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STORMWATER POLLUTION PREVENTION PLAN

Colt's Manufacturing Company

545 New Park Avenue

West Hartford, Connecticut 06110



CT DEEP Permit No: **CTR050000**

Colt's Stormwater Permit No: **GSI000546**

ISSUED: March 2026

File No. 05.0046655.14

PREPARED BY:

GZA GeoEnvironmental, Inc.

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Glastonbury, CT

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Revision History

Version	Date	Author
Initial Release	03/ 24 / 2026	Chris Mayne, CHMM GZA GeoEnvironmental, Inc.
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	--/ --/ ----	



Facility Contact Information

Facility Address		
Colt's Manufacturing Company, Inc. 545 New Park Avenue West Hartford, CT 06110		Main Number: 860-236-6311
Principle Contact / Facility Operations		
Name	Title	Phone Number
John Weiss	VP of EHS	Cell: 413.5149.5859
Alternates		
Matt Caron	First Shift Officer	Cell: 860.510.6646
Phil Welch	First Shift Officer	Cell: 860.794.1108
Security	All Shifts	Work: Ext. 1666
General Information		
SIC Code: 3644	Coordinates: Latitude: 41.7390 N Longitude: -72.7231 W	Descriptive Location: Facility is located at the corner of New Park Avenue and Talcott Road.



Emergency External Contact List

Name	Type	Phone Number
Authorities or Agencies		
West Hartford Fire Department	Local Fire Department	911 or 860.523.5263
West Hartford Police Department	Local Police Department	911 or 860.523.5203
Hartford Hospital	Local Hospital with Emergency	860.545.5000
West Hartford Dept. of Emergency Management	Local Emergency Planning Committee	860.561.7911
CT DEEP 24-hour Spill Hotline	State Environmental Agency	860.424.3338 or 1- 866-DEP-SPIL (1.866.337.7745)
CT Department of Health	State Health Department	860.509.8000
State Emergency Response Commission	SERC	860.424.3373
National Response Center	Federal Spill Response	800.424.8802
EPA Region 1: Oil Spills/SPCC	Federal Spill Reporting	617.918.1786 or 617.723.8928
EPA Region 1: Customer Call Center	Alternate Federal Spill Reporting Number	888.372.7341
Local Coast Guard	Federal Spill Response, Water	203.468.4401 (main) 203.468.4404 (24-hour)
Spill Contractors		
Tradebe Environmental Services, Inc.	Primary Spill Contractor	888-276-0887
Clean Harbors Environmental Services, Inc.	Alternate Spill Contractor	800-645-8265
Local Media		
WICC 600 AM	Local Radio Station	203.333.9422
WTNH Channel 8	Local TV Station	203.784.8888
GZA Offices		
Glastonbury, CT	Environmental Consultant	860.858.3191



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SECTION 1: CERTIFICATIONS CONTAINED IN THE SWPPP

CERTIFICATION BY THE PERMITTEE THAT THE SWPPP MEETS PERMIT CRITERIA

Instructions: The SWPPP must be signed as follows:

- for a corporation, by a responsible corporate officer or a duly authorized representative thereof, as those terms are defined in section 22a-430-3(b)(2) of the Regulations of Connecticut State Agencies.
- for a municipality, state, federal, or other public agency, by either a principal executive officer or a ranking elected official, as those terms are defined in section 22a-430-3(b)(2) of the Regulations of Connecticut State Agencies.
- for a partnership or a sole proprietorship, by a general partner or the proprietor, respectively.

"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 offence, in accordance with Section 22a-6, under Section 53a-157b of the Connecticut General Statutes, and in accordance with any other applicable statute."

Certifier
Name: John Weiss

Certifier Title: VP of EHS

Certifier
Signature: *John A. Weiss*

Date: March 24, 2026

Site/Facility
Name and
Address: Colt's Manufacturing Company, LLC
545 New Park Avenue
West Hartford, CT 06110

General Permit No.: GSI000546



CERTIFICATION BY A QUALIFIED PROFESSIONAL THAT THE SWPPP MEETS PERMIT CRITERIA

Instructions: For all permittees, the SWPPP must include certification that the SWPPP meets the criteria set forth in the IGP for the Discharge of Stormwater Associated with Industrial Activity. The official certification statement can be found in Appendix D. This certification must be signed and dated by a professional engineer licensed to practice in the State of Connecticut or a Certified Hazardous Materials Manager. The language of the certification must not be altered, and the certification as well as supporting documentation, must be included in the SWPPP. If significant changes are made to the site or to the SWPPP in accordance with the IGP, the SWPPP must be re-certified in accordance with this section.

I certify that I have thoroughly and completely reviewed the Stormwater Pollution Prevention Plan prepared for the site or facility known as Colt's Manufacturing Company, LLC. I further certify, based on such review and site visit by myself or my agent, and on my professional judgment, that the Stormwater Pollution Prevention Plan meets the criteria set forth in the IGP for the Discharge of Stormwater Associated with Industrial Activity.

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

Certifier Name:	Christopher Mayne	Certifier Title:	Senior Technical EHS Specialist CHMM
Certifier Signature:		Date:	March 24, 2026
Site/Facility Name and Address:	Colt's Manufacturing Company, LLC 545 New Park Avenue West Hartford, CT 06110	General Permit No.:	GS1000546



CERTIFICATION OF NON-STORMWATER DISCHARGES

Instructions: For all permittees, the SWPPP must include certification that the stormwater discharge(s) from the site consist only of stormwater, or of stormwater combined with wastewater authorized by an effective permit issued under section 22a-430 or section 22a-430b of the CT General Statutes, including the provisions of this general permit, or of stormwater combined with any of the authorized non-stormwater discharges described in the permit, provided they do not contribute to a violation of water quality standards. The official certification statement, in accordance with the permit. This certification must be signed and dated by a qualified professional as described in the permit. The language of the certification must not be altered. If significant changes are made to the site or to the SWPPP, the SWPPP must be re-certified.

I certify that, in my professional judgment, the stormwater discharge from the site or facility known as Colt's Manufacturing Company, LLC consists only of stormwater, or of stormwater combined with wastewater authorized by an effective permit issued under section 22a-430 or section 22a-430b of the Connecticut General Statutes, including the provisions of the IGP for the Discharge of Stormwater Associated with Industrial Activity, or of stormwater combined with any of the following discharges, provided they do not contribute to a violation of water quality standards.

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

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

Certifier Name:	Christopher Mayne	Certifier Title:	Senior Technical EHS Specialist CHMM
Certifier Signature:		Date:	March 24, 2026
Site/Facility Name and Address:	Colt's Manufacturing Company, LLC 545 New Park Avenue West Hartford, CT 06110	General Permit No.:	GS1000546



1.1 ADDITIONAL PERMITS

The Facility does not generate other discharges subject to permitting under Section 22a-430 or 22a-430b of the Connecticut General Statutes.

1.2 RECORD RETENTION

As required by subsection 4.8.3 of the General Permit, the Colt's Manufacturing Company, LLC (Colt) will retain copies of the following records "for a period of at least five (5) years from the date that coverage under this permit expires or is terminated."

- permit registration documents;
- records of all data used to complete the registration;
- the SWPPP, and subsequent modifications;
- all reports and certifications required by the permit;
- monitoring records and data;
- documentation of inspections, maintenance, monitoring, and corrective actions;
- notifications of all other instances of noncompliance not included in the Annual Report;
- a written record of employee training, including the training agenda, the date(s), name(s) and employee responsibilities;
- additional information promptly submitted to CT DEEP should Colt discover that facts or information submitted in the registration or in any report was not complete or accurate; and
- any advance notice given to CT DEEP, as required, of any planned changes to the Facility or activities which may result in noncompliance with permit requirements or cause a significant increase in the quantity of pollutants discharged.



SECTION 2: POLLUTION PREVENTION TEAM

Instructions: Identify the specific individual(s) serving as members of the stormwater pollution prevention team and their specific responsibilities. The team must be comprised of “*Qualified Person(s)*” or “*Qualified Personnel*”. Include any engineering consultants that have been hired to implement any portion of the Plan. At least one team member shall be present at the facility or on call during all operational shifts. The stormwater pollution prevention team is responsible for developing the Plan, implementing the actions required by the Plan, revising the Plan, and taking all necessary corrective actions. The activities and responsibilities of the team must address all aspects of the SWPPP. Each member of the pollution prevention team must have ready access to either an electronic or paper copy of applicable portions of the permit and the SWPPP.

The Pollution Prevention Team identified in the table below is responsible for developing the Plan, implementing the actions required by the Plan, and revising the Plan and making all necessary corrective actions. One team member is present at the Facility or on call during all operational shifts. Each team member has access to a copy of the Plan and the General Permit.

Team Member:	John Weiss
Title:	VP of EHS
Phone:	413-519-5859
Shift (if applicable):	First, On-Call other shifts
Responsibilities:	(Ex: Maintains SWPPP, Oversees Employee Training, etc.) Oversees all aspects of Plan implementation such as: inspections, updates, monitoring, DMR submittals and the employee training program.

Team Member:	Matt Caron
Title:	MRO / EHS Compliance
Phone:	860-510-6646
Shift (if applicable):	First, On-Call other shifts
Responsibilities:	(Ex: Maintains SWPPP, Oversees Employee Training, etc.) Assist Team Leader with the implementation of the program.



Team Member:	Phil Welch
Title:	Environmental Compliance
Phone:	860-794-1108
Shift (if applicable):	First, On-Call other shifts
Responsibilities:	(Ex: Maintains SWPPP, Oversees Employee Training, etc.) Program support and implementation of corrective actions as needed.

Team Member:	Chris Mayne , CHMM - Consultant, GZA GeoEnvironmental, Inc.
Title:	Senior Technical EHS Specialist
Phone:	860-266-3837
Shift (if applicable):	On-call
Responsibilities:	(Ex: Maintains SWPPP, Oversees Employee Training, etc.) Preparation of the SWPPP and program support.

SECTION 3: FACILITY/SITE DESCRIPTION AND CONTACT INFORMATION

3.1 CONTACT INFORMATION/RESPONSIBLE PARTIES

Facility Operator(s):
Name: Colt's Manufacturing Company, LLC
Address: 545 New Park Avenue
City, State, Zip Code: West Hartford, CT 06110
Name: John Weiss
Telephone Number: 413-519-5859
Email address: Jweiss@colt.com



Facility Owners(s) if different than operator:

Name: Same as operator

Site Contact if different than operator:

Name: Same as Operator

SWPPP Contact(s):

SWPPP Contact Name (Primary): John Weiss
--

Telephone Number: 413-519-5859

Email address: Jweiss@colt.com

SWPPP Contact Name (Backup): Matt Caron

Telephone Number: 860-510-6646

Email address: Mcaron@colt.com



3.2 FACILITY/SITE DESCRIPTION

Instructions: The Plan shall be representative of current site conditions and shall address, at a minimum, all the elements below. If an element is not applicable, the Plan shall identify it and explain why it does not apply. The appropriate reference to sections of the IGP is identified for each element. Refer to the IGP for specific details about each element.

This Stormwater Pollution Prevention Plan addresses the operations at the Colt's Manufacturing Company, LLC (Colt) facility located at 545 New Park Avenue in West Hartford, Connecticut (the "Facility"/"Site"). The Stormwater Pollution Prevention Plan (the "SWPPP"/"Plan") has been developed in accordance with the State of Connecticut Department of Energy and Environmental Protection (CTDEEP) National Pollutant Discharge Elimination System (NPDES) General Permit for the Discharge of Stormwater Associated with Industrial Activities ("Industrial General Permit"/General Permit"), effective October 1, 2025¹. This Plan describes the Facility and its operations and identifies potential sources of stormwater pollution at the Facility. Good engineering practices and industry standards have been considered in developing control measures to minimize the potential for discharge of pollutants from the Facility and procedures for the effective implementation of the Industrial General Permit requirements.

As required by subsection 4.3.2.9 of the General Permit, this Plan has been reviewed by an authorized representative of Colt and by a Qualified Professional representing GZA GeoEnvironmental, Inc. (GZA). Additionally, these representatives are responsible for review of the General Permit, all registration information, applicable plans and specifications, and any CTDEEP approvals regarding this SWPPP plan. Certification statements are provided in Section 1. Any significant changes to the Site or to this Plan will require recertification.

This Plan supersedes Colt's previous SWPPP released in November 2020 and is available on Site for review by Facility personnel and representatives of the CTDEEP or the Town of West Hartford municipal stormwater management agency. In accordance with subsection 4.3.1.3 of the General Permit, this Plan will be updated throughout the term of the Facility's permit coverage "with information including, but not limited to, revisions and improvements to the stormwater management program, corrective actions following spills, benchmark exceedances or effluent limit violations, as well as new information and experiences with major storm events as they occur."

