properties and forested areas surrounding the rest of the Site. Operations associated with sheet metal fabrication, powder painting, spray washing, and welding take place in the building located at 110 Hyde Road. Three shifts are run, with an average of 200 employees.

A covered walkway connects the building with a warehouse located at 100 Hyde Road, which is used for shipping and receiving finished products and operates under SIC Code 5099 (Durable Goods, Not Elsewhere Classified). No industrial operations take place at this location, and no materials are stored outdoors. The warehouse property is not covered by this Plan.

Stormwater at the Site discharges to wetlands associated with Scott Swamp Brook (no Waterbody ID), a tributary to the Pequabuck River (Waterbody ID CT4315-00_01), as well as to the Farmington Municipal Separate Storm Sewer System (MS4). Based on CT DEEP's Water Quality Classification Maps, the ground water quality class at the Site is "GA, GAA (may not meet current standards)", and the Site is located within an Aquifer Protection Area (Registration No. APA000002). The surface water quality class of Scott Swamp Brook is "A". According to CT DEEP's Natural Diversity Data Base maps, there are no state listed species present at the Site.

The Site is located at 41.6992, -72.8648. A United States Geological Survey (USGS) Map depicting the location of the Site is included as Figure 1, USGS Site Location Map. A Site Plan depicting Site features, activities, and materials that may be sources of stormwater pollution is included as Drawing 1, Site Plan.

2. SIGNATURES AND CERTIFICATIONS

The following section details and provides the certifications required by the GP.

2.1 Management Certification

As required by the GP, Section 5.21.1, this Plan must be signed by a responsible corporate officer of the Site as follows:

"I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement made in the submitted information may be punishable as a criminal offense, in accordance with section 22a-6 of the General Statutes, pursuant to section 53a-157b of the General Statutes, and in accordance with any other applicable statute."

Permittee:
ebm-papst Inc.

Certifier Name: Mark Shirley
Certifier Title: CEO - Americas
Certifier's Signature:
Date: 26-Mar-26

Site/Facility Name: ebm-papst Inc.

Site/Facility Address: 110 Hyde Road, Farmington, CT 06032

General Permit No.:

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2.2 Certification that the SWPPP Meets Permit Criteria

As required by the GP, Section 4.3.1.1, this Plan must be certified by a Qualified Professional as defined in the GP as follows:

I certify that I have thoroughly and completely reviewed the Stormwater Pollution Prevention Plan prepared for the site or facility known as ebm-papst Inc.. I further certify, based on such review and site visit by myself or my agent, and on my professional judgment, that the Stormwater Pollution Prevention Plan meets the criteria set forth in the General Permit for the Discharge of Stormwater Associated with Industrial Activity effective on November 1, 2025.

I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement made in the submitted information may be punishable as a criminal offense, in accordance with section 22a-6 of the General Statutes, pursuant to section 53a-157b of the General Statutes, and in accordance with any other applicable statute.

Certifier Name: Christine Gray, P.E.

Certifier Title: Senior Project Engineer

Certifier's Signature: 

Date: 3/30/2026

Site/Facility Name: ebm-papst Inc.

Site/Facility Address: 110 Hyde Road, Farmington, CT 06032

General Permit No.:

2.3 Certification of Non-Stormwater Discharges

As required by the GP, Section 4.3.2.9, this Plan must include the following certification of non-stormwater discharges.

I certify that in my professional judgment, the stormwater discharge from the site or facility known as ebm-papst Inc. consists only of stormwater, or of stormwater combined with wastewater authorized by an effective permit issued under section 22a-430 or section 22a-430b of the Connecticut General Statutes, including the provisions of Section 5(b)(10) the General Permit for the Discharge of Stormwater Associated with Industrial Activity effective on November 1, 2025, or of stormwater combined with any of the following discharges provided they do not contribute to a violation of water quality standards:

1. *discharges from emergency/unplanned fire-fighting activities,*
2. *landscape irrigation or lawn watering,*
3. *uncontaminated condensate from air conditioners, coolers/chillers, and other compressors and from the outside storage of refrigerated gases or liquids.*
4. *uncontaminated ground water or spring water,*
5. *uncontaminated groundwater from foundation or footing drains.*
6. *water sprayed for dust control, in accordance with the conditions of the general permit, and*
7. *for Sector A only, discharges from the spray down of lumber and wood product storage yards where no chemical additives are used in the spray-down waters and no chemicals are applied to the wood during storage.*

This certification is based on testing and/or evaluation of the stormwater discharge from the site. I further certify that all potential sources of non-stormwater at the site, a description of the results of any test and/or evaluation for the presence of non-stormwater discharges, the evaluation criteria or testing method used, the date of any testing and/or evaluation, and the on-site drainage points that were directly observed during the test have been described in detail in the Stormwater Pollution Prevention Plan prepared for the site. I further certify that no interior building floor drains exist unless such floor drain connection has been approved and permitted by the commissioner or otherwise authorized by a local authority for discharge as domestic sewage to sanitary sewer.

I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement made in the submitted information may be punishable as a criminal offense, in accordance with section 22a-6 of the General Statutes, pursuant to section 53a-157b of the General Statutes, and in accordance with any other applicable statute.

Certifier Name:	Christine Gray, P.E.	Certifier Title:	Senior Project Engineer
Certifier Signature:		Date:	3/30/2026
Site/Facility Name and Address:	ebm-papst Inc. 110 Hyde Road, Farmington, CT 06032	General Permit No.:	

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3. STORMWATER POLLUTION PREVENTION TEAM (PPT)

The PPT is responsible for the implementation of all actions set forth in the GP and detailed in this Plan. The PPT must direct all necessary revisions and additions to this Plan as dictated by operational changes at the Site, as required by the provisions of the GP, as well as maintain control measures and take corrective actions where required. The following table lists the PPT Members who may be contacted in the event of an accidental release of pollutants to the stormwater system. At least one PPT Member must be present at the Site or on call during all operational shifts.

TABLE 3-1: PPT

Role	Name and Title	Phone Number
PPT Leader	Bill Aston, Sr. Manufacturing Engineering Manager	Phone: (860) 674-1515, ext. 8293 Emergency Phone: (860) 559-1884
PPT Member	Festus Uwuoruya, EHS Specialist	Phone: 860-914-8211 Emergency Phone: 203-215-0064
PPT Member	Mike Cifone, Facilities Maintenance Manager	Phone: (860) 839-6165 Emergency Phone: (860) 819-8019
PPT Member	Bill Farm First Shift Supervisor	Phone: (860) 507-8093 Emergency Phone: (203) 464-4687
PPT Member	Kevin Mavis, Second Shift Supervisor	Phone: (860) 674-1515, ext. 8002 Emergency Phone: (860) 798-9971
PPT Member	Ketan Patel, Third shift Supervisor	Phone: 860-712-3675 Emergency Phone: 912-549-0645

Responsibilities of the PPT are listed below. Tasks required by the Team Leader are identified with an asterisk.

- Direct the development of SWPPP*
- Maintain records and ensure reports are properly submitted*
- Assist in implementation, maintenance, and revision of plan
- Assist in initial Site assessment
- Assist in the identification of pollutant sources and risks
- Assist in the selection of appropriate BMPs
- Direct implementation of BMPs
- Participate in routine evaluation of the effectiveness of this Plan*
- Ensure routine inspections are performed or perform inspections
- Ensure preventive maintenance program is implemented
- Oversee housekeeping practices

- Coordinate spill response activities;
- Coordinate employee training program*
- Ensure performance of or perform semiannual comprehensive site compliance inspections*
- Coordinate collection of quarterly, semiannual and annual stormwater discharge samples and perform reporting as detailed in this Plan*

4. POTENTIAL POLLUTANT SOURCES

4.1 Summary of Drainage Areas

The Site has six drainage areas. The stormwater discharge locations, drainage areas, flow directions, and potential pollutant sources at the Site are depicted in Drawing 1. In addition, the potential pollutants associated with the activities conducted at the Site and the stormwater drainage systems at the Site are detailed in this section.

TABLE 4-1 SUMMARY OF DRAINAGE AREAS

Location of Discharge Point	Sequential Number & Descriptor	Estimate of Runoff Coefficient of Drainage Area
North edge of Site, farthest right outfall	001 Lower Roof	0.95
North edge of Site, middle outfall	002 North Loading Area	0.95
North edge of Site, second from left outfall	003 Site Entrance	0.53
North edge of Site, second from right outfall	004 Upper Roof	0.95
North edge of Site, farthest left outfall	005 Parking Lot	0.61
East corner of Site	006 South Loading Area	0.52

4.1.1 Drainage Area 001

Drainage Area 001 consists of the lower roof areas of the building not covered by Drainage Area 004. This drainage area contains roof exhaust vents for the welding operations and spray washing operations conducted within the plant. Operations conducted within the building in this drainage area include powder painting, and sheet metal fabrication. An interior loading bay is also located at the southeast corner of the building and contains a dumpster for scrap metals and a loading dock where sheet metal is received. This interior loading area contains a floor drain, which connects to an oil/water separator that drains to the sanitary sewer.

Roof leaders convey stormwater runoff to wetlands through a 15-inch high density polyethylene (HDPE) pipe with a flared end and riprap outlet protection. This outfall is monitoring location DSN-001.

Potential pollutant sources located within Drainage Area 001 include:

- Contaminants from exhaust emissions

- Leakage of oil and grease from fourteen (14) rooftop HVAC units
- Vents from powder coating, laser welding, welding, and wash tank operations

4.1.2 Drainage Area 002

Drainage Area 002 is located to the northwest of the building and consists of a paved driveway and two loading dock areas. Loading and unloading operations are confined to the designated areas at the north and northwest corners of the building. Compactors for general refuse, and cardboard and crushed wood, are also located in this area. Newly fabricated vendor-supplied wood pallets are stored on pavement adjacent to the plant and directly next to wetlands.

The stormwater collection system within this drainage area consists of one catch basin that discharges stormwater to wetlands through an 18-inch HDPE pipe with a flared end and riprap outlet protection. This is monitoring outfall DSN-002.

Potential pollutant sources located within Drainage Area 002 include:

- Contaminants from material transfer activities and truck traffic associated with the two loading dock areas
- Contaminants from the release of wastes and oil from the compactors and their associated hydraulic reservoirs

4.1.3 Drainage Area 003

Drainage Area 003 is located to the south and west of the building and consists of two bituminous parking areas and landscaped lawn. A fire hydrant and utility-owned electrical transformer are also located along the west side of the building. The stormwater collection system within this drainage area consists of three (3) catch basins connected by a single stormwater line that discharges to wetlands through a 24-inch RCP with a flared end and riprap outlet protection.

No industrial activity occurs within Drainage Area 003. Potential pollutant sources located within this area include:

- Oil and grease due to minor leaks from traffic on the paved driveway areas
- Oil from potential leaks from the electrical transformer

4.1.4 Drainage Area 004

Drainage Area 004 consists of the roof areas of the light assembly and office areas of the building. Fifteen (15) HVAC units are located within this drainage area. Roof drains collect stormwater runoff and discharge to wetlands through a 12-inch flared end RCP with riprap outlet protection.

No industrial activity occurs within Drainage Area 004. Potential pollutant sources located within Drainage Area 004 include:

- Leakage of oil and grease (O&G) from rooftop HVAC units.

4.1.5 Drainage Area 005

Drainage Area 005 is located at the western side of the Site and consists of two bituminous parking areas and landscaped parking lot islands and lawn. The stormwater collection system within this drainage area consists of three (3) catch basins connected by a linear stormwater line that discharge to wetlands through an 18-inch flared end reinforced concrete pipe (RCP) with riprap surrounding the outlet for protection.

No industrial activity occurs within Drainage Area 005. Potential pollutant sources located within this area include:

- Oil and grease due to minor leaks from traffic on the paved driveway areas

4.1.6 Drainage Area 006

Drainage Area 006 consists of a paved area and landscaped lawn to the southeast of the building. The paved driveway is connected to the interior loading area, which is covered by the building. The stormwater collection system within this drainage area consists of one (1) catch basin. This basin discharges to the Farmington MS4 through a 15-inch HDPE pipe.

No industrial activity occurs within Drainage Area 006. Potential pollutant sources located within this area include:

- Oil and grease due to minor leaks from traffic on the paved driveway area.

4.2 **Non-Stormwater Discharges**

At the time of certification of this Plan, there are no non-allowable, non-stormwater discharges entering the stormwater drainage system. The Certification of Non-Stormwater Discharges is included in Section 2.3 of this Plan, and the supporting information for the certification is provided in Appendix C, Certification of Non-Stormwater Discharges Supporting Information.

ebm has a total of 29 HVAC units. Uncontaminated condensate from the units is either discharged onto the roof of the Site building or the ground and either evaporates during warmer weather or enters the stormwater collection system.

ebm is permitted under State Pollutant Discharge Elimination System (SPDES) Permit No. SP0002406 for the discharge of parts washing wastewaters to the Town of Farmington Publicly Owned Treatment Works.

