



2035 Litchfield Turnpike  
Woodbridge, Connecticut

**Stormwater Pollution Control  
Plan**

**West River Water Treatment  
Plant Lined Residuals Drying  
Bed**

**South Central Connecticut Regional  
Water Authority**

February 2026

## Stormwater Pollution Control Plan

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## Section 1 | Certification Statements

### 1.1 Permittee

#### Certification Statement

"I hereby certify that I am making this certification in connection with an application under the General Permit for the Discharge of Stormwater from Construction Activities (general permit), submitted to the Commissioner by **South Central Connecticut Regional Water Authority (SCCRWA)** for an activity located at the **West River Water Treatment Plant at 2035 Litchfield Turnpike** and that all terms and conditions of the general permit will be met for all discharges which will be initiated 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 the application filed pursuant to this general permit is on complete and accurate forms as prescribed by the Commissioner without alteration of their text. 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 2.2.13.1 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 2.2.13.2 of this general permit. I understand that the application 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: \_\_\_\_\_

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Company name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

Fax: \_\_\_\_\_

Project Site: **2035 Litchfield Turnpike, Woodbridge, CT**

## 1.2 Engineers

### Certification Statement

"I hereby certify that I am a professional engineer licensed in the State of Connecticut. I am making this certification in connection with a application under the General Permit for the Discharge of Stormwater from Construction Activities (general permit), submitted to the Commissioner by **South Central Connecticut Regional Water Authority (SCCRWA)** for an activity located at the **West River Water Treatment Plant at 2035 Litchfield Turnpike**. I certify that I have thoroughly and completely reviewed the Stormwater Pollution Control Plan for the project or activity covered by this certification. I further certify, based on such review and on the standard of care for such projects, that the Stormwater Pollution Control Plan has been prepared in accordance with the Connecticut Guidelines for Soil Erosion and Sediment Control, as amended, the Stormwater Quality Manual, as amended, and the conditions of the general permit, and that the controls required for such SPCP are appropriate for the site. I further 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 also understand that knowingly making any false statement in this certification may subject me to sanction by the Department and/or 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:  Date: 02/20/26

Name: Jaclyn M. Caceci, PE Title: Senior Project Manager

Company name: Tighe & Bond, Inc.

Address: 1000 Bridgeport Ave. Shelton, CT 06484

Telephone: 413.563.2679 Fax: \_\_\_\_\_

Project Site: **2035 Litchfield Turnpike, Woodbridge, CT**

### 1.3 Contractors and Subcontractors

Each Contractor and Subcontractor that will perform actions on the site which may reasonably be expected to cause or have the potential to cause pollution of the waters of the State shall sign the certification statement included in this plan.

*Certification Statement*

*"I certify under penalty of the law that I have read and understand the terms and conditions of the General Permit for the Discharge of Stormwater from Construction Activities and the site-specific Stormwater Pollution Control Plan ("SPCP"). I understand that as a contractor or subcontractor at the site, I must comply with the terms and conditions of this general permit and the SPCP."*

**CONTRACTOR CERTIFICATION**

Signature: [Handwritten Signature] Date: 2/20/2026  
 Name: Wanda McCamy Title: Vice President  
 Company name: Kovacs Construction Corporation  
 Address: 321 Riggs Street Oxford, CT 06478  
 Telephone: 203-743-4022 Fax: 203-790-1326

**Project Site: 2035 Litchfield Turnpike, Woodbridge, CT**

**SUBCONTRACTOR CERTIFICATION**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Name: \_\_\_\_\_ Title: \_\_\_\_\_  
 Company name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

**TO BE SIGNED PRIOR TO SUBCONTRACTOR WORK BEGINNING**

**Project Site: 2035 Litchfield Turnpike, Woodbridge, CT**

## Section 2 | Stormwater Pollution Control Plan Elements

This Stormwater Pollution Control Plan (SWPCP or Plan) has been prepared in support of the Connecticut Department of Energy and Environmental Protection's (DEEP) General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities (General Permit) in connection with the proposed West River Water Treatment Plant Lined Residuals Drying Bed Project in Woodbridge, Connecticut. This SWPCP is prepared consistent with Section 5(b) of the General Permit. A copy of the General Permit is attached as **Appendix A**.

### 2.1 Project Description

The South Central Connecticut Regional Water Authority (SCCRWA) proposes a lined residuals drying bed project at 2035 Litchfield Turnpike in Woodbridge, Connecticut. The property is bordered to the north, south, and east by largely undisturbed, forested land, and to the west by Route 69. The site currently consists of an operations and office building, two water holding tanks, two sludge lagoons, a residuals drying bed, and associated driveway and parking areas. Refer to Section 2.3 and **Appendix B** for soils and natural resource information.

The proposed project involves replacing the existing residuals drying bed at the West River Water Treatment Plant with a lined drying bed. This modification is being pursued in order to reduce the manganese in the groundwater discharge from the drying bed by lining the drying bed and installing a pump system to pump the filtrate back to the existing lagoons on-site. A pump station will be installed to collect drying bed leachate and precipitation and pump it up to the existing lagoons. Further, a force main connecting the pump station to the lagoon influent piping will be installed, along with lagoon desludging pumps in each lagoon.

The proposed project is considered a redevelopment. No alterations to drainage patterns are proposed on-site as compared to existing conditions, and no change in impervious coverage is proposed. The total effective impervious cover for the site is approximately 155,950 square feet under both pre- and post-construction conditions, and consists of paved driveway and parking areas, buildings, water storage tanks, and equipment pads.

Stormwater runoff from the site is currently managed by an existing drainage system, which includes catch basins, area drainage, and a system outfall to Lake Dawson. Under proposed conditions, stormwater runoff will be managed the same way. No stormwater best management practices (BMPs) are proposed. The proposed project is not anticipated to alter peak flow or volumetric runoff rates compared to existing conditions for any storm events.

To address soil erosion and sedimentation control, the project will adhere to the guidelines outlined in the Connecticut Department of Energy and Environmental Protection's 2002 Guidelines for Soil Erosion and Sediment Control. Various erosion control measures, including catch basin protection, silt sacks, haybale barriers, and sediment removal, will be implemented and maintained throughout the construction period.

The proposed scope of work is shown on the following drawings and can be found in **Appendix C**:

G-001	COVER SHEET
G-002	GENERAL NOTES AND LEGEND
C-101	EXISTING CONDITIONS
C-201	OVERALL SITE PLAN
C-202	PARTIAL SITE PLAN - 1
C-203	PARTIAL SITE PLAN - 2
C-204	DRYING BED DRAINAGE PLAN
C-301	DETAILS - 1

## 2.2 Estimated Total Site Area and Total Disturbed Area

The overall subject parcel is approximately 21.7 acres in size. The area to be disturbed by project construction activity is approximately 2.4 acres.

At no time will more than five (5) acres of soil be disturbed concurrently. Disturbed areas will be stabilized in accordance with the stabilization timelines required by Section 5.2.2.2 of the 2026 General Permit. Disturbed areas will be stabilized in accordance with permit requirements when work is suspended or upon completion of each construction phase.

## 2.3 Soils & Geology

The U.S. Department of Agriculture's National Resource Conservation Service (NRCS) Web Soil Survey indicates the following soil types are present on the site:

**Udorthents-Urban Land Complex (306):** This consists of moderately well drained to excessively well drained soils that have been disturbed by cutting or filling, and areas that are covered by buildings and pavement.

**Hinckley Loamy Sand (38C):** A very deep, excessively drained soil formed in glacial outwash. Found on outwash plains, terraces, kames, and eskers. Permeability is rapid in the solum and very rapid in the substratum, with low available water capacity.

**Cheshire-Holyoke Complex (77D):** A complex of well-drained to somewhat excessively drained soils formed in loamy till derived from schist, gneiss, granite, and sandstone (Cheshire) and in materials derived from basalt (Holyoke). Found on uplands, ridges, and rolling glaciated landscapes. Permeability is moderate in the solum and moderately slow to slow in the substratum. Slopes range from nearly level to very steep.

## 2.4 Site Map

See **Appendix C** for detailed site maps that include the existing conditions and proposed work.

## 2.5 Name of Receiving Water

The site storm water collection systems discharge to Lake Dawson. Lake Dawson is not listed as an impaired water in the 2022 List of Impaired Waters for Connecticut (EPA Category 5). No modifications or additions to the existing drainage system are proposed. Additionally, no new impervious cover is proposed on-site as a result of the project, and drainage patterns are not anticipated to be altered.

Surface runoff quality to Lake Dawson is not anticipated to be impacted as a result of the proposed project, and sediment and pollutant loading rates are not anticipated to be increased as a result of the site improvements.

## 2.6 Extent of Wetlands

Lake Dawson is located to the southwest of the proposed project site. Erosion and sedimentation controls and stormwater management measures have been designed to protect adjacent wetland resources during construction and post-construction conditions. No direct impacts to surrounding wetland resource areas are anticipated as a result of construction.

## 2.7 Sequence of Major Activities

It is expected that the project will begin in February of 2026 and be completed in the Spring of 2027. The following narrative describes the sequence of construction activities.

### 2.7.1 Construction Sequence

Pre-Construction: (Winter 2026 - Spring 2026)

1. The inspecting engineer shall meet with the contractor and owner to review the sediment and erosion control (S&E Plan) and discuss any modifications to construction sequence or S&E Plan.
2. Install tree protection for trim limbs that may be damaged by construction equipment.
3. Install construction fence and construction access as shown on the plans.
4. Install tracking pad and establish staging area with trailers.
5. Install remaining sediment and erosion controls.

Site Work Construction: (Start: February 2026 - End: Spring 2027)

6. Construction of drying bed liner and underdrains, submersible pump station, and force main piping
7. RWA to clean Lagoon 1 by pumping to drying bed
8. Construction of submersible pump in Lagoon 1
9. RWA to clean Lagoon 2 by pumping to drying bed
10. Construction of submersible pump in Lagoon 2

Restoration/Post-Construction: (Winter 2027 - Spring 2027)

11. Seed disturbed areas as soon as possible.
12. Clean effected portion of on & off-site roads and driveways.
13. Remove accumulated silt and debris from catch basins, area drain sumps & pipes of affected storm drains.
14. Remove accumulated sediment from effected areas and dispose of legally.
15. Remove temporary sediment and erosion controls and tree protection.

## 2.8 Stormwater Management

### 2.8.1 Existing Site Hydrology

The site is approximately 21.7 acres and is located at 2035 Litchfield Turnpike in Woodbridge, Connecticut. The site is surrounded by largely undeveloped, forest area, with Lake Dawson bordering the site to the southwest and Route 69 bordering the site to the west.

Existing site topography generally slopes from east to west, with the northernmost portion of the site sloping from south to north. The site currently drains overland to multiple catch basins and area drains located in lawn, hardscape, and paved areas. The majority of stormwater runoff from the project site drains to Lake Dawson under existing conditions.

### 2.8.2 Proposed Site Hydrology

Because the project is a redevelopment, with no new impervious surfaces or alterations to existing drainage patterns proposed, a hydrologic study was not performed for the site. Drainage patterns are anticipated to remain the same post-construction as compared to existing conditions, and the project is not expected to result in an increase to peak rates, runoff volumes, runoff quality from the project site.

### 2.8.3 Pollutant Generating Activities

**Table 1 - Pollutant-Generating Activities**

<b>Pollutant-Generating Activity</b>	<b>Pollutants or Pollutant Constituents</b> (That could be discharged if exposed to stormwater)
Site work	Soil particles and fines
Paving and construction areas	Petroleum, concrete, vehicle fluids, paints, solvents
Concrete construction	Concrete
Solid waste storage	Construction debris, trash
Fertilizing	Fertilizers
Equipment use	Hydraulic Oils/fluids
Equipment use	Antifreeze/coolant
Portable toilets	Sewage
Staging areas	Sediment, gasoline, fuel oil, concrete, vehicle fluids, paints, solvents, fertilizers, adhesives, antifreeze/coolant, hydraulic oil/fluid, etc.

Please refer to section 2.16 regarding the proper containment and storage of potential pollutants and potential spills and leaks.

#### 2.8.4 Structural Practices

Structural control locations are shown on Sheets C-201 to C-204. Structural controls that will be used during construction activities include:

1. **Storm Sewer Inlet Protection:** Hay bales or silt fence around storm sewer yard drains and silt sacks in perimeter catch basins until all disturbed areas surrounding the inlets are stabilized.
2. **Perimeter Controls:** Silt fence and haybales will be installed around the perimeter of the site to prevent off-site erosion and sediment transport.

#### 2.8.5 Sequence of Major Erosion and Sediment Control Activities

Construction will proceed as described in Section 2.7. After installation of the stabilized construction access and staging areas are complete, perimeter controls including silt fencing and haybales will be implemented as shown on sheets C-202 and C-203.

#### 2.8.6 Waste Materials

All trash and construction debris from the site will be hauled to an approved waste disposal facility. No construction waste material will be buried or disposed of on the site.

#### 2.8.7 Hazardous Waste

No hazardous waste is expected to be generated or encountered during this project. If hazardous waste is encountered, all hazardous waste materials will be disposed of in the manner specified by local, state or federal regulation, or by the manufacturer of such waste.

The site construction superintendent will be responsible for seeing that these practices are followed.

#### 2.8.8 Post-Construction Measures

The site will be stabilized following construction to prevent the suspension and transport of sediment. Soil stabilization will begin immediately following construction and be completed within seven days. Disturbed areas that remain inactive for at least fourteen days will be stabilized within seven days.

#### 2.8.9 Maintenance of Stormwater Management Measures

Existing catch basins, area drains, and system outlets will be monitored throughout construction to ensure proper function, and to verify that construction activities do not interfere with proper runoff drainage and conveyance. Erosion and sediment control features will be installed within all storm drain inlets downgradient of proposed work in order to prevent the transport of sediment.

The following is a checklist of items that will be checked and maintained throughout construction.

**Drainage Structures:** The Owner is responsible for cleaning all existing catch basins, yard drains, manholes, piping, and outlet protection on their property. A Connecticut licensed hauler shall clean the sumps, and legally dispose of removed sand at an off-site location. The road sand may not be reused or stored on-site.

Existing catch basins and area drains shall be inspected every four months, with one inspection occurring during the month of April. Any debris occurring within one foot from the bottom of each sump shall be removed by Vacuum "Vactor" type of maintenance equipment. Maintain a log of inspections. Remove organic matter, sand and debris from catch basins as necessary and dispose of legally.

**Pavement:** Paved areas shall be swept periodically by the Owner to clean trash and other debris. The Owner will sweep paved areas on its property in the spring to remove winter accumulations of road sand.

Perform a visual inspection of paved areas four times per year with one inspection after the last snowfall, but no later than April 1. Sweep accumulated sediment and debris from the paved areas. Clean paved areas as necessary during the remainder of the year.

Stormwater maintenance forms and checklists, for the proposed project can be found in **Appendix F**.

## 2.9 Maintenance of Soil Erosion and Sedimentation Controls

### 2.9.1 Silt Fence

Control Objective	Intercept, and redirect/detain small amounts of sediment from small disturbed areas; decrease velocity of sheet flow; protect sensitive slopes or soils from excessive water flow.
Inspection/Maintenance	Inspect at least once a week and within 24 hours of the end of a storm with a rainfall of 0.5 inches or more. Accumulated sediment must be removed once the depth of sediment is equal to ½ the height of the barrier. Inspect frequently during pumping operations if used for dewatering operations. For disturbed slopes equal to or greater than eight percent (8%), two (2) rows of erosion control barriers shall be installed unless an equivalent alternative is approved.
Failure Indicators	Physical damage or decomposition; evidence of overtopped or undercut fence; evidence of significant flows evading capture; repetitive failure

### 2.9.2 Construction Entrance

Control Objective	Reduce the tracking of sediment off-site onto paved surface
Inspection/Maintenance	Inspect at the end of each workday and immediately repair damages. Periodic addition of stone or lengthening of entrance may be required as conditions demand. All sediment spilled, dropped, washed, or tracked onto paved surfaces as a result of inefficiency of construction entrance shall be immediately removed.
Failure Indicators	Sediment in roadway adjacent to site.

### 2.9.3 Catch Basin Inlet Protection

Control Objective	Prohibit silt in construction-related runoff from entering storm drainage system.
Inspection/Maintenance	Inspect after any rain event. If filter bag inside catch basin contains more than 6" of sediment, remove sediment from bag. Check surrounding silt fence and hay bales per noted above. Repair or replace damaged, displaced, or non-functional inlet protection within 24 hours of observed failure.
Failure Indicators	Ripped bag; failed hay bales/silt fence; significant silt presence in storm drainage system outflow.

### 2.9.4 Stockpile Protection

Control Objective	Retain soil stockpile in locations specified and reduce water-transport.
Inspection/Maintenance	Inspect silt fence at the end of each workday and immediately repair damages. Periodic reinforcement of silt fence or addition of hay bales may be necessary.
Failure Indicators	Evidence of stockpile diminishing due to rain events; failure of silt fence.

## 2.10 Inspection Procedures

### 2.10.1 Plan Implementation Inspection

Prior to commencement of each phase of the construction activity on the site, the Permittee shall contact the designing Qualified Professional and, for Locally Exempt projects including, but not limited to, Solar Arrays subject to Appendix I, the appropriate District, to ensure that all required inspections are conducted. For each phase of construction, the site shall be inspected at least once within the first thirty (30) days of construction activity and at least three times, with seven (7) or more days between inspections, within the first ninety (90) days of construction activity to confirm compliance with the general permit and proper initial implementation of all Control Measures designated in the SPCP for each phase of construction. The following conditions shall apply:

- a. For all projects not conducted by a state agency and which disturb more than one (1) acre, the inspector shall be someone who:
  - i. Is not an employee, as defined by the Internal Revenue Service in the Internal Revenue Code of 1986, of the applicant, and
  - ii. Has no ownership interest of any kind in the project for which the application is being submitted.
- b. For projects conducted by a state agency and which disturb more than one (1) acre, the inspector shall be someone who:
  - i. Meets the requirements in subparagraph (a), above, or
  - ii. Is included in the list of Qualified Professionals specified in Section 2.2.17.1 of the general permit.

### 2.10.2 Routine Inspections

The Permittee shall routinely inspect the site for compliance with the general permit, including, but not limited to, compliance with the SPCP for the site, until a Notice of Termination under Section 4 of the general permit has been submitted to the Commissioner. Inspection procedures for these routine inspections shall comply with the following:

- a. The Permittee shall maintain a rain gauge on-site to document rainfall amounts. At least once a week and within 24 hours of the end of a storm that generates a discharge, a Qualified Inspector (provided by the Permittee), shall inspect, at a minimum, the following: disturbed areas of the construction activity that have not been finally stabilized; site discharge outfalls; dewatering discharges; all erosion and sediment Control Measures; all structural Control Measures; all soil stockpile areas; all washout areas, and locations where vehicles enter or exit the site. If at all possible, the inspection shall be conducted during an active rain event. For storms that end on a weekend, holiday or other time after which normal working hours will not commence within 24 hours, a routine inspection is required within 24 hours only for storms that equal or exceed 0.5 inches. For storms of less than 0.5 inches, an inspection shall occur immediately upon the start of the subsequent normal working hours. In areas of the site where temporary stabilization has been implemented, a routine inspection shall be conducted at least weekly until final stabilization has been achieved. Once all post-construction stormwater measures have been installed in accordance with the Post-Construction Stormwater Management and cleaned of any construction sediment or debris, a Post-Construction Inspection shall be conducted. For sites that have achieved final stabilization pursuant to Section 5.2.4.4, routine inspections shall then be conducted at least monthly.

A Tighe & Bond representative meeting the criteria of a "qualified inspector" through Professional Engineer licensure in the state of Connecticut OR certification of construction general permit inspector training through the EPA will conduct site inspections as described above at least once per week and within 24 hours of the end of a storm that generates a discharge, and all inspections and reports will be overseen by Jaclyn Caceci, PE, of Tighe & Bond.

- b. During each routine inspection the Qualified Inspector(s) shall, among other things, evaluate the effectiveness of erosion and sediment controls, structural controls, stabilization practices, and any other controls implemented to prevent pollution and determine if it is necessary to install, maintain, or repair such controls and/or practices to improve the quality of stormwater discharge(s). In addition, during each routine inspection, the site, including but not limited to, all of the areas noted in the preceding paragraph, shall be inspected for evidence of, or the potential for, the discharge of pollutants (such as sediment, discoloration, floatables, sheen, etc.) to waters or entering the drainage system, and impacts to the receiving waters. Turbidity monitoring pursuant to Section 5.2.2.8.b may also be conducted during these inspections. Locations where vehicles enter or exit the site shall also be inspected for evidence of off-site sediment tracking.

A Tighe & Bond representative meeting the criteria of a "qualified inspector" through Professional Engineer licensure in the state of Connecticut OR certification of construction general permit inspector training through the EPA will evaluate the effectiveness of each control component as outlined above during each routine inspection, occurring at intervals

specified herein, and all inspections and reports will be overseen by Jaclyn Caceci, PE, of Tighe & Bond.

- c. The Qualified Inspector conducting routine inspections shall prepare a report on each inspection. Each such report shall be retained in the SPCP. This report shall summarize: the scope of the inspection; name(s) and qualifications of personnel conducting the inspection; the date(s) of the inspection; weather conditions including precipitation information; major observations relating to erosion and sediment controls and the implementation of the SPCP; a description of the stormwater discharge(s) from the site, including any evidence of pollutant discharge; and any water quality monitoring performed during the inspection. The report shall be signed by the Permittee or his/her authorized representative in accordance with the Certification of Documents this general permit. The report shall include a statement that, in the judgment of the Qualified Inspector(s) conducting the site inspection, the site is either in compliance or out of compliance with the terms and conditions of the SPCP and permit. If the site inspection indicates that the site is out of compliance, the Permittee shall implement corrective actions pursuant to subsection i, below.
  - i. **Corrective Actions**

If the site inspection indicates that the site is out of compliance, the inspection report shall include a summary of the corrective actions required to bring the site back into compliance. Non-engineered corrective actions (as identified in the Guidelines) shall be implemented on site within 24 hours and incorporated into a revised SPCP within three (3) calendar days of the date of inspection unless another schedule is specified in the Guidelines. Engineered corrective actions (as identified in the Guidelines) shall be implemented on site within seven (7) calendar days and incorporated into a revised SPCP within ten (10) calendar days of the date of inspection, unless another schedule is specified in the Guidelines or is approved by the Commissioner. During the period in which any corrective actions are being developed and have not yet been fully implemented, interim measures shall be implemented to minimize the potential for the discharge of pollutants from the site. If the Permittee must repeatedly (i.e., three (3) or more times) make the same routine maintenance fixes to the same control at the same location, even if the fix can be completed within the time periods prescribed above, the designing Qualified Professional shall investigate and develop a revised control measure to remedy the failure. A record of all corrective actions shall be maintained in the SPCP.
- d. Inspectors from DEEP and the appropriate District, where applicable, may inspect the site to verify compliance with this general permit at any time construction activities are ongoing, and upon completion of construction activities, until a Notice of Termination has been accepted by the Commissioner pursuant to Section 4 of the general permit.
- e. For Locally Exempt Projects except those conducted by state agencies, once all post-construction stormwater measures have been installed in accordance with the Section 5.2.2.10 of the general permit, "Post-Construction Control Measures" and cleaned of any construction sediment or debris, the Permittee shall ensure that a qualified soil erosion and sediment control professional or a Qualified Professional Engineer inspects the site to confirm site stabilization and compliance with the post-construction stormwater management requirements of the general permit. A report shall be prepared and certified in accordance with Sections 4.2.2, 5.1.6, and 5.2.1.2.h of the general permit to indicate compliance with this requirement on the Notice of Termination form.

A Tighe & Bond representative meeting the criteria of a “qualified inspector” through Professional Engineer licensure in the state of Connecticut OR certification of construction general permit inspector training through the EPA will prepare a report following each inspection. Components of the report will be consistent with those required by the Permit and outlined herein. The report shall be signed by the Permittee or an authorized representative in accordance with the Certification of Documents this general permit. All inspections and reports will be overseen by Jaclyn Caceci, PE, of Tighe & Bond.

For all projects, once the site has achieved final stabilization, as defined in Section 10, the Permittee shall have the site inspected by a Qualified Professional Engineer. This inspection shall confirm that all temporary erosion and sedimentation measures (silt fence, haybales, etc.) have been removed, all areas of the site are fully stabilized and vegetated, and that all post-construction stormwater management measures are implemented and functioning as designed. The inspection report shall include ground and/or aerial photographs to document final stabilization. All photographs must be clear and in focus, and in the original format and resolution; and include the date each photograph was taken, and a brief description of the area of the site captured by the photograph (e.g., photo shows full establishment of vegetation on northeast corner of site).

A Tighe & Bond representative meeting the requirements of a Qualified Professional Engineer will conduct an inspection following final site stabilization to confirm compliance with the requirements outlined herein through the preparation of an inspection report. All inspections and reports will be overseen by Jaclyn Caceci, PE, of Tighe & Bond.

For all projects, once the site has maintained final stabilization for at least one (1) year following the Final Stabilization Inspection, the Permittee shall have the site inspected by a Qualified Inspector to confirm such stabilization has been maintained. The inspection report shall include ground or aerial photographs to document final stabilization. All photographs must be clear and in focus, and in the original format and resolution; and include the date each photograph was taken, and a brief description of the area of the site captured by the photograph (e.g., photo shows application of seed and erosion control mats to remaining exposed surfaces on northeast corner of site). The Permittee shall submit the Termination Inspection report with the Notice of Termination form.

- i. No Termination Inspection is required for permits terminated by a Change of Permittee pursuant to Section 3.7 or for Site Preparation Phases authorized under a state or federal agency design-build project.

A Tighe & Bond representative meeting the criteria of a “qualified inspector” through Professional Engineer licensure in the state of Connecticut OR certification of construction general permit inspector training through the EPA will evaluate the site to ensure that final stabilization has been maintained in accordance with the requirements outlined herein. The inspection report will include all aforementioned components in compliance with permit requirements. All inspections and reports will be overseen by Jaclyn Caceci, PE, of Tighe & Bond.

### **2.10.3 Inspection Personnel Qualifications**

For Plan implementation inspections, the site shall be inspected by a qualified soil erosion and sediment control professional or a qualified professional engineer. For sites not inspected by District personnel, the inspector shall be someone who:

- a. is not an employee, as defined by the Internal Revenue Service in the Internal Revenue Code of 1986, of the registrant, and

- b. has no ownership interest of any kind in the project for which the registration is being submitted.

## 2.11 Dewatering Wastewaters

If encountered, dewatering wastewaters will be managed in accordance with Section 5.2.2.8 of the General Permit. Unless developed otherwise by the site engineer, all such discharges will be infiltrated into the ground. Any dewatering wastewaters discharged to surface waters shall be discharged in a manner that minimizes the discoloration of the receiving waters. No discharge of dewatering wastewaters shall contain or cause a visible oil sheen, floating solids, or foaming in the receiving water.

## 2.12 Waste Material

All trash and construction debris will be removed from the Site and disposed of in an appropriate manner. No construction debris material will be buried or disposed of on the Site.

If hazardous waste is encountered, all hazardous waste materials will be disposed of in the manner specified by local, state, or federal regulation, or by the manufacturer of such waste.

The Contractor's Site construction superintendent will be responsible for seeing that these practices are followed.

## 2.13 Washout Areas

There shall be no surface discharge of concrete washout wastewaters from the Site. Any washout areas shall be outside of any buffers and at least 50-ft from any stream, wetland, or other sensitive area or in a marked container. The area shall be flagged and marked out.

The washout area shall be an entirely self-contained system. All wash water shall be directed into a container or pit used solely for that purpose, and it shall be designed so that no overflows can occur during rainfall or after snowmelt. At least once per week, the containers or pits used for washout shall be inspected to ensure structural stability, adequate holding capacity, and to check for leaks and/or overflow. If there are any leaks, holes, or overflows in the containers or pits that could lead to discharge, they shall be repaired or replaced prior to further use.

For concrete washout areas, hardened waste concrete shall be removed when hardened concrete has accumulated to a height of  $\frac{1}{2}$  of the container or pit or as necessary to avoid overflows.