The CTDEEP issued the original General Permit for the Discharge of Stormwater Associated with Industrial Activities on October 1, 1992. In May 2011, Colt registered under the General Permit, effective October 1, 2011; coverage was issued under Permit Number GSI000546. A record of registration and coverage are included in **Attachment A**. The General Permit was reissued without modification between 2015 and 2021 and the General Permit issued on October 1, 2021, expired on September 30, 2025. A copy of the new General Permit, effective October 1, 2025 through October 1, 2030 is included in this plan as **Attachment M**.

As an existing permittee, with industrial activity authorized for discharge under the previous general permit (issued on October 1st, 2021), Colt plans to submit a registration under the new Industrial Stormwater General Permit no later than April 1, 2026 (within 180 days after CTDEEP's Issue Date of 10/1/2025). In addition, as required by section 4.2.16.2 of the new General Permit, Colt will also "post a sign of permit coverage at a safe, publicly accessible location in close proximity to the industrial Site that, at a minimum, meets the requirements in section 4.2.16.3 no later than April 1, 2026".

¹ [2025-Industrial-Stormwater-General-Permit.pdf](#)



Facility/Site Name: Colt's Manufacturing Company, LLC	
Street/Location: 545 New Park Avenue	
City: West Hartford	State: CT ZIP Code: 06110
Primary regulated industrial sector and its description: <u>Small Arms Manufacturing</u>	
Primary four-digit Standard Industrial Classification (SIC) code and its description: <u>3484, Small Arms – Sector AA</u>	
Primary six-digit North American Industry Classification System NAICS code and its description: <u>332994, Small Arms Manufacturing</u>	
Co-located Industrial Activity(s) SIC code(s), NAICS code(s), Sector(s) and Subsector(s): <u>None</u>	
Is your facility presently inactive and unstaffed, and are there no industrial materials or activities exposed to stormwater? ☐ Yes ☒ No	
Latitude/Longitude	
Latitude:	Longitude:
-72.7231° N (decimal degrees)	_41.7390 ° W (decimal degrees)

Colt manufactures and tests firearms for law enforcement, military, and private security and is one of the world's leading gun producers. The Facility manufactures firearm components, assembles firearms, and tests their product.

The Facility is located on approximately 21.6 acres. Manufacturing operations at Colt take place in one approximately 240,000-square foot building. The majority of the site area is either paved or developed with buildings and rooftops. Portions of the property consist of associated parking, grassy and landscaped areas. The Facility is bordered to the east by New Park Avenue, to the south by Talcott Road, to the west by the Triumph Engine Control Systems building, and to the north by a commercial shopping plaza (Home Depot, BJ's Wholesale Club, Aldi's Food Market). See **Figure 2**, Facility Site Plan, to view permanent structures and other site features.

A Site Locus identified as **Figure 1** has been prepared on a U.S. Geological Survey (USGS) quadrangle identifying the Facility location and all receiving waters which receive stormwater discharges from the Facility.

As an existing permittee with industrial activity authorized for discharge under the previous general permit (issued on October 1st, 2021), Colt submitted a registration under the new Industrial General Permit (IGP) by the April 1, 2026 registration deadline (within 180 days after CT DEEP's Issue Date of 10/1/2025). A copy of the new General Permit (CTR050000) is included in this plan as **Attachment M**.

In addition, as required by subsection 4.2.16.2 of the new General Permit, Colt has also posted "a sign of permit coverage at a safe, publicly accessible location in close proximity to the industrial Site that, at a minimum, meets the requirements in subsection 4.2.16.3."



3.3 DISCHARGE AREAS

The Facility Drainage Area map (**Figure 2**) shows the drainage areas, direction of flow, disposition of each outfall and impervious surfaces subject to contact with stormwater at the Facility. Facility drainage has been divided into four (4) discrete drainage areas. These drainage areas are discussed below.

MANUFACTURING PARCEL CHARACTERISTIC	SPECIFICATIONS
Total area	21.6 acres (940,896 square feet)
Pervious surface (e.g., grass)	235,224 square feet
Impervious surface (e.g., roof or paved)	705,672 square feet
Percentage of parcel that is pervious	25%
Percentage of parcel that is impervious	75%
Drainage Area 001 (DA-001) (approximate)	219,582 square feet
Drainage Area 002 (DA-002) (approximate)	548,189 square feet
Drainage Area 003 (DA-003) (approximate)	43,281 square feet
Drainage Area 004 (DA-004) (approximate)	129,844 square feet

SAMPLING ID	LATITUDE / LONGITUDE	REPRESENTATIVE AREA	MONITORING DETAIL
SW-1	41.7392, -72.7248	DA-001	Previous manufacturing activities which have since ceased. Sampling point is on Triumph's property.
SW-2	41.7394, -72.7231	DA-001	Representative of industrial activity on the north side of the Facility
SW-3	41.7382, -72.7242	DA-002	Representative of rifle range and material management activities
SW-4	41.7380, -72.7231	DA-002	Representative of rifle range and employee parking

The following tables describe the Facility's stormwater outfalls, approximate size of the drainage areas, and the estimated runoff coefficient (from the National Resource Conservation Service, TR-55 June 1986, *Urban Hydrology for Small Watersheds*) for each drainage area based on the approximate percentage of each area's impervious surface. The annual precipitation data for the most current 30-year period (1991-2020) provided by the U.S. National Oceanic and Atmospheric Administration (NOAA) National Center for Environmental Information (NCEI) indicates that the average annual precipitation information used to calculate the estimated gallons of annual stormwater runoff in each drainage area corresponds with the 30 Year NOAA normal average.



North of Plant Building (DA-001)

Drainage Area 001 includes three quarters of the main production building, and the outdoor storage along the north side of the building. Outdoor storage in this area includes one compactor for general refuse, a 1,000-gallon liquid nitrogen aboveground storage tank (AST), a 1,000-gallon methanol AST, three (3) dust collection systems (bag houses), and several industrial process vents. There are two identified stormwater outfalls (SW-1 and SW-2) that are monitored in drainage area DA-001. Catch basins in DA-001 discharge into an unnamed tributary of Trout Brook located on the western portion of the property immediately west of Colt (currently Triumph Engine Control Systems (Triumph)) before entering Trout Brook. It is assumed that several businesses and residences discharge stormwater into this tributary.

DA-001 CHARACTERISTIC	DETAILS
Area associated with industrial activity (approximate)	219,582 square feet
Runoff coefficient	0.98
Average annual precipitation	42 inches
Estimated annual runoff	5,630,671 gallons per year

South Side of Plant Building - Drainage Area 002 (DA-002)

Drainage Area 002 includes the rifle firing range and one quarter of the main production building, the paved areas on the south side of the property, and the associated outside storage areas. This area also includes the ammunitions building, the hazardous waste storage area, and two loading dock areas. There is one construction dumpster present along the south side of the building. In addition, one roll-off dumpster is present in the drainage area for used wood pallets and one roll-off dumpster for scrap metal. Two roll-off dumpsters for metal chip wastes (under permanent roof cover) are present in the western portions of DA-002. A dust collector is located outside the firing range and there are multiple transformers located in this drainage area. A diesel-fired emergency generator with an attached 200-gallon diesel fuel "belly tank" is also present in this drainage area. Other materials stored in this drainage area include propane cylinder storage, additional military pallets, empty drums, and empty totes. There are two identified stormwater outfalls (SW-3 and SW-4) that are monitored in drainage area DA-002. Catch basins in DA-002 discharge into a tributary of Trout Brook located on the western portion of the property immediately west of Colt (currently Triumph) before entering Trout Brook. Historically, these two catch basins have had issues meeting the benchmark for lead.



DA-002 CHARACTERISTIC	DETAILS
Area associated with industrial activity (approximate)	548,189 square feet
Runoff coefficient	0.98
Average annual precipitation	42 inches
Estimated annual runoff	14,057,035 gallons per year

South Side of Administration Building – Drainage Area (DA-003)

Stormwater runoff from the south side of the Administration Building (office building in eastern portion of Facility) is collected in several catch basins and flows toward the Town of West Hartford's MS4 system. Drainage area DA-003 consists of the paved parking area located south of the Administration Building. No industrial activities occur in this area other than vehicle traffic and employee parking. No catch basins are monitored in this drainage area.

DA-003 CHARACTERISTIC	DETAILS
Area associated with industrial activity (approximate)	43,281 square feet
Runoff coefficient	0.98
Average annual precipitation	42 inches
Estimated annual runoff	1,109,841 gallons per year

Administration Building – Drainage Area (DA-004)

Drainage Area 004 is located to the east of the Main production building and includes the Administration Building and the grassy areas surrounding the Administration building, a concrete pad, and a storage building. The area includes grassy and other pervious surfaces that surround the buildings in this area. This area is also adjacent to the handgun firing range. Several small catch basins are present in this area; however, no catch basins are monitored in this drainage area.

DA-004 CHARACTERISTIC	DETAILS
Area associated with industrial activity (approximate)	129,844 square feet
Runoff coefficient	0.88
Average annual precipitation	42 inches
Estimated annual runoff	2,989,798 gallons per year

The following table (Table 1) describes the Facility's stormwater outfalls, approximate size of the drainage areas, and the estimated runoff coefficient (from the National Resource Conservation Service, TR-55 June



1986, *Urban Hydrology for Small Watersheds*) for each drainage area based on the approximate percentage of each area's impervious surface.

Table 1. Drainage Area Inventory

Drainage Area	Outfall Number	Discharge Location	Approximate Size of Drainage Area ft ²	Estimated Runoff Coefficient
DA-001	SW-1, SW-2	Unnamed Tributary of Trout Brook Tributary	219,582	0.98
DA-002	SW-3, SW-4	Unnamed Tributary of Trout Brook Tributary	548,189	0.98
DA-003	NA	New Park Avenue MS4	43,281	0.98
DA-004	NA	New Park Avenue MS4	129,844	0.88

3.4 WATER QUALITY CLASSIFICATION

Stormwater runoff from the Site discharges indirectly to surface water through the Town of West Haven's Municipal Separate Storm Sewer System (MS4). Drainage areas 001 - 002 which include all the sampling points (SW-1 – SW-4) discharge west of the property to the abutting property (Triumph Corporation) through the subsurface stormwater system. The stormwater discharges through a culvert on Triumph Engine Control Systems' property to an unnamed tributary of Trout Brook. A portion of the Town of West Haven's MS4 discharges into the unnamed tributary before reaching Trout Brook. Drainage areas 003 - 004 discharge to the Town of West Haven's MS4 before ultimately reaching South Branch Park River. The closest navigable waterway is Trout Brook, approximately 2,000 feet south of the manufacturing facility. Because the Facility discharges directly into an unnamed tributary of Trout Brook and into the Town of West Haven's MS4 system, the Facility does not discharge to impaired waters. For the same reason, the Facility does not discharge into High Quality Waters or to tidal wetlands.

Stormwater runoff from the Facility has been evaluated for consistency with the applicable goals and policies set forth in the Connecticut Coastal Management Act Section 22a-92. The Facility is not located within the Coastal Boundary of Connecticut as delineated in Figure 3, which depicts the coastal boundary of Connecticut as defined in the Connecticut Coastal Management Act.

According to the CTDEEP Aquifer Protection Area (APA) maps, West Hartford, the Facility is not located within a designated APA.

According to the State of Connecticut's Commission on Culture & Tourism Historic Preservation & Museum Division and the National Register of Historic Places, there are no state or federal historic places located in the area that would be affected by stormwater run-off from the Facility.

The stormwater runoff has also been evaluated for consistency with the applicable goals and policies set forth in the Connecticut Endangered and Threatened Species Program, Section 22a-306 of the Connecticut General Statutes. The Facility property is not located within a State and/or Federal Listed Species and Significant Natural Community area according to the latest CTDEEP Natural Diversity Database Areas dated December 2025.

The stormwater from the Facility is not discharged to a Publicly Owned Treatment Works (POTW) or entirely to groundwater.



The western/southwestern portions of the Facility are located within Drainage Basin Number 4403-00-01 (Trout Brook) and stormwater from this portion of the Facility discharges to Trout Brook through an unnamed tributary of Trout Brook. Eastern/northeastern portions of the Facility are located within Drainage Basin Number 4400-01 (South Branch of the Park River). Stormwater from the eastern/northeastern portion of the Facility discharges to the Town of West Hartford's municipal separate storm sewer system (MS4).

Based on the CTDEEP Flood Zone Maps, the Facility is not located within a 100-year flood plain area.

Instructions: Permittees must use the Water Quality Classification Maps relevant to the Connecticut Water Quality Standards to determine the class assigned to each surface water and groundwater resource to which they discharge: <https://portal.ct.gov/DEEP/Water/Water-Quality/Water-Quality-Classification-Maps>

Identify the water classification for each surface water in which stormwater discharge from the site reaches:

Drainage Basin Number 4403-00-01 (Trout Brook), Unnamed Tributary of Trout Brook-01, ID CT4403-00_01 – Class A – DA-001 and DA-002

Drainage Basin Number 4400-01 (South Branch of the Park River), Town of West Hartford's MS4 system to the South Branch Park River-02, ID CT4400-01_02 – Class B – DA-003 and DA-004

Does the site discharge within 500 feet of a tidal wetland? ☐ Yes ☒ No

Does the Facility have new or increased discharges to High Quality Waters (*see definition in RCSA 22a-426-1*)? ☐ Yes ☒ No

If yes, you must document compliance with the Connecticut Antidegradation Implementation Policy in the Water Quality Standards, as amended, on or before thirty (30) days prior to the commencement of a new or increased discharge to High Quality Waters from the industrial activity. At a minimum, the permittee shall identify the control measures it will implement to prevent the discharge of the Water Quality Volume to a surface water body.