Discharges from the oil/water separator are conveyed to the sanitary sewer and covered under the *General Pretreatment Permit for Significant Industrial User, Dewatering, and Remediation Discharges* (formerly the *General Permit for the Discharge of Wastewaters from Significant Industrial Users*).

4.3 Summary of Potential Pollutant Sources & Controls

Table 4-2, Inventory of Exposed Materials, provides an inventory of the potential pollutant sources located within the discharge drainage areas of the Site. In addition, a detailed description of the potential pollutant sources related to stormwater runoff is presented in this section. Areas of concern due to their potential to contribute to stormwater pollution at the Site include outdoor storage areas, material handling areas, and roof areas. ebm will notify CT DEEP no fewer than 30 days prior to making any planned physical alterations or additions to the Site that qualify the Site as a new source or that could significantly change the nature or significantly increase the quantity of pollutants discharged.

4.3.1 Outdoor Material Storage

One enclosed trash compactor for general plant refuse is located at the north corner of the building, and one enclosed trash compactor for cardboard and crushed wood is located at the northwest corner of the building.

Two enclosed trash compactors for cardboard trimmings with external hydraulic reservoirs are located on the southeast corner of the building. The compactors are inspected monthly for signs of leakage that could cause stormwater contamination and to confirm the dumpsters drain plugs are intact.

One electrical transformer is located on the west side of the building. Due to the design and operational integrity of the transformer, the potential for stormwater pollution is considered to be relatively insignificant. Any minor seepage of transformer oil would be quickly detected during monthly inspections conducted by ebm. If a transformer oil release is observed by ebm personnel, ebm should immediately notify the utility company to mitigate the release.

4.3.2 Material Handling

The facility has two loading dock areas in the northeast and northwest corners of the building. The loading docks are used for the receiving of pallets, palletized commercial goods, paints, chemicals for the paint line, and hydraulic oil.

It is not anticipated that the loading and unloading activities will directly impact stormwater quality, unless materials are spilled outside of the facility. If an incidental spill were to occur outside the loading dock areas, ebm would attempt to contain the spilled material using available spill response equipment. If a major spill were to occur, ebm personnel would contact the spill contractor to respond to the spill, and would contain the spill to the best of their ability in the meantime.

4.3.3 Roof Areas

The roof areas have a total of 29 HVAC units which contain pollutants that may leak on the roof surface, impacting stormwater quality. Uncontaminated condensate from HVAC units, an allowable non-stormwater discharge, is discharged onto the roof surface. Process exhaust vents from the spray wash tank and welding areas are located on the southeastern side of the building.

4.3.4 Outdoor Maintenance Activities

The performance of outdoor maintenance activities, other than those necessary to maintain equipment which is normally located outside the facility (i.e. roof-top HVAC units or compactors) should be discouraged. In the event outdoor maintenance is necessary, precautions should be taken by maintenance personnel to ensure that activities do not result in any spills or leaks which could potentially impact stormwater.

4.3.5 De-icing Material Storage

ebm does not store de-icing materials outdoors. All solid de-icing materials are placed by the snow removal contractor.

4.4 **Spills and Leaks**

Under the GP, Section 4.3.2.4(b), ebm is required to document any spills or leaks of five (5) gallons or more of petroleum products, or of toxic or hazardous substances that could affect stormwater. A log for documenting spills is provided in Appendix D, Log of Significant Spills and Leaks (≥5 gallons), and should be maintained for the life of this Plan.

5. MEASURES AND CONTROLS

Control measures implemented by ebm include BMPs and other structural and non-structural practices which are used to prevent or minimize the discharge of pollutants to stormwater. A combination of management procedures, structural controls, and employee training provides the most effective means of stormwater management. The GP contains a list of control measures and inspection frequencies that are expected to be in place to minimize the discharge of pollutants in stormwater runoff from the Site. This section details the control measures in place and management practices that should be implemented at ebm.

5.1 Good Housekeeping

In general, good housekeeping practices are designed to maintain a clean and orderly work environment. Poor housekeeping in areas that are exposed to rainfall can result in an increased potential for stormwater contamination. A clean and orderly Site reduces the possibility of accidental spills caused by mishandling of chemicals and equipment and should reduce safety hazards to Site personnel. Well maintained material and chemical storage areas will reduce the possibility of stormwater being exposed to pollutants. The following is a list of good housekeeping practices that should be implemented at the Site:

- Sweep or vacuum at regular intervals or, alternatively, wash down the area and collect and/or treat, and properly dispose of the washwater.
- Store materials in appropriate containers. Liquid materials require appropriate secondary containment and cover.
- Minimize the potential for waste, garbage, and floatable debris to be discharged by keeping exposed areas free of such materials, or by intercepting them before they are discharged.
- Ensure that all dumpsters, trash compactors, and roll-off containers used to store waste or recyclable materials are in sound, watertight condition and have covers and drain plugs intact, are in roofed areas or in secondary containment areas that will prevent exposure to rainfall.
- Loading docks (excluding those that allow a vehicle to enter the building) must be protected with a permanent roof or other structure that protects the loading dock from direct rainfall.
- Stormwater collection and drainage facilities adjacent to the loading dock must be designed and maintained in a way that prevents any materials spilled or released at the loading dock from discharging to the storm sewer system.

- Eliminate or otherwise seal floor drains which are connected to a storm sewer system or if the connection is unknown.
- Identify roof areas that may be subject to drippage, dust or particulates from exhausts or vents or other sources of pollution. Inspect such areas to determine if any potential sources of stormwater pollution are present, and if so, minimize the sources or potential sources of pollution.

5.2 Preventive Maintenance (PM)

PM activities, as outlined in the GP, include the following:

- Inspection and maintenance of stormwater management devices (e.g., cleaning stormwater treatment devices, catch basins) that could fail and result in contamination of stormwater.
- Visual inspection, maintenance, and/or testing of on-site equipment and systems to identify conditions that could cause breakdowns or failures resulting in discharges of pollutants to stormwater.
- Maintaining non-structural control measures, such as keeping spill response supplies available, and ensuring that personnel are appropriately trained.
- Cleaning catch basins when the depth of debris reaches half of the sump depth and keeping the debris surface at least six inches below the lowest outlet pipe.

The Manufacturing Engineering Manager is responsible for PM at the Site. PM activities performed by ebm include the inspection and maintenance of stormwater management devices, the visual inspection, testing, and maintenance of on-site equipment and systems such as exhaust vents from wash and welding areas, and visual inspection of outdoor processing, storage, and maintenance activities.

All stormwater-related maintenance records for the Site are maintained in Appendix E, Maintenance Records. Records for the repair and maintenance of stormwater control measures should include date(s) of regular maintenance, date(s) of discovery of areas in need of repair/replacement, and for repairs, date(s) that the control measure(s) returned to full function, and the justification for any extended maintenance/repair schedules.

5.3 Spill Response Procedures

ebm should maintain emergency response procedures in order to minimize hazards to human health or the environment caused by fires, explosions, or any unplanned release of oil products or toxic or hazardous substances. In the event of a release or spill, ebm should follow the Spill Response Procedures provided in Appendix F of this Plan. ebm employees are only authorized to respond to incidental releases as defined by the Occupational Safety and Health Administration (OSHA) in 29 Code of Federal Regulations (CFR) 1910.120. In the event of a non-incidental release, ebm will contact a spill contractor to mitigate the release.

For any spill, leak, release, or discharge of non-stormwater not authorized by the GP or another permit, the PPT Leader should report it to the CT DEEP Emergency Response and Spill Prevention by calling **860-424-3338 or 866-DEP-SPIL (866-337-7745, toll free),** 24 hours/day. Signs with emergency contact information should be posted throughout the Site.

For any oil release that violates state water quality standards, causes a film or sheen on the water's surface, or leaves sludge or emulsion beneath the surface, the PPT Leader should report it to the EPA's National Response Center (NRC) at (800) 424-8802.

5.4 Employee Training

All employees whose activities may affect stormwater quality must receive training within 90 days of employment and at least once a year thereafter. Employees who should receive training include but are not limited to: PPT Members; employees responsible for implementing activities necessary to meet the conditions of the GP (e.g., inspectors, maintenance personnel); and, employees who work in areas where industrial materials or activities are exposed to stormwater.

The PPT Leader is responsible for organizing an adequate stormwater training program. Training must be conducted or supervised by a Member of the PPT or other qualified person and a written record of training must be maintained in Appendix G, Training Records, including the dates of training, employee name, employee responsibility, and training agenda.

If related to the scope of their job duties, personnel must be trained in at least the following:

- An overview of what is in the SWPPP;
- Spill response procedures, emergency equipment locations, good housekeeping, maintenance requirements, and material management practices;
- The location of all controls on the Site required by the GP, and how they are to be maintained;
- The proper procedures to follow with respect to the control measures on-site;

- When and how to conduct inspections, record applicable findings, and take corrective actions; and,
- The Site's emergency procedures.

The PPT Leader must also ensure the following personnel understand the requirements of the GP and their specific responsibilities with respect to those requirements:

- Personnel who are responsible for the design, installation, maintenance, and/or repair of controls (including pollution prevention measures);
- Personnel responsible for the storage and handling of chemicals and materials that could become contaminants in stormwater discharges;
- Personnel who are responsible for conducting and documenting inspections and monitoring; and,
- Personnel who are responsible for taking and documenting corrective actions.

5.5 Sediment and Erosion Control

As required by the GP, Section 4.2.9, ebm must identify areas of the Site that have a potential for soil erosion due to topography, activities, or other factors, and must include measures to limit erosion and stabilize such areas. No areas susceptible to erosion or showing signs of erosion were observed during comprehensive inspections. No polymers or other chemical treatments for erosion and sediment control are in use at the Site. To avoid soil erosion, ebm will maintain ground cover and riprap plunge pools at drainage discharges.

5.6 Management of Runoff

Runoff management at the Site consists of a series of catch basins, roof drains, and piping. The Site drainage system directs stormwater drainage to five point sources which discharge to the wetlands located northwest of the Site, and one point source that discharges to the Farmington MS4.

ebm shall investigate the need for stormwater management or treatment practices that shall be used to divert, infiltrate, reuse, or treat stormwater runoff in a manner that minimizes pollutants in stormwater discharges from the Site. ebm shall implement and maintain stormwater management or treatment measures determined to be reasonable and appropriate to minimize the discharge of pollutants from the Site.

5.7 Equipment and Vehicle Washing

Exterior equipment or vehicle washing does not take place at the Site.

5.8 Future Construction

Any construction activity that disturbs greater than one acre must be conducted in accordance with the General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities (as amended), including the creation of a Stormwater Pollution Control Plan. All construction activities, regardless of size, shall comply with the Connecticut 2024 Guidelines for Soil Erosion and Sediment Control during construction and the 2024 Stormwater Quality Manual for the design and implementation of post-construction stormwater management measures. In addition, ebm must avoid, wherever possible, the use of copper or galvanized roofing or building materials where these materials will be exposed to stormwater.

Any evaluation, construction, or modification of the design of an engineered stormwater drainage system, as defined in the Connecticut Stormwater Quality Manual, requires certification by a Professional Engineer (PE).

5.9 Resilience Measures

ebm will consider the resilience measures outlined in Section 4.2.3.8 of the GP when selecting and designing new stormwater control measures.

6. INSPECTIONS

The GP requires two types of inspections: routine inspections that must be conducted monthly; and, comprehensive site inspections that must be conducted semiannually. The primary purpose of these inspections is to ensure that management practices and control measures prescribed in this Plan are being implemented correctly and effectively. In addition, the inspections can help determine if changes to stormwater management practices and controls measures need to be made due to changes at the Site. Inspections must be performed by qualified personnel. Routine and semiannual inspections will be conducted by an outside contractor along with a PPT Member.

6.1 Routine Inspections

The Site shall complete the required routine inspections on a monthly basis. At least one routine inspection per calendar year must be conducted while a stormwater discharge is occurring. A Monthly Inspection Form is provided in Appendix H to facilitate and document the completion of the inspections.

During normal operating hours, ebm must conduct inspections of areas covered by the requirements in the GP, including, but not limited to, the following:

- Areas where industrial materials or activities are exposed to stormwater;
- Areas identified in this Plan and those that are potential pollutant sources;
- Areas where spills and leaks have occurred in the past three years; and,
- Stormwater discharge points.

Copies of the completed inspection forms should be maintained in Appendix H of this Plan for a period of no less than five (5) years after the date that coverage under the GP expires or is terminated.