All waste storage containers, including, but not limited to dumpsters and tanks, shall be covered and leak-proof to prevent stormwater from coming into contact with solid or liquid waste. The dumping of liquid wastes into storm sewers is expressly prohibited.

## 2.14 Off-Site Vehicle Tracking Dust Suppression

Off-site vehicle tracking of sediments and generation of dust shall be minimized. Wet dust suppression shall be used for any operation that may cause airborne particulates. The volume of water used for dust suppression shall be minimized to prevent the runoff of water. No discharge of

dust control water shall contain visible oil sheen, floating, solids, visible discoloration, or foaming in any receiving waters.

Where sediment has been tracked-out from the site onto paved roads, sidewalks, or other paved areas outside of the site, the Contractor shall remove the deposited sediment by the end of the same business day in which the track-out occurs or by the end of the next business day if track-out occurs on a non-business day. Track-out sediment shall be removed by sweeping, shoveling, or vacuuming these surfaces. Tracked out sediment shall not be swept or hosed into any constructed or natural site drainage feature, storm drain inlet or receiving water.

## 2.15 Cleaning

All silt fence, haybales, straw wattles, and other temporary sediment and erosion control devices shall be removed upon final stabilization of the Site. All accumulated sediment shall also be legally disposed of in stabilized upland areas or off-site.

## 2.16 Storage of Chemical and Petroleum Products

All chemical and petroleum product containers stored on the Site during construction shall be stored within an impermeable containment system that is free of gaps and cracks, can contain any leaks or spills and accumulated precipitation until the collected materials are detected and removed, and which can hold at least 110% of the volume of the largest container, or 10% of the total volume of all containers in the area, whichever is larger, without overflow from the containment system. All chemicals stored in containers of 100-gallon capacity, or more, in which case a roof is not required. Double walled tanks satisfy the requirements for containment and roofing.

The Contractor shall store all fuel, oil, paint, solvents or other hazardous chemicals and petroleum products in an approved, secured secondary containment system during non-working hours.

The Contractor shall submit a plan to the Engineer/Owner for approval providing details of proposed procedures for vehicle and equipment fueling and maintenance. At a minimum, the plan shall include collection, containment and disposal procedures for vehicular fluids and lubricants, an inventory of collection and containment equipment, and proposed locations for this work. The contractor shall not mobilize vehicles and equipment on site until the fueling and maintenance plan has been approved by the Engineer/Owner. There shall be no discharge of vehicle or equipment fluids or detergent chemicals to the environment. Vehicles or equipment found to violate this requirement shall be immediately repaired or removed from the site.

Refueling and maintenance of vehicles and equipment shall be conducted at a location approved by the Engineer/Owner. The location shall be a paved or other impervious surface away from stormwater catch basins and watercourses, unless otherwise approved as part of the Contractor's fueling and maintenance plan. All refueling and maintenance work shall be in accordance with the approved fueling and maintenance plan. Spill equipment should be readily available during refueling activities.

## 2.17 Reporting and Record Keeping

Spills of oil, grease, or other harmful chemicals must immediately be cleaned by the removal of and containment of contaminated soil or emergency spill kit. An emergency spill kit, or alternative proprietary device, must be present and accessible on site for emergency removal of oil, grease, or

chemical spills. For reportable spills per Regs. Conn. State Agencies 22a-430-3 subsection (p), the Permittee shall call the DEEP Emergency Response Unit at (860)424-3338.

For a period of at least five years from the date the Notice of Termination is accepted by the Commissioner, the permittee shall retain copies of the Plan and all reports required by this general permit, and records of all data used to complete the registration for this general permit, unless the commissioner specifies another time period in writing. Inspection records must be retained as part of the Plan for a period of five (5) years after the date of inspection.

The permittee shall retain an updated copy of the Plan required by the General Permit at the construction site from the date construction is initiated at the site until the date construction at the site is completed.

Revisions to the Plan may involve the following actions:

- The Permittee shall amend the Plan if the actions required by the Plan fail to prevent pollution or fail to otherwise comply with any other provision of the general permit. The Plan shall also be amended whenever there is a change in contractors or subcontractors at the site, or a change in design, construction, operation, or maintenance at the site which has the potential for the discharge of pollutants to the waters of the state and which has not otherwise been addressed in the Plan.
- The commissioner may notify the Permittee at any time that the Plan and/or the site do not meet one or more of the minimum requirements of the general permit. Within 7 days of such notice, or such other time as the commissioner may allow, the permittee shall make the required changes to the Plan and perform all actions required by such revised Plan. Within 15 days of such notice, or such other time as the commissioner may allow, the permittee shall submit to the commissioner a written certification that the requested changes have been made and implemented and such other information as the commissioner requires, in accordance with the "Duty to Provide Information" and "Certification of Documents" (subsections 5(h) and 5(i)) of the General Permit).

## 2.18 Contractor Certification

All contractors and subcontractors who will perform any construction activity that may reasonably be expected to cause or have the potential to cause erosion, or pollution to the receiving waters will be identified prior to construction and included in Section 1 of this plan. Each such contractor and subcontractors will sign the certification statement set forth in Section 1 of this plan.

## 2.19 Termination

At the completion of the construction project, a Notice of Termination (NOT) shall be filed with the Commissioner in accordance with Section 4 of the 2026 General Permit for the Discharge of Stormwater from Construction Activities. A copy of the Notice of Termination form is included as **Appendix G**.

The project shall be considered complete after all post-construction stormwater management measures have been installed, cleaned, are functioning as designed, and the site has achieved final stabilization, as defined in Section 10 of the General Permit.

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Final stabilization shall be considered achieved when no disturbed areas remain exposed, there is no evidence of active erosion or sedimentation, and permanent stabilization measures have been fully established across all phases of the project.

Following the Final Stabilization Inspection conducted in accordance with Section 5.2.4.4 of the General Permit, final stabilization shall be maintained for a minimum period of one (1) year. Upon completion of this one-year period, a Termination Inspection shall be conducted by a Qualified Inspector in accordance with Section 5.2.4.5 of the General Permit.

The Permittee shall submit the Notice of Termination to the Commissioner following completion of the Termination Inspection and shall indicate compliance with all applicable termination requirements on the Notice of Termination form.

**Tighe &  
Bond**

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# National Pollutant Discharge Elimination System General Permit for the Discharge of Stormwater from Construction Activities

Permit No.: CTR100000

This National Pollutant Discharge Elimination System *General Permit for the Discharge of Stormwater from Construction Activities* is issued in accordance with Section 22a-430 of Chapter 446k, Connecticut General Statutes (“Conn. Gen. Stat.”), and Regulations of Connecticut State Agencies (“Regs. Conn. State Agencies”) adopted thereunder, as amended, and Section 402(b) of the Clean Water Act (“CWA”), as amended, 33 USC 1251, et. seq., and pursuant to an approval dated September 26, 1973, by the Administrator of the United States Environmental Protection Agency for the State of Connecticut to administer a NPDES permit program. Persons shall comply with all conditions of this permit.

This permit becomes effective January 1, 2026. This permit and the authorization to discharge shall expire sixty (60) months (five (5) years) from the effective date. This permit expires on December 31, 2030.

Issued: January 1, 2026

Emma Cimino  
Deputy Commissioner

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# General Permit for the Discharge of Stormwater from Construction Activities

## Section 1 Authority

This general permit is issued under the authority of Section 22a-430b of the Connecticut General Statutes (“Conn. Gen. Stat.”).

## Section 2 Authorization Under This General Permit

### 2.1 Eligible Activities

This general permit authorizes the discharge of stormwater from construction activities, as defined in this general permit as “any activity and discharges associated with construction at a site or the site’s preparation for construction including, but not limited to, clearing, grubbing, pile driving, soil disturbance, soil compaction by construction equipment, staging and stockpiling, storage, cleaning and washout, grading, excavation, and dewatering,” with a total disturbance of one (1) or more acres of land area for the entire project regardless of project phasing to waters of the State of Connecticut provided the requirements of this section are satisfied and the activity is conducted in accordance with this permit.

In the case of a larger plan of development (such as a subdivision), the estimate of total acres of site disturbance shall include, but is not limited to, road and utility construction, individual lot construction (e.g. house, driveway, septic system, etc.), and all other construction associated with the overall plan, regardless of the individual parties responsible for construction of these various elements.

#### 2.1.1 Allowable non-stormwater discharges

The following non-stormwater discharges associated with the construction activity are authorized under this permit provided that, with the exception of water used to control dust and to irrigate vegetation in stabilized areas, these discharges are not routed to areas of exposed soil on the site, are included in the Stormwater Pollution Control Plan, and the Permittee complies with the applicable requirements of Section 5.2:

- uncontaminated discharges from construction dewatering operations in accordance with requirements of Section 5.2.2.8.
- uncontaminated and non-turbid discharges from natural springs or naturally occurring groundwater.
- foundation or footing drains where flows are not contaminated with process materials such as solvents or contaminated ground water.
- discharges from emergency fire-fighting activities.
- landscape irrigation.
- water used to control dust.
- potable water including uncontaminated water line or fire hydrant flushing.
- uncontaminated air conditioning or compressor condensate.

All other non-stormwater discharges except those specifically listed are not authorized by this permit. Such discharges to surface water must be authorized under a different permit issued by the Commissioner (pursuant to Section 22a-430 or 22a-430b of the Conn. Gen. Stat.).

#### 2.1.2 Emergency Construction Activity Exception

The general permit authorizes short-term discharges of stormwater from construction activities in response to a public emergency as determined by the Commissioner (e.g., mud slides, earthquake, extreme flooding conditions, widespread disruption in essential public services), when the related work requires immediate authorization to avoid imminent endangerment to human health, public safety, or the environment, or to reestablish essential public services.

## **2.2 Requirements for Authorization**

This general permit authorizes the discharge of stormwater from construction activity and associated discharges listed in the Section 2.1 “Eligible Activities” of this general permit provided the following conditions are met:

### **2.2.1 Limitations of Coverage**

#### **2.2.1.1 Prohibited discharges**

The following discharges are prohibited:

- wastewater from washout of concrete, unless managed in accordance with Section 5.2.2.11.b of this general permit and the Connecticut Guidelines for Soil Erosion and Sediment Control (“the Guidelines”).
- wastewater from washout and/or cleanout of stucco, paint, form release oils, curing compounds, and other construction materials.
- fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance.
- soaps, solvents, or detergents used in vehicle and equipment washing or external building washdown.
- toxic or hazardous substances from a spill or other release.
- discharges from dewatering activities, including discharges from dewatering of trenches and excavations, are prohibited unless managed by appropriate Control Measures.
- discharges containing or resulting in a visible oil sheen, floating solids, or foam.
- discharge of litter, debris, building materials, hardened concrete waste, or similar materials from the site.
- process wastewater as defined by 40 Code of Federal Regulations (“CFR”) 122.2.
- slurry materials and waste from shaft drilling, including process wastewater from shaft drilling for construction of building, road, and bridge foundations unless managed to prevent discharge to surface water.
- wheel wash wastewater, unless managed in accordance with Section 5.2.2.11.c of this general permit and the Guidelines.
- discharges of water, substance, or material into the waters of the State other than eligible discharges specified in this general permit.
- eligible discharges to publicly or privately owned storm sewers or conveyances without notification being provided to the owner.
- the stormwater discharge resulting from an activity classified by the Standard Industrial Classification 10 and 12 through 14 (the mining industry) is not eligible to be authorized by this general permit and is regulated under the General Permit for the Discharge of Stormwater Associated with Industrial Activity.
- discharges of dewatering waters known to contain pollutants other than sediment.
- discharges of polychlorinated biphenyl (“PCB”) compounds.
- discharges of mercury compounds.

### **2.2.2 Complete Application**

A complete application pursuant to Section 3 of this general permit shall be filed with the Commissioner.

### **2.2.3 Coastal Management Act**

Such construction activity must be consistent with all applicable goals and policies in Section 22a-92 of the Conn. Gen. Stat. and must not cause adverse impacts to coastal resources as defined in Section 22a-93(15) of the Conn. Gen. Stat. Please refer to the Appendix D for additional guidance.

### **2.2.4 Endangered and Threatened Species**

Such construction activity must not threaten the continued existence of any species listed pursuant to Section 26-306 of the Conn. Gen. Stat. as endangered or threatened and must not result in the destruction or adverse modification of habitat designated as essential to such species. See Appendix A for permit terms and conditions.

### **2.2.5 Aquifer Protection Areas**

Such construction activity, if it is located within an aquifer protection area as mapped under Section 22a-354b of the Conn. Gen. Stat., must comply with regulations adopted pursuant to Section 22a-354i of the Conn. Gen. Stat. Please refer to the Appendix C for guidance. For any construction activity regulated pursuant to the Aquifer Protection Regulations in Sections 22a-354i-8(c) and 9(b) of the Regs. Conn. State Agencies, the Stormwater Pollution Control Plan (“SPCP”) must provide sufficient information to assure that stormwater discharge generated from the construction activity is (i) managed in a manner so as to prevent pollution of groundwater, and (ii) complies with all the requirements of this general permit.

### **2.2.6 Conservation and Preservation Restrictions**

Such construction activity, if located within a conservation or preservation restriction area, complies with Section 47-42d of the Conn. Gen. Stat., by providing the following documentation to the Commissioner: proof of written notice to the holder of such restriction of the proposed activity’s application pursuant to this general permit or a letter from the holder of such restriction verifying that the proposed activity is in compliance with the terms of the restriction.

### **2.2.7 Historic Preservation**

Such construction activity, in accordance with the criteria in Appendix G, complies with state Historic Preservation statutes, regulations, and policies including identification of any potential impacts on property listed or eligible for listing on the Connecticut Register of Historic Places. A review conducted for an Army Corps of Engineers Section 404 wetland permit would meet this qualification. Refer to Appendix G for guidance on conducting the required review.

### **2.2.8 Wild and Scenic Rivers Act**

Such construction activity must be consistent with the Wild and Scenic Rivers Act (16 U.S.C. 1271-1287) for those river components and tributaries which have been designated as Wild and Scenic by the United States Congress. Further, such construction activities must not have a direct and adverse effect on the values for which such river designation was established. Please refer to Appendix H for guidance.

### **2.2.9 Antidegradation**

#### **2.2.9.1 New or Increased Discharges to High Quality Waters**

Any new or increased discharge of stormwater to a High Quality Water (as identified by the Commissioner consistent with the Water Quality Standards shall be discharged in accordance with the Connecticut Anti-Degradation Implementation Policy in the Water Quality Standards regulation (Section 22a-426 of the Regs. Conn. State Agencies). Before commencing any new or increased discharge, the Permittee must identify in its Stormwater Pollution Control Plan (“SPCP”), the Control

Measures it will implement to ensure compliance with anti-degradation provisions and the terms of this permit. At a minimum, the Permittee shall evaluate and implement measures and practices consistent with Best Available Technology Economically Achievable (“BAT”) that will prevent the discharge of the Water Quality Volume (“WQV”) to a surface water body or other practices necessary to protect and maintain designated uses and meet standards and criteria contained in the Water Quality Standards.

#### 2.2.9.2 Discharges to Impaired Waters

For any portion of the site that discharges stormwater into a waterbody that is listed as impaired for sediment or a sediment-related impairment in the State’s Integrated Water Quality Report as of the effective date of this general permit, the Permittee shall comply with the requirements of Section 5.2.3 of this permit. Additionally, the Commissioner may require new or enhanced Control Measures or outfall monitoring, as necessary to protect instream water quality standards. These Control Measures may include those necessary for the stormwater discharge to be consistent with the assumptions of any available load allocation in any applicable TMDL or Watershed Action Plan.

#### 2.2.9.3 For discharges to other impaired waters or waters with an established TMDL

If the Permittee discharges stormwater into a waterbody that is impaired for a parameter other than a sediment or sediment-related parameter, the Commissioner may inform the Permittee if any additional measures are necessary for the discharge to be controlled as necessary to protect the instream water quality standards. These Control Measures may include those necessary for the discharge to be consistent with the assumptions of any available load allocation in any applicable TMDL or Watershed Action Plan. In addition, the Commissioner may require the Permittee to apply for and obtain coverage under an individual permit.

### 2.2.10 Cold Water Stream Habitat

Unless otherwise authorized in writing by the Commissioner, a Permittee shall maintain a one-hundred (100) foot buffer of undisturbed soil and well-established vegetation between any construction activity and any stream, river, or tributary that is included within a cold water stream habitat as defined in regulation and accessible on DEEPs website here: <https://portal.ct.gov/DEEP/Water/Inland-Water-Monitoring/Cold-Water-Stream-Habitat-Map>.

### 2.2.11 Discharge to POTW

The stormwater is not discharged to a privately or Publicly Owned Treatment Works (“POTW”).

### 2.2.12 Discharge to Groundwater

The stormwater is not discharged entirely to groundwater.

### 2.2.13 Certification Requirements for Applicants and other Individuals

As part of the application for this general permit, the applicant and any other individual or individuals responsible for preparing the application submits to the Commissioner a written certification which, at a minimum, complies with the following requirements:

#### 2.2.13.1 Review

The applicant and any other individual or individuals responsible for preparing the application and signing the certification has completely and thoroughly reviewed, at a minimum, this general permit and the following regarding the activities to be authorized under such general permit:

- a. All application information provided in accordance with Section 3.3 of this general permit.
- b. The project site, based on a site inspection.

- c. The Stormwater Pollution Control Plan.
- d. Any plans and specifications and any Department approvals regarding such Stormwater Pollution Control Plan.

#### 2.2.13.2 Affirmative Determination

The applicant and any other individual or individuals responsible for preparing the application and signing the certification pursuant to this general permit has, based on the review described in Section 2.2.13.1 of this general permit, made an affirmative determination to:

- a. Comply with the terms and conditions of this general permit.
- b. Maintain compliance with all plans and documents prepared pursuant to this general permit including, but not limited to, the Stormwater Pollution Control Plan.
- c. Properly implement and maintain the elements of the Stormwater Pollution Control Plan.
- d. Properly operate and maintain all stormwater management systems in compliance with the terms and conditions of this general permit to protect the waters of the State from pollution.

#### 2.2.13.3 The applicant and any other individual or individuals responsible for preparing the application certifies to the following statement:

"I hereby certify that I am making this certification in connection with an application under the General Permit for the Discharge of Stormwater from Construction Activities (general permit), submitted to the Commissioner by [INSERT NAME OF APPLICANT] for an activity located at [INSERT ADDRESS OF PROJECT OR ACTIVITY] and that all terms and conditions of the general permit will be met for all discharges which will be initiated 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 the application filed pursuant to this general permit is on complete and accurate forms as prescribed by the Commissioner without alteration of their text. 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 2.2.13.1 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 2.2.13.2 of this general permit. I understand that the application 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."

#### **2.2.14 Designing Professional Engineer or Landscape Architect Certification**

The applicant submitted to the Commissioner a written certification by a professional engineer or, where appropriate, a landscape architect licensed in the State of Connecticut for the preparation, planning and design of the Stormwater Pollution Control Plan ("SPCP") and stormwater management systems.

The professional engineer or landscape architect shall certify to the following statement:

"I hereby certify that I am a [professional engineer] [landscape architect] licensed in the State of Connecticut. I am making this certification in connection with a application under the General Permit for the Discharge of Stormwater from Construction Activities (general permit), submitted to the Commissioner by [INSERT NAME OF APPLICANT] for an activity located at [INSERT ADDRESS OF PROJECT OR ACTIVITY]. I certify that I have thoroughly and completely reviewed the Stormwater Pollution Control Plan for the project or activity covered by this certification. I further certify, based on such review and on the standard

of care for such projects, that the Stormwater Pollution Control Plan has been prepared in accordance with the Connecticut Guidelines for Soil Erosion and Sediment Control, as amended, the Stormwater Quality Manual, as amended, and the conditions of the general permit, and that the controls required for such SPCP are appropriate for the site. I further 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 also understand that knowingly making any false statement in this certification may subject me to sanction by the Department and/or 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."

### **2.2.15 Stormwater Pollution Control Plan Review and Certification by a District for Locally Approvable Projects**

For Locally Approvable Projects, any Stormwater Pollution Control Plan ("SPCP" or "Plan") not reviewed in accordance with Section 2.2.16 below, the applicant has submitted to the Commissioner a written certification by the appropriate regional Soil and Water Conservation District ("District"), as defined in this general permit, for the review of the Stormwater Pollution Control Plan pursuant to Appendix E, which, at a minimum, complies with the following requirements:

#### **2.2.15.1 Plan Review Certification**

The Plan Review Certification must be signed by an authorized representative of the District. Information on the District review process is outlined in the Memorandum of Agreement provided in Appendix E. In cases where the District is unable to complete the review of the SPCP within the time limits specified in the Memorandum of Agreement in Appendix E, a notice to that effect signed by an authorized representative of the District may be submitted in lieu of the certification.

#### **2.2.15.2 Stormwater Pollution Control Plan**

The Stormwater Pollution Control Plan has been prepared in accordance with the requirements of Section 5.2 of the general permit.

### **2.2.16 Stormwater Pollution Control Plan Review and Certification by a Qualified Professional for Locally Approvable Projects**

For the purposes of this section, a "Qualified Professional" is either a Qualified Soil Erosion and Sediment Control Professional or a Qualified Professional Engineer licensed in the state of Connecticut and in good standing.

#### **2.2.16.1 Qualified Professional Criteria**

- a. Projects with an engineered stormwater management system

For projects with an engineered stormwater management system, if the SPCP is not reviewed in accordance with Section 2.2.15 above, the applicant shall submit to the Commissioner a signed certification by a Qualified Professional engineer.

- b. Projects without an engineered stormwater management system

For projects without an engineered stormwater management system, if the SPCP is not reviewed in accordance with Section 2.2.15 above, the applicant shall submit to the Commissioner a written certification by a qualified soil erosion and sediment control professional or Qualified Professional engineer.

#### **2.2.16.2 Certification by Qualified Professional**

All projects shall submit a signed certification by a Qualified Professional to the Commissioner in accordance with the following requirements:

- a. For projects disturbing more than one acre and less than twenty (20) acres, such Qualified Professional:
  - i. Is not an employee, as defined by the Internal Revenue Service in the Internal Revenue Code of 1986, of the applicant.
  - ii. Has no ownership interest or monetary investment of any kind in the project for which the application is being submitted.
- b. For projects disturbing twenty (20) acres or more, such Qualified Professional:
  - i. Is not an employee, as defined by the Internal Revenue Service in the Internal Revenue Code of 1986, of the applicant.
  - ii. Has no ownership interest or monetary investment of any kind in the project for which the application is being submitted.
  - iii. Did not engage in any activities associated with the preparation, planning, designing or engineering of such plan for soil erosion and sediment control or plan for stormwater management systems on behalf of such applicant.
  - iv. Is not under the same employ as any person who engaged in any activities associated with the preparation, planning, designing or engineering of such plans and specifications for soil erosion and sediment control or plans and specifications for stormwater management systems on behalf of such applicant.

2.2.16.3 The Qualified Professional signing the certification has, at a minimum, completely and thoroughly reviewed this general permit and the following regarding the discharges to be authorized under such general permit:

- a. All application information provided in accordance with Section 3.3 of this general permit.
- b. The site, based on a site inspection.
- c. The Stormwater Pollution Control Plan.
- d. The Guidelines.
- e. The Stormwater Quality Manual, if applicable.
- f. All non-engineered and engineered stormwater management systems, including any plans and specifications and any approvals by the Commissioner regarding such stormwater management systems.

2.2.16.4 Affirmative Determination

- a. Qualified Soil Erosion & Sediment Control Professional

The qualified soil erosion and sediment control professional signing the certification must have made an affirmative determination, based on the review described in Section 2.2.13.1 of this general permit that:

- i. The Stormwater Pollution Control Plan prepared and certified pursuant to the application is adequate to assure that the project or activity authorized under this general permit, if implemented in accordance with the Stormwater Pollution Control Plan, will comply with the terms and conditions of such general permit.
- ii. All non-engineered stormwater management systems:
  - have been designed to control pollution using measures that reflect the Best Available Technology economically achievable (“BAT”), and that conform to the Guidelines and the Stormwater Quality Manual.

- will function properly as designed and constructed.
- are adequate to ensure compliance with the terms and conditions of this general permit.
- will not cause or contribute to violations of the instream water quality standards and protect the waters of the State from pollution.

iii. There are no engineered stormwater management systems for the site.

b. Qualified Professional Engineer

The Qualified Professional engineer, licensed in the state of Connecticut and in good standing, signing the certification must have made an affirmative determination, based on the review described in Section 2.2.13.1 of this general permit that:

- i. The Stormwater Pollution Control Plan prepared and certified pursuant to the application is adequate to assure that the activity authorized under this general permit, if implemented in accordance with the Stormwater Pollution Control Plan, will comply with the terms and conditions of such general permit.
- ii. All non-engineered and engineered stormwater management systems:
  - have been designed to control pollution to the BAT and that conform to those in the Guidelines and the Stormwater Quality Manual.
  - will function properly as designed.
  - are adequate to ensure compliance with the terms and conditions of this general permit. and
  - will protect the waters of the State from pollution.

2.2.16.5 The Qualified Professional shall, provided it is true and accurate, certify to the following statement:

“I hereby certify that I am a Qualified Professional engineer licensed in the state of Connecticut and in good standing or a qualified soil erosion and sediment control professional, or both, as defined in the General Permit for Discharge of Stormwater from Construction Activities (general permit) and as further specified in Sections 2.2.16.1.a and 2.2.16.1.b of the general permit. I am making this certification in connection with an application under such general permit, submitted to the Commissioner by [INSERT NAME OF APPLICANT] for an activity located at [INSERT ADDRESS OF PROJECT OR ACTIVITY]. 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 2.2.16.3 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 further certify that I have made the affirmative determination in accordance with Sections 2.2.13.2 and 2.2.16.4 of this general permit. I understand that this certification is part of an application submitted in accordance with Section 22a-430b of Conn. Gen. Stat. and is subject to the requirements and responsibilities for a Qualified Professional in such statute. I also understand that knowingly making any false statement 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.”

**2.2.17 Plan Review and Certification for Projects Conducted by State Agencies**

For construction activity owned or operated by a state of Connecticut agency (e.g. Department of Transportation (CTDOT), Department of Administrative Services (DAS), etc.), the applying agency has submitted to the Commissioner a signed certification by a Qualified Professional in accordance with the following requirements:

- 2.2.17.1 The applying agency or another state agency has developed a process to establish a list of Qualified Professionals for which the process to qualify has been approved in writing by the Commissioner.
- 2.2.17.2 The Qualified Professional reviewing and certifying the SPCP is included on the list prepared by a state agency and for which the process to establish the list has been approved by the Commissioner pursuant to Section 2.2.17.1, above.
- 2.2.17.3 The Qualified Professional signing the certification has, at a minimum, completely and thoroughly reviewed this general permit and the following regarding the discharges to be authorized under such general permit:
- a. All application information provided in accordance with Section 3.3 of such general permit.
  - b. The site, based on a site inspection.
  - c. The Stormwater Pollution Control Plan.
  - d. The Guidelines.
  - e. The Stormwater Quality Manual, if applicable.
  - f. All non-engineered and engineered stormwater management systems, including any plans and specifications and any Department approvals regarding such stormwater management systems.
- 2.2.17.4 Affirmative Determination
- a. A qualified soil erosion and sediment control professional signing the certification must have made an affirmative determination, based on the review described in Section 2.2.13.1 of this general permit that:
    - i. The Stormwater Pollution Control Plan prepared and certified pursuant to the application is adequate to assure that the project or activity authorized under this general permit, if implemented in accordance with the Stormwater Pollution Control Plan, will comply with the terms and conditions of such general permit.
    - ii. All non-engineered stormwater management systems:
      - have been designed to control pollution to the BAT and that conform to those in the Guidelines and the Stormwater Quality Manual.
      - will function properly as designed.
      - are adequate to ensure compliance with the terms and conditions of this general permit.
      - will protect the waters of the State from pollution.
    - iii. There are no engineered stormwater management systems for the site.
  - b. A Qualified Professional engineer signing the certification must have made an affirmative determination, based on the review described in Section 2.2.13.1 of this general permit that:
    - i. The Stormwater Pollution Control Plan prepared and certified pursuant to the application is adequate to assure that the activity authorized under this general permit, if implemented in accordance with the Stormwater Pollution Control Plan, will comply with the terms and conditions of such general permit.
    - ii. All non-engineered and engineered stormwater management systems:
      - have been designed to control pollution to the BAT and that conform to those in the Guidelines and the Stormwater Quality Manual.
      - will function properly as designed.