Does not apply

If yes, which parameters and sample frequency apply?

Does not apply

SECTION 4: MONITORING PROGRAM AND RELEVANT PROCEDURES

Instructions: Describe the monitoring program and sampling data for stormwater discharges at the site, in accordance with the "Monitoring" section of the IGP. Existing permitted facilities must summarize all stormwater discharge sampling data collected at the facility during the previous permit term. The summary



must include a narrative description (and may include data tables/figures) that adequately summarizes the collected sampling data to support identification of potential pollution sources at their facility. New dischargers and new sources must provide a summary of any available stormwater data they may have.

The Permittee must maintain a list of all required monitoring for their facility. This permit has six types of required monitoring:

- Benchmark monitoring
- Additional monitoring
- Effluent limits monitoring
- Aquatic toxicity
- Impaired waters monitoring
- Other monitoring as required by the Commissioner

Monitoring requirements for each sector are listed in the IGP. The permittee may copy the table in their sector-specific monitoring requirements (pursuant to the IGP), adjusting only for any impaired waters monitoring requirements.

According to the General Permit, the Facility must implement a specific facility monitoring program. The program includes the following:

1. Routine monthly visual observations of potential pollutant source and non-stormwater discharges (NSWDs) within each drainage area and NSWDs
2. Semi-annual comprehensive Inspections
3. Quarterly storm event visual observations for evidence of pollution
4. Stormwater sampling and analysis

The Monitoring Program established for stormwater discharges from the Site is detailed in the following sections. In general, Colt conducts both quarterly visual sampling at the sampling points, as well as semi-annual sampling of the required parameters as directed by the General Permit for their sector.

Colt collected semi-annual samples for the general parameter list as required in the previous Industrial Stormwater General Permit. Analytical test results for stormwater discharge samples collected during the previous permit term are summarized in **Attachment E**. The review of past analytical results show that the Facility met the parameter benchmarks for all required parameters at all sampling locations by the end of 2013 except for the metals: Total Copper, Total Zinc, and Total Lead. Sampling point SW-1 had met the four-event average for all metals by the end of 2016. Sampling point SW-2 had met the four-event average for all metals by the middle of 2019. Sampling point SW-3 met the four-event average for Total Copper and Total Zinc by the end of 2017; however, this sampling point continues to monitor for Total Lead. Sampling SW-4 met the four-event average for Total Copper and Total Zinc by the spring of 2015; however, this sampling point continues to monitor for Total Lead. The average Total Lead concentration for SW-3 between 2011 – 2025 was 0.766 mg/L with a maximum concentration of 2.7 mg/L during that period of time. The average Total Lead concentration for SW-4 between 2011-2025 was 0.446 mg/L with a maximum concentration of 1.6 mg/ L during that period of time.

The Facility has tried various control measures to reduce the lead concentration in the stormwater discharge from sampling points SW-3 and SW-4. The Facility has installed downspout filters in 5 downspouts to capture particulates from



the roof discharge near sampling point SW-3. Catch basin filters were installed in both SW-3 and SW-4 basins to filter particulates from the stormwater discharge. A commercial metal absorbent, “Metazorb”, contained absorbent socks were positioned around the SW-3 and SW-4 catch basins as well as at the downspout immediately adjacent to SW-3 to capture lead particulates entering the catch basins. None of the efforts have been successful in reducing the lead concentration in the stormwater discharge to date. The Facility will continue to research and implement control measures to reduce the lead concentration in stormwater at these locations.

Quarterly visual samples for the five-year period prior to the issuance of this Plan revision were assessed by Colt for the following water quality characteristics: Color, Odor, Clarity, Floating Solids, Settled Solids, Foam, Oil Sheen, or Other obvious indicators of stormwater pollution. No indication of pollutants in the stormwater discharge samples collected at Sampling Points SW-1 – SW-4 have been identified. Assessment forms completed each quarter during calendar years 2020 – 2025 are available on-site.

4.1 DISCHARGE POINTS

Information regarding surface drainage areas, stormwater conveyance systems, discharge points, and designated sampling points associated with industrial activities observed by GZA in March 2026 is included in Section 3.0 of this Plan. The designated sampling points described below are shown on **Figure 2**

Instructions: Discharge points must be sequentially numbered (001, 002, 003...010, etc.) and given a descriptor (e.g., Wet Deck Area) in the SWPPP (e.g., 001 Wet Deck Area, 002 Logging Area).				
Location of Discharge Point	Sequential Number & Descriptor	Description of General Industrial Activities in Drainage Area	Description of Control Measures in Drainage Area	Description of Exposed Materials in Drainage Area
West of Plant Building (on Triumph Property)	SW-1, on Triumph Property	Vehicle traffic, roof drainage, and dust particulates are potentially associated with this outfall. Previous facility operations have since been eliminated so no direct sources in this area.	None	Vehicle traffic, roof drainage, dust particulates
North Side of property	SW-2, North Side	Vehicle traffic, roof drainage, dust particulates, liquid nitrogen AST, Methanol AST, process vents, and trash compactor in area.	Dust Collectors, Chemical Delivery procedures, security cameras.	Vehicle traffic, methanol, particulates from process ventilation, dust collection, trash compactor
Southwest corner of rifle firing range	SW-3, Zone 25	Vehicle traffic, dust collector, rifle firing range, waste container transportation and storage	Downspout filters, Catch basin filter for metals.	Lead



South-central area near rifle firing range	SW-4, Parking Lot	Vehicle traffic, rifle firing range, waste container transportation and storage	Catch basin filter for metals. Barricades to prevent vehicles from parking over catch basin.	Lead
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Instructions: For each outfall, the permittee must provide the following information:	
Outfall Identifier:	SW-1
Type(s) of monitoring performed:	Quarterly Visual and Semi-annual sampling for laboratory analyses
Locations where samples are collected:	Cath Basin on Triumph's Property to the West of the Facility
Select the type of conveyance, outfall, or channelized flow:	☐ Pipe ☒ Catch Basin ☐ Swale
	☐ Other: Click or tap here to enter text.
Is the discharge subject to effluent limitation guidelines (ELGs) (see IGP)	☐ Yes ☒ No
To what system or receiving water does your stormwater runoff discharge?	☐ Storm Sewer System (MS4)
If you answer "MS4" or "wetlands", the following questions related to impaired water are not applicable	☐ Wetlands ☒ Waterbody
If selected Separate Storm Sewer System above, name the system:	Click or tap here to enter text.
If applicable, name receiving surface water, watershed, or waterbody (include waterbody ID) for each discharge:	Unnamed tributary of Trout Brook-01, ID CT4403-00_01 – Class A
Is receiving water impaired?	☐ Yes ☒ No
If yes, what is the impairment(s)?	NA



Has a Total Maximum Daily Load (TMDL) been approved for any of the identified pollutants? If yes, please answer the below questions.	☐ Yes	☒ No
If yes, what is the name of the TMDL?	NA	
Identify the pollutant(s) causing the impairment(s):	NA	
Provide sampling frequency for Impairments, if applicable	NA	
Instructions: For each outfall, the permittee must provide the following information:		
Outfall Identifier:	SW-2	
Type(s) of monitoring performed:	Quarterly Visual and Semi-annual sampling for laboratory analyses	
Locations where samples are collected:	Cath Basin on North side of Facility near trash compactor	
Select the type of conveyance, outfall, or channelized flow:	☐ Pipe ☒ Catch Basin ☐ Swale	
	☐ Other: Click or tap here to enter text.	
Is the discharge subject to effluent limitation guidelines (ELGs) (see IGP)	☐ Yes	☒ No
To what system or receiving water does your stormwater runoff discharge?	☐ Storm Sewer System (MS4)	
If you answer "MS4" or "wetlands", the following questions related to impaired water are not applicable	☐ Wetlands ☒ Waterbody	
If selected Separate Storm Sewer System above, name the system:	NA	
If applicable, name receiving surface water, watershed, or waterbody (include waterbody ID) for each discharge:	Unnamed tributary of Trout Brook-01, ID CT4403-00_01 – Class A	
Is receiving water impaired?	☐ Yes	☒ No
If yes, what is the impairment(s)?	NA	



Has a Total Maximum Daily Load (TMDL) been approved for any of the identified pollutants? If yes, please answer the below questions.	☐ Yes	☒ No
If yes, what is the name of the TMDL?	NA	
Identify the pollutant(s) causing the impairment(s):	NA	
Provide sampling frequency for Impairments, if applicable	NA	
Instructions: For each outfall, the permittee must provide the following information:		
Outfall Identifier:	SW-3	
Type(s) of monitoring performed:	Quarterly Visual and Semi-annual sampling for laboratory analyses	
Locations where samples are collected:	Cath Basin at Southwest corner of rifle range	
Select the type of conveyance, outfall, or channelized flow:	☐ Pipe ☒ Catch Basin ☐ Swale	
	☐ Other: Click or tap here to enter text.	
Is the discharge subject to effluent limitation guidelines (ELGs) (see IGP)	☐ Yes	☒ No
To what system or receiving water does your stormwater runoff discharge?	☐ Storm Sewer System (MS4)	
If you answer "MS4" or "wetlands", the following questions related to impaired water are not applicable	☐ Wetlands ☒ Waterbody	
If selected Separate Storm Sewer System above, name the system:	NA	
If applicable, name receiving surface water, watershed, or waterbody (include waterbody ID) for each discharge:	Unnamed tributary of Trout Brook-01, ID CT4403-00_01 – Class A	
Is receiving water impaired?	☐ Yes	☒ No
If yes, what is the impairment(s)?	NA	



Has a Total Maximum Daily Load (TMDL) been approved for any of the identified pollutants? If yes, please answer the below questions.	☐ Yes	☒ No
If yes, what is the name of the TMDL?	NA	
Identify the pollutant(s) causing the impairment(s):	NA	
Provide sampling frequency for Impairments, if applicable	NA	
Instructions: For each outfall, the permittee must provide the following information:		
Outfall Identifier:	SW-4	
Type(s) of monitoring performed:	Quarterly Visual and Semi-annual sampling for laboratory analyses	
Locations where samples are collected:	Cath Basin in South-central parking lot near rifle range	
Select the type of conveyance, outfall, or channelized flow:	☐ Pipe ☒ Catch Basin ☐ Swale	
	☐ Other: Click or tap here to enter text.	
Is the discharge subject to effluent limitation guidelines (ELGs) (see IGP)	☐ Yes	☒ No
To what system or receiving water does your stormwater runoff discharge?	☐ Storm Sewer System (MS4)	
If you answer "MS4" or "wetlands", the following questions related to impaired water are not applicable	☐ Wetlands ☒ Waterbody	
If selected Separate Storm Sewer System above, name the system:	NA	
If applicable, name receiving surface water, watershed, or waterbody (include waterbody ID) for each discharge:	Unnamed tributary of Trout Brook-01, ID CT4403-00_01 – Class A	
Is receiving water impaired?	☐ Yes	☒ No
If yes, what is the impairment(s)?	NA	



Has a Total Maximum Daily Load (TMDL) been approved for any of the identified pollutants? If yes, please answer the below questions.	☐ Yes	☒ No
If yes, what is the name of the TMDL?	NA	
Identify the pollutant(s) causing the impairment(s):	NA	
Provide sampling frequency for Impairments, if applicable	NA	

4.2 CHANGES OR ADDITIONS TO DISCHARGE POINTS

Instructions: Permittees must notify the Commissioner of changes to the number or location of discharge points, either of which may require monitoring to be restarted and/or the SWPPP to be revised in accordance with the IGP.		
List changes below:	Commissioner Notified?	
SW-2 is moved to a catch basin near the trash compactor, 25 ft from previous sampling location as this is the only exposure currently in the area.	☐ Yes	☒ No
SW-4 is moved to a catch basin that is accessible, 15 ft from previous location	☐ Yes	☒ No

4.3 SAMPLE COLLECTION PROCEDURES

The General Permit requires that all samples (both Quarterly Visual monitoring and Benchmark monitoring) be collected from discharges resulting from a storm event that occurs at least 72 hours (three days) after any previous storm event generating a stormwater discharge. To ensure that samples are representative of the industrial activities at Colt, all samples are collected at catch basins designated as Sampling Points SW-1 to SW-4.

Typically, all discharge samples at the Site are taken during the same storm event. If it snows at least once during the period from January 1st to March 31st, or from October 1st to December 31st, at least one quarterly visual assessment sampling event will be scheduled to capture snowmelt discharge, if feasible. Any sample containing snow or ice melt must be identified on the sampling record.