6.2 Semiannual Comprehensive Compliance Evaluations

In accordance with the requirements of the GP, Section 4.4.3, Comprehensive Site Compliance Evaluations must be performed at the Site on a semiannual basis (twice per year). These evaluations should be conducted during a rainfall event if possible. They should consist of a documentation review, interviews with Site personnel, and a visual inspection of the Site. A Semiannual Comprehensive Compliance Evaluation Form is provided in Appendix I. During normal operating hours, ebm must conduct inspections of areas of the Site covered by the requirements in the GP, including, but not limited to, the following:

- Drainage areas;
- Buildings, structures, permanent cover, and impervious area;
- Structural control measures;
- Non-structural stormwater control measures;
- Stormwater Management Systems;
- Stormwater discharge points;
- Areas where industrial materials or activities are exposed to stormwater;
- Industrial materials storage areas;
- Materials handling activities areas;
- Other areas where industrial activity has taken place;
- Areas identified in the SWPPP and those that are potential pollutant sources); and,
- Spill prevention and response procedures (e.g., presence of spill kits and dry clean-up methods).

Completed forms must be maintained as a part of this Plan in Appendix I for a period of no less than five (5) years after the date that coverage under the GP expires or is terminated.

6.3 Inspection Follow-Up

Upon completion of each inspection, the routine inspection logs or semiannual inspection reports must be reviewed by the PPT Leader to identify observations or unsatisfactory conditions that require remedial action. The PPT Leader is responsible for ensuring that appropriate actions are taken to remedy unsatisfactory conditions in a timely manner. Any corrective actions taken should also be recorded on the inspection forms.

7. STORMWATER MONITORING PROGRAM

The GP requires ebm to perform stormwater outfall monitoring. ebm operates under SIC Code 3564, and therefore is subject to the monitoring requirements for Sector AB (Transportation Equipment, Industrial or Commercial Machinery Facilities) under Section 8.28 of the GP. The monitoring requirements are detailed in the following subsections. Stormwater monitoring will be conducted by an outside contractor.

A summary of the stormwater discharge sampling data that was collected by ebm under the previous permit (*General Permit for the Discharge of Stormwater Associated with Industrial Activity*) is provided in Appendix J, Summary of Monitoring During Previous Permit Term.

7.1 Stormwater Sampling Locations

As described in Section 4.1 of this Plan, the Site has a total of six point source discharges of stormwater. Industrial activities do not occur in Drainage Areas 003, 004, 005, and 006, so sampling is not required in these areas. The sampling location for Drainage Area 001 is DSN-001, a 15-inch flared end HDPE pipe located north of the building. The sampling location for Drainage Area 002 is DSN-002, an 18-inch flared end HDPE pipe located northwest of the building. The pipe types and materials for all discharge locations are included on Drawing 1.

The Site does not discharge within 500 feet of a tidal wetland. The stormwater from the Site from Drainage Areas 001-005 discharges to Scott Swamp Brook (no Waterbody ID), which does not have a Total Maximum Daily Load (TMDL) and is classified as "A" water quality. The stormwater from the Site from Drainage Area 006 discharges to the Farmington MS4.

7.2 Stormwater Monitoring Procedures

The following sampling procedures must be followed during the quarterly, semiannual, and annual sampling events:

- Samples can only be collected from a storm event that occurs at least 72 hours after the last previous storm event generating a stormwater discharge from the Site.
- For sites that discharge through a detention basin or other stormwater management structure, the sample must be taken at the discharge from the basin or structure.
- Grab samples shall be used for all monitoring and shall not be commingled or combined with other waste streams.
- Collection of grab samples must begin within the first 30 minutes of stormwater being discharged at the sampling location and must be completed as soon as possible. If collection

is more than 30 minutes after discharge begins, the reason for the delay must be documented on the sampling form and in Appendix K, Deviations from Monitoring Schedule.

- Samples must be collected at the designated outfalls or at the nearest feasible location representative of the discharge if the designated sampling location is inaccessible.
- All samples for a monitoring event must be taken during the same storm event, if feasible.

The following information must be collected and recorded for the storm events monitored:

- The place, date, and time of sampling and the time the discharge started;
- The person(s) collecting samples;
- The dates and times the analyses were initiated;
- The person(s) or laboratory that performed the analyses;
- The analytical techniques or methods used; and,
- The results of all analyses.

7.3 Quarterly Visual Assessment

Once each quarter for the entire permit term, ebm must collect stormwater discharge samples from the sample locations designated in Section 7.1 of this Plan and conduct visual assessments for specific water quality characteristics. For monitoring purposes, the quarters begin on January 1st, April 1st, July 1st, and October 1st. If the Site is subject to snowfall during one or more of these quarters, at least one quarterly visual assessment must capture snowmelt discharge if feasible and the corresponding form should be annotated to indicate this.

The visual assessment must be made with the sample in a clean, colorless glass or plastic container and in a well-lit area. During the assessment, the sample must be qualitatively evaluated for the following water quality characteristics:

- Color;
- Odor;
- Clarity (diminished);
- Floating solids;
- Settled solids;
- Suspended solids;
- Foam;
- Oil sheen; and,
- Other obvious indicators of stormwater pollution.

A Quarterly Visual Assessment Form is included in Appendix L. This form can be used to document the results of each visual assessment event. If unsatisfactory water quality characteristics are observed during a visual assessment, this may indicate that the stormwater pollution control measures at the Site are inadequate or are not being properly implemented or maintained. After an unsatisfactory assessment, ebm must review and revise this Plan as appropriate, following the corrective action schedule in Section 8.2 of this Plan. A monitoring Remedial Action Log is also included in Appendix L. This form should be used to document any corrective actions or changes in control measures completed as result of an unsatisfactory visual assessment.

If ebm is unable to collect a visual assessment sample during an entire sampling quarter, the circumstances pertaining to this must be documented and the documentation must be maintained in Appendix K of this Plan.

7.4 Benchmark and Toxicity Monitoring

In addition to quarterly visual assessments, ebm must perform benchmark stormwater monitoring for the parameters listed in Table 7-1, Summary of Sector AB Monitoring Requirements, at the specified frequencies.

The first semiannual benchmark monitoring event of each sampling year must be conducted between January 1st and June 30th, and the second must be conducted between July 1st and December 31st. Monitoring events must be separated by at least 30 days. The semiannual stormwater samples may be collected along with the quarterly visual samples. As with the quarterly visual assessment, the stormwater discharge samples must be collected from the sample locations designated in Section 7.1 of this Plan.

7.5 Aquatic Toxicity Monitoring

Annual aquatic toxicity monitoring must be performed in the first year after receiving the Notice of Coverage from CT DEEP's Commissioner. Aquatic Toxicity must be included in a regularly scheduled semiannual sample.

7.6 Monitoring of Discharges to Impaired Waters

Impaired waters are waterbodies that have been assessed by CT DEEP as not meeting Connecticut's Water Quality Standards for a given designated use such as fish and wildlife habitat, recreation, or agricultural and industrial supply. According to the GP, industrial activities that discharge directly to impaired waters, as identified by CT DEEP, must conduct stormwater monitoring in addition to the standard benchmark monitoring discussed in Section 7.4 of this Plan.

All fresh waterbodies in the state of Connecticut are considered impaired for fish consumption due to atmospheric deposition of mercury. Sites where stormwater is or could be exposed to sources of mercury must monitor for mercury once per year. Due to the operations conducted by ebm, the Site does not have the potential to contaminate stormwater with mercury and therefore no additional monitoring for mercury is required.

In order to achieve water quality standards for dissolved oxygen in Long Island Sound, a statewide limit has been implemented by CT DEEP to address nitrogen loading to the Sound. Monitoring for nitrogen in stormwater runoff, in the form of nitrate and total Kjeldahl nitrogen, is already required by the GP.

Based on a review of CT DEEP's list of impaired waters, none of the Site's drainage areas discharge directly into any impaired waters, so no additional monitoring is required.

7.7 Test Procedures

The following testing procedures must be followed:

- All pollutant parameters must be tested according to methods pursuant to 40 CFR 136 for the analysis of pollutants having approved methods under that part, unless a method is required under 40 CFR Subchapter N or unless an alternative method has been approved in writing pursuant to 40 CFR 136.5.
- Acute toxicity biomonitoring tests must be conducted according to the procedures specified in Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms, 5th Edition (Environmental Protection Agency (EPA) 821-R-02-012).

A list of the required monitoring parameters should be submitted to the analyzing laboratory prior to a sampling event, so that the lab can supply ebm with the necessary collection containers. It is recommended that an extra set of containers be obtained in the event any are damaged during the sampling event or in transport from the laboratory. The laboratory may also provide coolers and corresponding paperwork such as a chain-of-custody form and sample container labels. Instructions for the proper completion of the corresponding paperwork may be obtained through the laboratory.

7.8 Evaluation of Benchmark Monitoring Results

As required by the GP, Section 4.5.1, the results of ebm's Semiannual Benchmark Monitoring must comply with the benchmarks for the parameters specified in Table 7-1. ebm must calculate the average of the monitoring results from the four (4) most recent sampling events for each of the

parameters. For averaging purposes, if a parameter is detected at a concentration less than the analyzing laboratory's method detection limit, a value equal to half the method detection limit reported by the laboratory should be used. For sample values that fall between the method detection level and the reporting level (i.e., a confirmed detection but below the level that cannot be reliably quantified), a value equivalent to half the reporting level reported by the analyzing laboratory should be used. These averages must then be compared to the benchmark values listed in Table 7-1. If ebm fails to collect a sample during an entire semiannual benchmark monitoring period, monitoring results from preceding semiannual periods cannot be used for averaging purposes.

7.8.1 Data Not Exceeding Benchmarks

If the average of the four most recent consecutive semiannual monitoring results for any parameter is less than or equal to the benchmarks, ebm can discontinue monitoring for that parameter for a maximum of two (2) years. An exemption for sample pH cannot be earned until exemptions for all other parameters are met. Once ebm is able to discontinue monitoring for all parameters, CT DEEP should be notified of the change of monitoring frequency by email at DEEP.StormwaterIndustrial@ct.gov.

7.8.2 Data Exceeding Benchmarks

An exceedance occurs for a parameter if the average of four (4) consecutive semiannual monitoring values exceeds the benchmark threshold, or if fewer than four (4) samples have been collected but a but a single sample exceeds the benchmark threshold by more than four (4) times that parameter's threshold.

In the case of an exceedance, ebm must follow the corrective action schedule outlined in Section 8.3 of this Plan. Failure to conduct any required corrective actions after a benchmark exceedance occurs is a permit violation.

7.8.3 Off-Site Pollutant Levels

Following the first four (4) semiannual events of benchmark monitoring (or sooner if the exceedance is triggered by less than four (4) monitoring events), if the average concentration of a pollutant exceeds a benchmark value, and ebm determines that exceedance of the benchmark is attributable solely to the presence of that pollutant in "run-on" entering from off-site, ebm is not required to perform corrective actions or additional benchmark monitoring provided all of the following conditions are met:

- The average concentration of the benchmark monitoring results is less than or equal to the pollutant concentration in "run-on" entering from off-site (Including changes in pH due to rainfall).
- ebm documents and maintains with this Plan the supporting rationale for concluding that benchmark exceedances are in fact attributable solely to "run-on" entering from off-site, including any supporting rationale or any data previously collected by them or others.
- ebm demonstrates that the diversion of off-site run-on containing these pollutant levels is infeasible through engineering analysis.
- ebm notifies CT DEEP's Commissioner of the findings, and the Commissioner issues a written approval of the permittee's documentation demonstrating that the benchmark exceedances are attributable solely to off-site pollutant levels.

7.8.4 Inability to Collect a Sample

If a benchmark monitoring sample cannot be collected during an entire semiannual monitoring period, a Discharge Monitoring Report (DMR) should still be submitted as per Section 7.9.1 of this Plan. In such a case, ebm must indicate in NetDMR any failure to monitor during the regular reporting period with an explanation of the limitations restricting the collection of an appropriate sample. The appropriate No Data Indicator code from the GP should be included on the DMR. Documentation should also be maintained in Appendix K. Reasons may include the absence of a 72-hour period of dry weather, the absence of a rain event that produces a stormwater discharge, the absence of a discharge from a detention or retention basin, or adverse weather conditions preventing access to the stormwater discharge location. The timing of a rain event is not an acceptable reason to fail to sample unless it precludes the analysis of a parameter within the acceptable hold time specified by a laboratory.

7.9 **Reporting and Record Retention**

7.9.1 Benchmark Monitoring

ebm will submit DMRs until via email to DEEP.StormwaterIndustrial@ct.gov until the Notice of Coverage is received by CT DEEP's Commissioner. Following this, DMRs must be submitted to CT DEEP via NetDMR. Stormwater DMR forms must be submitted no later than 30 days after the end of the monitoring period. Aquatic toxicity testing results should be submitted in NetDMR along with the corresponding semiannual results.