- are adequate to ensure compliance with the terms and conditions of this general permit.
- will protect the waters of the State from pollution.

2.2.17.5 The Qualified Professional shall, provided it is true and accurate, certify to the following statement:

"I hereby certify that I am a Qualified Professional engineer licensed in the state of Connecticut and in good standing or qualified soil erosion and sediment control professional, or both, as defined in the General Permit for Discharge of Stormwater from Construction Activities and as further specified in Sections 2.2.16.1.a and 2.2.16.1.b of such general permit. I am making this certification in connection with an application under such general permit, submitted to the Commissioner by [INSERT NAME OF APPLICANT] for an activity located at [INSERT ADDRESS OF PROJECT OR ACTIVITY]. 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 2.2.17.3 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 further certify that I have made the affirmative determination in accordance with Sections 2.2.13.2 and 2.2.17.4 of this general permit. I understand that this certification is part of an application submitted in accordance with Section 22a-430b of Conn. Gen. Stat. and is subject to the requirements and responsibilities for a Qualified Professional in such statute. I also understand that knowingly making any false statement 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."

2.2.17.6 Applications for construction activities conducted by a state agency under this subparagraph may be submitted in accordance with the requirements in Sections 3.3.2.

### **2.2.18 Solar Arrays**

For constructions activities associated with the development of a Solar Array that is categorized as Locally Exempt, as defined in Section 10 of this general permit, the applicant shall also comply with the requirements in Appendix I.

## **2.3 Geographic Area**

This general permit applies throughout the State of Connecticut.

## **2.4 Effective Date and Expiration Date of this General Permit**

This general permit is effective on the date it is issued by the Commissioner and expires five (5) years from such date. The general permit may be administratively continued in effect until the Department has reissued the permit in accordance with the Conn. Gen. Stat. and Regs. Conn. State Agencies. If the permit is administratively continued, Permittees are required to comply with all permit terms and conditions, including the monitoring requirements and submittal of reports at the original frequency during the continuance of the permit.

## **2.5 Effective Date of Authorization**

### **2.5.1 Authorization to Discharge for Existing Permittees**

Upon the effective date of this general permit, Permittees that had existing authorization to discharge under the *General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities*, issued December 31, 2020, ("Existing Permittees") shall have continued authorization to discharge under the terms and conditions of this general permit, provided the Permittee is in compliance with the terms and conditions of this general permit and a complete application for this general permit is submitted to the Commissioner in accordance with Section 3 of this general permit on or before ninety (90) days after the effective date of this general permit until the Commissioner makes a final determination regarding such application.

If the Existing Permittee does not submit an appropriate, complete, and accurate application requesting authorization to discharge under this general permit or a Notice of Termination, if applicable, on or before ninety (90) days following the effective date of this permit, authorization under this permit will terminate on such due date. The Permittee must then submit a new application in compliance with the full terms and conditions of this permit. The Commissioner will review and approve, reject, or deny such applications in writing.

### **2.5.2 Emergency Construction Activity Exception**

For emergency construction activities (pursuant to Section 2.1.2) resulting in short-term discharges of stormwater from construction activities in response to a public emergency (e.g., mud slides, earthquake, extreme flooding conditions, widespread disruption in essential public services), when the related work requires immediate authorization to avoid imminent endangerment to human health, public safety, or the environment, or to reestablish essential public services, the date of authorization is the day the discharge initiated.

### **2.5.3 Locally Approvable Small Construction Activity**

No application or SPCP review is required for Small Construction Locally Approvable Projects that will disturb an area equal to or greater than one (1) and less than five (5) acres, regardless of phasing, provided a land-use commission of the municipality (i.e. planning/zoning, wetland, conservation, etc.) reviews and issues a written approval of the proposed erosion and sediment Control Measures, pursuant to the requirements of Section 22a-329 of the Conn. Gen. Stat. The owner or operator shall adhere to the erosion and sediment control land use regulations of the municipality in which the construction activity is conducted, as well as the Guidelines and the Stormwater Quality Manual. The date of authorization is the day written approval is obtained.

In the absence of a municipal commission to review and approve such activity, the Permittee shall apply with the DEEP under the requirements for a “Locally Exempt Project” and comply with all applicable conditions of this general permit.

### **2.5.4 Authorization to Discharge for New Permittees**

2.5.4.1 A new construction activity that has never been authorized to discharge under this general permit (“New Permittee”) is authorized to discharge in accordance with the terms and conditions of this general permit upon submittal of a complete application and after receiving a Notice of Coverage from the Commissioner in accordance with the following timelines:

a. Standard Authorization Timelines:

- i. For Locally Approvable Projects: sixty (60) days after submission of a complete application form.
- ii. For Locally Exempt Projects with a total disturbed area of under twenty (20) acres: sixty (60) days after submission of a complete application form.
- iii. For Locally Exempt Projects with a total disturbed area equal to or more than twenty (20) acres: ninety (90) days after submission of a complete application form.

2.5.4.2 Exceptions to the Standard Authorization Timelines

If either of the criteria apply below, authorization timelines shall supersede those in Subsection 2.5.4.1 above:

- a. For sites where the application and the Stormwater Pollution Control Plan (SPCP) availability and review provisions in Section 3.10 of this general permit are fulfilled prior to the expiration of the authorization timelines referenced in Subsection 2.5.4.1.a above, the Commissioner may grant authorization to discharge upon completion of those requirements.
- b. For sites where conditions of Section 2.2.4, 2.2.9 or Section 5.1.2 of the general permit apply, the construction activity is authorized only upon the date of the Commissioner's affirmative determination and/or Notice of Coverage.
- c. For Locally Exempt Projects conducted by a state agency, the construction activity may be authorized sixty (60) days after submission of a complete application form, regardless of the total disturbed area.

## **2.6 Transition to and from an Individual Permit**

No person shall operate or conduct an activity authorized by both this general permit and an individual permit or an alternative general permit issued by the Commissioner. The requirements for transitioning authorization are as follows:

### **2.6.1 Transition from an Individual Permit to Authorization Under this General Permit**

If an activity meets the requirements of authorization of this general permit and such operation or activity is presently authorized by an individual permit, the Permittee may seek a modification to the individual permit to exclude such operation or activity from that permit. If the operation or activity is the sole operation or activity authorized by such permit, the Permittee shall surrender its permit in writing to the Commissioner. In either event, such Permittee's individual permit shall continue to apply and remain in effect until authorization of such operation or activity under this general permit takes effect.

### **2.6.2 Transition from Authorization Under this General Permit to an Individual Permit**

If an activity or operation is authorized under this general permit and the Commissioner subsequently issues an individual permit for the same activity, then on the date any such individual permit is issued by the Commissioner, the authorization issued under this general permit shall automatically expire.

## **Section 3 Application Requirements**

### **3.1 Who Must File an Application**

An application form is not required for an Emergency Construction Activity (Section 2.5.2) or “Small Construction Locally Approvable Activities” (Section 2.5.3).

For all other eligible construction activities, any person, municipality, or state agency that initiates, creates, originates, or maintains a discharge of stormwater from or associated with construction activities that disturb one (1) or more acres shall file with the Commissioner an application form that meets the requirements of this Section of this general permit. Such form shall be submitted along with the applicable fee within the timeframes and in the amounts specified in this Section.

### **3.2 Scope of Application**

An applicant shall submit one (1) application for all discharges taking place at the site for which the application seeks authorization under this general permit. Discharges or activities taking place at more than one (1) site may not be consolidated on one (1) application form.

#### **3.2.1 Application Fees**

3.2.1.1 For Existing Permittees, construction activities that were authorized to discharge under the previous iteration of the general permit, the renewal fee shall be \$1,250.

3.2.1.2 For new Locally Approvable projects and Locally Exempt projects conducted by a state agency, the application fee shall be \$1,250.

3.2.1.3 New Locally Exempt Projects

For new Locally Exempt projects the application fee shall be as follows:

- a. For sites with total disturbance of one (1) or more acres, but less than twenty (20) acres, the fee shall be \$3,000.
- b. For sites with total disturbance equal to or greater than twenty (20) acres and less than fifty (50) acres, the fee shall be \$4,000.
- c. For sites with total disturbance equal to or greater than fifty (50) acres, the fee shall be \$5,000.

3.2.1.4 The fees for municipalities shall be half of those indicated, pursuant to Section 22a-6(b) of the Conn. Gen. Stat. State and Federal agencies shall pay the full fees specified in this subsection.

3.2.1.5 The application fee shall be paid to the Department of Energy & Environmental Protection.

3.2.1.6 An application shall not be deemed complete, and no activity shall be authorized by this general permit unless the application fee has been paid in full.

3.2.1.7 The application fee is non-refundable.

### **3.3 Application Requirements**

All applications must be electronically submitted, along with all required elements. Failure to submit a complete application form with all the required components of the application may result in the rejection of the application and/or significant delay in the processing of the application.

#### **3.3.1 Permittees with Existing Authorization to Discharge**

3.3.1.1 Permittees Authorized Under Previous General Permit

Upon the effective date of this general permit, existing Permittees authorized under the previous version of this general permit shall submit a complete application electronically for authorization to discharge under this general permit to the Commissioner in accordance with the requirements of this general permit on or before ninety (90) days after the effective date of this general permit. The Permittee submitting such application is not required to submit stormwater management design information included in Sections 5.2.1.2.g and 5.2.2.9. For such Permittees subject to Appendix I for solar projects, the Permittee will not be required to modify any existing Letters of Credit to meet the provisions of Section 1.0(8)(d)(ii) of Appendix I.

#### 3.3.1.2 Permittees Submitting New Application for Change of Permittee

For permittees submitting a new application for a construction activity with existing coverage authorized after the effective date of this permit, pursuant to Section 3.7 (Change of Permittee), the new permittee shall submit a complete application electronically for authorization to discharge under this general permit to the Commissioner in accordance with the requirements of Section 3.7. The Notice of Termination of the previous permittee's authorization shall be submitted in accordance with Section 4.2.2. If the new application includes any change of construction activities from those authorized in the existing application, the new Permittee is not eligible for authorization under this Section and a complete application must be submitted in accordance with the requirements of Section 3.3.2. or 3.3.3, as appropriate.

#### 3.3.1.3 Permittees Authorized Under a Site Preparation Phase Permit for a Design-Build Project

For state or federal agencies submitting an application for a Final Design Phase Permit to supersede a Site Preparation Phase Permit previously authorized for a design-build project, the permittee shall submit a complete application electronically for authorization to discharge under this general permit to the Commissioner in accordance with the requirements of this general permit at least thirty (30) days prior to the termination of the Site Preparation Phase Permit authorization pursuant to Section 4.2.3.

### 3.3.2 Applicants for New Locally Approvable Projects

For applications for new Locally Approvable projects and Locally Exempt projects conducted by a state agency, the application shall:

- 3.3.2.1 Be submitted to the Commissioner at least sixty (60) days prior to the planned commencement of the construction activity.
- 3.3.2.2 Include all of the information that may be required pursuant to Section 2.2, "Requirements for Authorization" of the general permit regarding compliance and/or consistency with the Coastal Management Act, NDDDB Determination Letter, Discharges to Impaired Waters and TMDL requirements, Fisheries Consultation, and Aquifer Protection Areas. *Failure to include these components may result in the rejection of the Application.*
- 3.3.2.3 Include a copy of the Stormwater Pollution Control Plan. The electronic SPCP shall be in Adobe™ PDF format or similar publicly available format in common use. The SPCP should not include any pages or other material that do not pertain to stormwater management or erosion and sediment control (such as electrical and lighting plans, boundary or lot surveys, building plans, non-stormwater related detail sheets, etc.). *The submission of these additional pages in the SPCP will delay the Department's review of the Application.*
- 3.3.2.4 Include a Plan Review Certification in accordance with the plan review certification requirements of either Section 2.2.15, 2.2.16, or 2.2.17 of the general permit.

### 3.3.3 Applications for New Locally Exempt Projects

Applications for new Locally Exempt projects (except those projects conducted by a state agency pursuant to Section 3.3.2), shall:

- 3.3.3.1 Be submitted at least:
  - a. Sixty (60) days prior to the planned commencement of the construction activity if the site has a total disturbance of between one (1) and twenty (20) acres.
  - b. Ninety (90) days prior to the planned commencement of construction activity if the site:
    - i. Has a total disturbance greater than twenty (20) acres.
    - ii. Discharges to a tidal wetland (that is not a fresh-tidal wetland) within 500 feet of the discharge point.
    - iii. Or is subject to the impaired waters provisions of Section 2.2.9.2 of the general permit.
- 3.3.3.2 Include all of the additional information that may be required pursuant to Section 2.2 of the general permit, "Requirements of Authorization", regarding compliance and/or consistency with the Coastal Management Act, NDDB Determination Letter, Discharges to Impaired Waters including TMDL requirements, Fisheries Consultation, Historic Preservation Review, Solar Array provisions, and Aquifer Protection.
- 3.3.3.3 Include an electronic copy of the Stormwater Pollution Control Plan (SPCP) for the Commissioner's review. The electronic SPCP shall be in Adobe™ PDF format. The SPCP should not include any pages or other material that does not pertain to stormwater management or erosion and sediment control (such as electrical and lighting plans, A-2 boundary or similar lot surveys, building plans, non-stormwater related detail sheets, etc.). *The submission of these additional pages in the SPCP will delay the Departments review of the application.*

## 3.4 Contents of Application

### 3.4.1 Standard Application Form

Applications shall be filed electronically on forms prescribed and provided by the Commissioner and include the following:

- 3.4.1.1 Legal name, mailing address, email address, and telephone number of the applicant. If the applicant is a person as defined in this permit transacting business in Connecticut and is registered with the Connecticut Secretary of the State, provide the exact name as registered with the Connecticut Secretary of the State.
- 3.4.1.2 Name, address, telephone number, contact's name, title, phone number, and email address for the following, if different than the applicant:
  - Owner of the property on which the construction activity will take place.
  - Primary contact for departmental correspondence and inquiries, if different from the applicant.
  - Developer of the property on which the construction activity is to take place.
  - General contractor(s) or other representative(s), if different from the developer (day and night).
  - Qualified Professionals, engineer(s) or landscape architect(s) retained by the Permittee to prepare the application and/or the Stormwater Pollution Control Plan.

- 3.4.1.3 Physical address or description of the site for which the application is filed. If the site does not have a mailing address, provide the nearest crossroads, mile markers, latitude/longitude, or permanent structures to identify the location.
- 3.4.1.4 For Existing Permittees, the previously issued permit number.
- 3.4.1.5 The estimated duration of the construction activity.
- 3.4.1.6 Indication of the normal working hours at the site.
- 3.4.1.7 A brief description of the construction activity, including, but not limited to
  - a. Total number of acres to be disturbed, regardless of phasing.
  - b. Indication or Narrative description that construction is in accordance with The Guidelines and Stormwater Quality Manual and local erosion and sediment control ordinances, where applicable.
  - c. Assurances

Assurance that the Stormwater Pollution Control Plan is consistent with the requirements of this general permit and the following provisions of state statutes and regulations, as appropriate:

- i. For sites in the Coastal Boundary, documentation that the DEEP Land and Water Resources Division or local governing authority has issued a coastal site plan approval or a determination that the project is exempt from coastal site plan review (see Appendix D) in accordance with Section 22a-92 and 22a-93(15) of the Conn. Gen. Stat.
  - ii. Documentation that the construction activity will not threaten the continued existence of any species listed pursuant to Section 26-306 of the Conn. Gen. Stat. as endangered or threatened and will not result in the destruction or adverse modification of habitat designated as essential to such species (see Appendix A). For sites located within a “listed species” habitat, applications must include a valid National Diversity Database Determination Letter Identification number.
  - iii. For sites discharging to impaired waters or waters that have a TMDL or specific load allocation for the site, as specified in Section 2.2.9.3 of the general permit, documentation that the construction activity meets the requirements of that section and Section 5.2.3 of the general permit for authorization under this general permit.
  - iv. Indication or documentation to determine if the construction activity is located within an aquifer protection area (see Appendix C) as mapped under Section 22a-354b of the Conn. Gen. Stat. If the site is partially or wholly in an aquifer protection area or public water supply watershed, provide a copy of correspondence with the local water company demonstrating that the construction activity will comply with regulations adopted pursuant to Section 22a-354i of the Conn. Gen. Stat.
  - v. Documentation that the proposed construction activity has been reviewed for consistency with state Historic Preservation statutes, regulations, and policies including identification of any potential impacts on property listed or property eligible for listing on the Connecticut Register of Historic Places. A review conducted for an Army Corps of Engineers Section 404 wetland permit would meet this qualification. Refer to Appendix G for guidance on conducting the required review.
- d. For a Locally Approvable project, a plan review certification from the appropriate and authorized District, qualified soil erosion and sediment control professional, and/or Qualified Professional engineer in accordance with Section 2.2.15.1 or Section 2.2.16.4.a or Section 2.2.16.4.b or a notice from the District that they were unable to complete the SPCP review within the time limits specified in the Memorandum of Agreement in Appendix E.

- e. For construction activities within one hundred (100) feet of any stream, river, or tributary that is included within a Cold Water Stream Habitat, as may be authorized by the Commissioner pursuant to Section 2.2.10 of this general permit, a completed Fisheries Consultation Form or, for projects conducted by state agencies, documentation of official interagency coordination between the Fisheries Division and other state agency staff. An email is not considered official coordination.

#### 3.4.1.8 Stormwater discharge information

- a. Name and waterbody ID of receiving stream(s) or waterbody(ies) to which the construction activity discharges and indication of whether or not a receiving stream is listed as an impaired water with or without a TMDL, including identification of the impairment in the most recent State of Connecticut Integrated Water Quality Report or identification of the receiving stream as a high quality water in the Connecticut Water Quality Standards.
- b. Number, type (e.g., swale or pipe), material (e.g., concrete or metal pipe, grass swale), and size of all outfalls that convey stormwater runoff from the site.
- c. Unique identifier (001, 002) and location of all stormwater discharge(s) including latitude and longitude.
- d. If the discharge enters a private or publicly owned storm sewer system, provide the name of the owner of the system.
- e. Indication whether or not the site discharges within 500 feet of a tidal wetland (not a fresh tidal wetland).
- f. Type of structural and nonstructural treatment practice used at each outfall or upgradient from each outfall if one exists.

#### 3.4.1.9 The total effective impervious cover for the site before and after the proposed construction activity.

#### 3.4.1.10 Stormwater Pollution Control Plan

- a. An electronic copy of the Stormwater Pollution Control Plan. The electronic SPCP shall be in Adobe™ PDF format.  
  
Provide an internet address (URL) where the Pollution Control Plan is accessible for public review. The internet address shall remain available and accessible during the term of the permit.
- b. The SPCP should not include any pages or other material that do not pertain to stormwater management or erosion and sediment control (such as electrical and lighting plans, boundary or lot surveys, building plans, non-stormwater related detail sheets, etc.). Also, the full calculation sheets for peak flow analysis (e.g. HydroCAD), other than sheets providing a brief summary of peak flow and Water Quality Volume analyses, should not be included in the SPCP. The full calculation sheets shall be available upon request by the Commissioner. *The submission of these additional pages in the SPCP will delay the Departments review of the application.*
- c. SPCPs submitted for application must comply with all requirements listed in Section 5.2.1.2 of this general permit.

#### 3.4.1.11 Certifications

- a. The certification of the applicant and of the individual or individuals responsible for preparing the application, in accordance with Section 2.2.13 of the general permit.
- b. A design certification must be signed by a professional engineer or, where appropriate, a landscape architect in accordance with Section 2.2.14 of the general permit.
- c. For Locally Approvable projects a signed certification must be submitted by either:

- i. An authorized representative of the District in accordance with Section 2.2.15 of the general permit.
  - ii. A qualified soil erosion and sediment control professional and/or Qualified Professional engineer in accordance with either Section 2.2.16 of the general permit.
- d. The training certification(s) obtained by the Qualified Inspector.

### 3.4.2 Application for State or Federal Agency Design-Build Projects

#### 3.4.2.1 Application for Site Preparation Projects

For a state or federal agency submitting an application for Early Release Construction (ERC) work for the Site Preparation Phase of a design-build project, the Permittee shall include in their application all information included in Section 3.4.1, above, except the peak flow and Water Quality Volume analyses in Section 3.4.1.10.b. The Permittee shall also not be subject to the Post-Construction Performance Standards in Section 5.2.2.9.

#### 3.4.2.2 Application for Final Design Projects

For a state or federal agency submitting an application for the Final Design Phase of a design-build project, the Permittee shall include in their application all information included in Section 3.4.1, including identification of the Site Preparation Phase Permit number pursuant to Section 3.4.1.4.

### 3.5 Notice of Change

The Permittee shall submit a Notice of Change to the Commissioner electronically to the Department at: [DEEP.StormwaterConstruction@ct.gov](mailto:DEEP.StormwaterConstruction@ct.gov) if any of the following criteria are met:

- To correct inaccurate or misleading information previously submitted to DEEP.
- Change of contractor.
- Changes to name of the project or site.
- Changes to the disturbed area on the site that reduces the distance to impaired waters, high quality waters, cold water habitat, endangered or threatened species habitat, or aquifer protection areas from those in the original SPCP. For increases of the disturbed area, see Section 3.6.
- Changes to engineered or non-engineered construction or post-construction Control Measures that have the potential to increase the rate or volume of stormwater discharged.

The Notice of Change shall be submitted before any such increases or changes are implemented. Changes to the SPCP documented under this section as well as those not requiring notice under this section shall continue to follow the provisions of Section 5.2.5, Keeping Pollution Control Plans Current.

### 3.6 New Application Required

For sites that increase the amount of disturbed area by more than one (1) acre from the amount specified in the application approved by the Commissioner, a new application shall be submitted to the Commissioner in accordance with Section 3 of the general permit.

### 3.7 Change of Permittee

Permit coverage is **not transferable**. When there is a change to the site's Permittee, the new Permittee must submit a new application to the Commissioner in accordance with Section 3 of this general permit within thirty (30) days following the date of transfer and the previous Permittee must submit a Notice of Termination (NOT) in accordance with Section 4 of this general permit.

### 3.8 Additional Information

The Commissioner may require an applicant to submit additional information that the Commissioner reasonably deems necessary to evaluate the consistency of the subject activity with the requirements for authorization under this general permit. A response to the Commissioner's request for additional information shall be submitted to the Department within fifteen (15) days of the Commissioner's request.

### 3.9 Where to File an Application and Stormwater Construction Pollution Plan

An application (available at: [www.ct.gov/deep/stormwater](http://www.ct.gov/deep/stormwater)) shall be filed electronically with the Commissioner in accordance with Section 3.4 of the general permit. If a permittee is not capable of submitting electronically, contact the DEEP stormwater staff at [DEEP.StormwaterConstruction@ct.gov](mailto:DEEP.StormwaterConstruction@ct.gov).

### 3.10 Availability of Application and Stormwater Pollution Control Plan

#### 3.10.1 Application Availability

The application shall be made available for public review and comments by both the Permittee and the Commissioner.

##### 3.10.1.1 Availability by the Permittee

- a. No later than five (5) days after submitting an application to the Commissioner, the Permittee shall make their application available to the following parties:
  - i. For discharges authorized by this general permit to a privately or publicly owned separate storm sewer system, a copy of the application that was submitted to the Department shall also be submitted to the owner and operator of that system.
  - ii. For discharges authorized by this general permit to a CTDOT separate storm sewer system, a copy of the application and all attachments thereto shall also be submitted to the CTDOT.
  - iii. For discharges within a public drinking water supply watershed or aquifer protection area, a copy of the application and the SPCP described in Section 5.2 of this general permit shall be submitted to the water company.
  - iv. For discharges to river components and tributaries which have been designated as Wild and Scenic under the Wild and Scenic Rivers Act, a copy of the application and the SPCP described in 5.2 of this general permit shall be submitted to the applicable Wild and Scenic Coordinating Committee. Please refer to Appendix H for additional guidance.
- b. A completed application shall be provided to the following persons immediately upon request:
  - i. The municipal planning commission, zoning commission and/or inland wetlands agency, or its respective enforcement officer or designated agent.
- c. Following approval of the application by the Commissioner, the Permittee shall make a copy of the application available to the public pursuant to the Notice of Construction Activities requirements in Section 5.1.7.

##### 3.10.1.2 Availability by the Commissioner

The Commissioner shall post on the DEEP website a list of applications submitted. SPCPs shall be posted electronically, or a link to such plans provided, with the corresponding application. On or before thirty (30) days from the date such application is accessible to the public through posting by the Commissioner, members of the public may review and comment on an application and/or SPCP. This provision shall not apply to Permittee's submitting a Permit renewal for sites applied under any previous version of this general permit and for which no Notice of Termination has been submitted pursuant to the "Termination Requirements" in Section 4 of the general permit.

### **3.10.2 Stormwater Pollution Control Plan Availability**

The Stormwater Pollution Control Plan (“SPCP”) shall be made available for public review and comments by both the Permittee and the Commissioner.

#### **3.10.2.1 Availability by the Permittee**

The Stormwater Pollution Control Plan shall be provided to the following persons immediately upon request:

- a. The municipal planning commission, zoning commission and/or inland wetlands agency, or its respective enforcement officer or designated agent.
- b. If the stormwater discharges through a municipal separate storm sewer system, the municipal operator of the system.
- c. If the stormwater discharge is located within a public drinking water supply watershed or aquifer protection area, the water company or entity responsible for that water supply.
- d. Following approval of the application by the Commissioner, the Permittee shall make a copy of the SPCP available to the public for the duration of construction pursuant to the Notice of Construction Activities requirements of Section 5.1.7.

#### **3.10.2.2 Availability by the Commissioner**

- a. On or before thirty (30) days of receipt of an application and SPCP, the Commissioner shall post the SPCP on the DEEP website.
- b. On or before thirty (30) days from the date of posting of the list by the Commissioner, members of the public may submit written comments to the Commissioner. Comments shall be sent via email to [DEEP.StormwaterConstruction@ct.gov](mailto:DEEP.StormwaterConstruction@ct.gov) with the subject line “Construction GP Comments [INSERT NAME OF PERMITTEE].”

### **3.11 Actions by Commissioner**

#### **3.11.1 Approval with Permit Conditions**

The Commissioner may approve an application with reasonable permit conditions. If the Commissioner approves the application with conditions, the Permittee shall be bound by such conditions as if they are part of this general permit.

#### **3.11.2 Rejection or Denial**

The Commissioner may reject or deny without prejudice an application if it is determined that it does not satisfy the application requirements in Section 3 of this general permit, or if more than fifteen (15) days have elapsed since the Commissioner requested the Permittee submit additional information to determine eligibility for permit coverage for authorization to discharge under this general permit. Any application refiled after such a rejection shall be accompanied by the fee specified in Section 3.2.1 of this general permit.

#### **3.11.3 Require Individual Permit**

The Commissioner may require that a Permittee obtain an individual permit for any discharge authorized by this permit in accordance with Section 22a-430b(c) of the Conn. Gen. Statutes.

#### **3.11.4 Activity Inconsistent with Authorization Requirements**

The Commissioner may reject or deny an application if he or she finds that the subject activity is inconsistent with the “Requirements for Authorization” in Section 2.2 of this general permit, or for any other reason provided by law.

### **3.11.5 Notice to Applicant**

Denial or rejection of an application under this subsection shall constitute notice to the applicant that the subject activity may not lawfully be conducted or maintained without the issuance of an individual permit in accordance with Section 22a-430 of Regs. Conn. State Agencies.

### **3.11.6 Notice in Writing**

Rejection or denial of an application shall be provided to the applicant in writing and state the reasons for such rejection or disapproval.

## **Section 4 Termination Requirements**

### **4.1 Notice of Termination**

A Notice of Termination (NOT) must be submitted to the Commissioner on a prescribed form under the following conditions: at the completion of the construction project; or, for projects for which there is a Change of Permittee pursuant to Section 3.7, upon approval of a new permit authorized pursuant to Section 3.3.1.2; or for a state or federal agency with a Site Preparation Phase Permit authorized pursuant to Sections 3.3.2 and 3.4.2.1, upon approval of a Final Design Phase Permit authorized pursuant to Sections 3.3.2 and 3.4.2.2.