Individual grab samples, collected from each designated stormwater sampling point for all required monitoring, should begin during the first thirty (30) minutes of flow at each sampling location and completed as quickly as possible. The Facility's monitoring program requires that, if it is not possible to collect the sample within the first thirty (30) minutes of a qualifying storm event, the sample should be collected as soon as possible and the documented reason for the delay will be retained as required in Section 3 of this Plan.



The procedure below should be followed for analytical monitoring:

- Obtain from the laboratory the appropriate number, size, and type of sample containers to capture enough volume of stormwater for the analyses required. It is recommended to obtain sample containers with any required chemical preservatives already added.
- Catch samples of stormwater, in free fall, at the sampling point locations.
- Label all samples, as appropriate, and prepare an analytical chain of custody form.
- Samples are to be stored prior to delivery to the certified laboratory, store samples at 4°C (40°F).
- Transport samples to the certified laboratory as soon as possible. (NOTE: Even with chemical or temperature preservation, some samples have only a 36 hour hold time.)

Samples collected for benchmark monitoring are required to be submitted to a State of Connecticut certified laboratory for analysis for parameters specified in the Sector AA monitoring table below. All stormwater samples should be analyzed by an accredited laboratory according to the EPA methods listed in 40 CFR Part 136.

4.4 Exceptions to Assessments

When adverse weather conditions prevent the collection of stormwater discharge samples for visual assessments during any quarter, Colt will schedule the collection of a substitute sample during the next qualifying storm event. The reason for not performing visual assessments during the quarter will be documented on the form provided in **Attachment H**.

4.5 Inability to Collect Samples

If the Facility is unable to collect a stormwater sample for either visual monitoring or analytical testing, the Facility must document the reason in the SWPP Plan for quarterly visual monitoring samples or on the discharge monitoring report (DMR) for analytical testing samples (semi-annual monitoring). The Facility must submit a DMR even if no samples were collected during that time period. The Facility must select the No Data Indicator (NODI) code for "No Discharge" on the DMR to be submitted to the CTDEEP explaining why the sample could not be collected. Conditions which may result in the inability to collect samples, provided as examples in the General Permit, include the following:

- the absence of a 72-hour (3-day) period of dry weather,
- the absence of a rain event that produces a stormwater discharge,
- the timing of a rain event prevents laboratory analysis within the maximum allowed sample hold time,
- the absence of a discharge from a detention or retention basin,
- adverse weather conditions preventing access to a stormwater discharge location such as: extended frozen conditions, local flooding, high winds, or electrical storms.

4.6 SAMPLE COLLECTION RECORDS

For each measurement or sample taken under the Facility's monitoring program, records of the following information are maintained:



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

For each stormwater discharge sample collected, the following information should also be recorded²:

- the sample/discharge point identifier,
- the duration between the storm event you sampled and the end of the previous storm event that resulted in a discharge of stormwater from your site (i.e., a “measurable storm event”),
- the date and duration of the storm event sampled,
- rainfall measurement or estimate (in inches),
- estimate of the total volume of the discharge sampled from the discharge point,
- sample type.

Sample collection records will be retained electronically with laboratory test reports as required in Section 3 of this Plan.

4.7 BENCHMARK MONITORING

Benchmark monitoring is the method used to evaluate the overall effectiveness of the Facility's stormwater control measures in meeting the benchmark thresholds established in the General Permit. The first monitoring period under the new General Permit, effective October 1, 2025, begins on January 1, 2026. If the five-year permit is administratively continued, all monitoring requirements remain in effect at their original (i.e., year 1) frequency for existing permittees.

Benchmark monitoring requirements for Sector AA permittees, specified in Table AA of the General Permit, are provided below. The monitoring, inspection, and reporting schedule provided in **Attachment J** includes the semiannual collection of samples from each of the four (4) discharge points described above for analysis of the parameters listed in the table. The IGP requires that semi-annual monitoring events be separated by at least 30 days.

The two (2) semiannual monitoring periods are:

- January 1st to June 30th; and
- July 1st to December 31st

The benchmark thresholds listed below are not effluent limitations and an exceedance of a threshold is not a permit violation. However, if an exceedance of a benchmark threshold triggers Corrective Actions, failure to take the required measures is a permit violation.

² Industrial Stormwater Monitoring and Sampling Guide, EPA 832-B-09-003, April 2021



Discharge Monitoring Reports (DMRs) are due within 30 days after the end of the monitoring period (i.e., July 30th and January 30th).

The General Permit specifies the laboratory methods which must be used for all testing performed. Benchmark Monitoring is performed according to methods prescribed in Title 40, Code of Federal Regulations (CFR) Part 136, or an approved alternative method.

Sector AA Monitoring Requirements Table

MONITORING TYPE	SCHEDULE / FREQUENCY	DURATION	PARAMETER ^a	THRESHOLD
Benchmark Monitoring	Semiannually	Until Exemption Criteria are Met ^b	Chemical Oxygen Demand (COD)	75 mg/L
			Total Oil and Grease (O&G)	5.0 mg/L
			pH	5.0 - 9.0 s.u.
			Total Suspended Solids (TSS)	90 mg/L
			Total Phosphorus (TP)	0.40 mg/L
			Total Kjeldahl Nitrogen (TKN)	2.30 mg/L
			Nitrate as Nitrogen (NO3-N)	1.10 mg/L
			Total Copper (Cu)	0.059 mg/L
			Total Lead (Pb)	0.076 mg/L
			Total Zinc (Zn)	0.160 mg/L
Additional Monitoring	Not Applicable	No additional monitoring for Sector AA		
Effluent Limits	Not Applicable	No effluent limits for Sector AA		
Aquatic Toxicity	Year 1 of Permit Coverage ^c	One time during the 5-year permit term	LC50 for Daphnia pulex	None
Impaired Waters ^d	Not Applicable	Not Applicable ^f The unnamed tributary of Trout Brook is not listed as an impaired waterbody so no additional impaired waters monitoring is required.		

^a For metal parameters, analyses are for Total Recoverable Metal as defined in 40 CFR 136.

^b The permit provides benchmark exemptions for a maximum of 2 years at a time. An exemption for sample pH cannot be earned until exemptions for all other parameters are met.

^c Aquatic toxicity sampling and testing must be performed in the first year of the permit term, during a regularly scheduled semiannual sample.

^d Refer to the Connecticut DEEP Water Quality Plans and Assessment Map to determine impairment status and relevant Total Maximum Daily Loads (TMDLs) of receiving water.

^e Stormwater runoff from the Site discharges to wetland ponds and the Municipal Separate Storm Sewer System.



4.8 Method of Analysis

The General Permit specifies the laboratory methods which must be used for all testing performed. The monitoring program requires contracted service providers to perform benchmark monitoring according to methods prescribed in Title 40, Code of Federal Regulations (CFR) Part 136, or an approved alternative method.

Note that, for accuracy, analysis of pH (hydrogen ion) within 15 minutes of collection is included in 40 CFR Part 136 Table II: Required Containers, Preservation Techniques, and Holding Times.

A copy of each laboratory test report will be retained electronically with this Plan.

4.9 Data Reporting

The monitoring, inspection, and reporting schedule provided in **Attachment J** requires the submittal of Discharge Monitoring Reports (DMRs) to CT DEEP within 30 days after the end of each monitoring period until exemptions for all monitoring parameters are met. For samples collected from January 1st to June 30th, the DMR is due no later than July 30th. The DMR for samples collected from July 1st to December 31st must be submitted no later than January 30th. A copy of each report, signed by a person described in Section 5.21 of the General Permit, will be retained with records of sampling and analysis with this Plan for a minimum period of five (5) years.

The General Permit takes into consideration both the method detection limits and laboratory reporting levels in determining the test result values to enter on a DMR. Specifically, under subsection 4.5.1.5, "if laboratory data for a given parameter is less than the method detection limit, the permittee may report half the value of the detection limit". "If laboratory data for a given parameter is between the method detection level and the reporting level (i.e., a confirmed detection but below the level that can be reliably quantified), the permittee may report half the value of the reporting level of the analyzing laboratory."

If no discharge occurs during a monitoring period, Colt will enter the appropriate No Data Indicator (NODI) code on the DMR. Once the Facility has qualified for a benchmark monitoring exemption, the appropriate No Data Indicator Code (NODI) will be reported. A list of NODI codes, included as **Appendix L** in the General Permit, is provided in **Attachment F** of this Plan.

Section 4.10 of this Plan provides information on when to discontinue monitoring and data reporting.

Should monitoring data or other information indicate an increased potential for pollutants to be conveyed in stormwater discharge, company policy requires that additional control measures be evaluated.

4.10 Benchmark Monitoring Exemptions

The General Permit provides for temporary benchmark monitoring exemptions for a maximum period of 2 years at a time; permittees are then required to resume routine monitoring as described in Section 4.7 of this Plan.

If the average of four (4) consecutive measurements for a parameter does not exceed the benchmark threshold, a permittee earns the temporary monitoring exemption provided in subsection 4.5.1.5 of the General Permit and can



discontinue monitoring and reporting for that parameter. Monitoring and reporting for all other parameters must continue until the exemption criteria are met and an exemption for sample pH cannot be earned until exemptions for all other parameters are met.

The General Permit also provides for exemptions from benchmark monitoring, impaired waters monitoring, and corrective action “if an exceedance for a benchmark threshold is attributable solely to the presence of that pollutant in run-on entering from off-site. The Permittee must have evidence and analytical data to support such claim.”

The General Permit provides a decision-making flowchart for determining when sampling is complete and Colt can discontinue monitoring and reporting for a Sector AA parameter. A copy is provided in **Attachment F**.

CT DEEP must be notified of the following changes to monitoring frequency by email; refer to the monitoring, inspection, and reporting schedule provided in **Attachment J**:

- All benchmark monitoring requirements have been fulfilled for the permit term.
- All impaired waters monitoring requirements have been fulfilled for the permit term (not applicable to Colt).
- Benchmark monitoring requirements no longer apply due to acceptance by CT DEEP of a Facility's claim that run-on from a neighboring source is the cause of the exceedance.
- Benchmark and/or impaired waters monitoring requirements no longer apply because the Facility is inactive and unstaffed.

If the five-year permit is administratively continued, under Section 4.5 of the General Permit, existing permittees cannot obtain benchmark exemptions during this period.

4.11 Exceedances of Benchmark Thresholds

Exceedance of a benchmark threshold indicates that additional action(s) may be necessary to protect water quality. Corrective actions after a benchmark exceedance occur only if the following are true:

- The average value of four consecutive semiannual samples for a parameter exceeds the benchmark threshold for that parameter; or
- Fewer than four semiannual samples are collected, but a single sample or the sum of samples exceeds the benchmark threshold by more than four times that parameter's threshold (i.e., the measured value is mathematically certain to exceed the four-event average). If benchmarks thresholds are exceeded according to the above criteria, corrective action is required.

4.12 Corrective Action Based on Benchmark Exceedances

Appendix H of the General Permit provides guidance for determining whether a corrective action is needed after a benchmark exceedance. A copy is included in **Attachment F**. **Note that failure to take corrective action measures is a permit violation.**

A summary of conditions triggering corrective actions is also included in Table 9 of the General Permit; for Sector AA permittees a corrective action is triggered when:



- The average value of four consecutive semiannual samples for a parameter exceeds the benchmark threshold for that parameter; or
- Fewer than four semiannual samples are collected, but a single sample or the sum of samples exceeds the benchmark threshold by more than four times that parameter's threshold (i.e., the measured value is mathematically certain to exceed the four-event average).

Subsection 4.6.5 of the General Permit requires that a triggering condition requiring corrective action, listed in Table 9 of the IGP, will be documented and filed in the SWPPP **within 24 hours of discovery**. Should adverse conditions cause a delay, the documentation will be filed as soon as possible and the reason noted.

A schedule for corrective actions is outlined in Section 4.6.1 of the General Permit and levels for Corrective Action Measures (CAMs) are outlined in Section 4.6.2. Specific guidance for benchmark exceedances is noted in Section 4.6.3.1. Appendix G of the General Permit, included in **Attachment L**, summarizes this information.

Company policy requires the documentation of corrective action measures in accordance with the schedule outlined in Section 4.6.1 of the General Permit using the Corrective Action Measure Requirements & Waiver Request form provided. This form may also be submitted to CT DEEP to request:

- an extension to timelines for implementing corrective action measures; or
- a waiver from further corrective action measures and/or monitoring.

Documentation of corrective action measures will be retained as required in Section 1 of this Plan.