7.9.2 Annual Report

An Annual Report summarizing monitoring data, site inspections, visual assessments, corrective actions, and noncompliance during the previous calendar year must be submitted to CT DEEP by April 15th of each year. A template for the Annual Report will be included in Appendix M, Annual Report Template. The Annual Report shall be submitted via email to DEEP.StormwaterIndustrial@ct.gov.

7.9.3 Records Retention

All records pertaining to stormwater monitoring activities including submitted DMR forms, laboratory reports, field data collection forms, and visual assessment records must be maintained in the appropriate location (Appendix N, Semiannual Monitoring Records, or Appendix L, Quarterly Visual Assessment Form) and retained for at least five (5) years beyond the expiration date of the GP.

7.9.4 Permit Noncompliance

Any incidences of GP noncompliance should be recorded. If there is an incidence of noncompliance that constitutes a permit violation, ebm should notify CT DEEP's Commissioner via the Online Noncompliance Reporting web-based platform.

8. CORRECTIVE ACTIONS

8.1 Conditions Requiring Corrective Actions

When conditions requiring corrective actions occur or are detected through inspections, monitoring or other means, ebm must take the appropriate corrective actions. Failure to take corrective action is a violation of the GP. All corrective action documentation should be maintained in Appendix O, Corrective Action Measure Documentation. The form in Appendix O should be filled out for any of the following conditions which require corrective actions:

- A discharge or representative discharge exceeds an applicable benchmark threshold in Table 7-1 after four consecutive semiannual measurements (or is mathematically certain to do so after less than four measurements)
- A discharge exceeds a numeric effluent limitation guideline
- A discharge is inconsistent with the assumptions and requirements of an Applicable TMDL and its Wasteload Allocation
- A spill, leak, release, or discharge of non-stormwater not authorized by the GP or another permit
- A required control measure is not stringent enough for a stormwater discharge to be controlled as necessary such that the receiving water will meet applicable water quality standards
- A required control measure was never designed, installed, implemented, or maintained
- Construction or a change in design, operation, or maintenance at the Site occurs that significantly changes the nature or quantity of pollutants discharged
- Color, odor, floating solids, settled solids, suspended solids, or foam observed in discharge water
- CT DEEP's Commissioner may utilize enforcement discretion to require additional corrective actions in response to permit violations

The specific corrective action requirements for each of the above conditions are laid out in GP Section 4.6.

8.2 Corrective Action Schedule

When Corrective Action Measures (CAMs) are necessary, they must be taken according to the following schedule. If corrective actions result in changes to any of the controls or procedures documented in the SWPPP, ebm must modify the SWPPP accordingly within fourteen (14) calendar days of completing corrective action work.

8.2.1 Immediate Actions (Within 1-2 Days)

If corrective action is needed, the permittee must immediately take all reasonable steps necessary to minimize or prevent the discharge of pollutants until a permanent solution is installed and made operational, including cleaning up any contaminated surfaces so that the material will not discharge in subsequent storm events.

8.2.2 Subsequent Actions (Within 14-60 Days)

If additional actions are necessary (e.g., installing a new or modified control measure or completing a repair), they must be completed before the next storm event, if possible, and within fourteen (14) calendar days from the time of discovery of the corrective action condition.

If it is not feasible to complete the corrective action within fourteen (14) calendar days, ebm must document the reason why. They must also identify a schedule for completing the work, which must be done as soon as practicable and but no longer than sixty (60) days after discovery. Documentation must be maintained within Appendix O of this Plan.

8.2.3 Extension (Greater than 60 Days)

If the completion of corrective actions will exceed the 60-day timeframe, ebm must document their intention to exceed 60 days, the rationale for an extension, and a completion date. Documentation must be maintained within Appendix O of this Plan.

If a structural control measure is needed for a level 3 corrective action measure, ebm may take up to one-hundred and twenty (120) days to install such measures. Any extension beyond this must be obtained from CT DEEP's Commissioner.

8.2.4 Follow-Up Sampling

For those corrective action triggering conditions that require or recommend follow-up sampling, ebm will have an additional thirty (30) calendar days (or until the next qualifying storm event, should none occur within thirty (30) calendar days) after implementing CAM Level 1, 2, or 3 to collect the follow-up sample. Once sampling results are received, the results must report be reported by email to DEEP.StormwaterIndustrial@ct.gov within thirty (30) days.

8.3 **CAM Levels**

ebm must enact the following corrective action measures when a corrective action triggering condition occurs. Corrective actions should follow the schedule above, and should be documented in Appendix O.

8.3.1 CAM Level 1: Review SWPPP and Stormwater Control Measures

Immediately review the SWPPP and the selection, design, installation, and implementation of the stormwater control measures to ensure the effectiveness of existing measures and determine if modifications are necessary to meet GP conditions. After the review, ebm must either:

- Implement additional measures, considering good engineering practices, that would reasonably be expected to address the triggering condition; or,
- Determine nothing further needs to be done, and document their rationale and include relevant information in the SWPPP as to why they expect the existing control measures and best management practices to be sufficient to meet permit requirements.

If subsequent inspections and/or follow-up monitoring data indicate that the triggering condition persists after the steps taken for CAM Level 1, CAM Level 2 is initiated.

8.3.2 CAM Level 2: SWPPP Review and Additional Stormwater Control Measures

Review the SWPPP again and implement additional pollution prevention/good housekeeping stormwater control measures beyond those already in place. Subsequent control measures should consider good engineering practices, beyond what was done in the initial response, that would reasonably be expected to be expected to control the release of pollutants.

If subsequent inspections and/or follow-up monitoring data indicate that the triggering condition persists for a third time after the steps taken for CAM Level 2, CAM Level 3 is initiated.

8.3.3 CAM Level 3: Implementation of Structural Control Measures

Install structural source controls (e.g., permanent controls such as permanent cover, berms, and secondary containment), and/or treatment controls (e.g., sand filters, hydrodynamic separators, oil-water separators, retention ponds, and infiltration structures, where applicable). The control measures, treatment technologies, or treatment train should be appropriate for the pollutants that triggered a CAM Level 3 should be more rigorous than the pollution prevention/good housekeeping-type stormwater control measures implemented under Level 2.

ebm must select controls with pollutant removal efficiencies that are sufficient to prevent or minimize pollution of stormwater. ebm must install such stormwater control measures for the discharge point(s) in question and for any discharge point represented by this point, unless they individually monitor those discharge points and demonstrates that Level 3 requirements are not required at those discharge points.

If the issue is still not resolved after CAM Level 3 actions, and further corrective actions are infeasible, ebm may request a waiver from further corrective actions and/or follow-up monitoring. CT DEEP's commissioner will approve or deny the request and may notify ebm that coverage under an individual permit is necessary.

9. AMENDMENT AND DISTRIBUTION OF THE PLAN

In accordance with conditions of the GP, this Plan must be amended under the any of the following conditions:

- There is a change at the Site which has an effect on the potential to cause pollution of the surface waters of the state.
- The actions required by this Plan fail to ensure or adequately protect against pollution of the surface waters of the state.
- CT DEEP's Commissioner requests modification of this Plan.
- ebm is notified that it is subject to requirements because the receiving water to which the industrial activity discharges has been designated as impaired under Section 303(d) of the Clean Water Act and as identified in the most recent State of Connecticut Integrated Water Quality Report.
- ebm is notified that a TMDL to which they are subject has been established for the receiving water to which the stormwater discharges.
- It is necessary to address any significant sources or potential sources of pollution identified as a result of any inspection or visual assessment.
- Amendment is required due to failure to meet the monitoring benchmarks or effluent limitations of the GP.

This Plan must be amended, and all actions required by this Plan must be completed within 120 days (or within another interval as may be specified in the GP or as may be approved in writing by CT DEEP's Commissioner) of the date ebm becomes aware or should have become aware that any of the conditions listed above has occurred. Any changes to this Plan should be recorded on Appendix P, SWPPP Revision Log.

9.1 Recertification of this Plan

If significant changes are made to the Site or to this Plan in accordance with the conditions for amendment of this Plan listed in Section 8 above, this Plan must be recertified in accordance with the "Non-Stormwater Discharges" and "Plan Certification" sections of the GP, by a Qualified Professional as defined in the GP. ebm must maintain compliance with such Plan thereafter.

9.2 Distribution of this Plan

An up-to-date copy of this Plan is maintained by the PPT Leader and accessible to key management, supervisors, and members of the PPT.

9.3 Plan Availability

According to the GP, Section 3.12.1, ebm must make a copy of their registration under the GP available electronically on their official website for public review. Copies of the registration and of this Plan shall also be provided immediately upon request to, if applicable, the municipal operator of the municipal separate storm sewer system to which the Site discharges, and the water company or entity responsible for that water supply if the stormwater discharge is located within a public drinking water supply watershed or aquifer protection area.

If available, on or before thirty (30) days of receipt of a registration and SWPPP, CT DEEP's Commissioner shall post the SWPPP on the CT DEEP website for public review and comment If ebm claims that certain elements of this Plan constitute a trade secret or are otherwise exempt from the disclosure requirements of the state Freedom of Information Act (FOIA) (Section 1-210 et Seq of the Connecticut General Statutes), ebm must follow the procedures provided in the GP registration form instructions regarding information subject to FOIA requirements

TABLES

TABLE 4-2 INVENTORY OF EXPOSED MATERIALS

Drainage Area	Location of Potential Pollutant Source	Activity Generating Potential Pollutant	Pollutants Associated With Source	Method of Storage/Extent of Exposure	Control Measures and Method of Disposal, if Applicable	Outfall(s) Affected by Potential Spills or Leaks
003	Transformer	Potential leakage	Oil and grease	Transformer	Monthly inspections	DSN-003
002	Pallet and Cardboard Compactor	Operation of compactors for cardboard and crushed wood	Oil and grease, Total suspended solids	Enclosed compactor	Good housekeeping Monthly inspections Best Management Practices: Scheduled pickup daily	DSN-002
002	Multi-stream Waste Compactor	Operation of compactor for general refuse	Oil and grease, Total suspended solids	Enclosed compactor	Good housekeeping Monthly inspections Best Management Practices: Pickup 1-2 times per week	DSN-002
002	Loading areas	Materials handling, receiving raw materials/paints, shipping	Oil and grease, Total suspended solids, Metals, pH	Two loading dock areas	Good housekeeping Monthly inspections	DSN-002
002	Outdoor storage	Storage of new pallets	N/A	Pallets stored outdoors	Good housekeeping Monthly inspections	DSN-002
001 004	Roof areas	HVAC units	Oil and grease, Total suspended solids	Rooftop units	Monthly inspections Preventive maintenance	DSN-001 DSN-004
001	Roof areas	Process vents from welding operations	Total suspended solids, Metals (Zinc)	Rooftop vents	Good housekeeping Monthly inspections Preventive maintenance	DSN-001
001	Roof areas	Process vents from spray washer exhaust	Total suspended solids, Metals (Zinc)	Rooftop vents	Good housekeeping Monthly inspections Preventive maintenance	DSN-001
002 003 005 006	Paved areas	Vehicle traffic Sand and salt during winter	Oil and grease, Total suspended solids	Parking areas and driveways	Good housekeeping Monthly inspections	DSN-002 DSN-003 DSN-005 DSN-006