For Solar Array Projects, also refer to Appendix I for additional requirements.

### **4.2 Termination Requirements**

#### **4.2.1 Standard Termination**

A project shall be considered complete after all post-construction measures have been installed, cleaned, functioning, inspected, and the site has achieved final stabilization as defined in Section 10 for all phases of construction for at least one (1) year following the Final Stabilization Inspection. The termination process for a project for which the Permittee has completed construction and is obtaining a Notice of Termination shall include the following information:

4.2.1.1 A Notice of Termination form shall include the following:

- The permit number as provided to the Permittee on the Notice of Coverage.
- The name of the Permittee as reported on the general permit application form.
- The address of the completed construction site.
- A description of the post-construction activities at the site.
- A copy of the Termination Inspection.

4.2.1.2 The dates when:

- Construction was completed.
- All storm drainage structures were cleaned of construction debris pursuant to the “Other Controls” in Section 5.2.2.11 of this general permit.
- The Post-Construction Inspection was completed pursuant to Section 5.2.4.3.
- The Final Stabilization Inspection was completed pursuant to Section 5.2.4.4.
- The Termination Inspection was completed pursuant to Section 5.2.4.5.

4.2.1.3 Certifications and Signatures for the following:

- The Permittee.
- The person who conducted the Post-Construction Inspection pursuant to Section 5.2.4.3 of the general permit.
- The person who conducted the Final Stabilization Inspection pursuant to Section 5.2.4.4 of the general permit.
- The person who conducted the Termination Inspection pursuant to Section 5.2.4.5 of the general permit.

#### **4.2.2 Termination Upon Change of Permittee**

For termination of a permit for which there is a change of Permittee (pursuant to Section 3.7), the original Permittee shall submit their Notice of Termination on or before thirty (30) days following the approval of an application filed by the new Permittee pursuant to Section 3.3.1.2. The original Permittee shall include the following information in their Notice of Termination:

4.2.2.1 A Notice of Termination form shall include the following:

- The permit number as provided to the original Permittee on their Notice of Coverage.
- The name of the original Permittee as reported on their general permit application form.
- The address of the construction site.
- The permit number as provided to the new Permittee on their Notice of Coverage.
- The name of the new Permittee as reported on their general permit application form.

4.2.2.2 The dates when:

- The date of transfer of ownership or assignment of the project to the new Permittee.
- The date the new Permittee obtained authorization as provided on their Notice of Coverage.

4.2.2.3 Certifications and Signatures for the following:

- The original Permittee.
- The new Permittee.

#### **4.2.3 Termination of Site Preparation Phase for Design-Build Projects by a State or Federal Agency**

For termination of a Site Preparation Phase Permit authorized pursuant to Sections 3.3.2 and 3.4.2.1, the original Permittee shall include the following information in their Notice of Termination following the approval of an application for a Final Design:

4.2.3.1 A Notice of Termination form shall include the following:

- The permit number as provided to the Permittee on the Notice of Coverage for the Site Preparation Phase Permit.
- The address of the construction site.
- The permit number as provided to the Permittee on the Notice of Coverage for the Final Design Phase Permit.

4.2.3.2 The date when the Permittee obtained authorization as provided on their Notice of Coverage for the Final Design Phase Permit.

4.2.3.3 Certifications and Signatures for the Permittee.

#### **4.3 Where to File a Termination Form**

A termination form shall be filed electronically with the Commissioner at the following address:

[DEEP.StormwaterConstruction@ct.gov](mailto:DEEP.StormwaterConstruction@ct.gov) with the subject line “Construction GP Termination [INSERT NAME OF PERMITTEE].”

## **Section 5 Conditions of this General Permit**

The Permittee shall, at all times, continue to meet the requirements for authorization set forth in this general permit. In addition, the Permittee shall ensure that authorized activities are conducted in accordance with the conditions in this section and the federal Effluent Limitation Guidelines 40 CFR§450—Construction and Development Point Source Category.

In the absence of information demonstrating otherwise, DEEP expects that compliance with the conditions in this permit will result in stormwater discharges being controlled as necessary to meet applicable water quality standards. If at any time the Permittee becomes aware, or DEEP determines, that discharges are not being controlled as necessary to meet applicable water quality standards, the Permittee must take corrective actions and document those actions. If during coverage under a previous permit, the Permittee was required to install and maintain stormwater controls specifically to meet the assumptions and requirements of an EPA-approved or established TMDL (for any parameter) or to otherwise control discharges to meet water quality standards, the Permittee must continue to implement such controls as part of their coverage under this permit. Failure to implement necessary corrective actions is considered a violation of this permit.

### **5.1 General Conditions**

#### **5.1.1 Structures and Dredging in Coastal and Tidal Areas**

Any person or municipality who discharges stormwater into coastal tidal waters for which a permit is required under Section 22a-361 of the Conn. Gen. Stat. (structures and dredging) or Section 22a-32 of the Conn. Gen. Stat. (Tidal Wetlands Act), shall obtain such permit(s) from the Commissioner. A tidal wetland permit is required for any regulated activity conducted within a tidal wetland, including, but not limited to, the placement of any sediment upon a tidal wetland, whether it is deposited directly or indirectly.

#### **5.1.2 Discharges to Tidal Wetlands**

Any site which has a post-construction stormwater discharge to a tidal wetland (that is not a fresh-tidal wetland) where such discharge is within 500 feet of the tidal wetland, shall discharge such stormwater through a system designed to retain and infiltrate the Water Quality Volume (“WQV”), as defined in Section 10, on the site. If there are site constraints that would prevent retention of this volume on-site (e.g., brownfields, capped landfills, bedrock, elevated groundwater, etc.), documentation must be submitted, for the Commissioner’s review and written approval, explaining the site limitations and offering an alternative retention volume for consideration. In such cases, the portion of the WQV that cannot be retained must be provided with additional stormwater treatment to protect water quality. Any such treatment shall be designed, installed and maintained in accordance with the Stormwater Quality Manual.

For sites unable to comply with this section, the Commissioner, at the Commissioner’s sole discretion, may require the submission of an individual permit in lieu of authorization under this general permit.

#### **5.1.3 Quality of Discharge**

The discharge shall not contain visible floating scum, oil, trash, or other matter contained in the stormwater discharge.

#### **5.1.4 Toxicity to Aquatic and Marine Life/Risk to Human Health**

The discharge shall not result in pollution which may cause or contribute to acute or chronic toxicity to aquatic life, impair the biological integrity of aquatic or marine ecosystems, result in unacceptable bioaccumulation, risk to human health, or ecological communities.

#### **5.1.5 Water Quality Standards**

The stormwater discharge shall not cause or contribute to an exceedance of the applicable Water Quality Standards or Criteria in the receiving water.

### **5.1.6 Inspections and Certifications**

The following initial inspections and certifications shall apply to all projects:

#### **5.1.6.1 Pre-Construction Meeting**

Prior to commencement of any construction activity, the Permittee shall conduct a pre-construction meeting with the Qualified Professional who designed the project, the Qualified Inspector who will be conducting inspections, and all site contractors and subcontractors to be involved in construction activity. Such meeting shall convey the design, stormwater Control Measures, erosion and sediment controls, plan implementation and routine site inspections, and contract requirements for the project prior to earth disturbance. Such a meeting shall also include a site walk of the project site.

- a. For Solar Arrays subject to Appendix I and any other project that may be reviewed and/or inspected by a representative of the District, the pre-construction meeting and site walk shall also include the appropriate District personnel.
- b. For State of CT Agencies, the CTDOT District Engineer, District Environmental Coordinator, or the designated employee of another state agency shall conduct the pre-construction inspection

The Permittee shall develop and retain in the SPCP a pre-construction meeting report. The report shall, at a minimum, include the date, time, names and titles of attendees, company names, phone and email addresses for each attendee and their signature confirming the Permittee held a pre-construction meeting and that they understand the design, stormwater Control Measures erosion and sediment controls, plan implementation, routine site inspections and contract requirements for the project.

#### **5.1.6.2 Contractor Certifications**

The Permittee shall obtain signed certifications for all contractors and subcontractors that will perform construction activities on the site and that have the potential to cause pollution of the waters of the State. Such signed certifications shall be retained in the SPCP. Contractors and subcontractors shall certify the following:

“I certify under penalty of the law that I have read and understand the terms and conditions of the General Permit for the Discharge of Stormwater from Construction Activities and the site-specific Stormwater Pollution Control Plan (“SPCP”). I understand that as a contractor or subcontractor at the site, I must comply with the terms and conditions of this general permit and the SPCP.”

#### **5.1.6.3 Construction Inspections**

All construction site inspections shall be conducted in accordance with Section 5.2.4 of this general permit.

### **5.1.7 Post Notice of Construction Activities**

Upon commencement of construction activities, the Permittee shall post a sign of permit coverage at a safe, publicly accessible location in close proximity to the construction site. The sign must be at least two (2) feet by three (3) feet in dimension, weatherproof, and in English and Spanish, located so it is visible and legible from the public road nearest to the active part of the construction. The notice shall include:

- the name of the Permittee.
- the DEEP permit number.
- the site address.
- a contact name.

- contact email and phone number.
- the estimated start date and completion date.
- the Permittee-hosted website or email where the SPCP and application are available or can be obtained.
- the following statement: “If you observe indicators of stormwater pollutants in the discharge from this site or in the receiving water, please contact the CT DEEP through the link for Reporting Water Pollution at: [www.ct.gov/deep/stormwater](http://www.ct.gov/deep/stormwater)”.

For linear projects, such as roadways or utility rights-of-way, the Permittee shall post a sign at roadway crossings, public access points, and other areas where the public may reasonably view the notice.

The notice must be maintained on-site from the time construction activities begin until a Notice of Termination is approved.

## 5.2 Stormwater Pollution Control Plan

All Permittees shall develop and maintain on-site a Stormwater Pollution Control Plan (“SPCP”) for the discharge of stormwater for the construction activity authorized by this general permit. Once the construction activity begins, the Permittee shall perform all actions required by such SPCP and shall maintain compliance with the SPCP at all times. The Permittee shall ensure that the design and implementation of the SPCP minimizes: (1) soil erosion and sedimentation during and after construction; and (2) stormwater pollution from the site after construction is completed.

### 5.2.1 Development and Required Elements of the Plan

5.2.1.1 The SPCP shall consist of site plan drawings, selected Best Management Practices (“BMPs”), Control Measures and a narrative described in this section. The SPCP shall be prepared in accordance with sound engineering practices, and shall be consistent with the Guidelines, the Stormwater Quality Manual (available at <http://www.ct.gov/deep/stormwater>) and any applicable requirements of this general permit. The SPCP shall also be consistent with any remedial action plan, closure plan or other plan required by any other DEEP permit.

5.2.1.2 The SPCP shall, at a minimum, take into account and include the following items:

a. Account for the following factors in designing stormwater controls:

- The expected amount, frequency, intensity, and duration of precipitation.
- The nature of stormwater runoff (i.e., flow) and run-on at the site, including factors such as expected flow from impervious surfaces, slopes, and site drainage features.
- The proximity to wetlands, vernal pools, and surface waters.
- The Permittee must design stormwater controls to control stormwater volume, velocity, and peak flow rates to minimize discharges of pollutants in stormwater and to minimize channel and streambank erosion and scour in the immediate vicinity of discharge points.
- The soil type and range of soil particle sizes that are expected to be present on the site.

b. Project Description and Construction Sequencing

The SPCP shall provide a detailed description of the entire project, including the expected phasing or sequence of all construction activities on the site, names of corresponding erosion and sediment Control Measures for each phase of the project, and an estimated timeline for all construction activities. The timeline must be revised as necessary to keep the SPCP current. Wherever practicable, site construction activities shall be phased to avoid the disturbance of over five (5) acres at one time (or a lesser area of disturbance as required in Section 5.2.3 of the general permit regarding “Impaired Waters”). In addition, perimeter Control Measures and permanent

stormwater Control Measures, including, but not limited to, stormwater basins should be constructed in the early phases of the construction sequence prior to large-scale site disturbance. The SPCP shall clearly show the estimated limits of total disturbance for the construction activity and for each phase.

The SPCP shall provide a detailed description of how each phase of construction will be conducted, including, but not limited to:

- commencement of construction activities in each portion of the site, including clearing and grubbing, mass grading, demolition activities, site preparation (i.e., excavating, cutting and filling), final grading, and creation of soil and vegetation stockpiles requiring stabilization.
- temporary or permanent cessation of construction activities in each portion of the site.
- temporary or final stabilization of exposed areas for each portion of the site.
- removal of temporary stormwater controls and construction equipment or vehicles.
- the cessation of construction-related pollutant-generating activities.

c. Site Description, including, but not limited to:

- a narrative description of the nature of the construction activity.
- an estimate of the total area of the site and the total area of the site that is expected to be disturbed by construction activities.
- an estimate of the average runoff coefficient of the site after construction activities are completed.
- the name of the immediate receiving water(s) and the ultimate receiving water(s) of the discharges authorized by this general permit.
- extent of the wetland acreage on the site.

d. Site plan drawings indicating:

- drainage patterns and approximate slopes anticipated after major grading activities.
- areas of soil disturbance.
- the location of major structural and non-structural controls as specified in Subsection 5.2.2.
- the location of areas where stabilization practices are expected to occur.
- areas of existing vegetation.
- areas which will be vegetated following construction.
- the locations of test pits and infiltration tests for stormwater Control Measures.
- surface waters, impaired waters (identifying those with and without a TMDL), high quality waters, inland wetlands, tidal wetlands, fresh-tidal wetlands.
- discharge locations and serial numbers where stormwater will be discharged to surface water (both during and post-construction).
- other surface or subsurface conditions that may affect design considerations regarding potential environmental impact.

e. Pollutants of Concern

The SPCP shall include a list and description of all pollutant-generating activities on the site, include an inventory of pollutants or pollutant constituents (e.g., sediment, fertilizers, pesticides, paints, caulks, sealants, fluorescent light ballasts, contaminated substrates, solvents, fuels)

associated with that activity, which could be discharged in stormwater from the construction site. The Permittee shall address the need for proper containment and/or storage of such potential pollutants to minimize the potential for the discharge of such pollutants from the site. The Permittee must consider where potential spills and leaks could occur that contribute pollutants to stormwater discharges, and any known hazardous or toxic substances, such as PCBs and asbestos, that will be disturbed or removed during construction.

f. Control Measures

The SPCP shall include detailed descriptions of all the Control Measures that will be implemented at the site, both in a separate narrative and on the site plan drawings, to prevent and minimize the discharge of pollutants to the BAT. Control Measures shall be implemented in accordance with Section 5.2.2 of the general permit. In addition, the following information shall be provided in the narrative for each Control Measure:

- calculations supporting the design of sediment and floatables removal controls pursuant to Section 5.2.2.10.b of the general permit.
- calculations supporting the design of velocity dissipation controls pursuant to Section 5.2.2.10.c of the general permit.

g. Runoff Reduction and Low Impact Development (LID) Information

Where runoff reduction practices and/or LID measures are utilized, the following information shall be included in the site plan and narrative description:

- the location of the site's existing streams, floodplains, wetlands, riparian buffers, slopes 3:1 and steeper, and the vegetation identified for preservation and non-disturbance during construction such as forested areas, hay fields, and other old agricultural fields.
- natural drainage patterns, swales, and other drainage ways, that are not streams, floodplains, or wetlands.
- the location of all areas with soils suitable for infiltration and areas of the site best suited for infiltration for the siting of runoff reduction practices and LID design measures.
- the location of all areas unsuitable or least suitable for infiltration for the siting of areas of development/building.
- the location of all test pits and infiltration tests in accordance with the Stormwater Quality Manual.
- the location of all post-construction stormwater management measures, runoff reduction practices, and LID design measures developed pursuant to Subsection 5.2.2.10 of the general permit.
- identification of areas inappropriate for the infiltration of stormwater runoff from land uses with a significant potential for groundwater pollution (e.g. brownfields sites).
- a description of the nature, purpose, implementation, and long-term maintenance of the post-construction stormwater management measures, runoff reduction practices, and LID design measures. Identify who will be responsible for the management of the post-construction stormwater Control Measures and the timeline for such management.
- calculations, for Control Measures developed pursuant to Section 5.2.2.9 of the general permit, illustrating the retention of the Water Quality Volume or half the Water Quality Volume for the site, as applicable, including a discussion of the impact of any runoff reduction and/or LID practices on these calculations.
- a narrative description for all site constraints that may prevent retention of the required Water Quality Volume specified in Section 5.2.2.9 of the general permit including: site limitations;

a description of the runoff reduction practices implemented; a demonstration and explanation that the amount retained is the Best Available Technology; an alternative retention volume; and a description of the measures used to provide additional stormwater treatment for sediment, floatables, bacteria, nutrients and metals above the alternate volume up to the Water Quality Volume.

- calculations showing the proposed effective impervious cover for the site and, where required or proposed for linear projects pursuant to Section 5.2.2.9.b of the general permit, each outfall drainage area.

#### h. Site Inspections

All inspections shall comply with the requirements and conditions of Section 5.2.4 of the general permit.

##### i. Plan Implementation Inspections

The SPCP shall include the following information for all completed inspections:

- Plan Implementation Inspection Checklist.
- a schedule for conducting inspections.
- name, credentials, and responsibilities for each inspector.
- name, credentials, and responsibilities of the designing Qualified Professional (and District personnel, as appropriate) conducting such inspections, and required procedures pursuant to Section 5.2.4 of the general permit.
- inspection findings.
- corrective actions required.
- signature of the inspector.
- for additional inspection requirements for Solar Arrays Projects see Appendix I.

##### ii. Routine Inspections

The SPCP shall include the following information for all complete inspections:

- a routine inspection checklist.
- schedule for conducting inspections.
- identification and qualifications of the Qualified Inspector(s) conducting the routine inspections and their responsibilities and procedures pursuant to Subsection 5.2.4.2 of the general permit.
- inspection findings.
- corrective actions required.
- signature of the Qualified Inspector.
- For additional inspection requirements for Solar Arrays Projects see Appendix I.

##### i. Contractors

- i. The SPCP shall clearly identify each contractor and subcontractor that will perform construction activities on the site that have the potential to cause pollution of the waters of the State. The SPCP shall retain a signed and dated copy of each certification statement in accordance with Section 5.1.6.2 of the general permit.

##### ii. Subdivisions

Where individual lots in a subdivision or other common plan of development are conveyed or otherwise the responsibility of another person or municipality, the Permittee is responsible to ensure that those individual lot contractors comply with the provisions of this general permit and the Stormwater Pollution Control Plan, regardless of the lot size or disturbed area. In such cases, the Permittee shall provide a copy of the SPCP to each individual lot contractor, obtain their signed certification, and retain the documentation in the SPCP.

j. Impaired Waters

For construction activities that discharge to impaired waters, as specified in Section 2.2.9, the SPCP shall include a description of the provisions for controlling the preconstruction, active construction, and post-construction stormwater discharges to these waters pursuant to Section 5.2.3 below.

## 5.2.2 Stormwater Control Measures

Control Measures are required Best Management Practices (“BMPs”) that the Permittee must implement to prevent or minimize, as defined in this permit, the discharge of pollutants from the permitted activity. The Permittee shall comply with all of the BMPs in this section.

Control Measures shall be designed in accordance with the Guidelines, the Stormwater Quality Manual or the CTDOT Qualified Products List ([CTDOT QPL](#)). Use of Control Measures to comply with Section 5.2.2.1 of this general permit (“Erosion and Sediment Controls”), that are not included in such references must be approved by the Commissioner. The narrative and drawings of controls shall address the following minimum components:

### 5.2.2.1 Erosion and Sediment Controls

a. Soil Stabilization and Protection

The SPCP shall include a narrative description and drawings of interim and permanent soil stabilization practices for managing disturbed areas and soil stockpiles, including a schedule for implementing the practices. The Permittee shall ensure that existing vegetation is preserved to the BAT and disturbed portions of the site are minimized and stabilized throughout the duration of the construction activity at the site.

b. Erosion Control Barriers

In addition to requirements for erosion control barriers prescribed in the Guidelines, the Permittee shall ensure that two (2) rows of erosion control barriers are installed and maintained on sites with slopes equal to or greater than eight percent (8%) within the contributing drainage area to such barrier.

Notwithstanding the foregoing, use of two (2) rows of erosion control barriers shall not be required on the sites specified in this paragraph when:

- i. The Commissioner determines, for a limited section or portion of such erosion control barriers, that it is necessary to accommodate animal crossing or animal movement.
- ii. The Commissioner approves a SPCP that includes an erosion control system whose performance is equivalent to, or exceeds, two rows of erosion control barriers.
- iii. For linear projects, the Commissioner has determined that two rows of erosion control barriers, when compared to one row, will cause greater adverse impact to wetlands, waters, or other sensitive resources.

In such a situation the Commissioner may approve of a SPCP with one row of erosion control barriers or an alternative erosion control system. When implementing this paragraph, the Commissioner may consider the contributing disturbed area, drainage area, length of the slope,

flow conditions to maintain sheet flow, the efficacy of the proposed barrier, any adverse impacts and any other reasonable factor as determined by the Commissioner.

#### 5.2.2.2 Soil Stabilization Timeline

Where construction activities have permanently ceased or when final grades are reached in any portion of the site, stabilization and protection practices as specified in the Guidelines or as approved by the Commissioner shall be initiated immediately and completed within seven (7) days. Notwithstanding any provisions of the Guidelines, areas that will remain disturbed but inactive for at least fourteen (14) calendar days shall receive temporary seeding or soil protection within seven (7) days in accordance with the Guidelines unless site conditions warrant shorter time periods for these provisions.

Areas that will remain disturbed beyond the seeding season as identified in the Guidelines, shall receive long-term, non-vegetative stabilization and protection sufficient to protect the site through the winter and spring when vegetative stabilization can resume. In all cases, stabilization and protection measures shall be implemented as soon as possible in accordance with the Guidelines or as approved by the Commissioner. In drought-stricken areas, alternative stabilization measures must be employed, as necessary, in accordance with the Guidelines.

#### 5.2.2.3 Maintenance of Vegetation

To prevent erosion and soil compaction during construction activities, temporary or permanent vegetation or other ground cover shall be maintained at all times in all areas of the site, except those undergoing active disturbance. All new temporary and permanent vegetation shall consist of native plant species. With respect to such vegetation, the Permittee shall not use chemical fertilization, herbicides, or pesticides except as necessary to establish such vegetation in accordance with the manufacturer's label. The application of chemical pesticides and herbicides shall fully comply with all applicable laws and regulations. The Commissioner encourages the use of pollinator-friendly plant species and integrated pest management practices.

#### 5.2.2.4 Slope Benches

A reverse slope bench is required for any slope steeper than 3:1 (horizontal: vertical) that exceeds 15 feet vertically, except when engineered slope stabilization structures or measures are included or a detailed soil mechanics analysis has been conducted to verify stability. Engineered analyses and measures must be designed by a Qualified Professional engineer with experience in geotechnical engineering or soil mechanics. The qualifications, engineered analysis, and measures shall be included in the SPCP.

#### 5.2.2.5 Wetland Protection

The Commissioner encourages the use of a one hundred (100) foot buffer from any wetland or watercourse. Where site disturbance occurs within fifty (50) feet upgradient of a wetland or waters a double row of sediment barriers (e.g. hay bales, silt fence, wattles, etc.) shall be installed in accordance with the Guidelines between the disturbed area and any such downgradient wetland or waters.

#### 5.2.2.6 Structural Measures

The SPCP shall include a narrative description and drawings of structural measures to divert flows away from exposed soils, store flows or otherwise limit runoff and minimize the discharge of pollutants from the site. Unless otherwise specifically approved in writing by the Commissioner, or if otherwise authorized by another State of Connecticut or federal permit, structural measures shall be installed on upland soil.

For points of discharge from disturbed sites with a total contributing drainage area of between two (2) to five (5) acres, a temporary sediment trap or temporary sediment basin shall be designed and installed in accordance with the Guidelines. For points of discharge from disturbed sites with a total contributing

drainage area greater than five (5) acres, a temporary sediment basin shall be designed and installed in accordance with the Guidelines. Such trap(s) or basin(s) shall utilize outlet structures that withdraw water from the surface (surface outlet), if feasible, and must be maintained until final stabilization of the contributing area.

The requirement for sediment traps or basins shall not apply to flows from off-site areas and flows from areas of the site that are either undisturbed or have undergone final stabilization, provided such flows are diverted around the temporary sediment trap or basin and are approved in writing by the Commissioner.

#### 5.2.2.7 Maintenance

The SPCP shall include a narrative of the procedures to maintain, in good and effective operating condition, all erosion and sediment BMPs and Control Measures, including vegetation, and all other protective measures identified in the SPCP. Maintenance of all erosion and sediment controls shall be performed in accordance with the Guidelines, or more frequently as necessary.

#### 5.2.2.8 Dewatering

- a. Dewatering shall be managed in accordance with the Guidelines. Stormwater discharged to surface waters shall be discharged in a manner that minimizes the discoloration of the receiving waters. The SPCP shall include a narrative description and identify in the drawings the operational and structural measures that will be used to ensure that dewatering waters will not cause scouring or erosion or contain suspended solids in amounts that could reasonably be expected to cause pollution of surface waters of the State or cause or contribute to instream water quality violations. Unless otherwise specifically approved in writing by the Commissioner, or if otherwise authorized by another state or federal permit, dewatering measures shall be installed on upland soil. If turbidity or discoloration or other pollutants are observed in the discharge from dewatering Control Measures, additional or alternate Control Measures or other corrective actions must be implemented in accordance with Section 5.2.4.2.c.i and the Guidelines. The Permittee shall document any corrective actions taken in their SPCP.

No discharge of stormwater shall contain or cause a visible oil sheen, turbidity, floating solids, debris, trash, or foaming in the receiving water.

- b. Turbidity Monitoring

For construction activities with dewatering operations, the Permittee shall carry out initial and weekly monitoring for turbidity from each dewatering discharge point for the duration of dewatering operations. Samples shall be taken after the dewatering water has been treated by any treatment device or control measure. The Permittee shall measure turbidity in accordance with 40 CFR 136. The Permittee shall take the first turbidity measurement within 30 minutes of initiating the dewatering discharge. Following this initial monitoring, the Permittee shall conduct weekly monitoring during the Routine Inspection pursuant to Section 5.2.4.2. A record of the turbidity monitoring results shall be kept on-site with the SPCP and submitted to the Commissioner pursuant to Section 5.3.2.2.

- c. In the absence of information demonstrating otherwise, DEEP expects that compliance with the conditions in this permit will result in stormwater discharges being controlled as necessary to meet applicable water quality standards. If the Permittee is aware of, or becomes aware of, or has reasonable suspicion of contamination onsite from historical activities or the site may have contaminated groundwater, or if any pollutants are known or believed present in the proposed dewatering discharge water, the applicant or Permittee shall apply for coverage under the appropriate permit for authorization to discharge to surface water, ground water, or a POTW. That permit will only cover the treatment and discharge of the contaminated water and will remain active until the cessation of dewatering activities.

- d. For the purposes of this condition, a pollutant may be verified as “known present” if measured above the analytical detection limit using a sufficiently sensitive test method in an environmental sample, and “believed present” if a pollutant has not been measured in an environmental sample but will be added or generated prior to discharge, such as through a treatment process. Consequently, a pollutant may be verified as “known absent” if measured as non-detect relative to the analytical detection limit using a sufficiently sensitive test method in an environmental sample, and “believed absent” if a pollutant has not been measured in an environmental sample but will not be added or generated prior to discharge and is not a parameter that applies to the applicable activity category for a site. If any pollutants are known or believed present in the proposed dewatering discharge water, the applicant shall test one sample of the proposed dewatering discharge water for the pollutants known or believed to be present.