4.13 Exception to Corrective Action

Permittees are not required to perform corrective action if an exceedance of a benchmark is "attributable solely to the presence of that pollutant in run-on entering from off-site. Run-on entering from legacy activity or pollution" at the Site is not eligible for exemption. The conditions included in the General Permit which must be met are as follows:

- "The statistical average concentration of the benchmark monitoring results is less than or equal to the pollutant concentration in run-on entering from off-site."
- "This includes changes in pH due to rainfall. In such a case, the permittee may collect rainfall samples at representative locations and submit the data to the Commissioner for review."
- "The permittee documents and maintains with the SWPPP the supporting rationale for concluding that benchmark exceedances are in fact attributable solely to "run-on" entering from off-site, including any supporting rationale, and any data previously collected by them or others."
- "The permittee demonstrates that the diversion of off-site run-on containing these pollutant levels is infeasible through engineering analysis."
- "The permittee notifies the Commissioner of the findings, and the Commissioner issues a written affirmative determination of the permittee's documentation demonstrating that the benchmark exceedances are attributable solely off-site pollutant levels."



4.14 Corrective Action Schedule

Colt follows the corrective action schedule outlined in Section 4.6.1 of the General Permit and Section 4 of the Corrective Action Measure Requirements & Waiver Request form. If a CAM is triggered, the following timeframes apply:

- Immediate Actions (Within 1-2 Days): "All reasonable steps necessary to minimize or prevent the discharge of pollutants until a permanent solution is installed and made operational" will be taken immediately.
- Subsequent Actions (Within 14-60 Days): If additional actions are required, they "will be completed before the next storm event, if possible, and within fourteen (14) calendar days from the time of discovery of the corrective action condition. If it is infeasible to complete the corrective action within fourteen (14) calendar days", the reason for the delay and a schedule for completing the work will be documented.
- Extension (Greater than 60 Days): If the completion of corrective action will not be completed within the 60-day timeframe, the reason for the delay and a schedule for completing the work will be documented. Refer to the Corrective Action Measure Requirements & Waiver Request form included in **Attachment L**.
 - o "Where corrective actions result in changes to any of the controls or procedures documented in this SWPPP, an update is required "within fourteen (14) calendar days of completing corrective action work".
 - o "If a Level 3 CAM is triggered and a structural control measure is needed, the operator may take up to one-hundred and twenty (120) days to install such measures. If installation exceeds one-hundred and twenty (120) days, the permittee must obtain an extension."
- Follow-Up Sampling (An additional 30 calendar days, or until the next qualifying storm event, should none occur within 30 calendar days after implementing a CAM): "For those corrective action triggering conditions that require or recommend follow-up sampling, once sampling results are received, the permittees must report results by email to DEEP.StormwaterIndustrial@ct.gov within 30 days."
 - o Reporting Requirements: "If the follow-up monitoring is within the same semi-annual period (or quarterly period, as applicable) as the initial value, only the maximum measurement taken during that semi-annual monitoring period must be reported as an attachment to the DMR as the value for a given benchmark parameter. If the follow-up monitoring sample is collected in the subsequent semiannual period (or quarterly period, as applicable), the permittee may use the follow-up measurement as the value for that semi-annual period. Only the value reported on the DMR can be used to calculate the four (4) event average for a benchmark threshold parameter. The permittee must also report results of follow-up sampling by email to DEEP.StormwaterIndustrial@ct.gov within thirty (30) days of receipt."
 - o Continuation of Semi-Annual Monitoring: "The permittee must continue to monitor semiannually (or quarterly, if applicable) until the results of the discharge are in compliance with the benchmark threshold 4-event average, or until the Commissioner waives the requirement for additional monitoring."

4.15 TOXICITY TESTING

The Toxicity Testing requirement and frequency for Sector AA permittees, specified in Table AA of the General Permit, is provided in Section 6.3 of this Plan. Samples are collected during a regularly scheduled semi-annual benchmark sampling event during the first year of the permit term. Test results are reported on the semi-annual DMR submission. The General Permit does not provide an exemption for toxicity testing.



The General Permit specifies the laboratory methods which must be used for all testing performed. "Acute toxicity biomonitoring tests shall be conducted according to the procedures specified in Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms, 5th edition (EPA 821-R-02-012). The following specific conditions apply:

- For freshwater discharges, for 48 hours utilizing neonatal *Daphnia pulex* (less than 24 hours old).

The laboratory results will be evaluated according to the EPA's Test of Significant Toxicity to determine if toxicity has occurred. If laboratory test results show that toxicity has occurred, Colt will evaluate stormwater control measures to ensure compliance with the State's Water Quality Standards. The CT DEEP will inform the permittee whether any additional measures are necessary based on the results of aquatic toxicity testing.

4.16 QUARTERLY VISUAL ASSESSMENTS OF WATER QUALITY

Observing stormwater discharge is the method used to identify the presence of potential pollutants. The first monitoring period under the new General Permit, effective October 1, 2025, begins on January 1, 2026, and continues for the entire term of the permit.

The monitoring, inspection, and reporting schedule provided in **Attachment J** includes the quarterly collection of samples from each of the three (3) discharge points described in Section 6.1 above for assessment. The four (4) quarterly monitoring periods run from January 1st to March 31st, April 1st to June 30th, July 1st to September 30th, and October 1st to December 31st.

If the five-year permit is administratively continued, all monitoring requirements remain in effect.

4.16.1 Quarterly Visual Assessment Method

Each stormwater discharge sample collected following procedures included in Section 6.2 will be assessed "in a clean, colorless glass or plastic container" and examined in a well-lit area as soon as possible after collection as required under subsection 4.4.2.3 of the IGP. If it snows at least once over a period of four quarters, at least one assessment sampling event must capture snowmelt discharge, if feasible.

Each sample, collected following the sampling procedures in Section 4.3, will be assessed for the following water quality characteristics:

- Color
- Odor
- Clarity (diminished)
- Floating Solids
- Settled Solids
- Foam
- Oil Sheen
- Other obvious indicators of stormwater pollution

A quarterly visual monitoring form is provided in **Attachment H**.



Should the visual assessment indicate the presence of pollutants in the stormwater discharge, Colt will initiate the corrective action procedures in section 4.6.3.8 of the IGP, as outlined in Section 4.16.2 of this Plan.

4.16.2 Corrective Action for the Quarterly Visual Assessment

The conditions which trigger corrective actions are listed in Table 9 of the General Permit. For Sector AA permittees this includes visual observation of pollution in discharge water, indicated by color, odor, floating solids, settled solids, suspended solids, or foam. **Note that failure to take corrective action measures is a permit violation.**

Company policy requires that a triggering condition requiring corrective action, listed in Table 9 of the IGP, be documented and filed in the SWPPP **within 24 hours of discovery** as required by subsection 4.6.5 of the General Permit. Should adverse conditions cause a delay, the documentation will be filed as soon as possible and the reason noted. The corrective action schedule outlined in Section 4.14 of this Plan will be followed.

Follow-up monitoring is not required under subsection 4.6.3.8 of the General Permit, “but is recommended, especially in cases where a visual assessment shows evidence of pollution in discharge water. If follow-up monitoring is conducted, the timeframe must align with the schedule outlined in subsection 4.6.1.4. Permittees are granted an additional thirty (30) calendar days (or until the next qualifying storm event, should none occur within thirty (30) calendar days) after implementing a CAM to collect the follow-up sample. If a follow-up sample is taken, the permittee must report results by email to DEEP.StormwaterIndustrial@ct.gov within thirty (30) days of receipt.”

Company policy requires the documentation of corrective action measures in accordance with the schedule outlined in Section 4.6.1 of the General Permit using the Corrective Action Measure Requirements & Waiver Request form provided. This form may also be submitted to CT DEEP to request:

- an extension to timelines for implementing corrective action measures; or
- a waiver from further corrective action measures and/or monitoring.

4.17 ANNUAL REPORT

Submission of an Annual Report no later than April 15th after each calendar year is required under section 4.7.3 of the General Permit. The annual reporting requirement is included in the monitoring, inspection, and reporting schedule provided in **Attachment J**. Colt will be required to provide the following information for the calendar year, at a minimum:

- Monitoring Data Summary
- Site Inspection Summary
- Routine and comprehensive facility inspections summary
- Visual Assessment documentation summary
- Corrective Action Summary and the status of any action(s) still outstanding at the time the report is submitted
- Description of any incidents of noncompliance in the past year or currently ongoing
 - o if none, a statement that the permittee is in compliance with the permit



- Other additional information or documentation, if applicable

A copy of each report, signed and certified by a person described in Section 5.21 of the General Permit, will be retained with this Plan for a minimum period of five (5) years.

SECTION 5: SUMMARY OF POTENTIAL POLLUTANT SOURCES

5.1 POTENTIAL POLLUTANT SOURCES FROM INDUSTRIAL ACTIVITIES

This section identifies significant materials associated with industrial activity at the Facility that may be exposed to precipitation / stormwater (and therefore could expose pollutants to stormwater), as well as specific potential sources of pollution and pollutant source areas. Company practices and procedures are intended to minimize the exposure of materials, containers, and equipment at the Site to stormwater. Potential pollutant sources associated with industrial activities at the Site during the three-year period prior to this Plan update are summarized below. Control measures and best management practices for each activity that may be exposed to rainfall or snowmelt are included in Section 6 of this Plan.

5.2 LIST OF INDUSTRIAL ACTIVITIES

Instructions: Identify a list of the industrial activities exposed to stormwater, including but not limited to those found in the IGP.

Vehicle and Equipment Fueling, Maintenance, Cleaning, and Storage:

Vehicle or equipment fueling does not take place at the Site. Company policy prohibits the outdoor cleaning, maintenance (e.g., fluid changes, mechanical repairs), or storage of vehicles or equipment waiting for repair.

Paved areas dedicated to loading/unloading areas or employee and visitor parking are susceptible to minor fuel, motor oil, or antifreeze leaks. Stormwater runoff from these areas may come into contact with these materials and carry pollutants into the catch basins in sheet runoff.

Solid De-Icing Material Storage:

Maintenance of paved areas and landscape care is provided by contracted service providers. De-icing materials, fertilizers, pesticides, or related products are not stored at the Facility in bulk quantities.

Any de-icing material used by Colt to supplement snow and ice control is stored in closed containers to prevent unnecessary exposure to precipitation.

Industrial Materials Storage Areas:



Metal finishing chemicals and additives, and aqueous cleaning products are stored in the Primarily in the Blue Room and Heat Treat Departments of the manufacturing building.

A list of all hazardous chemical products is maintained in the company's Hazard Communication (HazCOM) program. The main chemicals in use include coolants, machining oils, mineral oils, propylene glycol, sodium hydroxide, and various metals including chromium, zinc, and lead (including leaded ammunition).

A summary of petroleum management areas is provided in the Spill Prevention, Control, and Countermeasure (SPCC) Plan which is readily available on-site. The Facility has a series of above ground storage containers and tanks for the operation of the ranges, and a large used oil AST for used oil management. Waste chemicals are containerized or pumped out for waste disposal.

Colt only stores empty drums or totes outdoors. Propane tanks for forklift operations are stored in an outdoor storage locker. All other chemical storage occurs inside the Facility buildings.

State and RCRA-regulated waste materials are stored in a designated hazardous materials storage room, the B3 Storage Shed. These wastes include the waste process chemicals, lead contaminated debris and PPE, and Universal Waste streams. The facility also collects and recycles brass and various scrap steel materials in vendor roll-off dumpsters or drums.

A hydraulic compactor is used for storage of cardboard and another compactor is present for managing trash. Roll-offs or dumpsters may be utilized for material management. The locations of these containers are presented on **Figure 2**.

All dumpster / roll-off drain plugs are secured, and containers are covered between addition of materials to prevent unnecessary exposure to precipitation.

Materials Handling Activities:

The primary loading and unloading areas for raw materials and chemical products are the loading docks at the New Shipping Department. The building structure and Colt handling procedures prevent exposure of materials to rainfall.

Used oils and coolants, and other hazardous waste materials are stored in the B3 Storage Shed. The waste material containers are transported offsite for proper management through the Old Shipping loading dock.

Materials at Colt are stored inside the buildings. Movement of materials within building primarily occurs inside the building by trained forklift operators. Forklifts do operate outside the building, primarily at the B3 waste area, Chip sheds, and ammo bunker. All materials are protected from weather conditions and finished goods are dry materials. A preventive maintenance program is in place for the operation of forklifts and other motorized vehicles.

The Facility has a Spill Prevention, Control, and Countermeasures (SPCC) plan to help manage oils stored at the Facility.

Indoor Manufacturing Activities:



Colt uses hazardous materials in many processes. All of these materials are stored inside the building. Acids, bases, and flammable materials are segregated and stored with compatible chemicals and materials.

Process tanks for metal finishing and aqueous cleaning products are located in the Blue Room and Heat Treat Departments. Chemicals are primarily delivered in 55-gallon drums or 330-gallon totes, mainly through the New Shipping Loading Dock.

Colt operates two firing ranges at the Facility to test the products before they are shipped to customers. This includes the use of leaded ammunition. The Facility has a lead management program to manage the lead generated at the facility through the firing of the leaded ammunition. Lead is a primary pollutant in the stormwater discharges at Colt. Colt has implemented stormwater control measures to capture the lead particulates before it leaves the property. Colt will continue to research methods that limit the export of lead particulates offsite through stormwater.