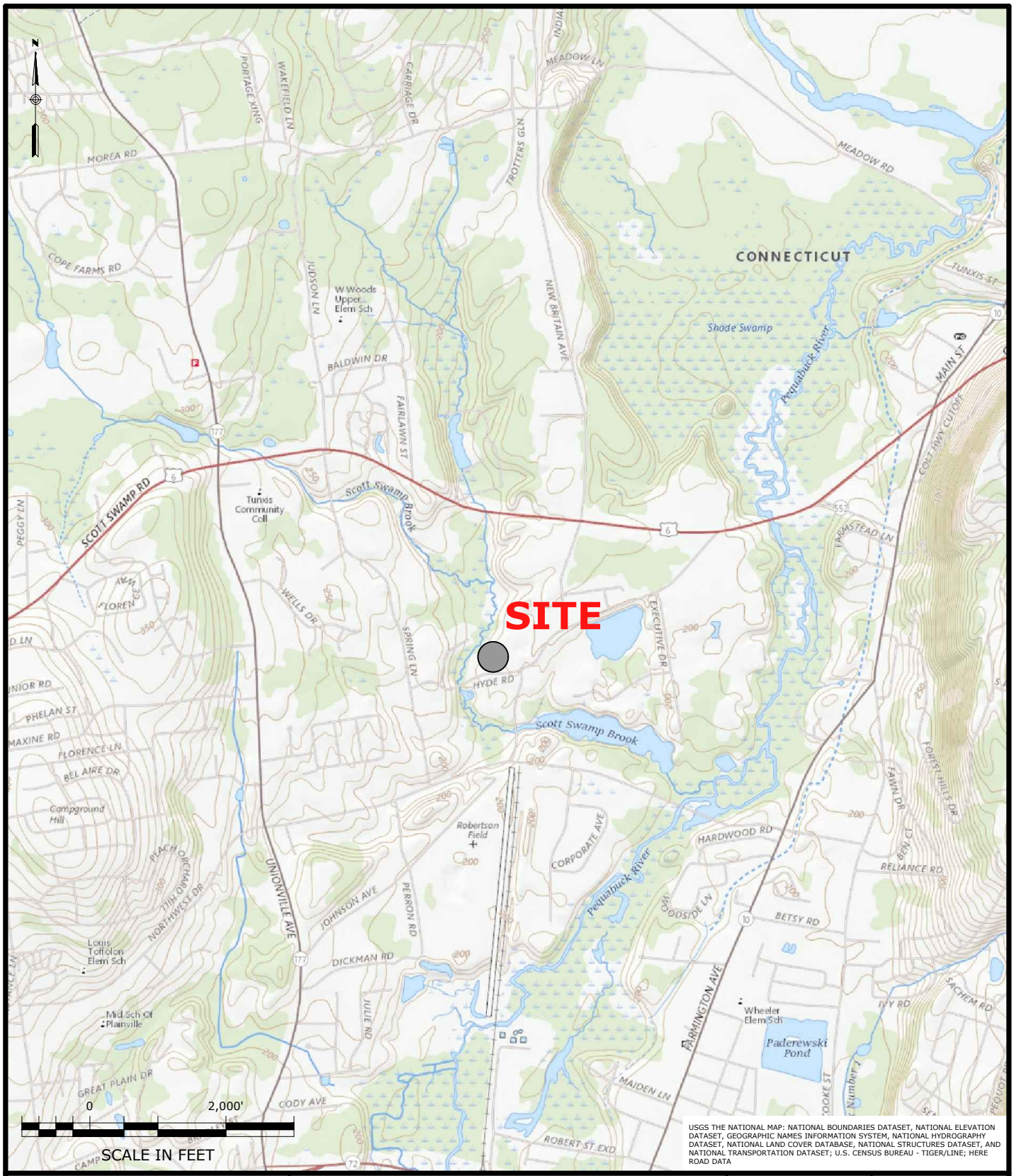
TABLE 7-1 SUMMARY OF SECTOR AB MONITORING REQUIREMENTS

All Monitoring Requirements for Sector AB (Transportation Equipment, Industrial or Commercial Machinery Facilities)				
MONITORING TYPE	INDUSTRIAL ACTIVITY	SCHEDULE	PARAMETER	THRESHOLD OR LIMIT
BENCHMARK GP, Section 4.5.1	Applies to all Sector AB facilities	Semiannually until requirements for benchmark monitoring exemption are met[1]	Chemical Oxygen Demand (COD)	75 mg/L
			Total Oil and Grease (O&G)	5.0 mg/L
			pH	5.0 - 9.0 s.u.
			Total Suspended Solids (TSS)	90 mg/L
			Total Phosphorus (TP)	0.40 mg/L
			Total Kjeldahl Nitrogen (TKN)	2.30 mg/L
			Nitrate as Nitrogen (NO_3-N)	1.10 mg/L
			Total Copper (Cu)	0.059 mg/L
			Total Lead (Pb)	0.076 mg/L
			Total Zinc (Zn)	0.160 mg/L
ADDITIONAL GP, Section 4.5.2	Applies to all Sector AB facilities	No additional monitoring for Sector AB		
EFFLUENT LIMITS GP, Section 4.5.3	Applies to all Sector AB facilities	No effluent limits for Sector AB		
AQUATIC TOXICITY GP, Section 4.5.4	Applies to all Sector AB facilities	Once in the permit term[3]	LC_{50} for *Daphnia pulex*	None
			LC_{50} for *Mysidopsis bahia*	
IMPAIRED WATERS GP, Section 4.5.5	Applies to all Sector AB facilities	Annually	N/A	

[1] Facilities may qualify for benchmark exemptions for a maximum of 2 years at a time (in addition to GP, Section 4.5.1).
[2] DEEP Water Quality Plans and Assessment Map: https://portal.ct.gov/DEEP/Water/Water-Quality/Water-Quality-305b-Report-to-Congress.
[3] Aquatic toxicity testing shall be performed in the first year after receiving the Notice of Coverage from CT DEEP's Commissioner and the results shall be reported in NetDMR.

FIGURE 1

USGS Site Location Map



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LOCATION MAP

SWPP & CERTIFICATION 2020
100 HYDE ROAD, FARMINGTON CONNECTICUT
PREPARED FOR:
EBM - PAPST INC

SCALE
1" = 2,000'

COMM. NO.
26EP0.01

DATE
4/3/2020

V:\CT\FARMINGTON\HYDE RD-100\SWPP & CERT_2020_26EP001\DWGS\COMPILATION BASE PLAN.DWG Tab: USGS Saved: 4/3/2020 11:08 AM Plotted: 4/3/2020 11:19 AM

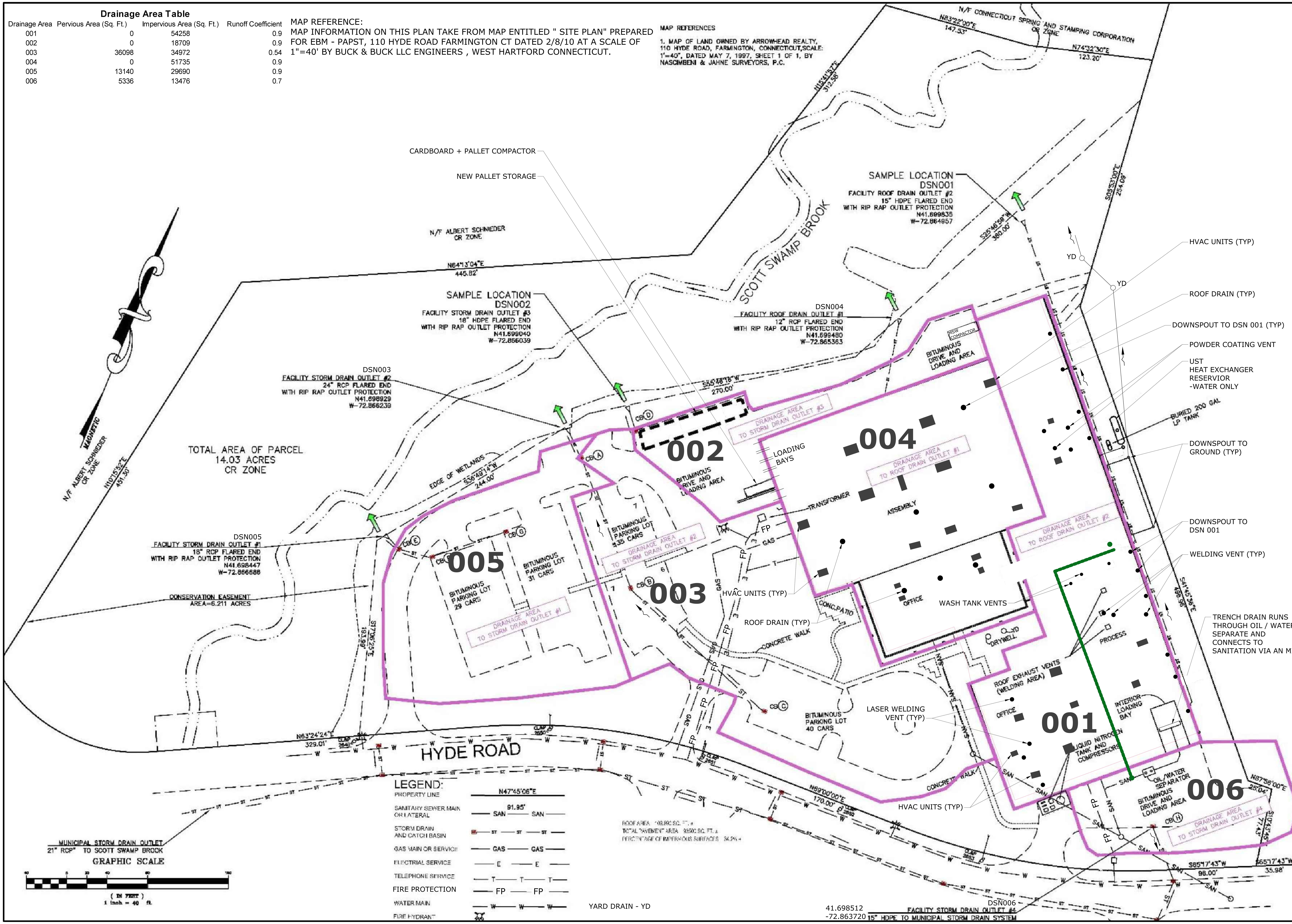
DRAWING 1

Site Plan

Drainage Area Table

Drainage Area	Pervious Area (Sq. Ft.)	Impervious Area (Sq. Ft.)	Runoff Coefficient
001	0	54258	0.9
002	0	18709	0.9
003	36098	34972	0.54
004	0	51735	0.9
005	13140	29690	0.9
006	5336	13476	0.7

MAP REFERENCE:
MAP INFORMATION ON THIS PLAN TAKE FROM MAP ENTITLED " SITE PLAN" PREPARED FOR EBM - PAPST, 110 HYDE ROAD FARMINGTON CT DATED 2/8/10 AT A SCALE OF 1"=40' BY BUCK & BUCK LLC ENGINEERS , WEST HARTFORD CONNECTICUT.



REV.	DESCRIPTION OF REVISION	DATE	APPR.
1	Removed Storage for Silk Screen and Silk Screen Waste	11/21/2023	

STAMP

Loureiro
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Waste • Facility Services • Laboratory
Loureiro Engineering Associates, Inc.
100 Northwest Drive • Plainville, Connecticut 06062
Phone: 860-747-6181 • Fax: 860-747-8822
An Employee Owned Company • www.Loureiro.com

SCALE	COMM. NO.	DRAWN BY	DATE	APPROVED BY	DATE
1" = 40'	26EP202	A.C.L.	3/07/2023	H.S.	03/07/2023

STORMWATER POLLUTION PREVENTION PLAN

FACILITY SITE MAP
110 HYDE ROAD, FARMINGTON CONNECTICUT
PREPARED FOR:
EBM - PAPST INC

DRAWING
FIGURE 1
SHEET NO. | NO. OF SHEETS

APPENDIX A

National Pollutant Discharge Elimination System General Permit for the Discharge of Stormwater Associated with Industrial Activities

National Pollutant Discharge Elimination System General Permit for the Discharge of Stormwater Associated with Industrial Activities

At the time of the certification of this SWPPP, the GP is available at https://portal.ct.gov/-/media/deep/water_regulating_and_discharges/stormwater/industrial/2025-permit-documents/2025-industrial-stormwater-general-permit-part-1--2erc.pdf?rev=e07e4c0e8e9942cfb424954fe5bc89e5&hash=CFF6E87399495EA4981CB0C8949F43CD

A copy of the GP is also included in a separate document to be kept with this Plan. This copy of the GP only includes the sector-specific requirements for Sector AB.

APPENDIX B

General Permit Registration

Connecticut
Department of Energy & Environmental Protection
WATER PERMITTING & ENFORCEMENT

General Permit Registration Form for the Discharge of Stormwater Associated with Industrial Activity

Part I: Registration Types

Registration Types	
☑	**New Registration** Are you on a site where industrial activity has been previously located? ☑ Yes ☐ No Are you proposing a new industrial activity on a site where industrial activity has not been previously located? ☐ Yes ☑ No
☐	**Replacement of NPDES** If selected, please provide on the line below permit #'s for the previously authorized discharge(s) _____

Part II: Fee Information

☐ A fee of $312.50 applies to:

Municipalities (50% discount of $625 fee per CGS 22a-6)

☐ A fee of $625.00 applies to:

Companies that employ fewer than fifty (50) employees statewide (excluding seasonal employees employed no more than 120 days in a year) ***or*** have gross annual sales of less than five (5) million dollars.

Federal or state operated industrial activities.

☑ A fee of $1,250.00 applies to:

Companies that employ fifty (50) or more employees statewide (excluding seasonal employees employed no more than 120 days in a year) ***and*** have gross annual sales of greater than five (5) million dollars.

The registration will not be processed without the fee. The registration fee is non-refundable and shall be paid by check or money order payable to the Department of Energy and Environmental Protection.

Part III: Registrant Information

1. Registrant /Client Name: EBM-PAPST INC.

Registrant Type: Registrant

Secretary of the State business ID #: 0120629

Mailing Address: 110 HYDE RD

City/Town: FARMINGTON State: CT Zip Code: 06032

Business Phone: (860) 674-1515 ext.:

Example:(xxx) xxx-xxxx

Contact Person: BILL ASTON Title :

E-Mail: BILL.ASTON@US.EBMPAPST.COM

Additional Phone Number (if applicable): ext.