#### 5.2.2.9 Post-Construction Performance Standards

The SPCP shall include a narrative description and drawings of measures that will be installed during the construction process to minimize the discharge of pollutants in stormwater discharges that will occur after construction operations have been completed. Permittees are encouraged to consider the potential need for future resiliency measures to minimize impacts from stormwater discharges from major storm events such as hurricanes, storm surge, extreme/heavy precipitation, and flooding events. Post-construction stormwater management measures shall be designed and implemented in accordance with the Stormwater Quality Manual, the CTDOT Qualified Products List, or as approved by the Commissioner. Unless otherwise specifically provided by the Commissioner in writing, or authorized by another state or federal permit, structural measures shall be placed on upland soils. The SPCP shall include provisions to address the long-term maintenance of any postconstruction stormwater management measure installed.

The Permittee shall utilize runoff reduction practices as defined in Section 10 of this general permit to meet runoff volume requirements based on the conditions below.

##### a. Redevelopment

For sites that are currently developed with an effective impervious cover of forty percent or more and for which the Permittee is proposing redevelopment, the Permittee shall design the site in such a manner as to retain on-site half the water quality volume (as defined in Section 10 of the general permit) for the site and provide additional stormwater treatment without retention for discharges up to the full Water Quality Volume for sediment, floatables and nutrients to BAT. In cases where the Permittee is not able to retain half the Water Quality Volume (e.g., brownfields, capped landfills, bedrock, elevated groundwater, etc.), the Permittee shall design the redevelopment to retain a runoff volume to the BAT. In such cases, additional stormwater treatment up to the full Water Quality Volume is still required. Any such treatment shall be designed, installed and maintained in accordance with the Stormwater Quality Manual. If retention of half the Water Quality Volume is not achieved, the Permittee shall submit a report for the Commissioner’s review and written approval describing: the measures taken to maximize runoff reduction practices on the site; the reasons why those practices constitute the BAT; the alternative retention volume; and a description of the measures used to provide additional stormwater treatment above the alternate volume up to the Water Quality Volume.

For sites falling under this subsection, where redevelopment only impacts a portion of a previously developed site, the retention of half the Water Quality Volume shall be calculated based on the area of the site and stormwater management system that is disturbed as part of the redevelopment.

##### b. Linear Redevelopment

In the case of linear redevelopment projects (e.g. roadway reconstruction or widening or public utility rights of way) for the developed portion of the right of way: (1) for projects that may be unable to comply with the retention of the appropriate portion of the Water Quality Volume

specified in subparagraphs (a) and (c) of this subsection, the alternate retention and treatment provisions may also be applied as specified in such subparagraphs, or (2) for projects that will not increase the effective impervious cover within a given watershed, the Permittee shall implement the additional stormwater treatment measures referenced in Subsections (a) and (c) of this subsection, but will not be required to retain the appropriate portion of the Water Quality Volume specified in such paragraphs.

c. Other Development

The following performance standard applies to all sites that are currently undeveloped or are currently developed with less than forty percent effective impervious cover. For these sites, the Permittee shall design the site to retain the Water Quality Volume for the site. If there are site constraints that would prevent retention of this volume on-site (e.g., brownfields, capped landfills, bedrock, elevated groundwater, etc.), documentation must be submitted, for the Commissioner's review and written approval, which: explains the site limitations; provides a description of the runoff reduction practices implemented; provides an explanation of why this constitutes the BAT; offers an alternative retention volume; and provides a description of the measures used to provide additional stormwater treatment for sediment, floatables and nutrients above the alternate volume up to the Water Quality Volume. In the case of linear projects that do not involve impervious surfaces (e.g. electrical transmission rights-of-way or natural gas pipelines), retention of the Water Quality Volume is not required as long as the post-development runoff characteristics do not differ significantly from pre-development conditions.

For redevelopment sites falling under this subsection, where redevelopment only impacts a portion of a previously developed site, the retention of the Water Quality Volume shall be calculated based on the area of the site and stormwater management system that is disturbed as part of the redevelopment.

5.2.2.10 Post-Construction Control Measures

a. Runoff Reduction and Low Impact Development ("LID") Practices

The site design shall incorporate runoff reduction practices, low impact development ("LID") practices or other post-construction Control Measures to meet the performance standards in Section 5.2.2.9 above, promote groundwater recharge and minimize post-construction impacts to water quality.

b. Suspended Solids and Floatables Removal

The Permittee shall install post-construction stormwater Control Measures designed to minimize the discharge of suspended solids and floatables (e.g. oil and grease, other floatable liquids, floatable solids, trash, etc.) from stormwater. A goal of 80 percent removal of the annual sediment load from the stormwater discharge shall be used in designing and installing such stormwater Control Measures. The SPCP shall provide calculations supporting the capability of such measures in achieving this goal and any third-party verification, as applicable, of the sediment removal efficiencies of such measures. This goal is not intended to limit local approval authorities from requiring a higher standard pursuant to local requirements.

c. Velocity Dissipation

Velocity dissipation devices shall be placed at discharge locations and along the length of any outfall channel as necessary to provide a non-erosive velocity flow to receiving waters so that the natural physical and biological characteristics and functions of such waters are maintained and protected.

5.2.2.11 Other Controls

The following additional controls shall be implemented:

a. Waste Disposal

Best management practices shall be implemented to minimize the discharge of litter, debris, building materials, hardened concrete waste, or similar materials to waters of the State. The Permittee shall ensure that waste storage containers, including, but not limited to, dumpsters or tanks, be covered and leak proof to prevent stormwater from coming into contact with solid or liquid waste. A narrative of these practices shall be provided in the SPCP. In addition, the dumping of liquid wastes in storm sewers is prohibited.

b. Washout Areas

Washout of applicators, containers, vehicles and equipment for concrete, paint and other materials shall be conducted in a designated washout area. There shall be no surface discharge of washout wastewater from this area. Such a washout shall be conducted:

- outside of any buffers.
- as far away as possible, but at least fifty (50) feet, from any stream, wetland, storm drain inlet, or other sensitive resource.
- in an area directed into a leak-proof container or leak-proof and lined pit designed so no overflows can occur due to inadequate sizing or precipitation in accordance with 40 CFR 450.21(e).

The Permittee shall clearly flag off and designate areas to be used for washing and conduct such activities only in these areas. The Permittee shall direct all wash water into a container or pit designed such that no overflows can occur during rainfall or after snowmelt. At least once per week, the Permittee shall inspect all the containers or pits used for washout to ensure structural integrity, adequate holding capacity, and to check for leaks or overflows. If there are signs of leaks, holes or overflows in the containers or pits that could lead to discharge, the Permittee shall repair them prior to further use.

For concrete washout areas, the Permittee shall remove hardened concrete waste whenever the hardened concrete has accumulated to a height of  $\frac{1}{2}$  of the container or pit or as necessary to avoid overflows. The Permittee shall remove and dispose of such hardened concrete waste in accordance with the practices developed for "Waste Disposal" (see Section 5.2.2.11.a of this general permit).

A narrative of maintenance procedures and a record of maintenance and inspections shall be included in the SPCP.

c. Off-site Vehicle Tracking & Dust Suppression

- i. Off-site vehicle tracking of sediments and the generation of dust shall be minimized. A construction entrance shall be installed and maintained in accordance with the Guidelines, including appropriately configured measures for vehicle washdown.
- ii. Where sediment has been tracked-out from the site onto paved roads, sidewalks, or other paved areas outside of the site, the Permittee shall remove the deposited sediment by the end of the same business day in which the track-out occurs or by the end of the next business day if track-out occurs on a non-business day. The Permittee shall remove the track-out by sweeping, shoveling, or vacuuming these surfaces, or by using other similarly effective means of sediment removal. The Permittee is prohibited from hosing or sweeping tracked-out sediment into any constructed or natural site drainage feature, storm drain inlet or receiving water.
- iii. Wet dust suppression shall be used, in accordance with Section 22a-174-18(c) of the Regs. Conn. State Agencies, for any construction activity that causes airborne particulates. The volume of water sprayed for controlling dust shall be minimized to prevent the runoff of water. No discharge of dust control water shall contain or cause a visible oil sheen, floating

solids, visible discoloration, or foaming agents in any receiving waters. Additionally, water used in dust suppression shall not contain contaminants that could violate water quality standards.

d. Cleaning

All post-construction stormwater structures shall be cleaned of construction sediment and any remaining silt fence shall be removed upon stabilization of the site.

e. Storage of Chemicals, Petroleum Products, and Other Potential Pollutant Sources

All chemical and petroleum product containers stored on the site (excluding those contained within vehicles and equipment) shall be stored within an impermeable containment system that is free of gaps and cracks, can contain any leaks or spills and accumulated precipitation until the collected materials are detected and removed, and which can hold at least 110% of the volume of the largest container, or 10% of the total volume of all containers in the area, whichever is larger, without overflow from the containment system. In addition, all chemicals and petroleum products shall be stored under a roofed area except for those chemicals stored in containers of 100-gallon capacity or more, in which case a roof is not required. Double-walled tanks satisfy the requirements of this paragraph for containment and roofing.

Covered storage shall be provided for all non-liquid potential pollutant sources such as fertilizers, pesticides, caulks, sealants, fluorescent light ballasts, contaminated substrates, solvents, and other potential pollutant sources stored on-site. For liquid pollutants, including, but not limited to, paints and solvents, containment shall be considered adequate if it meets the requirements for chemical and petroleum storage in the previous paragraph.

f. Emergency Spill Response

Spills of oil, grease, or other harmful chemicals must immediately be cleaned by the removal of and containment of contaminated soil or emergency spill kit. An emergency spill kit, or alternative proprietary device, must be present and accessible on site for emergency removal of oil, grease, or chemical spills. For reportable spills per Regs. Conn. State Agencies 22a-430-3 subsection (p), the Permittee shall call the DEEP Emergency Response Unit at (860)424-3338.

g. Cold Water Stream Habitat

For construction activities within one hundred (100) feet of any stream, river, or tributary that is included within a Cold Water Stream Habitat, as may be authorized by the Commissioner pursuant to Section 2.2.10 of this general permit, any mitigation strategies authorized by the Commissioner must be verified post-construction by the designing qualified professional.

### 5.2.3 Additional Conditions for Impaired Waters

For construction activities that discharge directly to impaired waters for sediment or sediment-related impairments, as specified in “Discharges to Impaired Waters” in Section 2.2.9.2 of this general permit, the SPCP shall include the following provisions:

- Where an applicable TMDL sets specific load allocations or requirements for discharges authorized by this permit, discharges shall be consistent with any specific load allocations or requirements established by the applicable TMDL.
- Where an applicable TMDL has been established, but no specific requirements have been identified, compliance with this permit will be assumed to be consistent with the approved TMDL.
- The SPCP shall document that Control Measures are in place to ensure there will be no discharge to the waterbody that may impact or exceed the allocations.

### 5.2.4 Inspections

All construction activities authorized by this general permit shall be inspected initially for SPCP implementation as describe in Section 5.1.6, and then routinely pursuant to Section 5.2.4.2. Upon project completion and prior to submission of a Notice of Termination, post-construction, final stabilization, and Termination Inspections shall also be conducted. For Solar Array inspections, see additional requirements in Appendix I.

#### 5.2.4.1 Plan Implementation Inspections

Prior to commencement of each phase of the construction activity on the site, the Permittee shall contact the designing Qualified Professional and, for Locally Exempt projects including, but not limited to, Solar Arrays subject to Appendix I, the appropriate District, to ensure that all required inspections are conducted. For each phase of construction, the site shall be inspected at least once within the first thirty (30) days of construction activity and at least three times, with seven (7) or more days between inspections, within the first ninety (90) days of construction activity to confirm compliance with the general permit and proper initial implementation of all Control Measures designated in the SPCP for each phase of construction. The following conditions shall apply:

- a. For all projects not conducted by a state agency and which disturb more than one (1) acre, the inspector shall be someone who:
  - i. Is not an employee, as defined by the Internal Revenue Service in the Internal Revenue Code of 1986, of the applicant, and
  - ii. Has no ownership interest of any kind in the project for which the application is being submitted.
- b. For projects conducted by a state agency and which disturb more than one (1) acre, the inspector shall be someone who:
  - i. Meets the requirements in subparagraph (a), above, or
  - ii. Is included in the list of Qualified Professionals specified in Section 2.2.17.1 of the general permit.

#### 5.2.4.2 Routine Inspections

The Permittee shall routinely inspect the site for compliance with the general permit, including, but not limited to, compliance with the SPCP for the site, until a Notice of Termination under Section 4 of the general permit has been submitted to the Commissioner. Inspection procedures for these routine inspections shall comply with the following:

- a. The Permittee shall maintain a rain gauge on-site to document rainfall amounts. At least once a week and within 24 hours of the end of a storm that generates a discharge, a Qualified Inspector (provided by the Permittee), shall inspect, at a minimum, the following: disturbed areas of the construction activity that have not been finally stabilized; site discharge outfalls; dewatering discharges; all erosion and sediment Control Measures; all structural Control Measures; all soil stockpile areas; all washout areas, and locations where vehicles enter or exit the site. If at all possible, the inspection shall be conducted during an active rain event. For storms that end on a weekend, holiday or other time after which normal working hours will not commence within 24 hours, a routine inspection is required within 24 hours only for storms that equal or exceed 0.5 inches. For storms of less than 0.5 inches, an inspection shall occur immediately upon the start of the subsequent normal working hours.

In areas of the site where temporary stabilization has been implemented, a routine inspection shall be conducted at least weekly until final stabilization has been achieved. Once all post-construction stormwater measures have been installed in accordance with the Post-Construction Stormwater Management and cleaned of any construction sediment or debris, a Post-Construction Inspection shall be conducted. For sites that have achieved final stabilization pursuant to Section 5.2.4.4, routine inspections shall then be conducted at least monthly.

- b. During each routine inspection the Qualified Inspector(s) shall, among other things, evaluate the effectiveness of erosion and sediment controls, structural controls, stabilization practices, and any other controls implemented to prevent pollution and determine if it is necessary to install, maintain, or repair such controls and/or practices to improve the quality of stormwater discharge(s). In addition, during each routine inspection, the site, including but not limited to, all of the areas noted in the preceding paragraph, shall be inspected for evidence of, or the potential for, the discharge of pollutants (such as sediment, discoloration, floatables, sheen, etc.) to waters or entering the drainage system, and impacts to the receiving waters. Turbidity monitoring pursuant to Section 5.2.2.8.b may also be conducted during these inspections. Locations where vehicles enter or exit the site shall also be inspected for evidence of off-site sediment tracking.
- c. The Qualified Inspector conducting routine inspections shall prepare a report on each inspection. Each such report shall be retained in the SPCP. This report shall summarize: the scope of the inspection; name(s) and qualifications of personnel conducting the inspection; the date(s) of the inspection; weather conditions including precipitation information; major observations relating to erosion and sediment controls and the implementation of the SPCP; a description of the stormwater discharge(s) from the site, including any evidence of pollutant discharge; and any water quality monitoring performed during the inspection.

The report shall be signed by the Permittee or his/her authorized representative in accordance with the Certification of Documents this general permit. The report shall include a statement that, in the judgment of the Qualified Inspector(s) conducting the site inspection, the site is either in compliance or out of compliance with the terms and conditions of the SPCP and permit. If the site inspection indicates that the site is out of compliance, the Permittee shall implement corrective actions pursuant to subsection i, below.

- i. Corrective Actions

If the site inspection indicates that the site is out of compliance, the inspection report shall include a summary of the corrective actions required to bring the site back into compliance. Non-engineered corrective actions (as identified in the Guidelines) shall be implemented on site within 24 hours and incorporated into a revised SPCP within three (3) calendar days of the date of inspection unless another schedule is specified in the Guidelines. Engineered corrective actions (as identified in the Guidelines) shall be implemented on site within seven (7) calendar days and incorporated into a revised SPCP within ten (10) calendar days of the date of inspection, unless another schedule is specified in the Guidelines or is approved by the Commissioner. During the period in which any corrective actions are being developed and have not yet been fully implemented, interim measures shall be implemented to minimize the potential for the discharge of pollutants from the site. If the Permittee must repeatedly (i.e., three (3) or more times) make the same routine maintenance fixes to the same control at the same location, even if the fix can be completed within the time periods prescribed above, the designing Qualified Professional shall investigate and develop a revised control measure to remedy the failure. A record of all corrective actions shall be maintained in the SPCP.

- d. For solar projects under Appendix I, or other projects at the Commissioner's request, a copy of each inspection report shall be submitted electronically to the Department at: [DEEP.StormwaterConstruction@ct.gov](mailto:DEEP.StormwaterConstruction@ct.gov)
- e. Inspectors from DEEP and the appropriate District, where applicable, may inspect the site to verify compliance with this general permit at any time construction activities are ongoing, and upon completion of construction activities, until a Notice of Termination has been accepted by the Commissioner pursuant to Section 4 of the general permit.

#### 5.2.4.3 Post-Construction Inspection

- a. For Locally Approvable projects, once all post-construction stormwater measures have been installed in accordance with Section 5.2.2.10 of the general permit, Post-Construction Stormwater

Management, and cleaned of any construction sediment or debris, the Permittee shall ensure that the appropriate Conservation District or a Qualified Professional, as appropriate, inspects the site to confirm site stabilization and compliance with the post-construction stormwater management requirements. The Permittee shall ensure that the person inspecting the site pursuant to this paragraph is not an employee, as defined by the Internal Revenue Service in the Internal Revenue Code of 1986, of the Permittee and that such person has no ownership interest of any kind in the project for which the site's application was submitted. A report shall be prepared and certified in accordance with Sections 4.2.2, 5.1.6, and 5.2.1.2.h of the general permit to indicate compliance with this requirement on the Notice of Termination form.

- b. For Locally Exempt Projects except those conducted by state agencies, once all post-construction stormwater measures have been installed in accordance with the Section 5.2.2.10 of the general permit, "Post-Construction Control Measures" and cleaned of any construction sediment or debris, the Permittee shall ensure that a qualified soil erosion and sediment control professional or a Qualified Professional Engineer inspects the site to confirm site stabilization and compliance with the post-construction stormwater management requirements of the general permit. A report shall be prepared and certified in accordance with Sections 4.2.2, 5.1.6, and 5.2.1.2.h of the general permit to indicate compliance with this requirement on the Notice of Termination form.
- c. For projects conducted by state agencies, once all post-construction stormwater measures have been installed in accordance with the Post-Construction Stormwater Management in Subsection 5.2.2.10 and cleaned of any construction sediment or debris, the CTDOT District Engineer or his/her designee and/or CTDOT District Environmental Coordinator, or the designated employee of another state agency, will inspect the site to confirm site stabilization and compliance with the post-construction stormwater management requirements of the general permit.

#### 5.2.4.4 Final Stabilization Inspection

For all projects, once the site has achieved final stabilization, as defined in Section 10, the Permittee shall have the site inspected by a Qualified Professional Engineer (and, for Solar Array Projects subject to Appendix I, the appropriate District). This inspection shall confirm that all temporary erosion and sedimentation measures (silt fence, haybales, etc.) have been removed, all areas of the site are fully stabilized and vegetated, and that all post-construction stormwater management measures are implemented and functioning as designed. The inspection report shall include ground and/or aerial photographs to document final stabilization. All photographs must be clear and in focus, and in the original format and resolution; and include the date each photograph was taken, and a brief description of the area of the site captured by the photograph (e.g., photo shows full establishment of vegetation on northeast corner of site).

#### 5.2.4.5 Termination Inspection

For all projects, except Solar Array Projects conducted pursuant to Appendix I, once the site has maintained final stabilization for at least one (1) year following the Final Stabilization Inspection, the Permittee shall have the site inspected by a Qualified Inspector to confirm such stabilization has been maintained. The inspection report shall include ground or aerial photographs to document final stabilization. All photographs must be clear and in focus, and in the original format and resolution; and include the date each photograph was taken, and a brief description of the area of the site captured by the photograph (e.g., photo shows application of seed and erosion control mats to remaining exposed surfaces on northeast corner of site). The Permittee shall submit the Termination Inspection report with the Notice of Termination form.

- a. No Termination Inspection is required for permits terminated by a Change of Permittee pursuant to Section 3.7 or for Site Preparation Phases authorized under a state or federal agency design-build project.

### 5.2.5 Keeping Pollution Control Plan Current

The Permittee is responsible for keeping the SPCP in compliance with this general permit at all times. This may involve any or all of the following:

5.2.5.1 The Permittee shall amend the SPCP if the actions required by the SPCP fail to prevent pollution or unauthorized discharges to the waters of the State or fail to comply with any other provision of this general permit. The SPCP shall also be amended whenever there is an addition of or change in contractors or subcontractors at the site, the designing Qualified Professional, District personnel, or a change in design, construction, operation, or maintenance at the site which has not otherwise been addressed in the SPCP. The Permittee shall comply with Section 3.5 if submission of a Notice of Change is required pursuant to that section.

5.2.5.2 The Commissioner may notify the Permittee at any time that the SPCP or the site does not meet one or more requirements of this general permit. Within seven (7) days of such notice, or such other time as the Commissioner may allow, the Permittee shall make the required changes to the SPCP and perform all actions required by such revised SPCP. Within fifteen (15) days of such notice, or such other time as the Commissioner may allow, the Permittee shall submit to the Commissioner a written certification that the requested changes have been made and implemented and such other information as the Commissioner requires. Any such certification or information shall be submitted in accordance with the "Duty to Provide Information" and "Certification," Sections 8.9 and 8.21.4 of this general permit.

5.2.5.3 The Permittee shall ensure qualified persons maintain this SPCP at all times.

5.2.5.4 The Permittee shall retain as part of the SPCP all modifications, and any documentation associated with each modification, made under this section.

5.2.5.5 Failure to Prepare, Maintain or Update Plan

In no event shall failure to complete, maintain or update a SPCP, in accordance with the "Development and Required Elements of the Plan" in Subsections 5.2.1 and 5.2.5 of this general permit, excuse non-compliance or relieve a Permittee of responsibility to implement any actions required to protect the waters of the State or comply with the requirements of this permit.

5.2.5.6 Plan Signature

The SPCP shall be signed and certified as follows:

- a. The SPCP shall be signed by the Permittee in accordance with Section 8.21.4 of this general permit.
- b. The SPCP shall include certification by all contractors and subcontractors in accordance with Section 5.2.1.2.i of this general permit.
- c. The SPCP shall include a copy of the certification by a professional engineer or landscape architect made in accordance with Section 2.2.14 of this general permit.

5.2.5.7 Plan Review Certification

For a Locally Approvable project pursuant to Section 3.3.2 of this general permit, a copy of the SPCP Review Certification made in accordance with Section 2.2.15 or 2.2.16 of this general permit, as applicable, shall be maintained with the SPCP. (Note: Construction activities reviewed and certified pursuant to those Sections are still subject to the local erosion and sediment control and stormwater management regulations of the municipality in which the activity is conducted.)

## **5.3 Reporting and Record Keeping Requirements**

### **5.3.1 Record Keeping**

- 5.3.1.1 For a period of at least five (5) years from the date the Notice of Termination is accepted by the Commissioner, the Permittee shall retain copies of the SPCP and all reports required by this general permit, and records of all data used to complete the application for this general permit, unless the Commissioner specifies another time period in writing.
- 5.3.1.2 The Permittee shall retain an updated copy of the SPCP required by this general permit at the construction site from the date construction is initiated at the site until the date construction at the site is completed and the site is fully stabilized.
- 5.3.1.3 Inspection records must be retained as part of the SPCP for a period of five (5) years after the date of inspection. In addition, the following inspection reports shall be kept on-site with the SPCP and shall be submitted to the Commissioner upon request:
- a. Plan Implementation Inspections conducted in accordance with Section 5.1.6.3 and recorded on checklist forms prepared pursuant to Section 5.2.1.2.h.i.
  - b. Routine Inspections conducted in accordance with Section 5.2.4.2 and recorded on checklist forms prepared pursuant to Section 5.2.1.2.h.ii.
- 5.3.1.4 Plan Modification
- SPCP modifications made pursuant to Section 5.2.5.4 of this general permit and any documentation associated with such modification shall be kept on-site with the SPCP.

## **5.3.2 Reporting**

- 5.3.2.1 All reports requested by the Commissioner, except turbidity monitoring reports pursuant to Section 5.2.2.8.b, shall be provided to the Commissioner within the timeframe specified in any request by the Commissioner, and if no timeframe is specified, no later than thirty (30) days after the date of any such request. If requested by the Commissioner, the reports shall be submitted to the Commissioner by email to [DEEP.StormwaterConstruction@ct.gov](mailto:DEEP.StormwaterConstruction@ct.gov). Solar Array Projects subject to Appendix I shall also submit the reports prescribed in that Section of the permit by email.
- 5.3.2.2 Turbidity Monitoring Reports
- Records of turbidity monitoring conducted pursuant to Sections 5.2.2.8.b. shall be submitted to the Commissioner on the first day of each month following the initiation of the dewatering discharge for as long as the discharge exists. Turbidity Monitoring Reports shall be submitted by email to [DEEP.StormwaterConstruction@ct.gov](mailto:DEEP.StormwaterConstruction@ct.gov) with the subject line “Construction turbidity monitoring” on forms prescribed by the Commissioner.

## **Section 6 Duty to Correct, Record, and Report Violations**

### **6.1 Corrective Actions**

Immediately upon learning of a violation of a condition of this general permit, the permittee shall immediately take all reasonable actions to determine the cause of the violation, correct the violation, mitigate the impact of the violation, and prevent its recurrence.

### **6.2 Reporting Violations**

#### **6.2.1 Noncompliance with Permit Terms or Conditions**

In accordance with Section 22a-430-3(j)(8), 22a-430-3(j)(11)(D), 22a-430-3(k)(4), and 22a-430-3(i)(3) of the RSCA, the Permittee shall notify the Commissioner of the following actual or anticipated noncompliance with the terms or conditions of this permit within two hours of becoming aware of the circumstances. All other actual or anticipated violations of the permit shall be reported to the Commissioner within 24 hours of becoming aware of the circumstances:

- a noncompliance that is greater than two times an effluent limitation.
- a noncompliance of any minimum or maximum daily limitation or excursion beyond a minimum or maximum daily range.
- any condition that may endanger human health or the environment.
- a failure or malfunction of monitoring equipment used to comply with the monitoring requirements of this permit.
- any actual or potential bypass of the Permittee's collection system or treatment facilities.
- expansions or significant alterations of any wastewater collection, treatment components, or its method of operation for the purpose of correcting or avoiding a permit violation.

Notifications shall be submitted via the Commissioner's online Noncompliance Notification Form:

<https://portal.ct.gov/deep/water-regulating-and-discharges/stormwater/stormwater-management>

#### **6.2.2 Five-Day Follow Up Report**

Within five (5) days of any notification of noncompliance in accordance with this permit, the Permittee shall submit a follow-up report within five days of the noncompliance using the Commissioner's online Noncompliance Follow-up Report Form:

<https://portal.ct.gov/deep/water-regulating-and-discharges/stormwater/stormwater-management>

The follow-up report shall contain, at a minimum, the following information:

- a description of the noncompliance and its cause.
- the period of noncompliance, including exact dates and times.
- if the noncompliance has not been corrected, the anticipated time it is expected to continue.
- steps taken or planned to correct the noncompliance and reduce, eliminate and prevent recurrence of the noncompliance.

Notification of an actual or anticipated noncompliance or site modification does not stay any term or condition of this permit.

### 6.2.3 Additional Notification Requirements

In accordance with Section 22a-430-3(j)(11)(ED) of the RSCA, the Permittee shall notify the Commissioner within seventy-two (72) hours and in writing within 30 days when he or she knows or has reason to believe that the concentration in the discharge of any substance listed in the application, or any toxic substance as listed in Appendix B or D of RSCA Section 22a-430-4, has exceeded or will exceed the highest of the following levels:

- one hundred micrograms per liter.
- two hundred micrograms per liter for acrolein and acrylonitrile, five hundred micrograms per liter for 2,4-dinitrophenol and for 2-methyl-4, 6-dinitrophenol; and one milligram per liter for antimony.
- an alternative level specified by the Commissioner, provided such level shall not exceed the level which can be achieved by the permittee's treatment system.