Oils and coolants are stored in both drums and machine reservoirs. Standard spill prevention and control procedures are in place to limit the opportunity and occurrence of oil spills in the building. It would be unlikely that an oil spill from the equipment or drums /totes in the building would impact stormwater. There is also one 6,500 gallon Used Oil AST inside the Chip Room.

Colt's procedures include employee training to ensure routine inspection and maintenance of process equipment and the proper handling of chemical products.

Any Other Industrial Activity:

There are no floor drains in the Facility that connect to the stormwater sewer system.

A variety of roof equipment, including ventilation units, heater exhaust vents, and vents from chemical processes, machine shop equipment and heat treat ovens are located on the roof area and exterior walls of the Main Building.

Processes at the Facility that generate dust or particulate matter include the machine shop operations (milling, drilling, grinding, and cutting), polishing and tumbling, and firing of weapons in the ranges. These processes are contained within the buildings and could include various metals such as zinc, chromium, copper, and lead. The dust generated from these processes may become deposited on the roof through the general Facility ventilation system or dedicated ventilation systems associated with these processes. Dust collectors are located both inside and outside the Facility.

There is one liquid nitrogen AST and one methanol AST located outside on the north side of the Facility.

The facility has a diesel fueled emergency generator that provides power in emergency situations at the production facility. There may be other associated lube and motor oils associated with this generator operation.

A preventive maintenance program has been implemented to help ensure proper operation of equipment systems. Routine roof inspections performed during the three-year period prior to the issuance of this SWPPP have not indicated any signs of pollutant deposits or discharge to stormwater.

The Facility has several transformers on the Facility property. Two new transformers have been installed onsite. It is not anticipated that these transformers contain PCB oils.



List of Potential Pollutants (or Pollutant Constituents from Industrial Activities)

ACTIVITY	LOCATION	OUTFALL ASSOCIATED WITH RUNOFF	ASSOCIATED POLLUTANTS/ SOURCE	METHOD OF STORAGE / EXPOSURE OF ACTIVITY	CONTROL MEASURES USED TO MINIMIZE EXPOSURE	LOCATION OF CONTROL MEASURES AND TREATMENT DEVICES
Outdoor Storage	North of Plant Building	DA-001 SW-2	Liquid Methanol	1,000-gallon AST/Tank overfill	Personnel stay with delivery truck during fill operation. Catch basin covers applied before delivery starts. Personnel check area after filling operations for spills and leaks	Concrete secondary containment. Spill kits are available in the Facility. Methanol is volatile and will evaporate in the air under ambient air temperatures and pressures.
	North of Plant Building	DA-001 SW-2	Liquid Nitrogen	3,000-gallon AST/ Tank overfill	Personnel stay with delivery truck during fill operation. Catch basin covers applied before delivery starts. Personnel check area after filling operations for spills and leaks	Concrete secondary containment. Spill kits are available in the Facility. Liquid nitrogen will rapidly evaporate in the air under ambient air temperatures and pressures.
	South of Building	DA-002 SW-3	Unimpacted/ Clean Wood Pallets	Pallets stacked and stored outside	Inspection of pallets to assure they are clean	Placing of pallets inside covered roll-off and disposed of regularly. Monthly Visual Inspection



ACTIVITY	LOCATION	OUTFALL ASSOCIATED WITH RUNOFF	ASSOCIATED POLLUTANTS/ SOURCE	METHOD OF STORAGE / EXPOSURE OF ACTIVITY	CONTROL MEASURES USED TO MINIMIZE EXPOSURE	LOCATION OF CONTROL MEASURES AND TREATMENT DEVICES
Loading and Unloading Operations	"Old Receiving" Loading Dock South of Plant Building (western side)	DA-002 SW-3	Route to hazardous materials storage area	Exposure may occur during transfer	Items stored within Facility except during transport. Personnel check area for spills and leaks.	Spill kits are available in the Facility. Routine inspections including monthly stormwater inspections.
	"Shipping/ Receiving Dock" Loading Dock South of Plant Building (eastern side)	DA-002 SW-4	Raw material delivery Finished product, gun parts, coolant, oils, mineral spirits	Materials stored in building in containers packed for shipping. Exposure may occur during transfer between trailer to/from Facility.	Items stored within Facility except during transport. Items received are moved to storage location within building and not stored in loading dock area. Personnel check area for spills and leaks.	Spill kits are available in the Facility. Routine inspections including monthly stormwater inspections.
	North Side Loading Dock	DA-001 SW-2	Large Machine Delivery / Removal	New equipment or outdated equipment can be removed through this loading dock.	This loading dock area is for equipment movement only. No hazardous materials move through this loading dock.	Loading dock area is not commonly used. Routine inspections including monthly stormwater inspections. Spill kit is located inside loading dock area.



ACTIVITY	LOCATION	OUTFALL ASSOCIATED WITH RUNOFF	ASSOCIATED POLLUTANTS/ SOURCE	METHOD OF STORAGE / EXPOSURE OF ACTIVITY	CONTROL MEASURES USED TO MINIMIZE EXPOSURE	LOCATION OF CONTROL MEASURES AND TREATMENT DEVICES
On-Site Waste Disposal Practices	West Side of Plant Building Inside Plant	DA-002 SW-3	Tramp Oil (Oil mixed with cutting fluid)	8,000-gallon AST/ Tank overfill	Personnel present during tank pump-out and check area after pump-out for spills and leaks. Spill pans present in area to catch drips and spills associated with loading / unloading tank. Jersey barriers present to prevent accidental contact with forklifts.	Double-walled AST is located inside Chip Room. Digital volume gauge present. Daily visual check.
	West side of parking area	DA-002 SW-3	Scrap metal	Roll-off dumpster	Cover is kept closed	Monthly Visual Inspection for soundness, oil drips. Spill kit nearby.
	West side of parking area	DA-002 SW-3	Wood Pallets	Enclosed Roll-off dumpster	Door is kept closed	Monthly Visual Inspection for soundness, loose or broken pallets
	North of building	DA-001 SW-2	Cardboard	Enclosed compactor and roll-off	Access to roll-off is from inside building.	Monthly Visual Inspection for soundness, hydraulic leaks. Spill kit nearby.
	North of building	DA-001 SW-2	Solid Waste	Enclosed Trash compactor and roll-off	Access is from inside building.	Monthly Visual Inspection for soundness, hydraulic leaks. Spill kit nearby.
	West of Firing Range	DA-002 SW-3	Hazardous Waste (B3 Area)	55-gallon drums. Release may occur if lids are not properly secured.	Drums are stored in an enclosed area with a roof.	Weekly RCRA inspections. Monthly Visual Inspection for soundness, leaks and spills. Spill kits are available in the waste room.



ACTIVITY	LOCATION	OUTFALL ASSOCIATED WITH RUNOFF	ASSOCIATED POLLUTANTS/ SOURCE	METHOD OF STORAGE / EXPOSURE OF ACTIVITY	CONTROL MEASURES USED TO MINIMIZE EXPOSURE	LOCATION OF CONTROL MEASURES AND TREATMENT DEVICES
Dust or Particulate Generating Processes	West of Firing Range	DA-002 SW-3	Dust Associated with Venting Firing Range (Lead Dust)	HEPA Filter attached to two 55-gallon drums. Exposure may occur if drums are not properly sealed.	Filters. Personnel check for soundness, and dust accumulation outside of drums.	Monthly Visual Inspection for soundness, and dust accumulation outside of drums.
	East (Inside of) Firing Range	DA-002 SW-4	Dust Associated with Venting Firing Range (Lead Dust)	HEPA Filter attached to two 55-gallon drums inside building. Exposure may occur during emptying.	Filters. Personnel check for soundness, and dust accumulation outside of drums.	Monthly Visual Inspection for soundness and dust accumulation outside of drums.
	North and South of Building	ROOF AREA DA-001 and DA-002 SW-2, SW-3, and SW-4	Dust Associated with Venting Cutter/ Grinding Area, Buffing/ Polishing Area, and other Plant Areas	3 Baghouses and associated 55-gallon drums. Exposure may occur if drums are not properly sealed.	Filters. Personnel check for soundness, and dust accumulation outside of drums.	Monthly Visual Inspection for soundness, and dust accumulation outside of drums.



ACTIVITY	LOCATION	OUTFALL ASSOCIATED WITH RUNOFF	ASSOCIATED POLLUTANTS/SOURCE	METHOD OF STORAGE / EXPOSURE OF ACTIVITY	CONTROL MEASURES USED TO MINIMIZE EXPOSURE	LOCATION OF CONTROL MEASURES AND TREATMENT DEVICES
Roof Areas	Roof of manufacturing building	ROOF DRAIN AREA DA-001 SW-2	Emissions from Heat Treatment (Natural Gas, Nitrogen, and Methanol)	Possible dust/residue accumulation on roof and exposure if equipment not functioning properly.	Filters. Personnel inspect roof, equipment, and ducts for dust residue. Verify local exhaust units are working properly.	Ventilation equipment is on a PM schedule, filter changeouts occur on a scheduled PM.
	Roof of manufacturing building	ROOF DRAIN AREA DA-001 SW-2	Emissions from Plating/ Chemical Finishing	Possible dust/residue accumulation on roof and exposure if equipment not functioning properly.	Filters. Personnel inspect roof, equipment, and ducts for dust residue. Verify local exhaust units are working properly.	Ventilation equipment is on a PM schedule, filter changeouts occur on a scheduled PM
	Roof of manufacturing building	ROOF DRAIN AREA DA -002 SW-3 and 4	Emissions from Firing Range Vents (Lead)	Possible dust/residue accumulation on roof and exposure if equipment not functioning properly.	Filters. Personnel inspect roof, equipment, and ducts for dust residue. Verify local exhaust units are working properly.	Ventilation equipment is on a PM schedule, filter changeouts occur on a scheduled PM
	Roof of manufacturing building	ROOF DRAIN AREA DA-001 SW-2	Emissions from Commercial Proof Pit (Lead)	Possible dust/residue accumulation on roof and exposure if equipment not functioning properly.	Filters. Personnel inspect roof, equipment, and ducts for dust residue. Verify local exhaust units are working properly.	Ventilation equipment is on a PM schedule, filter changeouts occur on a scheduled PM
Outdoor Manufacturing or Processing Activities	N/A	N/A	N/A	N/A	N/A	N/A



5.3 UNAUTHORIZED RELEASE OR DISCHARGE

During the three-year period prior to the date of certification of this SWPPP, there have not been any spills, leaks, or other unauthorized release of five (5) gallons or more of petroleum products, or of toxic or hazardous substances which could affect stormwater.

The General Permit defines toxic and hazardous substances as those listed in Connecticut Regulations 22a-430-4 (Appendix B Tables II, III, and V and Appendix D) and 40 CFR 116.4.

This section of the Plan will be updated throughout the term of the Facility's permit coverage should an unauthorized release or discharge occur. At a minimum, information will include:

- the date;
- the location;
- the type and quantity of material;
- the source and reason for the release or discharge; and
- response procedures

5.4 CORRECTIVE ACTION FOR UNAUTHORIZED RELEASE OR DISCHARGE

The conditions which trigger corrective actions, listed in Table 9 of the General Permit, include the unauthorized release or discharge (e.g., "spill, leak, or discharge of non-stormwater not authorized by this or another NPDES permit"). **Note that failure to take corrective action measures is a permit violation.**

Company policy requires that a triggering condition requiring corrective action, listed in Table 9 of the IGP, be documented and filed in the SWPPP **within 24 hours of discovery** as required by subsection 4.6.5 of the General Permit. Additional information which must be documented for any spill or leak, includes:

- the date/time clean-up was completed,
- staff involved in the event,
- all notifications made by Colt,
- and measures taken to prevent the recurrence of a similar event.

Should adverse conditions cause a delay, the documentation will be filed as soon as possible and the reason noted. The corrective action schedule outlined in Section 4.14 of this Plan will be followed.

"Follow-up monitoring is not required, but is recommended, especially in cases where an unauthorized discharge of non-stormwater reaches waters of the state." Under subsection 4.6.3.3 of the General Permit, in the event of any spill, leak, release, or discharge of non-stormwater not authorized by a permit, the event must be reported verbally to CT DEEP as soon as there is knowledge of the event. Reference the SPCC Plan and the Emergency Response - Contingency Plan for additional reporting information.



For any unauthorized release or discharge to waters of the state, subsection 4.6.3.3 of the General Permit requires that a report be submitted to CT DEEP as soon as there is knowledge of the event, following the Notification of Noncompliance link provided in the General Permit.

Company policy requires the documentation of corrective action measures in accordance with the schedule outlined in Section 4.6.1 of the General Permit and use of the Corrective Action Measure Requirements & Waiver Request form provided. This form may also be submitted to CT DEEP to request:

- an extension to timelines for implementing corrective action measures; or
- a waiver from further corrective action measures and/or monitoring.