2. Verify that the Registrant is the **operator** of the proposed activity: ☑ Yes

Part III: Registrant Information (continued)

3. Billing Contact

Contact Person: BILL ASTON Title:

Mailing Address: 110 HYDE RD

City/Town: FARMINGTON State: CT Zip Code: 06032

Business Phone: ext.

Email: BILL.ASTON@US.EBMPAPST.COM

4a. Primary contact for departmental correspondence and inquiries.

Contact Person: Festus Uwuoruya Title: EHS Specialist

Mailing Address: 110 HYDE RD

City/Town: FARMINGTON State: CT Zip Code: 06032

Business Phone: (860)914-8211 ext.

Email: Festus.Uwuoruya@us.ebmpapst.com

4b. Site contact if registrant is out of state.

☐ Not applicable

Contact Person: Festus Uwuoruya Title: EHS Specialist

Mailing Address: 110 HYDE RD

City/Town: FARMINGTON State: CT Zip Code: 06032

Business Phone: (860)914-8211 ext.

Email: Festus.Uwuoruya@us.ebmpapst.com

5. List engineering consultant, attorney or other representative employed or retained to assist in preparing the registration or maintaining permit compliance.

Consultant/Firm Name: LOUREIRO ENGINEERING ASSOC Consultant Type: Environmental Consultant

Contact Person: June Arriens Title: Project Scientist

Mailing Address: 100 NORTHWEST DR

City/Town: PLAINVILLE State: CT Zip Code: 06062

Business Phone: (860) 747-6181 ext.

Email: jvarriens@loureiro.com

Secretary of the State business ID #: 0583621

6. Select the ownership type of the facility. Corporation

Part IV: Site Information

1.

Site Name: EBM-PAPST, INC.

Street Address or Location Description: 110 HYDE RD

City/Town: FARMINGTON State: CT Zip Code: 06032

2. Primary Sector: AB - Transportation Equipment, Industrial or Commercial Machinery

Primary SIC Code: 3564 - Industrial and Commercial Fans and Blowers and Air Purification Equipment (fans and blowers)

Primary NAICS Code: 333412 - Industrial and Commercial Fan and Blower Manufacturing

2.a Is there a Co-Located Sector? ☐ Yes ☑ No

3. a. Are you proposing to authorize a stormwater discharge from a **new** road salt de-icing materials storage facilities at the site in question? ☐ Yes ☑ No

Note: If **"*yes*"**, proceed to 3b. If "***no***", proceed to question 4.

b. Is the site within 250 feet of a well utilized for potable drinking water supply or within a Level A aquifer protection area as defined by mapping pursuant to Section 22a-354c of the Connecticut General Statutes? ☐ Yes ☐ No ☑ NA

Note: If you answered "***yes***" to both the questions 3a and 3b, you are **NOT** eligible to register under this permit. Contact DEEP.StormwaterStaff@ct.gov for further guidance.

4. Is there an existing road salt or deicing materials storage unit that is or will be in place for more than 180 days a year at the site? ☐ Yes ☑ No

5. a. Is there exposure or the potential for exposure of your stormwater to mercury? ☐ Yes ☑ No

b. Is there exposure or the potential for exposure of your stormwater discharge to Polychlorinated biphenyls (PCBs)? ☐ Yes ☑ No

6. **INDIAN LANDS:**

a. Does the facility discharge to federally recognized Indian Country Lands? ☐ Yes ☑ No

Note: If you answered "***yes***" to question 6a, you are **NOT** eligible to register under this permit. Contact DEEP.StormwaterStaff@ct.gov for further guidance.

Part IV: Sector Related Additional Questions

If you selected either your Primary Regulated Sector or Co-Located Sector as **"A"**

1. Does this discharge point receive discharge resulting from spray down or intentional wetting of logs at wet deck storage areas? ☐ Yes ☐ No ☑ NA

If you selected either your Primary Regulated Sector or Co-Located Sector as **"J"**

1. Does this discharge point receive mine dewatering discharges from crushed stone mines, construction sand and gravel mines, or industrial sand mines? ☐ Yes ☐ No ☑ NA

If you selected your Primary Regulated Sector as **"A"**

1. Does your facility manufacture, use, or store creosote or creosote-treated wood in areas that are exposed to precipitation? ☐ Yes ☐ No ☑ NA

If you selected your Primary Regulated Sector as **"J"**

1. Does your facility conduct blasting? ☐ Yes ☐ No ☑ NA

If you selected your Primary Regulated Sector as **"S"**

1. Does the facility conduct aircraft de-icing utilizing area? ☐ Yes ☐ No ☑ NA

2. Does the facility conduct aircraft de-icing utilizing ethylene glycol? ☐ Yes ☐ No ☑ NA

3. Does the facility conduct aircraft de-icing utilizing propylene glycol? ☐ Yes ☐ No ☑ NA

If you selected your Primary Regulated Sector as **"AF"**

1. Does the facility store solid de-icing materials, even in small quantities? ☐ Yes ☐ No ☑ NA

2. Is the facility used exclusively for solid de-icing material storage (e.g., a satellite station)? ☐ Yes ☐ No ☑ NA

3. Are vehicle repair or maintenance activities conducted on-site at the facility? ☐ Yes ☐ No ☑ NA

Part IV: Site Information (continued)

7. COASTAL BOUNDARY:

The site is located in a coastal boundary. ☐ Yes ☑ No

8. ENDANGERED OR THREATENED SPECIES:

The site is located in an area identified as a habitat for endangered, threatened or special concern species. ☐ Yes ☑ No

NDDB Determination number: _____

9. AQUIFER PROTECTION AREAS:

The site is within a level A aquifer protection area. ☐ Yes ☑ No

10. CONSERVATION OR PRESERVATION RESTRICTION:

Is the property subject to a conservation or preservation restriction? ☐ Yes ☑ No

Part V: Stormwater Discharge Information

Table 1

1. Identify the type, material, size and location of conveyances, outfalls, or channelized flows that convey your discharges:

Outfall #	a) Type	b) Pipe Material	c) Pipe Size	d) Longitude (-xx.xxxxxx)	d) Latitude (xx.xxxxxx)	e) What method was used to obtain your latitude /longitude information?	f) Is Substantially Identical to another outfall?
001	Pipe	Concrete	12"	-72.865128	41.699891	ezFile Portal Map	No
002	Pipe	Plastic	18"	-72.866182	41.699042	ezFile Portal Map	No
003	Pipe	Concrete	24"	-72.866305	41.698958	ezFile Portal Map	No
004	Pipe	Concrete	12"	-72.865353	41.699547	ezFile Portal Map	No
005	Pipe	Concrete	18"	-72.866732	41.698560	ezFile Portal Map	No

Part V: Stormwater Discharge Information (continued) Table 2

2. Provide the following information about the receiving water(s)/wetland(s) that receive stormwater runoff from your site, either directly or through the Municipal Separate Storm Sewer System (MS4):

Outfall #	a) To what system or receiving water does your stormwater runoff discharge? either "Surface Waterbody" or "Wetland" or "Publicly or privately owned".(If you select Wetland or Publicly or privately owned, columns c.1&2 of this table are not required to be completed)	b) What is your watershed ID (freshwater) or 305b ID (estuary)?	c.1) Is your receiving water identified as an impaired water?	*If you answered yes to question c.1, then answer the question below.* c.2) Has any Total Maximum Daily Load (TMDL) been approved for your receiving waterbody?
001	Wetlands		☐ YES ☐ NO ☑ NA	☐ YES ☐ NO ☑ NA
002	Wetlands		☐ YES ☐ NO ☑ NA	☐ YES ☐ NO ☑ NA
003	Wetlands		☐ YES ☐ NO ☑ NA	☐ YES ☐ NO ☑ NA
004	Wetlands		☐ YES ☐ NO ☑ NA	☐ YES ☐ NO ☑ NA
005	Wetlands		☐ YES ☐ NO ☑ NA	☐ YES ☐ NO ☑ NA

3. TMDL Records:

Outfall #	Name	Year	Name	Year	Name	Year	Name	Year	Name	Year
001										
002										
003										
004										
005										

Part V: Stormwater Discharge Information

Table 1

1. Identify the type, material, size and location of conveyances, outfalls, or channelized flows that convey your discharges:

Outfall #	a) Type	b) Pipe Material	c) Pipe Size	d) Longitude (-xx.xxxxxx)	d) Latitude (xx.xxxxxx)	e) What method was used to obtain your latitude /longitude information?	f) Is Substantially Identical to another outfall?
006	Other Catch Basin	Select One	Select One	-72.863819	41.698490	ezFile Portal Map	No
	Select One	Select One	Select One			Select One	
	Select One	Select One	Select One			Select One	
	Select One	Select One	Select One			Select One	
	Select One	Select One	Select One			Select One	

Part V: Stormwater Discharge Information (continued) Table 2

2. Provide the following information about the receiving water(s)/wetland(s) that receive stormwater runoff from your site, either directly or through the Municipal Separate Storm Sewer System (MS4):

Outfall #	a) To what system or receiving water does your stormwater runoff discharge? either "Surface Waterbody" or "Wetland" or "Publicly or privately owned".(If you select Wetland or Publicly or privately owned, columns c.1&2 of this table are not required to be completed)	b) What is your watershed ID (freshwater) or 305b ID (estuary)?	c.1) Is your receiving water identified as an impaired water?	*If you answered yes to question c.1, then answer the question below.* c.2) Has any Total Maximum Daily Load (TMDL) been approved for your receiving waterbody?
006	Publicly or privately owned stormwater conveyance system Farmington MS4		☐ YES ☐ NO ☑ NA	☐ YES ☐ NO ☑ NA
			YES NO NA	YES NO NA
			YES NO NA	YES NO NA
			YES NO NA	YES NO NA
			YES NO NA	YES NO NA

3. TMDL Records:

Outfall #	Name	Year	Name	Year	Name	Year	Name	Year	Name	Year
006										

Part VI: Pollution Prevention Plan Availability

All applicants must submit a completed and approvable Stormwater Pollution Prevention Plan (SWPPP).

Part VII: Confidential Information in the Pollution Prevention Plan

If the registrant claims that certain elements of the Plan constitute a trade secret or are otherwise exempt from the disclosure requirements of the state Freedom of Information Act (FOIA), they shall follow the procedure below regarding information subject to FOIA requirements.

Does your plan withhold certain confidential information from the public? ☐ Yes ☐ No

Please see directions below regarding withholding information.

Instructions for plan confidentiality:

Under the Connecticut Freedom of Information Act (FOIA), a Registrant may have reason to withhold from public disclosure certain information in a plan or document prepared and maintained pursuant to a requirement of the general permit. Such information in a plan or document may be redacted provided the Registrant makes specific notation on the registration form filed with the Department: (1) that such claim is being made with a brief explanation of the type of information being withheld or redacted and the reason(s) therefore; and (2) of the location within the plan or document where such information has been redacted review either or removed. A plan or document that is being made available for public on a website or provided directly to a member of the public as a hardcopy may be in its redacted form. However, when the Department requests such plan or document be submitted for Department review, the Department will require that it be submitted in its unredacted form, in which case the Registrant must specify the information within such plan or document that is claimed to be confidential with the specific notations described above. The Department will not release any such information to the public which the Registrant claims must be withheld unless a determination has been made by the Department and any subsequent appeal of such determination filed with the Connecticut Freedom of Information Commission results in a determination that such information shall not be withheld from the pub lic. If the Registrant seeks a determination regarding such claim of confidentiality from the Connecticut Freedom of Information Commission without obtaining a prior determination from the Department, the Registrant shall notify the Department in writing of such pending determination, at which time the Department will not release such information to the public unless otherwise determined by the Connecticut Freedom of Information Commission.

Part VIII: Registrant Certification

The registrant *and* the individual(s) responsible for actually preparing the registration must sign this part. A registration will be considered incomplete unless all required signatures are provided.

"I hereby certify that I am making this certification in connection with a registration under the General Permit for the Discharge of Stormwater Associated with Industrial Activity, submitted to the Commissioner for an activity located on this application and that all terms and conditions of the general permit are being met for all discharges which have been created, initiated, or maintained, and such activity is eligible for authorization under such permit. I further certify that a system is in place to ensure that all terms and conditions of this general permit will continue to be met for all discharges authorized by this general permit at the site. I certify that I have personally examined and am familiar with the information that provides the basis for this certification, including but not limited to all information described in Section 2.2.16.1 of such general permit, and I certify, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining such information, that the information upon which this certification is based is true, accurate and complete to the best of my knowledge and belief. I certify that I have made an affirmative determination in accordance with Section 2.2.16.2 of this general permit. I understand that the registration filed in connection with such general permit is submitted in accordance with and shall comply with the requirements of Section 22a-430b of Conn. Gen. Stat. I also understand that knowingly making any false statement in the submitted information and in this certification may be punishable as a criminal offense, including the possibility of fine and imprisonment, under Section 53a-157b of the Conn. Gen. Stat., and any other applicable law."