The 72-hour initial notifications and thirty (30) day follow-up reports shall be submitted via the Commissioner's online Noncompliance Follow-up Report Form. The Forms are available on the DEEP website here:

<https://portal.ct.gov/deep/water-regulating-and-discharges/stormwater/stormwater-management>

## **Section 7 Regs. Conn. State Agencies Incorporated into this General Permit**

The Permittee shall comply with all laws applicable to the subject discharges, including but not limited to, the following Regs. Conn. State Agencies which are hereby incorporated into this general permit, as if fully set forth herein:

### **7.1 Section 22a-430-3**

- Subsection (b) General
- Subsection (c) Inspection and Entry
- Subsection (d) Effect of a Permit
- Subsection (e) Duty to Comply
- Subsection (f) Proper Operation and Maintenance
- Subsection (g) Sludge Disposal
- Subsection (h) Duty to Mitigate
- Subsection (i) Facility Modifications, Notification
- Subsection (j) Monitoring, Records and Report Requirements
- Subsection (k) Bypass
- Subsection (m) Effluent Limitation Violations
- Subsection (n) Enforcement
- Subsection (p) Spill Prevention and Control
- Subsection (q) Instrumentation, Alarms, Flow Recorders
- Subsection (r) Equalization

### **7.2 Section 221-430-4**

- Subsection (a) Duty to Apply
- Subsection (b) Duty to Reapply
- Subsection (c) Application Requirements
- Subsection (o) Permit or Application Transfer
- Subsection (p) Revocation, Denial, Modification
- Subsection (q) Variances
- Subsection (t) Prohibitions

## **Section 8 Standard Conditions**

The following standard conditions have been included in this general permit for the convenience of the permittee and are generally duplicative of the incorporated regulations in Section 6 of this general permit. If there are conflicting requirements, the regulations in Section 22a-430 take precedence.

### **8.1 Inspection and Entry**

The Commissioner or his or her authorized representative may take any actions authorized by Sections 22a-6 (5), 22a-425 or 22a-336 of the Conn. Gen. Stat. as amended.

### **8.2 Reliance on Application**

When evaluating an application, the Commissioner relies on information provided by the applicant. If such information proves to be false or incomplete, the authorization issued under this general permit may be suspended or revoked in accordance with law, and the Commissioner may take any other legal action provided by law.

### **8.3 Submission of Documents**

Any document, other than a DMR, required to be submitted to the Commissioner under this Section of the permit will, unless otherwise specified in writing by the Commissioner or through this general permit, be directed to [DEEP.StormwaterConstruction@ct.gov](mailto:DEEP.StormwaterConstruction@ct.gov) with the subject line: "ATTN: Construction Stormwater GP".

### **8.4 Violations**

Violations of any of the terms, conditions, or limitations contained in this permit may subject the permittee to enforcement action including, but not limited to, seeking penalties, injunctions and/or forfeitures pursuant to applicable Sections of the Conn. Gen. Stat. and Regs. Conn. State Agencies.

### **8.5 Enforcement**

The Commissioner may take any enforcement action provided by law, including but not limited to seeking injunctions, penalties and forfeitures as provided in Sections 22a-6, 22a-7, 22a-430, 22a-432, 22a-435, 22a-438 and 22a-471 of the Conn. Gen. Stat. as amended, for any violations or acts of noncompliance with chapter 446k of the Conn. Gen. Stat. or any regulation, order, permit or approval issued there under.

### **8.6 Need to Halt or Reduce Activity Not a Defense**

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.

### **8.7 No Assurance**

No provision of this permit and no action or inaction by the Commissioner shall be construed to constitute an assurance by the Commissioner that the actions taken by the permittee pursuant to this permit will result in compliance or prevent or abate pollution.

### **8.8 Relief**

Nothing in this permit shall relieve the permittee of other obligations under applicable federal, state, and local law.

### **8.9 Duty to Provide Information**

The Commissioner may require any permittee to provide within a reasonable time (30 days) any information which the Commissioner may request to determine whether cause exists for modifying or revoking the permit or to determine compliance with the permit, including but not limited to copies of records required to be kept by the permittee.

## **8.10 Duty to Comply**

The permittee shall comply with all terms and conditions of the permit. Any permit noncompliance constitutes a violation of Chapter 446k of the Conn. Gen. Stat. Permit noncompliance is grounds for enforcement action, permit revocation or modification, or denial of a permit renewal application.

The permittee shall comply with effluent limitations, standards or prohibitions established under Section 307 (a) CWA which are adopted in Subsection (l) of section 22a- 430-4 of the Regs. Conn. State Agencies for toxic substances upon adoption, even if the permit has not yet been modified to incorporate the requirement.

Except for any toxic effluent standards and prohibitions imposed under Section 307 CWA, compliance with a permit during its term shall constitute compliance, for purposes of enforcement, with Sections 301, 302, 306, 307, 318, 403 and 405 of the Clean Water Act.

The Commissioner may modify or revoke a permit during its term for cause as provided in Section 22a-430-4 of the Regs. Conn. State Agencies.

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.

## **8.11 Duty to Mitigate**

The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of the permit or any discharge which has a reasonable likelihood of adversely affecting human health or the environment.

## **8.12 Sludge Disposal**

The permittee shall dispose of screenings, sludges, chemicals, and oils and any solid or liquid wastes resulting from the wastewater treatment processes at locations approved by the Commissioner for disposal of such materials, or by means of a waste hauler licensed under the provisions of the Conn. Gen. Stat.

## **8.13 Resource Conservation**

All permittees shall implement and maintain practices and/or facilities which, to the maximum extent practicable, result in the minimum amount of wastewater discharged. Such results may be achieved by methods including but not limited to water conservation, resource recovery, waste recycling, wastewater reuse, and material or product substitution. Excessive use of water or the addition of water to dilute an effluent in order to meet any permit limitations or conditions is prohibited.

## **8.14 Spill Prevention and Control**

The permittee shall maintain practices, procedures and facilities designed to prevent, minimize and control spills, leaks, or such other unplanned releases of all toxic or hazardous substances and any other substances as the Commissioner deems necessary to prevent pollution of the waters of the State. Such requirements shall, unless otherwise allowed by the Commissioner, apply to all facilities used for storing, handling transferring, loading, or unloading such substances, including manufacturing areas.

The requirements of this Section do not apply to site components or systems already covered by plans prepared or approved under the Resource Conservation and Recovery Act and the Spill Prevention, Control and Countermeasure program.

## **8.15 Duty to Reapply**

The permit shall be effective for a fixed term not to exceed five (5) years unless administratively extended. The Department will provide permit renewal directions.

## **8.16 Equalization**

All treatment facilities shall be designed to prevent upsets, malfunctions or instances of noncompliance resulting from variations in wastewater strength or flow rate, and shall include, as the Commissioner deems necessary, equalization facilities separate from the treatment facilities.

## **8.17 Effect of an Upset**

An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation. In any enforcement proceeding the permittee seeking to establish the occurrence of an upset has the burden of proof.

A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:

- an upset occurred and that the permittee can identify the cause(s) of the upset.
- the permitted site was at the time being properly operated.
- the permittee submitted notice of the upset timely as required in Section 6.2 of this general permit.
- the permittee complied with all remedial measures.

## **8.18 Bypass**

The permittee shall not at any time bypass the collection system or treatment facilities or any part thereof unless such bypass is unanticipated, unavoidable, and necessary to prevent loss of life, personal injury or severe property damage, and there were no feasible alternatives to the bypass, including but not limited to the use of auxiliary or back-up treatment facilities, retention of untreated wastes, stopping the discharges, or maintenance during normal periods of equipment downtime; or the permittee receives prior written approval of the bypass from the Commissioner in order to perform essential maintenance, and the bypass does not cause effluent limitations to be exceeded.

### **8.18.1 Necessary Bypass**

In the event such a bypass is necessary, the permittee shall to the extent possible minimize or halt production and/or all discharges until the site is restored or an alternative method of treatment is provided.

### **8.18.2 Bypass Prevention**

In order to prevent a bypass, the permittee may schedule maintenance during periods when no discharge is occurring or employ any necessary means, including but not limited to duplicate units and systems or alternative collection and treatment or pretreatment schemes. Any such means shall insure that the effluent limitations specified in the permit are achieved; be approved by DEEP in writing prior to its use, which approval shall include an alternative schedule for monitoring if appropriate; and be discontinued upon completion of the performance of the essential maintenance.

### **8.18.3 Notification to DEEP**

8.18.3.1 The permittee shall provide notice to DEEP not less than twenty-four (24) hours prior to the use of any alternative scheme and monitor and record the quality and quantity of the discharge in accordance with permit terms and conditions or an approved alternative schedule. Such monitoring shall be submitted with the next monitoring report required by the permit and shall not be used to meet routine scheduled monitoring report requirements of the permit.

8.18.3.2 If any bypass occurs or may occur, the permittee shall, within two hours of becoming aware of such condition or need, notify DEEP's 24-hour Emergency Response Unit at 860-424-3338 or 866-337-7745 and submit within five days a written report including the cause of the problem, duration

including dates and times and corrective action taken or planned to prevent other such occurrences. Information about incident reporting can be found on DEEP's Emergency Response and Spill Prevention website <https://portal.ct.gov/deep/emergency-response-and-spill-prevention/emergency-response-and-spill-prevention>.

- 8.18.3.3 If the permittee has reason to believe that any effluent limitation specified in the permit may be violated, the permittee shall immediately take steps to prevent or correct such violation, including but not limited to employing an alternative scheme of collection or treatment, and/or control the production of the wastewater and shall monitor and record the quality and quantity of the discharge in accordance with the permit terms and conditions or an approved alternative schedule. Such monitoring shall be submitted with the next monitoring report required by the permit and shall not be used to meet the routine monitoring requirements of the permit.

## **8.19 Proper Operation and Maintenance**

The permittee shall at all times properly operate and maintain all facilities and systems and parts thereof for wastewater collection, storage, treatment, and control which are installed or used by the permittee to achieve compliance with the terms and conditions of the permit. Proper operation and maintenance includes, but is not limited to, effective performance, adequate funding, and adequate operator staffing and training, including the employment of certified operators as may be required by the Commissioner pursuant to Sections 22a-416-1 through 22a-416-10 of the Regs. Conn. State Agencies, as amended, and adequate laboratory and process controls, including appropriate quality assurance procedures.

In accordance with Sections 22a-416 through 22a-471 of the Conn. Gen. Stat. as amended, the permittee is required to install and operate a back-up or auxiliary facilities or similar systems or the inventory of spare parts and appurtenances.

## **8.20 Instrumentation, Alarms, and Flow Records**

Except for batch treatment systems unless required by the Commissioner, process wastewater treatment systems shall include instrumentation to automatically and continuously indicate, record and/or control those functions of the system and characteristics of the discharge which the Commissioner deems necessary to assure protection of the waters of the State.

## **8.21 Signatory Requirements**

### **8.21.1 Signatory**

All permit applications and permit modification requests submitted to the Commissioner shall be signed as follows:

- 8.21.1.1 For a corporation, the signatory shall be a responsible corporate officer.

For the purposes of this Section, a responsible corporate officer means a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function; any other person who performs similar policy or decision-making functions for the corporation; or the manager of one or more manufacturing, production, or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding twenty-five million dollars (in second quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

- 8.21.1.2 For a partnership or sole proprietorship, the signatory shall be a general partner or the proprietor, respectively.

- 8.21.1.3 For a municipality, State, Federal, or other public agency, the signatory shall be either a principal executive officer or a ranking elected official.

For purposes of this Section, a principal executive officer of a federal agency includes the chief executive officer of the agency, or a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency.

### **8.21.2 Duly Authorized Representative**

All reports required by permits, and other information submitted to the Commissioner shall be signed by a person described in Section 8.21.1 of this general permit or by a duly authorized representative of that person. A person is a duly authorized representative only if:

- 8.21.2.1 The authorization is made in writing by a person described in Section 8.21.1 of this general permit,
- 8.21.2.2 The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated site or activity, such as the position of plant manager, operator of a well or well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company. A duly authorized representative may thus be either a named individual or any individual occupying a named position; and
- 8.21.2.3 The written authorization is submitted to the Commissioner.

### **8.21.3 Notification to DEEP**

If an authorization under this subsection is no longer accurate because a different individual or position has assumed the applicable responsibility, a new authorization satisfying the requirements of this section must be submitted to the Commissioner prior to or together with any reports or other information to be signed by an authorized representative.

### **8.21.4 Certification**

Any person signing a document under this section shall make the following certifications:

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

“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 Conn. Gen. Stat., pursuant to Section 53a-157b of the Conn. Gen. Stat., and in accordance with any other applicable statute.”

## **8.22 Date of Filing**

For purposes of this general permit, the date of filing with the Commissioner of any document is the date such document is received by the Commissioner.

## **8.23 False Statements**

Any false statement in any information submitted pursuant to this general permit may be punishable as a criminal offense, in accordance with Section 22a-6 of the Conn. Gen. Stat., pursuant to Section 53a-157b of the Conn. Gen. Stat., and in accordance with any other applicable statute.

#### **8.24 Correction of Inaccuracies**

Within fifteen (15) days after the date a permittee becomes aware of a change in any of the information submitted pursuant to this general permit, becomes aware that any such information is inaccurate or misleading, or that any relevant information has been omitted, such permittee shall correct the inaccurate or misleading information or supply the omitted information in writing to the Commissioner. Such information shall be certified in accordance with Section 8.21.4 of this general permit. A Notice of Change shall be submitted for any changes made pursuant to Section 3.5 of this general permit.

#### **8.25 Transfer of Authorization**

Any authorization under this general permit shall not be transferable.

#### **8.26 Other Applicable Law**

Nothing in this general permit shall relieve the permittee of the obligation to comply with any other applicable federal, state, and local law, including but not limited to the obligation to obtain any other authorizations required by such law.

#### **8.27 Duty to Reapply**

The permit will be effective for a fixed term not to exceed five (5) years unless administratively extended. The general permit will provide instructions on how and when to reapply.

#### **8.28 Other Rights**

This general permit is subject to and does not derogate any present or future rights or powers of the State of Connecticut and conveys no rights in real or personal property nor any exclusive privileges and is subject to all public and private rights and to any federal, state, and local laws pertinent to the property or activity affected by such general permit. In conducting any activity authorized hereunder, the permittee may not cause pollution, impairment, or destruction of the air, water, or other natural resources of this state. The issuance of this general permit shall not create any presumption that this general permit should or will be renewed.

#### **8.29 Effect of a Permit**

The issuance of a permit does not convey any property rights of any sort, or any exclusive privilege, authorize any injury to persons or property or invasion of other private rights, authorize any infringement of the Conn. Gen. Stat., Regs. Conn. State Agencies or municipal ordinances, or affect the responsibility of the permittee to obtain all applicable federal, State and municipal authorizations or permits for the discharge and activities which generate the discharge.

## **Section 9 Commissioner's Powers**

### **9.1 Abatement of Violations**

The Commissioner may take any action provided by law to abate a violation of this general permit, including but not limited to penalties of up to \$25,000 per violation per day under Chapter 446k of the Conn. Gen. Stat., for such violation. The Commissioner may, by summary proceedings or otherwise and for any reason provided by law, including violation of this general permit, revoke a Permittee's authorization hereunder in accordance with Sections 22a-3a-2 through 22a-3a-6, inclusive, of the Regs. Conn. State Agencies. Nothing herein shall be construed to affect any remedy available to the Commissioner by law.

### **9.2 General Permit Revocation, Suspension, or Modification**

The Commissioner may, for any reason provided by law, by summary proceedings or otherwise, revoke or suspend this general permit or modify to establish any appropriate conditions, schedules of compliance, or other provisions which may be necessary to protect human health or the environment.

### **9.3 Filing of an Individual Permit Application**

If the Commissioner notifies a Permittee in writing that such Permittee must obtain an individual permit, the Permittee shall file an application for an individual permit within thirty (30) days of receiving the Commissioner's notice or such other time that the Commissioner specified in the notice to the Permittee. While such application is pending before the Commissioner, the Permittee shall continue to comply with the terms and conditions of this general permit. Nothing herein shall affect the Commissioner's power to revoke a Permittee's authorization under this general permit at any time.

## Section 10 Definitions

The definitions of terms used in this general permit shall be the same as the definitions contained in Section 22a-423 of the Conn. Gen. Stat. and Section 22a-430-3(a) of the Regs. Conn. State Agencies. All references to an Appendix in this general permit means the applicable Appendix of this general permit. As used in this general permit, the following definitions shall apply:

*“x-year, 24-hour rainfall event”* means the maximum 24-hour precipitation event with a probable recurrence interval of once in the given number of years (i.e. x=2, 25 or 100), as defined by the National Oceanic and Atmospheric Administration (NOAA) Atlas 14, Volume 10, Version 2, Point Precipitation Frequency Estimates (as amended), or equivalent regional or state rainfall probability information developed therefrom.

*“Annual sediment load”* means the total amount of sediment carried by stormwater runoff on an annualized basis.

*“Applicant”* means a person or municipality which files a complete application.

*“Application”* means an application filed with the Commissioner pursuant to this general permit.

*“Aquifer protection area”* means that term as defined in Section 22a-354 of the Conn. Gen. Stat.

*“Authorized Activity”* means any activity authorized by this general permit.

*“Best Management Practice”* or *“BMP”* means a schedule of activities, practice (and prohibitions of practices), structure, vegetation, maintenance procedure, and other management practices to prevent or reduce the discharge of pollutants to waters of the State consistent with state, federal or other equivalent and technically supported guidance. BMPs also include treatment requirements, operating procedures, and practices to control site runoff, spillage or leaks, sludge or waste disposal, or drainage from material storage.

*“CFR”* means the Code of Federal Regulations.

*“Clean Water”* means water which, in the judgment of the Commissioner, is of a quality substantially similar to that occurring naturally in the receiving stream under consideration. Clean water may include minor cooling waters, residential swimming pool water, and stormwater.

*“Coastal area”* means coastal area as defined in Section 22a-93(3) of the Conn. Gen. Stat.

*“Coastal waters”* means those waters of Long Island Sound and its harbors, embayments, tidal rivers, streams and creeks which contain a salinity concentration of at least five hundred parts per million under low flow conditions.

*“Commissioner”* means Commissioner as defined by Section 22a-2(a) of the Conn. Gen. Stat.

*“Control Measures”* means any BMPs, or other methods used to prevent or reduce the discharge of pollutants to waters of the State.

*“Construction Activity”* means any activity and discharges associated with construction at a site or the site’s preparation for construction, including, but not limited to, clearing, grubbing, pile driving, soil disturbance, soil compaction by construction equipment, staging and stockpiling, storage, cleaning and washout, grading, excavation, and dewatering.

*“Construction and Development Effluent Limitations and New Source Performance Standards”* (C&D Rule), as published in 40 CFR§450, means the regulation requiring effluent limitations guidelines (ELGs) and new source performance standards (NSPS) for controlling the discharge of pollutants from construction sites.

“*Day*” means the calendar day; if any date specified in the general permit falls on a Saturday, Sunday, or legal holiday, such deadline shall be the next business day thereafter.

“*DOT*” means the State of Connecticut Department of Transportation.

“*DOT MS4*” means conveyances for stormwater including, but not limited to, roads with drainage systems, streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains owned or operated by the Connecticut Department of Transportation and discharging directly to surface waters of the State.

“*Department*” or “*DEEP*” means the Department of Energy and Environmental Protection.

“*Design-Build Project*” is an alternative project delivery method in which a developer selects a design and build team to complete the design and construction of a project rather than separate contracts with the designer and contractor. With such a project, the design and construction phases can be overlapped, so that site preparation and investigation can proceed before a final design is developed.

“*Designing Qualified Professional*” means the Qualified Professional engineer or qualified soil erosion and sediment control professional, as defined below, who developed the original Stormwater Pollution Control Plan for which authorization was granted under this general permit.

“*Developer*” means a person, municipality, or state or federal agency that is responsible, either solely or partially through contract, for the design and construction of a project site.

“*Dewatering water*” means water associated with the construction activity generated from the lowering of the groundwater table, the pumping of accumulated uncontaminated stormwater or uncontaminated groundwater from an excavation, the pumping of surface water from a cofferdam, or pumping of other surface water that has been diverted into a construction site.

“*Discharge*” means the emission of any water, substance, or material into the waters of the State, whether or not such substance causes pollution as defined in Section 22a-423 of the Conn. Gen. Stat.

“*District*” means a Soil and Water Conservation District established pursuant to Section 22a-315 of the Conn. Gen. Stat. Appendices E and F list the Districts, their geographic delineations, and contact information.

“*Disturbance*” means the area on a site where soil will be exposed or susceptible to erosion during any construction activity.

“*Drought-Stricken Area*”, for the purposes of this permit, means an area in which the National Oceanic and Atmospheric Administration’s U.S. Seasonal Drought Outlook indicates for the period during which the construction will occur that any of the following conditions are likely: (1) “Drought to persist or intensify”, (2) “Drought ongoing, some improvement”, (3) “Drought likely to improve, impacts ease”, or (4) “Drought development likely”. See [http://www.cpc.ncep.noaa.gov/products/expert\\_assessment/sdo\\_summary.php](http://www.cpc.ncep.noaa.gov/products/expert_assessment/sdo_summary.php).

“*Early Release Construction*” or “*ERC*” means the preliminary construction activity for a design-build project conducted in order to investigate site conditions and obtain the information necessary to develop the final design for the project.

“*Effective Impervious Cover*” is the area of impervious cover that is hydraulically connected to a water or wetland by means of continuous paved surfaces, gutters, swales, ditches, drain pipes, or other conventional conveyance and detention structures that do not reduce runoff volume.

“*Engineered stormwater management system*” means any control measure and related appurtenances which requires engineering analysis and/or design by a professional engineer.

“*Erosion*” means the detachment and movement of soil or rock fragments by water, wind, ice and gravity.

“*Final Design Phase*” means the final design phase of a design-build project. This phase of the design-build project follows the Site Preparation Phase.

“*Final stabilization*” means that no disturbed areas remain exposed and there are no signs of erosion or sedimentation on site; the vegetation must be at least 6 inches tall with a minimum of one hundred (100) plants per square foot across all seeded areas, or a permanent non-vegetative ground cover has been fully established over the entire site.

“*Fresh-tidal wetland*” means a tidal wetland located outside of coastal waters.

“*General Permit*” or “*this permit*” means the *General Permit for the Discharge of Stormwater from Construction Activities* issued by the Commissioner.

“*Groundwater*” means those waters of the State that naturally exist or flow below the surface of the ground.

“*Guidelines*” means the Connecticut Guidelines for Soil Erosion and Sediment Control, as amended, established pursuant to Section 22a-328 of the Conn. Gen. Stat.

“*High Quality Waters*” means those waters defined as high quality waters in Regs. Conn. State Agencies Section 22a-426-1, as may be amended.

“*Impaired water(s)*” for the purposes of this permit, means any waterbody that does not meet applicable water quality standards, including but not limited to waters listed in categories 5 or 4b on the Connecticut Integrated Report of waters listed pursuant to Clean Water Act Section 303(d) and 305(b). Impaired Waters are also known as “*Water Quality Limited Waters.*”

“*Impervious Cover*” means hard surfaces which prevent or impede the infiltration of water. Such surfaces include, but are not limited to, roof areas, compacted gravel, paved walkways, paved parking areas, paved driveways, and other paved surfaces.

“*In Responsible charge*” means professional experience for which the Commissioner determines that a professional’s primary duties consistently involve a high level of responsibility and decision making in the planning and designing of engineered stormwater management systems or in the planning and designing of soil erosion and sediment controls for residential and commercial construction projects. The Commissioner shall consider the following in determining whether a professional’s experience qualifies as responsible charge experience:

- (i) The level of independent decision-making exercised.
- (ii) The number of individuals and the disciplines of the other professionals that the professional supervised or coordinated.
- (iii) The extent to which a professional’s responsibilities consistently involved the review of work performed by other professionals involved the planning and designing of engineered stormwater management systems or the planning and designing of soil erosion and sediment controls for residential and commercial construction projects.
- (iv) The extent to which a professional’s responsibilities consistently involved the planning and designing of engineered stormwater management systems or the planning and designing of soil erosion and sediment controls for residential and commercial construction projects and whether such responsibilities were an integral and substantial component of the professional’s position.

(v) The nature of a professional's employer's primary business interests and the relation of those interests to planning and designing of engineered stormwater management systems or to planning and designing of soil erosion and sediment controls for residential and commercial construction projects.

(vi) The extent to which a professional has engaged in the evaluation and selection of scientific or technical methodologies for planning and designing of engineered stormwater management systems or for planning and designing of soil erosion and sediment controls for residential and commercial construction projects.

(vii) The extent to which a professional drew technical conclusions, made recommendations, and issued opinions based on the results of planning and designing of engineered stormwater management systems or of planning and designing of soil erosion and sediment controls for residential and commercial construction projects.

(viii) Any other factor that the Commissioner deems relevant.

*"Individual permit"* means a permit issued to a named person under Section 22a-430 of the Conn. Gen. Stat.

*"Infeasible"* means not technologically possible, or not economically practicable and achievable in light of best industry practices.

*"Inland wetland"* means wetlands as defined in Section 22a-38 of the Conn. Gen. Stat.

*"Landscape Architect"* means a person with a currently effective license issued in accordance with chapter 396 of the Conn. Gen. Stat.

*"Linear Project"* includes the construction of roads, railways, bridges, bikeways, conduits, substructures, pipelines, sewer lines, towers, poles, cables, wires, connectors, switching, regulating and transforming equipment and associated ancillary facilities in a long, narrow area.

*"Locally Approvable Project"* or *"Locally Approvable"* means a construction activity that is not carried out by or on behalf of a municipal, state or federal entity and is required to obtain municipal approval for the project.

*"Locally Exempt Project"* or *"Locally Exempt"* means a construction activity which is either; (i) carried out by or on behalf of a municipal, state, or federal entity; or (ii) is not subject to local (municipal) approval.

*"Low Impact Development"* or *"LID"* means a site design and stormwater management strategy that maintains, mimics or replicates pre-development hydrology through the use of numerous site design principles and small-scale structural stormwater practices distributed throughout a site to manage runoff volume and water quality at the source.

*"Minimize"* means to reduce and/or eliminate to the extent achievable using stormwater controls that are technologically available and economically practicable and achievable in light of best industry practices.

*"Municipal separate storm sewer system"* or *"MS4"* means conveyances for stormwater (including roads with drainage systems, streets, catch basins, curbs, gutters, ditches, man-made channels or storm drains) owned or operated by any municipality, DOT, or by any other state or federal institution.

*"Municipality"* means any metropolitan district, town, consolidated town and city, consolidated town and borough, city, borough, village, fire and sewer district, sewer district and each municipal organization having authority to levy and collect taxes or make charges for its authorized function as defined by Section 22a-423 of the Conn. Gen. Stat.

*"New discharger"* means any building, structure, facility, or installation:

(a) From which there is or may be a "discharge of pollutants."

- (b) That did not commence the “discharge of pollutants” at a particular “site” prior to August 13, 1979.
- (c) Which is not a “new source.”
- (d) Which has never received a finally effective NPDES permit for discharges at that “site.”

“*New or Increased Discharge*” means new discharge or activity as defined in Section 22a-426-8(b)(3) and increased discharge or activity as defined in Section 22a-426-8(b)(2), as referenced to the Regs. Conn. State Agencies.

“*New source*” means any building, structure, facility, or installation from which there is or may be a “discharge of pollutants,” the construction of which commenced after February 1, 2010.

“*Normal Working Hours*” are considered to be, at a minimum, Monday through Friday, between the hours of 8:00 am and 6:00 pm, unless additional working hours are specified by the Permittee.

“*Notice of Termination*” (NOT) means the form (electronic or paper) required for terminating coverage under the Construction General Permit.

“*NPDES Permit*” means a permit authorizing a discharge to the surface waters of the State either directly, or indirectly by means other than through a POTW or the ground waters, which is issued by the Commissioner pursuant to Section 22a-430 of the Conn. Gen. Stat.

“*Permittee*” means any person who or municipality which initiates, creates or maintains a discharge in accordance with this general permit.

“*Person*” means person as defined in Section 22a-2(b) of the Conn. Gen. Stat.

“*Phase*” means a portion of a project possessing a distinct and complete set of activities that have a specific functional goal wherein the work to be completed in the phase is not dependent upon the execution of work in a later phase in order to make it functional.