SECTION 6: STORMWATER CONTROL MEASURES AND RELEVANT PROCEDURES

Current industrial activities which may be exposed to rainfall or snowmelt are summarized below. Control measures and best management practices for each activity are presented in the following sections.

Should the Pollution Prevention Team determine that a control measure is not achieving the intended effect, the control measure will be modified as required under Section 6.13.

This Plan will be revised, as appropriate, to address changes in exposed materials, industrial activities, or control measures.

6.1 GOOD HOUSEKEEPING

Good housekeeping is a key element of a stormwater management program. In order to maintain a good housekeeping program to minimize pollutant discharges from all areas that are exposed to precipitation, Colt will conduct maintenance activities as well as implement long term inspection procedures for structural and nonstructural controls.

The Program Manager or designated Team member inspects daily all outdoor areas associated with industrial activity, stormwater discharge locations, drainage areas, conveyance systems, waste handling/disposal areas, and perimeter areas impacted by off- facility materials or stormwater run-on to determine housekeeping needs. Any identified debris, wastes, and spilled, tracked, or leaked materials will be cleaned and disposed of properly. Good housekeeping practices at Colt will include the following BMPs:

- Any dumpsters, roll-offs, or other large waste containers, are maintained closed, covered, and drain plugs should remain closed.
- Catch basins and detention ponds should be inspected for debris and sediment build-up.
- Paved areas should be swept regularly.
- Small spills should be addressed immediately using the proper response equipment from the spill kit. Spill kits should also be inspected regularly.
- The company vehicle and equipment should be inspected for leaks regularly.
- Chemical storage areas require secondary containment and cover as described in Section 4.2.4 of the permit.



Section 4.2.2.7 of the General Permit requires that: "Facilities that handle pre- production plastic must implement control measures to eliminate discharges of plastic in stormwater. Examples of plastic material required to be addressed as stormwater pollutants include plastic resin pellets, powders, flakes, additives, regrind, scrap, waste, and recycling." All pre-production plastic is stored inside the facility and not subject to stormwater.

Section 4.2.5 of the General Permit requires that: "Dust suppression measures must be employed for activities causing airborne particles." There are no operations at the facility that generate dust outdoors that would impact stormwater. Process ventilation that exhausts to the roof areas could potentially deposit particulates on the roof of Building A that could be mobilized in stormwater. The facility has an in-line roof drain filter to capture particulate matter from the roof stormwater discharge.

Facility grounds, including loading and unloading areas, compactors, dumpsters, outside storage areas, and debris accumulation areas from neighboring businesses on the premises are inspected during routine monthly Facility inspections and any deficiencies noted are corrected in a timely manner.

Facility personnel are trained to address spills immediately. Spill response materials are available at the Facility loading docks, the hazardous waste building, and the chip room.

6.2 MATERIAL HANDLING

Material handling operations involving the movement of goods at the Facility are primarily contained inside the Facility. Daily, forklifts need to go outside to either the ammo bunker, the Chip Sheds, or the B3 waste storage shed. Forklifts are electric or propane and are the sit down, stand-up, or walk behind styles. Forklifts are operated by trained operators and the forklifts are inspected and maintained. Several of the material handling operating procedures are listed below but this is not an exhaustive list:

- The building structure at the loading and unloading docks and company handling procedures prevent exposure of materials to rainfall.
- Materials are moved to their storage location immediately after being offloaded from tractor trailers and not left in the loading dock area to prevent potential spills from existing the building.
- Outdoor storage of materials associated with industrial activity at the Site is prohibited.
- Trained operators ensure that containers are closed and properly positioned on the forklifts prior to transfer.
- Materials and containers are stored in a manner which prevents damage due to improper weight distribution. Manufacturer's instructions are followed for the stacking of any materials or containers.
- Routine off-site shipment schedules for waste materials are followed to maintain available storage space.



6.2.1 LOADING AND UNLOADING OPERATIONS

The Facility has three loading docks, designated: 1) Old Receiving; 2) New Shipping and Receiving; and 3) North Side Loading Dock. Both Old Receiving and the Shipping and Receiving loading docks are located on the southern side of the manufacturing building. Raw material is no longer received through the Old Receiving loading dock; however, the area is the building exit point to access the route to the hazardous materials storage area. Hazardous waste drums are loaded onto waste disposal trucks through the Old Receiving loading dock. Personnel are trained to respond to spills and spill clean-up materials are available. Raw materials and finished products, guns parts, coolant, oil, and mineral spirits are shipped or received through the New Shipping and Receiving area loading dock, located at the southeastern portion of the manufacturing building. Personnel are trained to respond to spills and spill clean-up materials are available. The North Side Loading Dock is used only for the movement of large equipment in and out of the building. All loading docks have spill kits located immediately inside the overhead doors to address any spills or releases that may occur.

Tanker trucks enter through a service gate on the northern side of the manufacturing building and follow the driveway around to position the truck at the product fill ports for the liquid nitrogen and methanol tanks. The delivery truck hoses connect to the applicable fill ports and the tanker truck. Before the unloading procedure begins, the nearby stormwater catch basin is covered to prevent a potential spill from entering the stormwater sewer. The other catch basins in the area are not currently covered during unloading activities. In addition, security personnel remain with the delivery driver during the entire unloading process. Should a release occur, liquid materials would flow onto the surrounding pavement until the material can be contained and/or collected by a third-party spill response contractor. Facility personnel are present during deliveries and spill response materials are available in the Facility as well as the presence of security cameras. However, for large releases, Facility personnel are required to call a third-party spill response contractor.

The 6,500-gallon used oil (tramp oil) storage tank inside the Chip Room is pumped out through the Chip Shed doors by a tanker truck. Site personnel stay with the pump-out contractor for the duration of the tank pump-out. The building would contain a small to moderate spill. If the entire tramp oil tank were to release its contents, used oil would flow out of the building into the outside chip shed and possibly flow onto the pavement outside of the Chip Shed area. There are no catch basins in this area and the oil would pool on the pavement until a spill contractor could collect the material. There is a catch basin (SW-3) near the military range that could be impacted if enough oil was released and a rain event was occurring. This catch basin should be protected from receiving contaminants in a spill situation by using defensive spill response measures to protect the catch basin and prevent oil from entering the catch basin.

Loading/unloading areas and spill response materials are inspected during routine monthly Facility inspections.

6.2.2 ON-SITE WASTE MANAGEMENT PRACTICES

Hazardous wastes are routed through the "Old Receiving" receiving/shipping area and stored in the hazardous waste storage area, to the west of the firing range. The hazardous waste storage area is enclosed with a roof. Only trained personnel handle hazardous wastes at the Facility and hazardous wastes are shipped offsite via licensed and permitted waste haulers. Spill response kits are available inside the waste storage building.



A solid waste compactor/roll-off is located north of the building. This roll-off dumpster is accessed from inside the building. An enclosed roll-off compactor for cardboard materials is located at the Old Shipping area on the south side of the building and is accessed from inside the building. One additional enclosed roll-off dumpster for the collection of wooden shipping pallets is located outside the Old Shipping area on the south side of the building. A covered roll-off dumpster for scrap metal collection is also located in the western portion of the parking area on the south side of the building. Occasionally, a construction dumpster(s) is located in this area as well. A covered roll-off for construction type materials is also located near the New Shipping and Receiving area. The roll-offs/dumpsters are kept covered except during loading and unloading activities.

Tramp oil (unusable oil mixed with cutting fluid) is stored inside the Chip Room in the southwestern corner of the manufacturing building in an 6,500-gallon AST. The AST is double-walled for containment purposes and the building would serve as secondary containment for a percentage of the used oil should a catastrophic failure of the tank occur. The tank is also surrounded by Jersey barriers to prevent accidental damage to the tank by forklifts or other equipment. An overhead bay door is located adjacent to the tramp oil AST; however, a concrete block berm is present on the outside of the overhead bay door to prevent spilled materials from migrating through the bay door and into the environment. In addition, a digital volume gauge is present, and the tank is inspected daily. Trained personnel are present during the tank pump outs and routinely check the area for leaks. Spill kits are available in the immediate vicinity of the Chip Room.

No on-site waste disposal is permitted at the Facility.

6.3 ROOF AREAS

The Facility has industrial process vents located on the roof of the main production building. To minimize contact of stormwater with residue from the process roof vents, the Facility routinely inspected filters on these vents and changes filters as necessary. Stormwater runoff from Facility roof areas is discharged to the ground (asphalt) via roof leaders/downspouts. Several downspouts on the south side of the range near SW-3 have filter units present to attempt to filter the stormwater of particulates to capture any residual lead particles present from roof runoff.

6.4 FLOOR DRAINS

The General Permit does not authorize or allow discharges from interior floor drains to storm sewers or surface waters. There are no known floor drains at the Facility that are connected to the stormwater sewer system. Drains located inside the firing range have been plugged to eliminate the connection to the stormwater sewer system.

6.5 VEHICLE AND EQUIPMENT WASHING

The General Permit does not authorize the discharge of wastewaters from the washing or rinsing of equipment, buildings or vehicles.

No vehicle or equipment washing wastewater is discharged at the Facility.



6.6 SPILLS AND LEAKS

Instructions: Identify a list of spills and leaks of five (5) gallons or more of petroleum products, or of toxic or hazardous substances which could affect stormwater, as listed in section 22a-430-4 (Appendix B Tables II, III and V, and Appendix D) of the Regulations of Connecticut State Agencies, and 40 CFR 116.4, that occurred at the facility after the date of three years prior to the date of certification of the SWPPP. The permittee must also document where potential spills and leaks could occur that could contribute pollutants to stormwater discharges, and the corresponding outfall(s) that would be affected by such spills and leaks.

Note: This permit does not relieve the permittee of the reporting requirements of 40 CFR 110, 40 CFR 117, and 40 CFR 302 relating to spills or other releases of oils or hazardous substances.

Spills or releases of chemicals can occur at the Facility. Spills or releases that could impact stormwater could occur at the loading docks, through the garage bay door of the B3 waste storage shed during a pick up of waste chemicals, or through the Chip Shed during the pump out of the 6,500 gallon used oil tank. The maximum spill of materials during delivery/removal procedures would be 55-gallons at the loading dock and up to 3,000 gallons (size capacity of tanker truck) for the used oil tank pump out. All chemicals are to be immediately moved from the loading dock area to the appropriate storage area. Waste containers are to be kept in a bermed, secured waste storage area. Spill kits are located at the loading dock areas and in the hazardous waste storage area. In addition, the Facility should utilize absorbent booms and catch basin covers to help prevent materials from entering the stormwater system should a spill occur.

The Facility minimizes the potential for leaks and spills through the control measures discussed in this section.

Potential release areas include the materials loading/unloading docks, areas of onsite waste accumulation, dust generation processes, and roof areas. Spill response procedures are included in the Facility SPCC (Spill Prevention, Control and Countermeasure) Plan.

Facility employees are familiar with the potential spill/pollution areas and response procedures if a spill or leak should occur. Employees are also aware of the locations of spill clean-up equipment. Any spills are immediately reported to the Security and/or SWPPP team member(s) and spill response procedures are initiated. Reporting spills and leaks should follow the new spill reporting regulations (March 2022) to determine when a spill should be reported to the CT DEEP. Spills or leaks greater than 5 gallons of any toxic or hazardous substance must be recorded.

Containment

There are two exterior ASTs present at the Facility: the 1,000-gallon liquid methanol AST and the 3,000-gallon liquid nitrogen AST. The tramp oil AST and hazardous waste storage area (a building housing 55-gallon drums) have a permanent roof cover which prevents exposure of these areas to stormwater.



Dumpsters

The Facility dumpsters / roll-offs are inspected during routine monthly Facility inspections to ensure the dumpsters / roll-offs are in sound watertight condition and are provided with a cover to prevent exposure to rainfall. Monthly inspections are documented on the monthly inspection form located in **Appendix G**. Dumpster covers are kept closed when they are not being loaded or unloaded.

Loading Docks

The Facility's three loading dock areas consist of overhead doors with dock seals. Facility personnel are present at every delivery or shipment and are trained to respond to a spill. Spill response equipment is located near each loading dock and is inspected every month.

Should a spill occur, the response and reporting procedures to be undertaken are the following:

1. Immediately Contact Program Manager or Alternate Program Manager

In the event of a spill at the Facility, the Program Manager, or his Alternate, shall be contacted immediately. There will always be one person, either at the Facility or on call (and available to respond to an emergency within an hour), who is responsible for coordinating emergency response measures. This person will have the authority to use all resources necessary to carry out the procedures outlined in this SWPP Plan.

A mobile communication system (i.e., telephone, radio, walkie talkie, or cellular phone) will be available near the storage locations during transfer operations. Delivery trucks that are equipped with a communication system will be considered adequate means for emergency communication.

Name	Title	Phone Number
John Weiss	VP of EHS, Program Manager	Cell: 413-519-5859
Alternates		
Phil Welch	First Shift Officer	Cell: 860-794-1108
David Jadovich	Security	*1666
Christopher Mayne	GZA GeoEnvironmental, Inc	Cell: 860.266.3837

Program Manager Assumes Control

The Program Manager shall be informed of the spill location and severity in order to properly determine the resources and manpower needed. The Program Manager shall remain in control for the duration of the response.