Signature of Registrant and Date	
BILL ASTON	
Name of Registrant (print or type)	Title (if applicable)
Signature of Preparer and Date	
Name of Preparer (print or type)	Title (if applicable)

APPENDIX C

Certification of Non-Stormwater Discharges Supporting Information

Certification of Non-Stormwater Discharges Supporting Information

An evaluation for unauthorized non-stormwater discharges was performed by Loureiro personnel on October 22, 2024, during a period of dry weather. At this time, Site personnel confirmed that the only floor drains on-site are drains in the bathrooms that connect to the sanitary sewer, and the floor drain in the interior loading area that drains to the sanitary sewer via an oil/water separator. No evidence of unauthorized non-stormwater discharges was observed during the evaluation.

The following areas were directly observed during the evaluation:

- The 3 catch basins in Drainage Area 003, and the associated discharge point (DSN-003)
- The 3 catch basins in Drainage Area 005, and the associated discharge point (DSN-005)
- The 1 catch basin in Drainage Area 002, and the associated discharge point (DSN-002)
- The roof areas and roof drains in Drainage Areas 001 and 004, and the associated discharge points (DSN-001 and DSN-004)
- The 1 catch basin in Drainage Area 006
- All paved areas of the Site

In addition, no signs of unauthorized non-stormwater discharges were observed during routine monthly inspections in 2025.

APPENDIX D

Log of Significant Spills and Leaks (≥5 gallons)

Log of Significant Spills and Leaks (≥5 gallons)

Date and Time	Location	Description				Response Procedures	Corrective Measures Taken
		Type of Material	Quantity	Source	Reason		

APPENDIX E

Maintenance Records

Stormwater Control Maintenance Records

REGULAR MAINTENANCE	
Date	**Maintenance Done**

Stormwater Control Maintenance Records

REPAIRS			
Date of Discovery of Issue	**Maintenance Done**	**Date Returned to Full Function**	**Notes/Explanation for Extended Repair Schedule**

APPENDIX F

Spill Response Procedures

Spill Response Procedures

ebm must minimize the potential for leaks and spills. This shall include clearly identifying areas where potential spills can occur, and their accompanying drainage points. Containers susceptible to spillage or leakage in areas that could contribute to stormwater pollution must be labeled, and procedures for containing, reporting and cleaning up spills shall be identified. These procedures must be provided to the appropriate Site personnel through employee training along with the necessary equipment to respond to a release greater than 5 gallons.

Incidental spill response consists of trained maintenance employees utilizing spill kits which contain absorbent materials. ebm's procedure is as follows:

1. Note the location of any storm drains if the spill is likely to reach the drain, cover the drain and/or dike the spill to prevent it from spreading.

2. Apply absorbent from the outside of the spill toward the center.

3. Shovel the absorbent material into a drum.

4. Characterize the waste material and dispose of it, per state and federal waste disposal regulations.

Spill kits are available in loading/unloading areas, and in areas where the potential for a release exists.

If a major spill were to occur, the PPT Leader will contact Clean Harbors Environmental (Bristol, CT). If necessary, employees will be evacuated from the affected areas. After the spill response contractor has cleaned up the spill, any waste associated with the spill cleanup will be managed and disposed of properly based on the outcome of a waste determination.

In the event of an oil discharge to navigable waters or adjoining shorelines, the spill must be reported to the National Response Center (NRC) at 800-424-8802.

APPENDIX G

Training Records

Course: Stormwater Pollution Prevention Plan (SWPPP) Training

Instructor: **Date:**

Print Name *(clearly)*	Signature	Job/Position

Training Agenda (as appropriate to the scope of the job duties of the personnel attending)

- An overview of the contents of the SWPPP.
- Spill response procedures, emergency equipment locations, good housekeeping practices, maintenance requirements, and material management practices.
- The location and maintenance of all controls on the Site required by the GP.
- The proper procedures to follow with respect to the control measures on-site.
- When and how to conduct inspections, record applicable findings, and take corrective actions.
- The Site's emergency procedures.

APPENDIX H

Monthly Inspection Form

EBM-PAPST INC.
Farmington, Connecticut
Monthly Inspection Form

Date, Time: _____
Weather Conditions*: _____
Inspector's Name(s). Note which Inspector(s) are Pollution Prevention Team Members:

_____

_____

Inspector's Signature(s):

_____

Check the following items that were inspected:

Potential Pollutant Sources
- □ Paved Areas
- □ Transformer
- □ Pallet/cardboard compactor
- □ Trash compactor
- □ Loading areas
- □ Pallet Storage Area
- □ Roof Areas - HVAC
- □ Roof Areas - Process Vents

Stormwater discharge points
- □ DSN-001
- □ DSN-002
- □ DSN-003
- □ DSN-004
- □ DSN-005
- □ DSN-006 (catch basin)

*At least one monthly inspection per calendar year must be performed while stormwater discharge is occurring.

Did you observe any of the following (check Yes or No)	**Yes**	**No**
Industrial materials, residue, or trash that may have or could come into contact with stormwater.		
Leaks or spills from industrial equipment, drums, tanks, and other containers.		
Offsite tracking of industrial or waste materials, or sediment, where vehicles enter or exit the site.		
Tracking/blowing of materials from areas of no exposure to exposed areas.		
Soil erosion; channel and streambank erosion and scour in the immediate vicinity of discharge points.		
Non-authorized non-stormwater discharges (e.g. vehicle wash-waters, boiler blowdown, sanitary wastes).		
Control measures needing replacement, maintenance, or repair.		

If you answered "Yes" to any of the above, provide comments below.

_____

_____

_____

_____

EBM-PAPST INC.
Farmington, Connecticut
Remedial Action Log

Instructions:
If any unsatisfactory condition(s) were observed during a monthly inspection, they shall be documented on this Remedial Action Log along with the corresponding remedial actions. This Log should be filed in Appendix H of the Stormwater Pollution Prevention Plan (SWPPP).

Date of Evaluation	Category	Description of Unsatisfactory Condition(s)	Remedial Action(s)		
			Description	Completion Date	Completed By

APPENDIX I

Semiannual Comprehensive Compliance Evaluation Form

EBM-PAPST INC.
Farmington, Connecticut
Semi-Annual Comprehensive Compliance Evaluation Form

Instructions: This Semi-Annual Comprehensive Compliance Evaluation Form must be completed by, or along with, a Pollution Prevention Team (PPT) Member. If remedial action(s) are required, the issue(s) must also be noted in the Remedial Action Log. This Form should be filed in Appendix I of the Stormwater Pollution Prevention Plan (SWPPP).

While completing this Form, please review, at minimum, the following items:

- SWPPP including, but not limited to, items such as best management practices (BMPs), control measures, spill response equipment, etc.;
- Site Map;
- Monthly Inspection Forms;
- Quarterly Visual Assessment Reports;
- Discharge Monitoring Reports (DMRs); and,
- Preventive Maintenance (PM) Records.

Name, Title, and Signature of Inspector: _____

Date, Time: _____

Weather Conditions: _____

Name, Title, and Signature of PPT Member: _____

Date of the Last Semi-Annual Comprehensive Compliance Evaluation: _____

Documentation Review		
Evaluation Criteria	**Responses, Observations, and/or Comments**	**Is Remedial Action Required? (Yes/No)**
Are the names and telephone numbers of the PPT Members listed in Section 3 of the SWPPP up-to-date and accurate?		
Have there been any changes to the outside of the facility since the last semi-annual evaluation that could affect stormwater? Review Table 4-2 of the SWPPP to verify that the potential pollutant sources listed are accurate compared to current conditions. • Have any new potential pollutant sources been added or removed? • If sources have been added, do the new sources add non-stormwater discharges to stormwater (e.g. vehicle wash-waters, boiler blowdown, sanitary wastes)? • Does the Site Plan need to be updated as a result of the aforementioned update(s)?		
Were there any spills or leaks since the last semi-annual evaluation that impacted stormwater? • If so, were the spills or leaks documented in Appendix D?		

EBM-PAPST INC.
Farmington, Connecticut
Semi-Annual Comprehensive Compliance Evaluation Form

Documentation Review		
Evaluation Criteria	**Responses, Observations, and/or Comments**	**Is Remedial Action Required? (Yes/No)**
Have the PM activities outlined in the SWPPP (i.e., catch basin cleaning, equipment maintenance, sweeping etc.) been performed at the specified frequencies? • Were maintenance records retained in the location specified in the SWPPP?		
Review the Monthly Inspection Forms that were completed since the date of the last Semi-Annual Comprehensive Compliance Evaluation. • Are the completed Monthly Inspection Forms filed in Appendix H of the SWPPP? • Were any unsatisfactory conditions corrected and was documentation retained to demonstrate this?		
Were Quarterly Visual Assessment Forms completed during each quarter since the date of the last Semi-Annual Comprehensive Compliance Evaluation? • Are the completed Quarterly Visual Assessment Forms filed in Appendix L of the SWPPP? • Were any unsatisfactory conditions corrected and was documentation retained to demonstrate this?		
Were semiannual stormwater samples collected during the last monitoring period? • If so, were monitoring results submitted to the Connecticut Department of Energy and Environmental Protection (CT DEEP) within 90 days of sampling? • Were there any benchmark exceedances? • If so, were corrective actions taken and was documentation retained to demonstrate this?		
Are there any issues that were identified in the previous Semi-Annual Comprehensive Compliance Evaluation that have not been addressed?		
Review stormwater training records. • Has annual training been performed? ○ If yes, document the date(s). • Have newly hired employees been provided with stormwater training within 90 days of beginning a position that involves activities that could potentially affect stormwater?		

EBM-PAPST INC.
Farmington, Connecticut

Semi-Annual Comprehensive Compliance Evaluation Form

Site Inspection		
Evaluation Criteria	**Responses, Observations, and Comments**	**Is Remedial Action Required? (Yes/No)**
Interior Facility Walk-Through: Inspect interior material and chemical storage areas including raw, intermediate, final, and waste materials that have the potential to be released outside of the confines of the facility and come in contact with stormwater.		
Roof Inspection: Inspect the roof for signs of contamination, discoloration, etc. as well as sediment build-up in gutters, roof drains, downspouts, etc.		
Make a visual inspection of material handling areas, and material storage areas, and other potential sources of pollution identified in the SWPPP for evidence of, or the potential for, pollutants entering the stormwater drainage system.		
Determine whether structural stormwater management measures, erosion control measures, control measures and other structural pollution prevention measures identified in the SWPPP are implemented and maintained properly.		
Inspect all outfalls. Describe any discharges occurring at the time of the inspection.		

EBM-PAPST INC.
Farmington, Connecticut
Semi-Annual Comprehensive Compliance Evaluation Form

Remedial Action Log

Instructions:
After completion of the Semi-Annual Comprehensive Compliance Evaluation Form, if any unsatisfactory condition(s) were observed, they shall be documented on this Remedial Action Log along with the corresponding remedial actions. This Log should be filed in Appendix I of the Stormwater Pollution Prevention Plan (SWPPP).

Date of Evaluation	Category	Description of Unsatisfactory Condition(s)	Remedial Action(s)		
			Description	Completion Date	Completed By

APPENDIX J

Summary of Monitoring During Previous Permit Term

Summary of Monitoring During Previous Permit Term

Monitoring data from September 2021 to May 2025 was available to summarize. After the sampling event on July 21, 2023, ebm was able to discontinue sampling for all parameters for both outfalls, except for COD at DSN-002. As of the end of 2025, ebm was still required to sample for COD at DSN-002.

Tables showing the sampling data for each outfall are presented below. All values are in mg/L, except for pH (S.U.).