“*Point Source*” means any discernible, confined and discrete stormwater conveyance (including but not limited to, any pipe, ditch, channel, tunnel, conduit, discrete fissure, container, rolling stock, concentrated animal feeding operation, landfill leachate collection system, vessel or other floating craft) from which pollutants are or may be discharged. Point source does not include agricultural stormwater discharges and return flows from irrigated agriculture.

“*Professional Engineer*” or “*P.E.*” means a person with a currently effective license issued in accordance with chapter 391 of the Conn. Gen. Stat.

“*Qualified Inspector*” means an individual possessing either (1) a professional license or certification issued by EPA (<https://www.epa.gov/npdes/construction-general-permit-inspector-training>) or a professional organization recognized or approved by the Commissioner related to civil engineering, landscape architecture, soil science, and two years of demonstrable and focused experience in erosion and sediment control plan review, installation, inspection and/or report writing for residential and commercial construction projects in accordance with the Guidelines; or (2) certification by the CTDOT.

“*Qualified Professional engineer*” means a professional engineer who has, for a minimum of eight years, engaged in the planning and designing of engineered stormwater management systems for residential and commercial construction projects in accordance with the Guidelines and the Stormwater Quality Manual including, but not limited to, a minimum of four years in responsible charge of the planning and designing of engineered stormwater management systems for such projects. Such Qualified Professional engineer shall remain in good standing with the Connecticut Department of Consumer Protection and the Commissioner.

*“Qualified soil erosion and sediment control professional”* means a landscape architect or a professional engineer who: (1) has for a minimum of eight years engaged in the planning and designing of soil erosion and sediment controls for residential and commercial construction projects in accordance with the Guidelines including, but not limited to, a minimum of four years in responsible charge of the planning and designing of soil erosion and sediment controls for such projects; or (2) is currently certified as a professional in erosion and sediment control as designated by EnviroCert International, Incorporated (or other certifying organization acceptable to the Commissioner) and has, for a minimum of six years, engaged in the planning and designing of soil erosion and sediment controls for residential and commercial construction projects in accordance with the Guidelines including, but not limited to, a minimum of four years in responsible charge in the planning and designing of soil erosion and sediment controls for such projects. Such qualified soil erosion and sediment control professional shall remain in good standing with the Connecticut Department of Consumer Protection and the Commissioner.

*“Regs. Conn. State Agencies”* means the Regulations of Connecticut State Agencies.

*“Regulated Municipal Separate Storm Sewer System”* or *“Regulated MS4”* means any MS4 (as defined above) authorized by the most recently issued General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems, as well as the separate storm sewer system of the CTDOT and the City of Stamford.

*“Retain”* means to hold runoff on-site to promote vegetative uptake and groundwater recharge through the use of runoff reduction or LID practices or other measures. In addition, it means there shall be no subsequent point source release to surface waters from a storm event defined in this general permit or as approved by the Commissioner.

*“Runoff reduction practices”* means those post-construction stormwater management practices used to reduce post-development runoff volume delivered to the receiving water, as defined by retaining the volume of runoff from a storm up to the Water Quality Volume, as defined in the Stormwater Quality Manual, as amended. Runoff reduction is quantified as the total annual post-development runoff volume reduced through canopy interception, soil amendments, evaporation, rainfall harvesting, engineered infiltration, extended filtration or evapo-transpiration.

*“Sediment”* means solid material, either mineral or organic, that is in suspension, is transported, or has been moved from its site of origin by erosion.

*“Site”* means geographically contiguous land on which a construction activity takes place or on which a construction activity for which authorization is sought under this general permit is proposed to take place. Non-contiguous land or water owned by the same person shall be deemed the same site if such land is part of a linear project or is otherwise connected by a right-of-way, which such person controls.

*“Site Preparation Phase”* means the initial Early Release Construction activity of a design-build project. This phase of a design-build project is followed by the Final Design Phase.

*“Small Construction”* or *“Small Construction Activity”* defined at 40 CFR §122.26(b)(15) and incorporated here by reference, means a small construction activity, including clearing, grading, and excavating, resulting in a land disturbance equal to or greater than one (1) acre and less than five (5) acres of land or which will disturb less than one (1) acre of total land area but is part of a larger common plan of development or sale that will ultimately disturb equal to or greater than one (1) acre but less than five (5) acres. Small construction activity does not include routine maintenance that is performed to maintain the original line and grade, hydraulic capacity, or original purpose of the site.

*“Soil”* means any unconsolidated mineral and organic material of any origin.

*“Soil Scientist”* shall be as defined in Conn. Gen. Stat. § 22a-38.

“*Solar Array*” or “*Soil Array Project*” means an on-the-ground installation of arrays of photovoltaic cell panels, supporting structures and related equipment for the production of electricity.

“*Stabilize*” means the use of measures as outlined in the Connecticut Guidelines for Soil Erosion and Sediment Control, as amended, or as approved by the Commissioner, to prevent the visible movement of soil particles and development of rills. A site or area of a site is stabilized when there is no evidence of erosion or sedimentation and temporary or permanent vegetative and/or non-vegetative measures have been applied to all disturbed areas.

“*Standard of care*”, as used in Section 2.2, means to endeavor to perform in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances.

“*Stormwater*” means waters consisting of rainfall runoff, including snow or ice melt during a rain event.

“*Stormwater Pollution Control Plan*” or “*SPCP*”, means a site-specific, written document that, at a minimum: (1) identifies potential sources of stormwater pollution at the construction site; (2) describes stormwater controls to reduce or eliminate pollutants in stormwater discharges from the construction site; and (3) identifies procedures to be implemented to comply with the terms and conditions of this general permit.

“*Storm Sewer System*” means a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, manmade channels, or storm drains) designed or used for collecting or conveying stormwater.

“*Stormwater Quality Manual*” means the Connecticut Stormwater Quality Manual published by the Connecticut Department of Energy & Environmental Protection, as amended, and maintained at <http://www.ct.gov/deep/stormwaterqualitymanual>.

“*Surface water*” means those waters of the State which are not ground water and the waters of Long Island Sound, its harbors, embankments, tidal wetlands, and creeks; rivers and streams, brooks, waterways, lakes, ponds, marshes, swamps, bogs, federal jurisdictional wetlands, and other natural or artificial, public or private, vernal or intermittent bodies of water. Surface water does not include ground water.

“*Structural measure*” means a measure constructed for the temporary storage and/or treatment of stormwater runoff.

“*Tidal wetland*” means a wetland as that term is defined in Section 22a-29(2) of the Conn. Gen. Stat.

“*Total disturbance*” means the total area of disturbance on a site during all phases of construction activity.

“*Total Maximum Daily Load*” or “*TMDL*” means a calculation of the maximum amount of a pollutant that a waterbody can receive and still meet water quality standards, and an allocation of that amount to the pollutant's sources. A TMDL includes wasteload allocations (“*WLAs*”) for point source discharges, load allocations (“*LAs*”) for nonpoint sources and/or natural background, and must include a margin of safety (“*MOS*”) and account for seasonal variations.

“*Upland soils*” means soils which are not designated as poorly drained, very poorly drained, alluvial, or flood plain by the National Cooperative Soils Survey, as may be amended, of the Natural Resources Conservation Service of the United States Department of Agriculture and/or the inland wetlands agency of the municipality in which the project will take place.

“*Water company*” means water company as defined in Section 25-32a of the Conn. Gen. Stat.

“*Waters*” shall be as defined in § 22a-423, Conn. Gen. Stat., and for clarification shall include vernal pools and intermittent waters.

“*Water Quality Standards*” means those water quality standards or classifications contained in Sections 22a-426-1 through 22a-426-9, inclusive, of the Regs. Conn. State Agencies and the Classification Maps adopted pursuant to Section 22a-426 of the Conn. Gen. Stat., which together constitute the Connecticut Water Quality Standards, as may be amended.

“*Water Quality Volume*” or “*WQV*” means the volume of runoff generated on a site by the Water Quality Storm as defined in the Connecticut Stormwater Quality Manual, as amended.

“*Watercourse*” means a watercourse as that term is defined in Section 22a-38 of the Conn. Gen. Stat.

“*Wetland*” shall mean and include both “*wetland*” as defined in § 22a-29, Conn. Gen. Stat., and “*wetlands*” as defined in § 22a-38, Conn. Gen. Stat.

## **Section 11 Appendices**

The following appendices are incorporated into this general permit.

### **11.1 Appendix A – Endangered and Threatened Species**

### **11.2 Appendix B – RESERVED**

### **11.3 Appendix C – Aquifer Protection Guidance Information**

### **11.4 Appendix D – Coastal Management Act Determination Form**

### **11.5 Appendix E & F – Memoranda of Agreement Between DEEP and Conservation Districts**

### **11.6 Appendix G – Historic Preservation Review**

### **11.7 Appendix H – Wild & Scenic Rivers Guidance**

### **11.8 Appendix I – Stormwater Management at Solar Array Construction Projects**

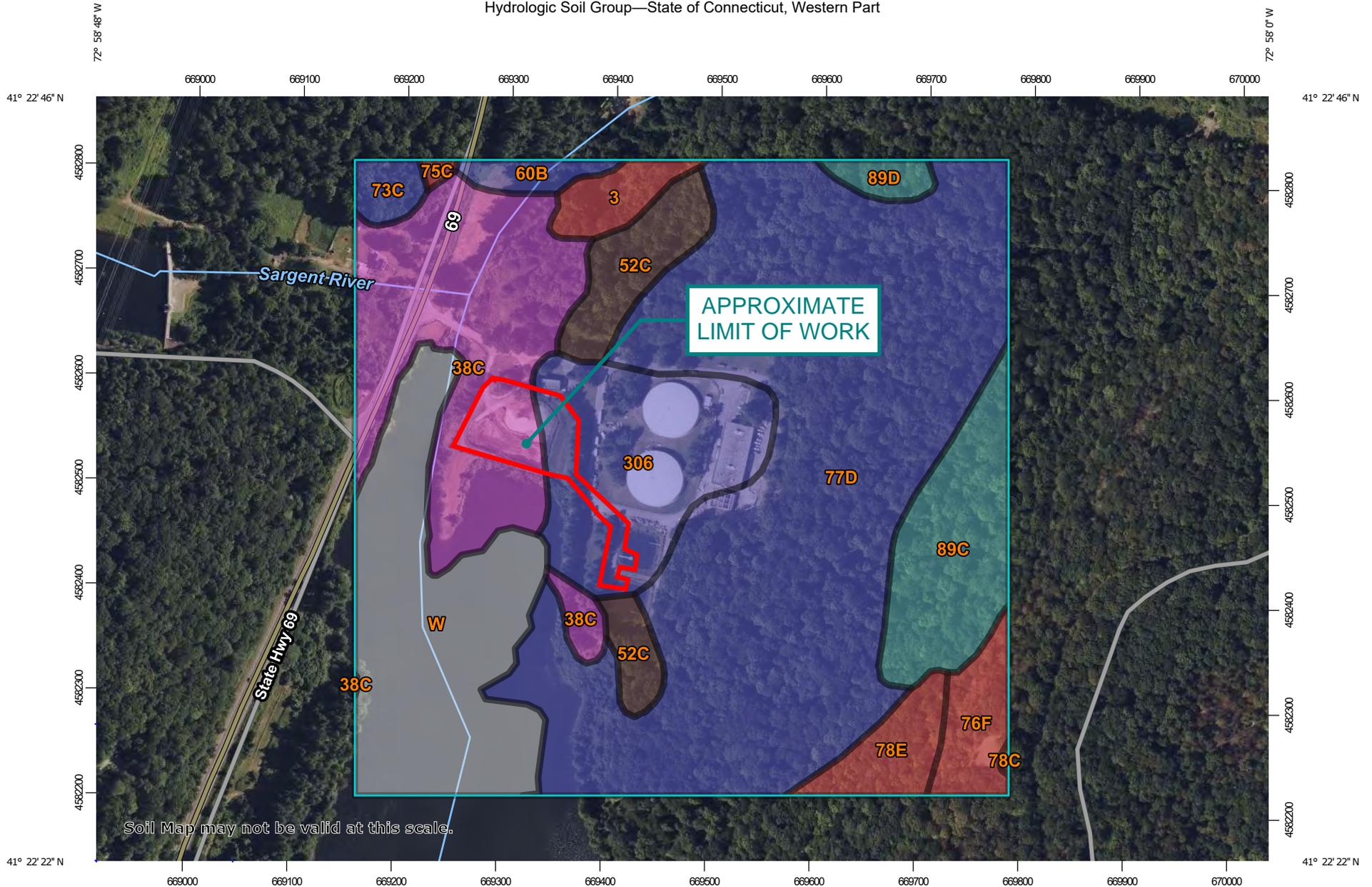
### **11.9 Appendix J – CT DEEP Financial Assurance Irrevocable Letter of Credit**



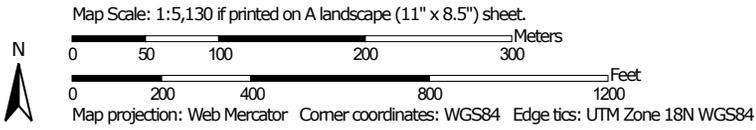
**Tighe &  
Bond**

B

Hydrologic Soil Group—State of Connecticut, Western Part



Soil Map may not be valid at this scale.



## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

#### Soil Rating Polygons

 A  
 A/D  
 B  
 B/D  
 C  
 C/D  
 D  
 Not rated or not available

#### Soil Rating Lines

 A  
 A/D  
 B  
 B/D  
 C  
 C/D  
 D  
 Not rated or not available

#### Soil Rating Points

 A  
 A/D  
 B  
 B/D

 C  
 C/D  
 D  
 Not rated or not available

### Water Features

 Streams and Canals

### Transportation

 Rails  
 Interstate Highways  
 US Routes  
 Major Roads  
 Local Roads

### Background

 Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

**Warning:** Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
 Web Soil Survey URL:  
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: State of Connecticut, Western Part  
 Survey Area Data: Version 2, Aug 30, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jun 14, 2022—Oct 6, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Hydrologic Soil Group

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
3	Ridgebury, Leicester, and Whitman soils, 0 to 8 percent slopes, extremely stony	D	1.5	1.6%
38C	Hinckley loamy sand, 3 to 15 percent slopes	A	13.7	14.6%
52C	Sutton fine sandy loam, 2 to 15 percent slopes, extremely stony	B/D	4.0	4.2%
60B	Canton and Charlton fine sandy loams, 3 to 8 percent slopes	B	0.9	1.0%
73C	Charlton-Chatfield complex, 0 to 15 percent slopes, very rocky	B	0.9	1.0%
75C	Hollis-Chatfield-Rock outcrop complex, 3 to 15 percent slopes	D	0.2	0.2%
76F	Rock outcrop-Hollis complex, 45 to 60 percent slopes	D	2.2	2.3%
77D	Cheshire-Holyoke complex, 15 to 35 percent slopes, very rocky	B	39.8	42.3%
78C	Holyoke-Rock outcrop complex, 3 to 15 percent slopes	D	0.0	0.1%
78E	Holyoke-Rock outcrop complex, 15 to 45 percent slopes	D	2.1	2.3%
89C	Wethersfield loam, 3 to 15 percent slopes, extremely stony	C	6.1	6.5%
89D	Wethersfield loam, 15 to 35 percent slopes, extremely stony	C	0.8	0.9%
306	Udorthents-Urban land complex	B	9.1	9.7%
W	Water		12.6	13.4%
<b>Totals for Area of Interest</b>			<b>94.1</b>	<b>100.0%</b>

## Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

## Rating Options

*Aggregation Method:* Dominant Condition

*Component Percent Cutoff:* None Specified

*Tie-break Rule:* Higher

# Natural Diversity Data Base Areas

WOODBRIIDGE, CT

December 2025

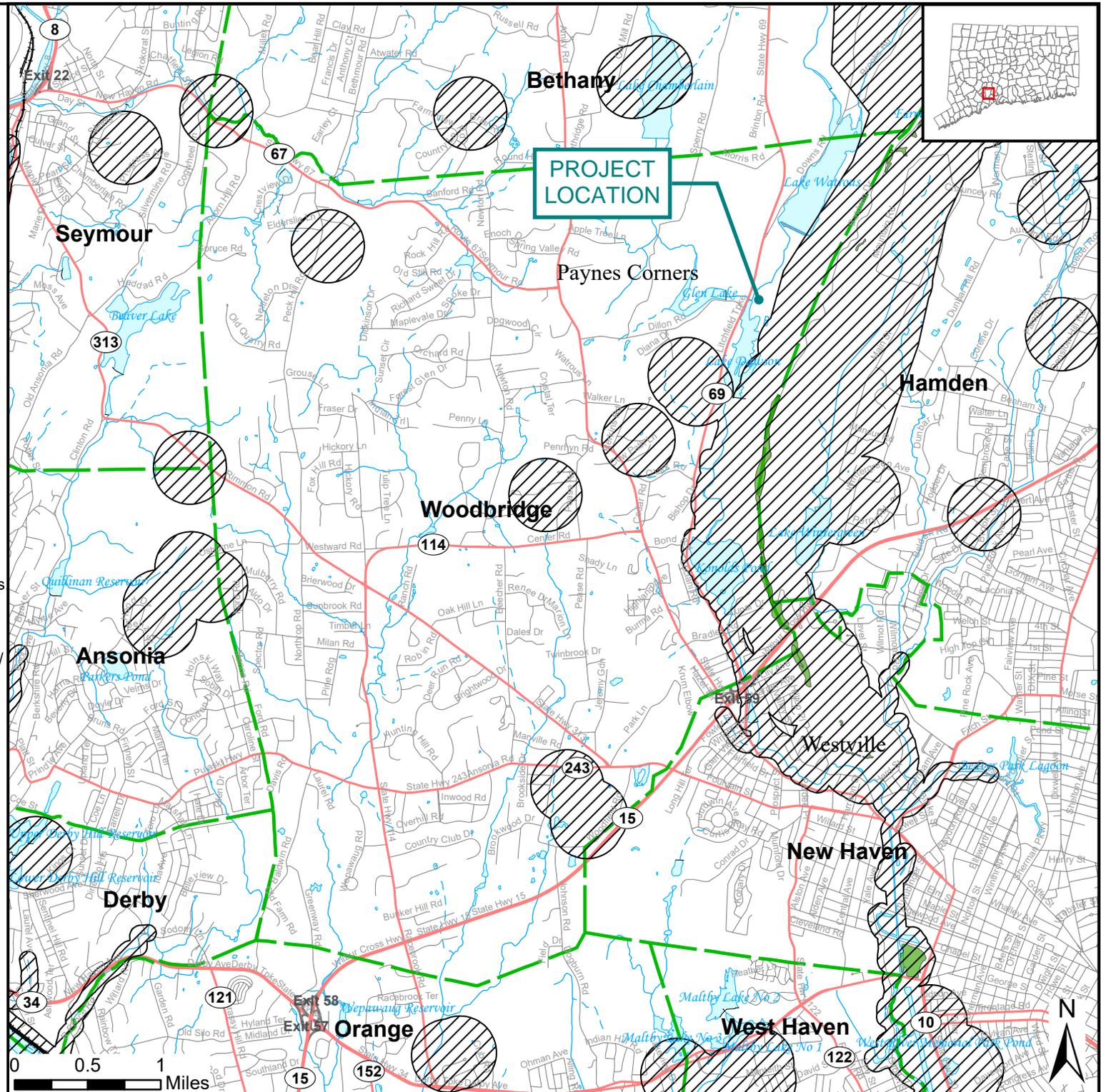
-  State and Federal Listed Species
-  Critical Habitat
-  Town Boundary

NOTE: This map shows known locations of State and Federal Listed Species and Critical Habitats. Information on listed species is collected and compiled by the Natural Diversity Data Base (NDDB) from a variety of data sources. Exact locations of species have been buffered to produce the generalized locations.

This map is intended for use as a preliminary screening tool for conducting a Natural Diversity Data Base Review Request. To use the map, locate the project boundaries and any additional affected areas. If the project is within a hatched area there may be a potential conflict with a listed species. For more information, use DEEP ezFile <https://filings.deep.ct.gov/DEEPPortal/> to submit a Request for Natural Diversity Data Base State Listed Species Review or Site Assessment. More detailed instructions are provided along with the request form on our website. <https://portal.ct.gov/deep-nddbrequest>

Use the CTECO Interactive Map Viewers at <http://cteco.uconn.edu> to more precisely search for and locate a site and to view aerial imagery with NDDB Areas.

QUESTIONS: Department of Energy and Environmental Protection (DEEP)  
79 Elm St, Hartford, CT 06106  
email: [deep.nddbrequest@ct.gov](mailto:deep.nddbrequest@ct.gov)  
Phone: (860) 424-3011





5/2/2025

Taylor Labbe  
SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY  
90 SARGENT DR  
NEW HAVEN, CT 06511  
tlabbe@tighebond.com

Subject: West River Water Treatment Plant Lined Residuals Drying Bed

Filing #: 128451

NDDB - New Determination Number: 202503781

Expiration Date: 5/2/2027

Location Description: West River Water Treatment Plant, 2035 Litchfield Turnpike, Woodbridge, CT

I have reviewed Natural Diversity Database (NDDB) maps and files regarding this project. I do not anticipate increased negative impacts to State-listed species (RCSA Sec. 26-306) resulting from your proposed activity at the site.

Your submission information indicates that your project requires a state permit, license, registration, or authorization, or utilizes state funding or involves state agency action. This NDDB - New determination may be utilized to fulfill the Endangered and Threatened Species requirements for state-issued permit applications, licenses, registration submissions, and authorizations.

Please be aware of the following limitations and conditions:

Natural Diversity Database information includes all information regarding listed species available to us at the time of the request. This information is a compilation of data collected over the years by the Department of Energy and Environmental Protection's Natural History Survey and cooperating units of DEEP, land owners, private conservation groups and the scientific community. This information is not necessarily the result of comprehensive or site-specific field investigations. Current research projects and new contributors continue to identify additional populations of species and locations of habitats of concern, as well as enhance existing data. Such new information is incorporated into the Database and accessed through the ezFile portal as it becomes available. New information may result in additional review, and new or modified restrictions or conditions may be necessary to remain in compliance with certain state permits.

- During your work listed species may be encountered on site. A report must be submitted by the observer to the Natural Diversity Database promptly and additional review and restrictions or conditions may be necessary to remain in compliance with certain state permits. Please fill out the [appropriate survey form](#) and follow the instructions for submittal.
- Your project involves the state permit application process or other state involvement, including state funding or state agency actions; please note that consultations with your permit analyst or the agency may result in additional requirements. In this situation, additional evaluation of the proposal by the

DEEP Wildlife Division may be necessary and additional information, including but not limited to species-specific site surveys, may be required. Any additional review may result in specific restrictions or conditions relating to listed species that may be found at or in the vicinity of the site.

- If your project involves preparing an Environmental Impact Assessment, this NDDDB consultation and determination should not be substituted for biological field surveys assessing on-site habitat and species presence.
- The NDDDB - New determination for the West River Water Treatment Plant Lined Residuals Drying Bed as described in the submitted information and summarized at the end of this document is valid until 5/2/2027. This determination applies only to the project as described in the submission and summarized at the end of this letter. Please re-submit an updated Request for Review if the project's scope of work and/or timeframe changes, including if work has not begun by 5/2/2027.

If you have further questions, please contact me at the following:

Shannon Kearney  
CT DEEP Bureau of Natural Resources  
Wildlife Division  
Natural Diversity Database  
79 Elm Street  
Hartford, CT 06106-5127  
(860) 424-3170  
Shannon.Kearney@ct.gov

Please reference the Determination Number 202503781 when you e-mail or write. Thank you for consulting the Natural Diversity Data Base.

Shannon Kearney  
Wildlife Division- Natural Diversity Data Base  
79 Elm Street  
Hartford, CT 06106-5127  
(860) 424-3170  
Shannon.Kearney@ct.gov

Application Details:

Project involves federal funds or federal permit:	No
Project involves state funds, state agency action, or relates to CEPA request:	No
Project requires state permit, license, registration, or authorization:	Yes
DEEP enforcement action related to project:	
Project Type:	Building and Infrastructure Development (including stormwater discharge associate with construction)
Project Sub-type:	Addition to an existing facility
Project Name:	West River Water Treatment Plant Lined Residuals Drying Bed
Project Description:	

March 11, 2025

Taylor Labbe  
Tighe & Bond  
1 Cedar Street, Suite 300  
Providence, RI 02903  
(sent only via email to [tlabbe@tighebond.com](mailto:tlabbe@tighebond.com))

Subject: West River Water Treatment Plant Lined Residuals Drying Bed Project  
2035 Litchfield Turnpike  
Woodbridge, Connecticut

Dear Taylor Labbe,

The State Historic Preservation Office (SHPO) is in receipt of a request for comments on the potential effects of the referenced project on historic properties. SHPO understands that the proposed project will entail the replacement of the existing residuals drying river at the West River Water Treatment Plant with a lined drying bed. The project will require a permit from the Connecticut Department of Energy and Environmental protection through the authority of the Environmental protection Agency; therefore, it is subject to review by this office pursuant to the Connecticut Environmental Policy Act and Section 106 of the National Historic Preservation Act.

There are no previously reported archaeological sites or properties on the National Register of Historic Places (NRHP) recorded within the Area of Potential Effects (APE) for the project. SHPO considers areas around the APE to retain archaeological sensitivity, However, project plans and readily available historic aerial imagery indicate that all activities will be confined to previously disturbed footprints. As a result, it is unlikely that significant archaeological resources will be impacted by the proposed actions. Based on the information submitted to this office, it is the opinion of SHPO that no historic properties will be affected by the proposed undertaking.

This office appreciates the opportunity to review and comment upon this project. For additional information, please contact Cory Atkinson, Staff Archaeologist and Environmental Reviewer, at (860) 500-2458 or [cory.atkinson@ct.gov](mailto:cory.atkinson@ct.gov).