DSN-001 Sampling Results

Parameter	9/1/2021	3/24/2022	10/17/2022	7/21/2023	Average of last 4	Benchmark
O&G	<1	<1	<1	<1	<1	5
Sample pH	5.54	4.32	4.42	4.09	4.59	5-9
COD	13	16	14	4	11.75	75
TSS	<1	1	<1	<1	1	90
TP	0.319	0.15	0.048	0.05	0.14	0.40
TKN	0.13	0.19	0.74	0.89	0.49	2.30
NO3-N	<0.20	<0.20	<0.20	<0.20	<0.20	1.10
Total Copper	<0.01	<0.01	<0.01	<0.01	<0.01	0.059
Total Zinc	0.13	0.1	0.11	0.07	0.103	0.160
Total Lead	<0.02	<0.02	<0.02	<0.02	<0.02	0.076

DSN-002 Sampling Results

Parameter	9/1/2021	3/24/2022	10/17/2022	7/21/2023	Average of last 4	Benchmark
O&G	1.3	<1	1	<1.0	1.075	5
Sample pH	6.23	4.75	4.96	5.18	5.28	5-9
COD	35	250	270	55	152.5	75
TSS	8.5	9.5	8.5	28.5	13.75	90
TP	0.131	<0.01	0.087	0.079	0.08	0.40
TKN	0.79	0.52	1.81	1.26	1.10	2.30
NO3-N	<0.20	<0.20	<0.20	<0.20	<0.20	1.10
Total Copper	<0.01	<0.01	<0.01	<0.01	<0.01	0.059
Total Zinc	0.03	0.05	0.08	0.03	0.048	0.160
Total Lead	<0.02	<0.02	<0.02	<0.02	<0.02	0.076
Parameter	**3/23/2024**	**5/23/2024**	**3/5/2025**	**5/28/2025**	**Average of last 4**	**Benchmark**
COD	36	150	130	91	102	75

APPENDIX K

Deviations from Monitoring Schedule

Deviations from Monitoring Schedule

Date / Time	Monitoring Type (Visual / Semiannual)	Location / Outfall	Inspector / Sampler	Description and Cause(s) of Deviation	Potential Impact to Stormwater or Permit Compliance (Yes/No, Include Explanation)	Immediate Corrective Action(s) Taken [Include Completion Date]	Preventive Measure(s) Implemented [Yes / No]	Follow-Up Verification [Date and Name of Verifier]

APPENDIX L

Quarterly Visual Assessment Form

EBM-PAPST INC
Farmington Connecticut
Sampling Period: Quarter , Sampling Year

Quarterly Visual Assessment Form

Instructions:

- A visual sample can only be collected during a storm event that occurs at least 72 hours after any previous storm events generating a discharge at the sampling location.
- A sample must be collected within the first 30 minutes of discharge at the sampling location. If it was not, please indicate why: _____
- The visual assessment must be made in a clean, colorless plastic or glass container and conducted in a well-lit area.
- If unsatisfactory water quality characteristics are observed, the cause(s) of contamination must be investigated and corrected. This information should be documented on the Remedial Action Log.

Sampling Date: _____ Stormwater Source (Rain/Snowmelt): _____

Discharge Start Time (am/pm): _____ Sampling Time (am/pm): _____

Sampling Location: _____

Sampler's Name, Title, Signature: _____

Water Quality Characteristics	**Observations**	**Satisfactory** (No further action required)	**Unsatisfactory** (Remedial action needed)
Color			
Odor			
Clarity			
Floating Solids			
Settled Solids			
Suspended Solids			
Foam			
Oil Sheen			
Other Obvious Indicators of Stormwater Pollution			

EBM-PAPST INC
Farmington Connecticut
Sampling Period: Quarter , Sampling Year

Remedial Action Log

Instructions:

If unsatisfactory water quality characteristics are observed, the probable sources of stormwater contamination must be noted below along with documentation of the completed remedial actions. This Log should be filed in Appendix L of the Stormwater Pollution Prevention Plan (SWPPP).

Sampling Date	Unsatisfactory Water Quality Characteristics Observed	Probable Sources of Stormwater Contamination	Completed Remedial Actions		
			Description	Completion Date	Completed By

APPENDIX M

Annual Report Template

APPENDIX N

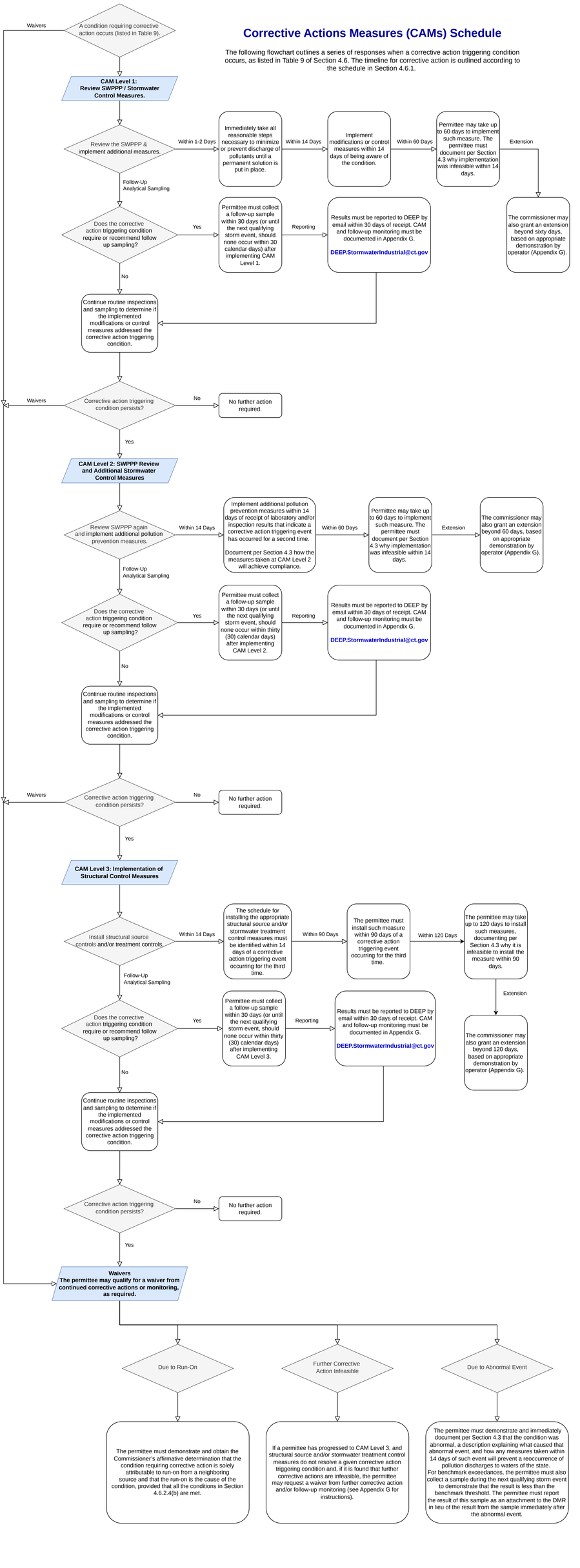
Semiannual Monitoring Records

APPENDIX O

Corrective Action Documentation

Corrective Actions Measures (CAMs) Schedule

The following flowchart outlines a series of responses when a corrective action triggering condition occurs, as listed in Table 9 of Section 4.6. The timeline for corrective action is outlined according to the schedule in Section 4.6.1.



Connecticut
Department of Energy &
Environmental Protection

Appendix G
Corrective Action Measure Requirements & Waiver Request

Purpose:

A qualified professional, as defined in the general permit, trained and designated by the permittee, will complete this form as soon as they are made aware of a condition triggering a Corrective Action Measure (CAM). The permittee must keep this form and any related documentation in the Stormwater Pollution Prevention Plan.

Violation of an Effluent Limitations Guideline:

Violation of an Effluent Limit Guideline (ELG) requires immediate reporting in accordance with the permit terms and conditions. The permittee may attach this form when completing the online notification of noncompliance. See Sections 4.6 and 4.7 of the general permit for further reporting requirements. The Noncompliance Reporting portal is located at:

https://portal.ct.gov/deep/water-regulating-and-discharges/industrial-wastewater/compliance-assistance/notification-requirements

Request for an Extension or Waiver:

The permittee may also use this form to request an extension to timelines for implementing Corrective Action Measure Level 1, 2, or 3 as needed, or to request a Waiver from further Corrective Action Measures and/or monitoring. A request, and copy of the this form along with supporting documentation may be submitted to DEEP at Stormwater Staff DEEP.Stormwaterindustrial@ct.gov. Retain a copy of all requests and communication in the SWPPP.

Connecticut
Department of Energy &
Environmental Protection

Appendix G
Corrective Action Measure Requirements & Waiver Request

Section 1. Corrective Action Measure Documentation Submission Type	
General Corrective Action Measure Documentation	☐
Violation of an Effluent Limitations Guideline	☐
Unauthorized spill, leak, release, or discharge	☐
Request for an Extension to CAM Timelines	☐
Request for a Waiver from Further Corrective Action Measures and/or Monitoring[2]	☐

Section 2. Corrective Action Measure General Information		
Permittee Information	**Permittee Name**	
	Site Name	
	Site Address	
	Site City/State/Zip	
	Permit Number (CTR05)	
Site Contact (Person Filling out this Form)	**Name (first & last)**	
	Title	
	Email Address	
	Phone Number	
Date/ Time/ Location	**Location of Incident on Site**	
	Time of Condition Started	
	Date of Condition Started	

Appendix G
Corrective Action Measure Requirements & Waiver Request

Section 3. Corrective Action Triggering Condition Information

Triggering Condition	Description	Condition Occurring? (Check Box)
4 Event Average Exceeds the Benchmark Threshold (or Mathematical Equivalent)	A discharge exceeds an applicable benchmark threshold after 4 consecutive semi-annual measurements	☐
Effluent Limit Exceedance	A discharge exceeds a numeric effluent limitation guideline	☐
Unauthorized release or discharge	Spill, leak, release, or discharge of non-stormwater not authorized by this permit or another permit	☐
Inconsistency with an Applicable Total Maximum Daily Load and Wasteload Allocation	A discharge is inconsistent with the assumptions and requirements of an Applicable Total Maximum Daily Load and its Wasteload Allocation	☐
Control Measure Not Stringent Enough to Meet Water Quality Standards	A required control measure is not stringent enough for a stormwater discharge to be controlled as necessary such that the receiving water will meet applicable water quality standards	☐
Control Measure Never Designed, Installed, Implemented, or Maintained	A required control measure was never designed, installed, or implemented	☐
Change in Design, Operation, or Maintenance at a Facility	Construction or a change in the design, operation, or maintenance at a facility that significantly changes the nature or increases the quantity of pollutants discharged	☐
Visual Assessment Shows Evidence of Pollution	Color, odor, floating solids, settled solids, suspended solids, or foam observed in discharge water	☐
Other Corrective Actions (as Required by the Commissioner)	The Commissioner may utilize enforcement discretion to require additional corrective actions in response to permit violations	☐

Appendix G
Corrective Action Measure Requirements & Waiver Request

Please provide a description of the event or the request being made to the Commissioner:

Appendix G
Corrective Action Measure Requirements & Waiver Request

Section 4. Corrective Action Measure Select the appropriate level and describe the actions taken		
☐ **Corrective Action Level 1**	Immediate Actions (Within 1-2 Days)	
	Subsequent Actions (Within 14-60 Days)	
	Extension (Greater than 60 Days)	
	Follow-up sample, if applicable (include date, discharge location, and parameter)	
☐ **Corrective Action Level 2**	Immediate Actions (Within 1-2 Days)	
	Subsequent Actions (Within 14-60 Days)	
	Extension (Greater than 60 Days)	
	Follow-up sample, if applicable (include date, discharge location, and parameter)	
☐ **Corrective Action Level 3**	Immediate Actions (Within 1-2 Days)	
	Subsequent Actions (Within 14-60 Days)	
	Extension (Greater than 60 Days)	
	Follow-up sample, if applicable (include date, discharge location, and parameter)	

Appendix G
Corrective Action Measure Requirements & Waiver Request

Section 5. Additional Information (check all that apply)	
☐ **Follow-up photographs**	**Please describe any photographs taken and attach them to the end of this document.**
☐ **Request for an extension**	**Please describe the request for an extension for CAM implementation. Please see the permit for criteria applicable to exemptions.**
☐ **Request for a waiver**	**Please describe the request for a waiver from further corrective action measures and/ or monitoring. Please see the permit for criteria applicable to waivers.**
Certification	I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate, and complete to the best of my knowledge and belief. I understand that a false statement made in the submitted information may be punishable as a criminal offense, in accordance with section 22a-6 of the Regs. Conn. State Agencies, pursuant to section 53a-157b of the Regs. Conn. State Agencies, and in accordance with any other applicable statute.

Certifier Name:	Click or tap here to enter text.	Certifier Title:	Click or tap here to enter text.
Certifier Signature:		Date:	Click or tap here to enter text.
Site/Facility Name and Address:	Click or tap here to enter text.	General Permit No.:	Click or tap here to enter text.

APPENDIX P

SWPPP Revision Log

SWPPP Revision Log

Amendment Number	Description of the Amendment	Recertification Required?* (Yes/No)	Date of Amendment	Amendment Prepared by [Name(s) and Title(s)]	Signature(s)
0	Complete reissuance of the SWPPP in accordance with the GP issued on November 1, 2025.	Yes	March 2026	June Arriens Project Scientist, Loureiro	
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

* If significant changes are made to the Site or to the SWPPP in accordance with Section 4.3 of the GP, the SWPPP must be re-certified in accordance with Section 4.3.2.9 of the GP.