Sincerely,

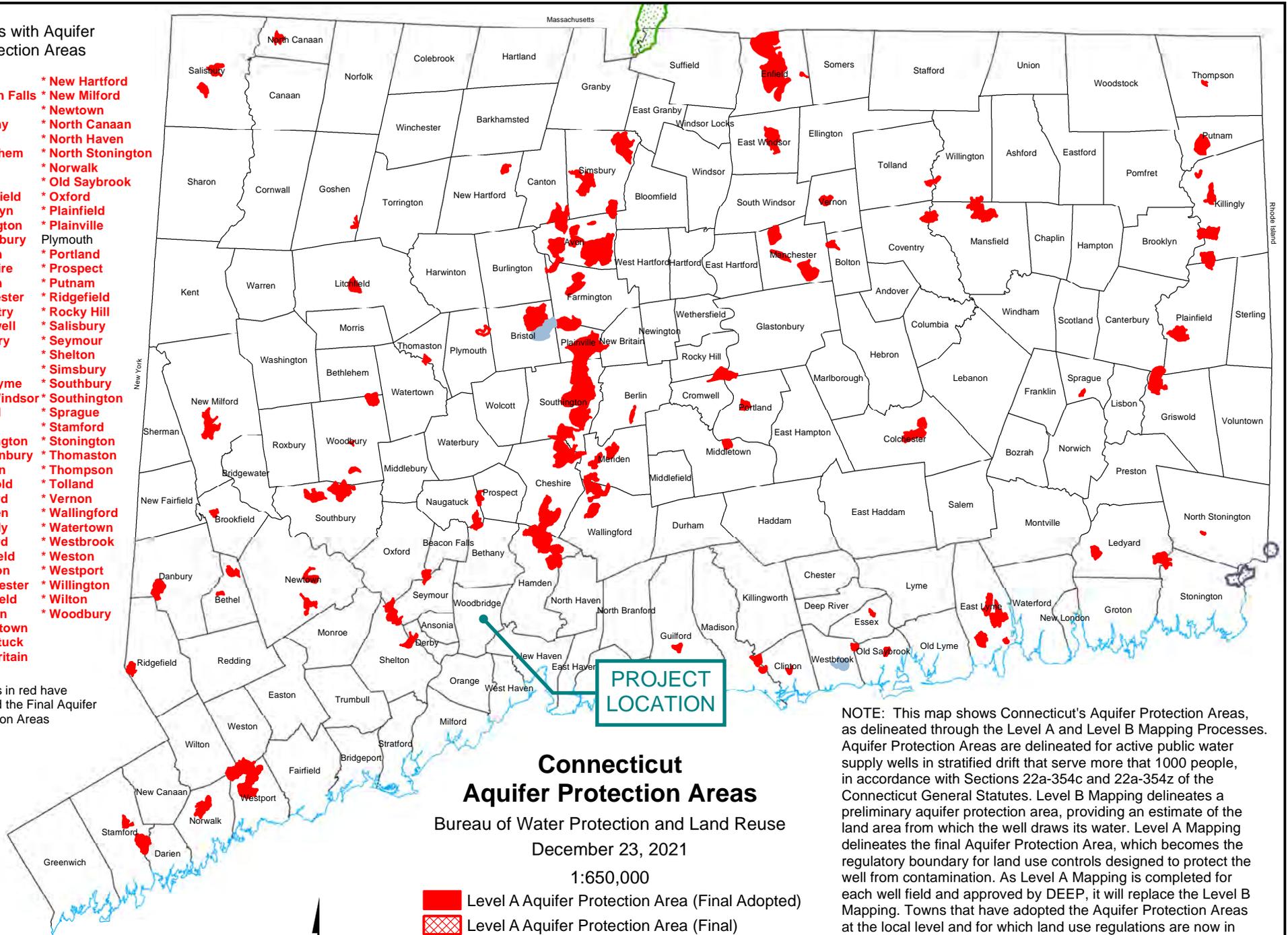


Jonathan Kinney  
State Historic Preservation Officer

### Towns with Aquifer Protection Areas

- \* Avon
- \* Beacon Falls
- \* Berlin
- \* Bethany
- \* Bethel
- \* Bethlehem
- \* Bolton
- \* Bristol
- \* Brookfield
- \* Brooklyn
- \* Burlington
- \* Canterbury
- \* Canton
- \* Cheshire
- \* Clinton
- \* Colchester
- \* Coventry
- \* Cromwell
- \* Danbury
- \* Darien
- \* Derby
- \* East Lyme
- \* East Windsor
- \* Enfield
- \* Essex
- \* Farmington
- \* Glastonbury
- \* Goshen
- \* Griswold
- \* Guilford
- \* Hamden
- \* Killingly
- \* Ledyard
- \* Litchfield
- \* Madison
- \* Manchester
- \* Mansfield
- \* Meriden
- \* Middletown
- \* Naugatuck
- \* New Britain
- \* New Hartford
- \* New Milford
- \* Newtown
- \* North Canaan
- \* North Haven
- \* North Stonington
- \* Norwalk
- \* Old Saybrook
- \* Oxford
- \* Plainfield
- \* Plainville
- Plymouth
- \* Portland
- \* Prospect
- \* Putnam
- \* Ridgefield
- \* Rocky Hill
- \* Salisbury
- \* Seymour
- \* Shelton
- \* Simsbury
- \* Southbury
- \* Southington
- \* Sprague
- \* Stamford
- \* Stonington
- \* Thomaston
- \* Thompson
- \* Tolland
- \* Vernon
- \* Wallingford
- \* Watertown
- \* Westbrook
- \* Weston
- \* Westport
- \* Willington
- \* Wilton
- \* Woodbury

\* Towns in red have adopted the Final Aquifer Protection Areas



## Connecticut Aquifer Protection Areas

Bureau of Water Protection and Land Reuse

December 23, 2021

1:650,000

- Level A Aquifer Protection Area (Final Adopted)
- Level A Aquifer Protection Area (Final)
- Level B Aquifer Protection Area (Preliminary)
- Massachusetts Wellhead Protection Area
- Rhode Island Wellhead Protection Area

NOTE: This map shows Connecticut's Aquifer Protection Areas, as delineated through the Level A and Level B Mapping Processes. Aquifer Protection Areas are delineated for active public water supply wells in stratified drift that serve more than 1000 people, in accordance with Sections 22a-354c and 22a-354z of the Connecticut General Statutes. Level B Mapping delineates a preliminary aquifer protection area, providing an estimate of the land area from which the well draws its water. Level A Mapping delineates the final Aquifer Protection Area, which becomes the regulatory boundary for land use controls designed to protect the well from contamination. As Level A Mapping is completed for each well field and approved by DEEP, it will replace the Level B Mapping. Towns that have adopted the Aquifer Protection Areas at the local level and for which land use regulations are now in place are designated by the solid red above and in red in the list of Towns with Aquifer Protection Areas. Wellhead protection areas in Massachusetts and Rhode Island are shown for informational purposes only.

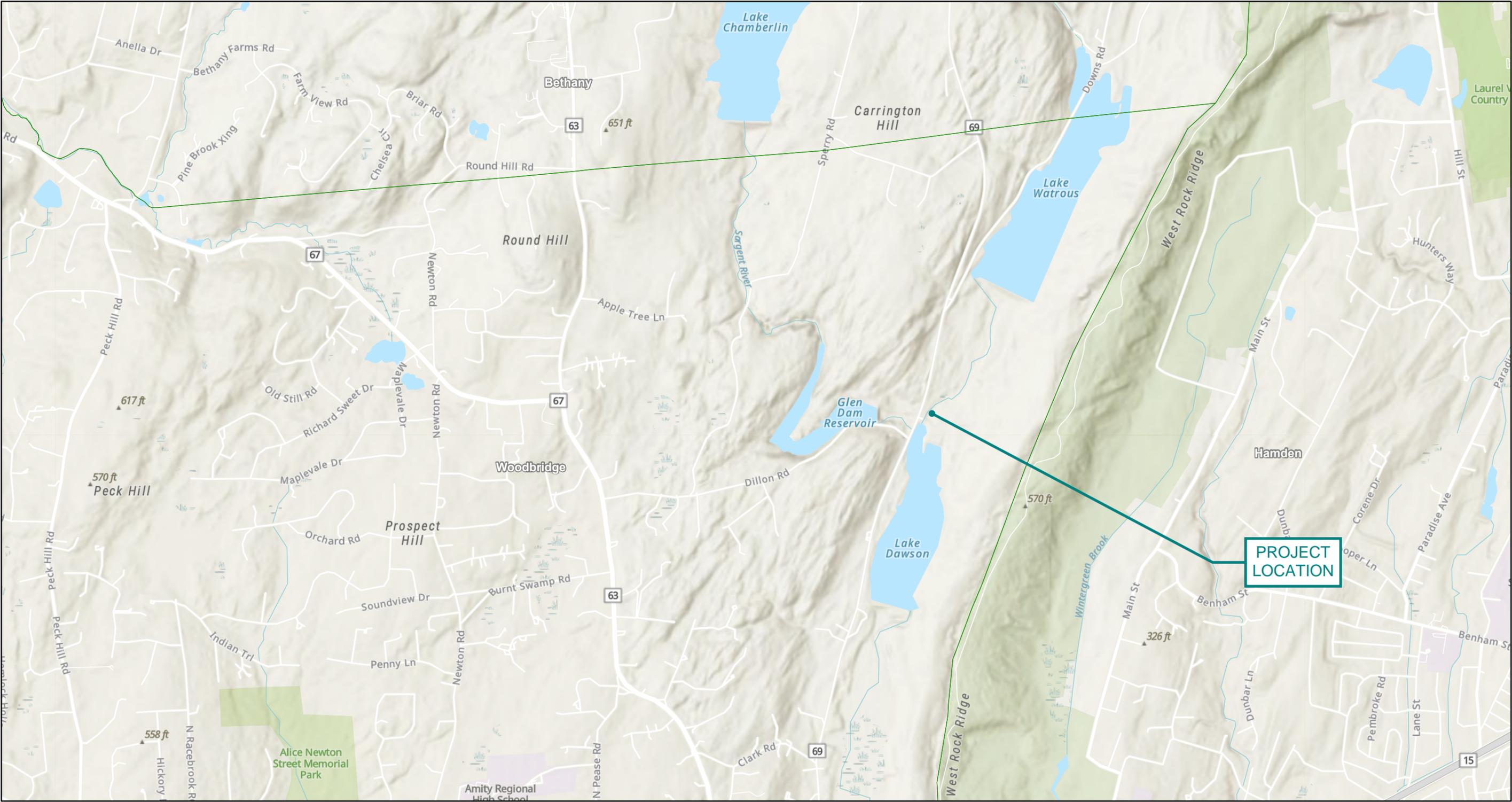
[www.ct.gov/deep/aquiferprotection](http://www.ct.gov/deep/aquiferprotection)



Connecticut Department of  
Energy & Environmental Protection  
79 Elm Street  
Hartford, CT 06106



# CT ECO Map



2/6/2026, 1:59:12 PM

 CT Municipalities  
World\_Hillshade

 Esri, NASA, NGA, USGS, FEMA, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community



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**SENSITIVE INFORMATION REMOVED FOR SECURITY PURPOSES**



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**Connecticut Department of  
Energy & Environmental Protection**  
Bureau of Materials Management & Compliance Assurance  
Water Permitting & Enforcement Division

**General Permit for the Discharge of Stormwater and Dewatering Wastewaters from  
Construction Activities, issued 8/21/13, effective 10/1/13**  
**Stormwater Monitoring Report**

**SITE INFORMATION**

Permittee: \_\_\_\_\_  
 Mailing Address: \_\_\_\_\_  
 Business Phone: \_\_\_\_\_ ext.: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Contact Person: \_\_\_\_\_ Title: \_\_\_\_\_  
 Site Name: \_\_\_\_\_  
 Site Address: \_\_\_\_\_  
 Receiving Water (name, basin): \_\_\_\_\_  
 Stormwater Permit No. GSN \_\_\_\_\_

**SAMPLING INFORMATION (Submit a separate form for each outfall)**

Outfall Designation: \_\_\_\_\_ Date/Time Collected: \_\_\_\_\_  
 Outfall Location(s) (lat/lon or map link): \_\_\_\_\_  
 Person Collecting Sample: \_\_\_\_\_  
 Storm Magnitude (inches): \_\_\_\_\_ Storm Duration (hours): \_\_\_\_\_  
 Size of Disturbed Area at any time: \_\_\_\_\_

**MONITORING RESULTS**

Sample #	Parameter	Method	Results (units)	Laboratory (if applicable)
1	Turbidity			
2	Turbidity			
3	Turbidity			
4	Turbidity			

(provide an attachment if more than 4 samples were taken for this outfall)

Avg = \_\_\_\_\_

**STATEMENT OF ACKNOWLEDGMENT**

I certify that the data reported on this document were prepared under my direction or supervision in accordance with the General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities. The information submitted is, to the best of my knowledge and belief, true, accurate and complete.

Authorized Official: \_\_\_\_\_  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Please send completed form to:

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION  
 BUREAU OF MATERIALS MANAGEMENT AND COMPLIANCE ASSURANCE  
 79 ELM STREET  
 HARTFORD, CT 06106-5127  
 ATTN: NEAL WILLIAMS



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**Project Name: West River WTP Lined Residuals Drying Bed**

**Stormwater Pollution Control Plan**

*Potential Spill Location Information*

Spill cleanup equipment is kept

---

(where)

And includes-

---

(what; speedi-dri, brooms, etc.)

And all personal are instructed in its location and use.

Types of materials present on-site which could potentially spill and discharge to stormwater include:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

Areas where spills may potentially occur and discharge to stormwater include:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

Measures used to minimize the possibility of spills include:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.



Connecticut Department of Environmental Protection  
Oil and Chemical Spill Response Division  
Report of Petroleum or Chemical Product Discharge, Spillage or Release

1. When did the incident occur? Date    /    /    Time     
month/day/year

2. Where did the incident occur?  
\_\_\_\_\_

3. How did the incident occur? (describe the cause)  
\_\_\_\_\_

4. Under whose control was the hazardous material at the time of the incident?

Name: \_\_\_\_\_

Mailing & Street Address: \_\_\_\_\_

Town: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Phone: \_\_\_\_\_

5. Who is the owner of the property onto which the spill occurred?  
\_\_\_\_\_

If this is a corporate property or jointly owned property, who represents the owner?

Corporate Property

Jointly-owned property

Name: \_\_\_\_\_

Mailing & Street address \_\_\_\_\_

Town: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Phone: \_\_\_\_\_

6. When was the incident verbally reported to the Department of Environmental Protection?

Date    /    /    Time    :     
Month/day/year

7. Who reported the incident and whom were they representing?

Name: \_\_\_\_\_

Mailing & Street Address: \_\_\_\_\_

Town: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Phone: \_\_\_\_\_

8. What were the chemicals or petroleum products, etc. released, spilled or discharged? Give an exact description of each of the materials involved in the incident, including chemical names, percent concentrations, trade names, etc.

If the chemicals are Extremely Hazardous substances or CERCLA hazardous substances they must be identified as such and include the reportable quantity (RQ). Please attach a Material Safety Data Sheet (MSDS) for each chemical involved.

What were the quantities of hazardous materials that were released, spilled or discharged to each environmental medium (air, surface water, soil, and/or ground water)? [NOTE: Connecticut General Statutes requires the reporting of any amount of any substance or material released to the environment].

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9. Did any of these hazardous materials travel beyond the property line? [NOTE: Materials that enter the ground water are considered to have gone beyond the property line.]

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10. What actions were taken to respond to and contain the release, spill or discharge?

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11. What actions are being taken to prevent reoccurrence of an incident of this type? (Attach additional sheets if necessary.)

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12. Were there any injuries as a result of the incident? If so, list the names of injured individuals, their addresses, phone numbers and describe their injuries. (Attach additional sheets if necessary)

Name: \_\_\_\_\_

Mailing & Street Address: \_\_\_\_\_

Town: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Telephone: \_\_\_\_\_

13. What is the appropriate advice regarding medical attention necessary for exposed individuals?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

14. Are there any known or anticipated health risks, acute or chronic, associated with the release of these hazardous materials or medical advice that should be communicated?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

15. Was the incident completely cleaned up by the time this report was submitted? If not, what are the anticipated remedial actions and their duration?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

16. CERTIFICATION: I hereby affirm that the foregoing statement is true to the best of my knowledge.

Signature \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Print Name \_\_\_\_\_ Telephone \_\_\_\_\_

Street Address/P.O. Box \_\_\_\_\_ City/Town \_\_\_\_\_ State & Zip \_\_\_\_\_

This form may be reproduced as long as it contains all of the information requested and is on an 8 1/2 X 11 sheet of white paper, black type format. For serious incidents the questions may be answered in narrative format which must include the preparer's affidavit.

Mail to:



State of Connecticut  
Department of Environmental Protection  
Bureau of Waste Management  
Oil and Chemical Response Division  
79 Elm Street  
Hartford, CT 06106-5127  
[www.dep.state.ct.us](http://www.dep.state.ct.us)

Phone: Routine calls (860) 424-3024  
Emergency 24 hrs (860) 424-3338

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**Project Name: West River WTP Lined Residuals Drying Bed  
Stormwater Pollution Control Plan**

*Inspection Report Form for Stabilization Measures*

Report Number: _____	Page: _____
----------------------	-------------

**Project Phase:**

- Initial                       Intermediate                       Final

**Inspector:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**No. of Days Since Last Rainfall:** \_\_\_\_\_

**Inches:** \_\_\_\_\_

Area	Date Last Disturbed	Date of Next Disturbance	Stabilized?	Stabilized With	Condition

**Stabilization Notes:**

**Stabilization Key**

CE = Construction Entrance	TV = Temporary Vegetation
PV = Permanent Vegetation	

**To be performed by:** \_\_\_\_\_

**On or before:** \_\_\_\_\_

**Project Name: West River WTP Lined Residuals Drying Bed**  
**Stormwater Pollution Control Plan**

*Inspection Report Form for Structural Controls*

Report Number: _____	Page: _____
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**Project Phase:**

- Initial                       Intermediate                       Final

**Inspector:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**No. of Days Since Last Rainfall:** \_\_\_\_\_

**Inches:** \_\_\_\_\_

Control Location	In Place?	Condition	Sediment Depth	Washed Out/ Overtopped?

**Structural Notes:**

**To be performed by:** \_\_\_\_\_

**On or before:** \_\_\_\_\_

**Project Name: West River WTP Lined Residuals Drying Be**  
**Stormwater Pollution Control Plan**  
*Required Changes Reporting Form*

Report Number: \_\_\_\_\_

Page: \_\_\_\_\_

**Project Phase:**

Initial

Intermediate

Final

**Inspector:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**No. of Days Since Last Rainfall:** \_\_\_\_\_

**Inches:** \_\_\_\_\_

**Summary of Required Changes**

**Reasons for Change**

**To be performed by:** \_\_\_\_\_

**On or before:** \_\_\_\_\_

**Project Name: West River WTP Lined Residuals Drying Bed**  
**Stormwater Pollution Control Plan**  
*Inspection Summary Form*

Report Number: _____	Page: _____
----------------------	-------------

**Project Phase:**

- Initial                       Intermediate                       Final

**Inspector:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**No. of Days Since Last Rainfall:** \_\_\_\_\_

**Inches:** \_\_\_\_\_

**Comments**

**Maintenance and Other Actions Required (Not Noted Elsewhere):**

**To be performed by:** \_\_\_\_\_

**On or before:** \_\_\_\_\_

**Project Name: West River WTP Lined Residuals Drying Bed  
Stormwater Pollution Control Plan**

*Inspection Certification Form*

Report Number:	Page:
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**This certification must be completed after each inspection to signify that the inspection has been properly completed and the site has been found to be in compliance with the Storm Water Pollution Control Plan.**

"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 this document or its attachments 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.

**Signed:** \_\_\_\_\_

**Name:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Company:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Telephone:** \_\_\_\_\_

**Date:** \_\_\_\_\_



**Project Name: West River WTP Lined Residuals Drying Bed**

**Stormwater Pollution Control Plan**

Monthly Inspection Checklist for Year 20\_\_\_\_

The site is inspected weekly for trash and debris. The table on this page is initialed each month by a member of the PPT. If any problems are observed, write "No" in the "OK?" column and note the problem and measures taken in the space in the following table. Make a new copy of this table for each new year.

Date (List Day	Initials	OK?	Problems Noted and Measures Taken
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			
Drainage Structures and outfalls were cleaned on _____, _____ (Month, day, year)			

By

\_\_\_\_\_  
(Company)



**Project Name: West River WTP Lined Residuals Drying Bed**

**Stormwater Pollution Control Plan**

*Comprehensive Annual Stormwater Evaluation and Inspection Report*

Once a year, a member of the PPT shall conduct a Comprehensive Annual Stormwater Evaluation and Inspection of all aspects and provisions of the SWPCP. The following report is prepared and a copy maintained on site in the files of the facility. The Comprehensive Annual Stormwater Evaluation and Inspection Report is reviewed and signed by the same party who signed the registration or by their replacement of equivalent position.

Inspection:

Date of Inspection:

Reviewed By:

Update the PPT if necessary. PPT updated?  Yes  No

Review the SMP. Areas of SMP need to be updated?  Yes  No

Review the checklists within the SWPCP. Update the checklists, spill plan and maintenance practices as necessary. Changes to the checklists, spill plan or maintenance practices are noted here and in the appropriate section of the Plan. (Copy this sheet as necessary).

Additional Comments:



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Connecticut Department of Energy & Environmental Protection

Bureau of Materials Management & Compliance Assurance
Water Permitting & Enforcement Division

General Permit for the Discharge of Stormwater from Construction Activities
Notice of Termination Form: Non-Solar Projects

This Notice serves as a request to terminate the below listed permit as well as any applicable Letter(s) of Credit.

Part I: Permittee Information

The below information is required in accordance with Section 4.2 of the General Permit.

1. Permit Number: CTR10
2. Registrant:
3. Site Address:
City/Town: State: Zip Code:
4. Date of completion of construction:
Date all storm drainage structures were cleared of construction sediment and debris:
Beginning and Ending Dates of post-construction inspections:
Date of final stabilization inspection(s):
Date of Termination Inspection(s)\*:
Qualified Inspector who conducted the Final Stabilization Inspection:
(This person must sign Part III)
5. Check the post-construction activity(ies)\*\* at the site (check all that apply):
Industrial Residential Capped Landfill
Commercial Solar Array Other:

\* The Termination Inspection must occur at least one full year after final stabilization has been achieved and maintained.
\*\* If the post-construction activity involves solar arrays, the Department may require that the "Solar Projects: Notice of Termination Form" be used.

**Locally Approvable Projects Must Complete the following Part II - (Attach additional sheets as needed)**

**Part II: Locally Approvable Post-Construction Inspection Certification**

*The below information is required in accordance with Section 5.2.5.3a of the General Permit.*

**Certification by a Qualified Professional Engineer / Qualified Soil Erosion and Sediment Control Professional / District Representative**

"I hereby certify that I am a qualified professional engineer / a qualified soil erosion and sediment control professional and a representative of the District in which the site is located as defined in Section 11 of the General Permit for Discharge of Stormwater from Construction Activities (general permit). I am familiar with the site described in this Notice of Termination and the requirements of the general permit. I certify, based on my personal inspection of the site pursuant to Section 4.2 of the general permit that all post-construction measures have been installed as specified in the permittee's Stormwater Pollution Control Plan and in accordance with Section 5.2.2.9 of the general permit and that all such measures have been cleaned of construction sediment and debris. I understand that this certification is part of a registration submitted in accordance with section 22a-430b of Connecticut General Statutes and is subject to the requirements and responsibilities for a qualified professional in such statute. I also understand that knowingly making any false statement in this certification may be punishable as a criminal offense, including the possibility of fine and imprisonment, under section 53a-157b of the Connecticut General Statutes and any other applicable law."

\_\_\_\_\_  
Signature of Qualified Professional Engineer / Qualified Soil Erosion and Sediment Control Professional / Representative of the District

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name of Qualified Professional Engineer / Qualified Soil Erosion and Sediment Control Professional / Representative of the District

\_\_\_\_\_  
Title

Check off the qualifications of the signatory of the above part:

- Qualified Professional Engineer       Qualified Soil Erosion and Sediment Control Professional       Representative of the District

**Locally Exempt Projects Must Complete the following Part II - (Attach additional sheets as needed)**

**Part II: Locally Exempt Post-Construction Inspection Certification**

*The below information is required in accordance with Section 5.2.5.3b of the General Permit.*

**Certification by a Qualified Professional Engineer / Qualified Soil Erosion and Sediment Control Professional**

“I hereby certify that I am a qualified professional engineer / a qualified soil erosion and sediment control professional and a representative of the District in which the site is located as defined in Section 11 of the General Permit for Discharge of Stormwater from Construction Activities (general permit). I am familiar with the site described in this Notice of Termination and the requirements of the general permit. I certify, based on my personal inspection of the site pursuant to Section 4.2 of the general permit that all post-construction measures have been installed as specified in the permittee’s Stormwater Pollution Control Plan and in accordance with Section 5.2.2.9 of the general permit and that all such measures have been cleaned of construction sediment and debris. I understand that this certification is part of a registration submitted in accordance with section 22a-430b of Connecticut General Statutes and is subject to the requirements and responsibilities for a qualified professional in such statute. I also understand that knowingly making any false statement in this certification may be punishable as a criminal offense, including the possibility of fine and imprisonment, under section 53a-157b of the Connecticut General Statutes and any other applicable law.”

\_\_\_\_\_  
Signature of Qualified Professional Engineer / Qualified Soil Erosion and Sediment Control Professional

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name of Qualified Professional Engineer / Qualified Soil Erosion and Sediment Control Professional

\_\_\_\_\_  
Title

Check off the qualifications of the signatory of the above part:

- Qualified Professional Engineer       Qualified Soil Erosion and Sediment Control Professional

**Part II: State Agency Post-Construction Inspection Certification**

*The below information is required in accordance with Section 5.2.5.3c of the General Permit.*

***Certification by a DOT District Engineer or his/her designee / a DOT District Environmental Coordinator / a designated employee of another state agency***

“I hereby certify that I am a DOT District Engineer or his/her designee / a DOT District Environmental Coordinator / a designated employee of another state agency as defined in Section 11 of the General Permit for Discharge of Stormwater from Construction Activities (general permit). I am familiar with the site described in this Notice of Termination and the requirements of the general permit. I certify, based on my personal inspection of the site pursuant to Section 4.2 of the general permit that all post-construction measures have been installed as specified in the permittee’s Stormwater Pollution Control Plan and in accordance with Section 5.2.2.9 of the general permit and that all such measures have been cleaned of construction sediment and debris. I understand that this certification is part of a registration submitted in accordance with section 22a-430b of Connecticut General Statutes and is subject to the requirements and responsibilities for a qualified professional in such statute. I also understand that knowingly making any false statement in this certification may be punishable as a criminal offense, including the possibility of fine and imprisonment, under section 53a-157b of the Connecticut General Statutes and any other applicable law.”

Signature	Date
-----------	------

Printed Name	Title
--------------	-------

Check off the qualifications of the signatory of the above part:

Qualified Professional Engineer       Qualified Soil Erosion and Sediment Control Professional       Representative of the District

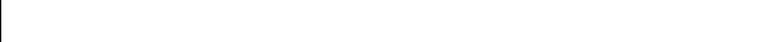
**All Projects Must Complete the following Part III - (Attach additional sheets as needed)**

**Part III: Final Stabilization Inspection Certification**

*The below information is required in accordance with Section 5.2.5.4 of the General Permit.*

***Certification by a Qualified Inspector***

"I hereby certify that I am a qualified inspector as defined in Section 11 of the General Permit for Discharge of Stormwater from Construction Activities (general permit). I am familiar with the site described in this Notice of Termination and the requirements of the general permit. I certify, based on my personal inspection of the site pursuant to Section 4.2 of the general permit that all temporary erosion and sedimentation measures have been removed, all areas of the site are fully stabilized and vegetated, and that all post-stormwater management measures are implemented and functioning as designed. I also understand that knowingly making any false statement in this certification may be punishable as a criminal offense, including the possibility of fine and imprisonment, under section 53a-157b of the Connecticut General Statutes and any other applicable law."

	
Signature of Qualified Inspector	Date
	
Printed Name of Qualified Inspector	Title

**All Projects Must Complete the following Part IV - (Attach additional sheets as needed)**

**Part IV: Termination Inspection Certification**

*The below information is required in accordance with Section 5.2.5.4 of the General Permit.*

**Certification by a Qualified Inspector**

"I hereby certify that I am a qualified inspector as defined in Section 11 of the General Permit for Discharge of Stormwater and Dewatering Wastewaters from Construction Activities (general permit). I am familiar with the site described in this Notice of Termination and the requirements of the general permit. I certify, based on my personal inspection of the site pursuant to Section 4.2 of the general permit that the site has been stabilized, as defined in Section 11 of the general permit, for a period of no less than one full year following the cessation of construction activities. I further certify that there is no active erosion or sedimentation present on site and no disturbed areas remain exposed. I also understand that knowingly making any false statement in this certification may be punishable as a criminal offense, including the possibility of fine and imprisonment, under section 53a-157b of the Connecticut General Statutes and any other applicable law."

\_\_\_\_\_  
Signature of Qualified Inspector

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name of Qualified Inspector

\_\_\_\_\_  
Title

**All Projects Must Complete the following Part V - (Attach additional sheets as needed)**

**Part V: Permittee Certification**

*The below information is required in accordance with Section 5.2.5.4 of the General Permit.*

**Certification by the Permittee**

“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 this document or its attachments may be punishable as a criminal offense, in accordance with section 22a-6 of the Connecticut General Statutes, pursuant to section 53a-157b of the Connecticut General Statutes, and in accordance with any other applicable statute.”

Signature of Permittee	Date
	
Printed Name of Permittee	Title

**All Projects Must Complete the following Part VI - (Attach additional documentation as needed)**

### **Part VI: Additional Submittals**

The following attachments are required to be submitted along with the Notice of Termination Form:

- Post-Construction Inspection Report (must contain photos with time stamps)
- Final Stabilization Inspection Report (must contain photos with time stamps)
- Termination Inspection Report (must contain photos with time stamps)

Complete and submit this form in accordance with the general permit (DEEP-WPED-GP-015) to ensure the proper handling of the termination. Print or type unless otherwise noted.

Submit this Notice of Termination Form to the address below, as well as via email to [DEEP.StormwaterStaff@ct.gov](mailto:DEEP.StormwaterStaff@ct.gov):

WATER PERMITTING AND ENFORCEMENT DIVISION/STORMWATER GROUP  
DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION  
79 ELM STREET  
HARTFORD, CT 06106-5127