Summons of Outside Support

The Program Manager, or individual directed by the Program Manager, shall make the necessary contact with outside support groups and regulatory agencies.

Large Spills Coordinators

In the event of a spill, the on-call spill contractors for Colt, will be called to control the situation. Contact information for the primary and alternate spill contractors is provided in the Emergency External Contact List provided at the beginning of this Plan.

Regulatory Agencies: DEEP and National Response Center

A spill of ANY QUANTITY to the ground, surface water, sewer, ditch, or culvert, is immediately reportable, by law, to one or more municipal, state, or federal authorities. The Program Manager is responsible for immediate notification of a spill to the proper authorities and agencies (listed below). In addition to the initial telephone contact, a written spill report is also required for the CT DEEP. Emergency phone numbers are in the offices of the Program Manager and Alternates, and posted in several locations around the facility, including the Hazardous Waste Storage Area.

The following information should be provided when contacting outside agencies:

- Identity of the caller
- Contact phone number
- Location of spill
- Type of product spilled
- Quantity spilled
- Extent of actual and/or potential water pollution
- Date and time of spill
- Cause of spill
- Action taken to contain, remove, or otherwise properly mitigate the release

Additional Response Procedures

Program Manager's Responsibility: The Program Manager shall assess possible hazards to human health and/or the environment that may result from a spill/release at the Facility. The Program Manager must consider both direct and indirect effects of a spill/release. He/she must also decide whether an emergency exists with such an episode.

In the event of an emergency, the Program Manager shall assume the following responsibilities:

- a. Immediate Identification and Assessment:** The Program Manager or Alternate shall immediately identify the nature of the emergency, noting the exact source, type, quantity and the extent of the spill.
- b. Immediate Action:** The Program Manager shall perform the following immediate actions:
 - Notify all building occupants.



- Notify Police and Fire Department as appropriate.
 - Notify appropriate emergency teams, if needed. Designate individual to meet the responding fire, police or ambulance service at the appropriate staging area for that building.
 - Notify the local safety officials, Connecticut Department of Energy and Environmental Protection (CT DEEP), and the U.S. Environmental Protection Agency (EPA), if the Program Manager determines that there is an imminent or actual emergency, which can threaten the public health, safety, or welfare of the environment.
- c. Assessment of Release Off-Facility:** If the emergency can threaten human health and/or the environment off-facility, the Program Manager shall:
- Notify local authorities (e.g. Fire Department, Police Department, and Public Health Department) if an evacuation of local areas is advisable.
 - Be available to assist local authorities in making the decision to evacuate the local area.
- d. During an Emergency:** The Program Manager shall take measures to minimize the risk for fires, explosions, or releases or contain these risks from spreading to other storage areas at the Facility. This ensures that the appropriate emergency response personnel can initiate cleanup.
- e. Post Emergency Activities:** After an emergency, the Program Manager shall:
- Supervise cleanup efforts, ensure that the recovered materials are properly stored or disposed.
 - Ensure that all emergency equipment is cleaned and ready for future use.
 - Ensure that no waste that is incompatible with the released material is stored or disposed of in the affected area until cleanup procedures are completed.
 - Notify local authorities and the CT DEEP that cleanup has been completed and emergency equipment has been restored, before resuming activities in the affected areas.
 - Record the time, date, and details of the incident.

Notification Requirements

The following are minimal procedures for notifying the CT DEEP of releases or the threat of release of oil or hazardous substances, which must be reported. Verbal notification to CT DEEP shall consist of the following information to the extent known:

- Name and telephone number of callers
- Location of release/threat of release
- Date and time of incident
- Identity of material involved
- Approximate quantity of substance
- Source of release/threat of release
- Brief description of incident
- Name and phone number of owner or operator
- Name and phone number of contact person
- Measures taken or proposed



- Any information on potential environmental impacts

Specific Response Scenarios for Releases

The Program Manager or his/her Alternate shall be responsible for the proper implementation of the emergency procedures. Emergency procedures for specific types of emergencies are addressed in this section.

Name	Type	Phone Number
Authorities or Agencies		
West Hartford Fire Department	Local Fire Department	911 or 860.523.5263
West Hartford Police Department	Local Police Department	911 or 860.523.5203
Hartford Hospital	Local Hospital with Emergency Service	860.545.5000
Tradebe Environmental Services	Spill Clean Up Contractor	888-276-0887
Clean Harbors Environmental Services, Inc.	Spill Clean Up Contractor	800-645-8265
West Hartford Dept. of Emergency Management	Board of Health	860.561.7911
CTDEEP 24-hour Spill Hotline	State Environmental Agency	860.424.3338 or 1- 866-DEP-SPIL (1.866.337.7745)
National Response Center	Federal Spill Response	800.424.8802
EPA Region 1: Oil Spills/SPCC	Federal Spill Reporting	617.918.1786 or 617.723.8928
EPA Region 1: Customer Call Center	Alternate Federal Spill Reporting Number	888.372.7341

6.7 SEDIMENT AND EROSION CONTROLS

The majority of the property (excluding lawn areas and landscaped parking lot islands) is covered with impervious surfaces (rooftop, pavement). Significant erosion at the property due to stormwater runoff is unlikely. In addition, bituminous curbing around landscaped areas should serve to further control erosion.

Sediment control methods utilized at the Facility include parking lot sweeping, when needed, to minimize the impact of winter sanding operations and curbing around landscaped areas. If applicable, any new area of erosion will be addressed by the Program Manager or designated Team member by re-seeding, placing rock, or other protective ground cover to prevent erosion. Catch basins should be inspected for materials that would prevent the flow of water through the catch basin system such as the buildup of sediment, debris, or trash.



No construction activities are currently proposed at the site. If any construction activities were to occur at the Facility, they must conform to Sections 4.2.9 and 4.3.2.11 of the General Permit and the Connecticut Guidelines for Soil Erosion and Sediment Control.

6.8 PREVENTIVE MAINTENANCE

To minimize the likelihood of leaks, spills, or other releases which may impact stormwater, Colt has implemented a preventive maintenance program for the site's stormwater conveyance system as well as other facility equipment and operational systems that could discharge pollutant(s) to stormwater in the event of a malfunction or failure. The preventative maintenance program includes all control measures implemented to achieve compliance with this permit.

Process-related exhaust systems are included in the preventive maintenance program to help ensure proper operation of equipment systems.

The preventive maintenance program at Colt includes the following:

- Monthly inspections for areas of concern
- Review of previous inspections prior to new inspection
- Maintenance work order (MWO) for any issues needing corrective actions
- A comprehensive semi-annual site inspection with issues addressed through the MWO system and a review with John Weiss.
- Inspecting outdoor equipment at least weekly and promptly repairing and cleaning any observed leaks. Exterior equipment would include the emergency generator, transformers, and electrical switchgear, and the company vehicles.

Preventive maintenance also involves the regular inspection and testing of Facility equipment and operational systems. The compactors should be regularly inspected for hydraulic leaks. These inspections should uncover conditions such as cracks or slow leaks that could cause breakdown or failures that could result in discharges of pollutants with the potential to be exposed to stormwater.

The loading dock areas should be inspected for indicators of leaks/spills and to ensure the weather guards are still intact. Spill kits are present at the loading dock areas. Catch basin cover mats could help protect the stormwater system from contamination should a leak/ spill occur. It is recommended to deploy the catch basin mat covers prior to unloading bulk deliveries. The catch basin mats can also be used to prevent smaller releases from entering the stormwater system.

Documentation of maintenance records and corrective actions will be maintained electronically in the MWO system.



6.8.1 STORMWATER CONVEYANCE SYSTEM

Maintenance of the stormwater conveyance and treatment systems at the site includes the in-line downspout filtration devices, catch basin filter management, and cleanout of the catch basins. Maintenance frequency is determined based on routine inspection observations and findings.

As required under subsection 4.2.10 of the IGP, catch basin cleanout is triggered “when the depth of debris reaches half of the sump depth” and to keep “the debris surface at least six inches below the lowest outlet pipe.” In addition, paved areas are swept in the spring following use of sand for deicing during winter months.

In addition, the preventive maintenance program includes maintenance of all structural control measures at the Site including grading, berms, curbing, and paved areas.

6.8.2 INDUSTRIAL EQUIPMENT AND SYSTEMS

Preventive maintenance to reduce the potential for contamination of stormwater involves the regular inspection and testing of plant equipment and operational systems, including oil-filled equipment. The purpose of these inspections is to identify conditions that could cause failures which result in discharges of materials and chemicals.

The preventive maintenance program includes periodic inspections of and/or testing of containers or equipment that can result in a discharge to the environment, such as:

- any container or equipment which is located outdoors
- drums, tanks, totes, and other storage containers that may be moved/handled outdoors
- powered material handling equipment that is used outdoors
- drums, tanks, totes, and other storage containers that may be handled in close proximity to a door or an overhead door
- production equipment reservoirs and other containers which could migrate toward a door or an overhead door in the event of a release

Appropriate and timely adjustment, repair or replacement of containers or equipment as needed will ensure proper working order.

6.9 VEHICLE OR EQUIPMENT STORAGE, FUELING, CLEANING, AND MAINTENANCE

Based on the Non-stormwater Discharge Evaluation (NSWD) information included in Section 6.14 of this SWPP Plan, Colt policy prohibits any washing or rinsing of equipment, buildings or vehicles without the collection of the washwater for proper disposal. Vehicle and equipment washwater are not covered by the Facility's Pretreatment Permit.

Fueling of company vehicle(s) does not occur on-site.



6.10 MINIMIZING EXPOSURE

Under section 4.2.3 of the General Permit, permittees are required to “minimize the exposure of manufacturing, processing, and material storage areas (including loading and unloading, storage, disposal, cleaning, maintenance, and fueling operations) to rain, run-on stormwater, snow, or snowmelt in order to minimize pollutant discharges.”

No raw materials are stored outside and outdoor manufacturing or processing activities do not occur. The management of exposed materials is addressed in the following section of this SWPP Plan:

Section 6.2: Material Handling

Section 6.3: Roof areas

6.11 MANAGEMENT OF RUNOFF AND RUN-ON

In accordance with Section 4.2.11.4 of the General Permit, Colt policy requires that “Any evaluation, construction, or modification of the design of an engineered stormwater drainage system requires certification by a Professional Engineer. The certification and supporting documentation must be kept in the SWPPP.

Roof drains channel stormwater runoff into stormwater manholes located north and south of the main building. The site topography in the main parking area (DA-002) is gently sloping with a slight grade towards the yard drains. Stormwater in the area adjacent to the hazardous waste storage building either pools, puddles, and evaporates, or surface flows as part of DA-002. Site topography in the rear (north) of the building is gently graded towards yard drains located in the center of drainage area DA-001. Topography in drainage area DA-003 gently slopes towards the catch basins located at the entrance drive. Stormwater in drainage area DA-004 is either channeled into yard drains or infiltrates in the grassy area surrounding the office building. The Facility drainage system in DA-001 and DA-002 directs stormwater to underground pipes which extend beneath the adjacent industrial facility, to a tributary of Trout Brook and ultimately discharges to Trout Brook. Stormwater drainage in DA-003 and DA-004 either infiltrates the ground surface (in lawn areas) and/or discharges via underground piping to the Town of West Hartford's MS4 system on New Park Avenue.

The Site Plan (**Figure 2**) shows the drainage areas, direction of stormwater flow, stormwater sample locations, buildings, storage locations, site structures and pervious and impervious surfaces and general layout of the Facility.

Both SW-3 and SW-4 have been fitted with catch basin filters to attempt to capture particulates in the stormwater to remove associated lead particles. According to the filter manufacturer, a removal rate of up to 50% lead particles can be achieved. However, based on analytical results, the filters have not reduced the lead load in the stormwater in DA-002.

No additional controls are used to manage runoff except for cleaning the catch basin sumps and grates when needed.

6.12 EMPLOYEE TRAINING

Annual training is conducted to provide employees with an understanding of the purpose and objectives of this Plan. Training is managed by the Pollution Prevention Team and required attendance is determined based on review of employee roles and responsibilities. Company policy requires that all employees whose activities may affect stormwater quality and those who are responsible for implementing activities necessary to meet the conditions of this Plan complete



the annual training. New employees receive training within ninety (90) days of employment and work under the direct supervision of a trained employee prior to completion.

Training topics include:

- SWPPP purpose and objectives
- Pollution Prevention Team roles and responsibilities
- Potential pollutant sources and activities
- Schedules and procedures for stormwater control measures
- Schedules and procedures for assessments, inspections, and corrective actions
- Monitoring program requirements and management
- Resilience considerations
- Prohibited (unauthorized) discharges and activities
- Corrective action requirement and procedure

Training may be provided by a qualified Colt employee or a contracted service provider. Training materials and a sign-in sheet are maintained electronically by the Pollution Prevention Team and are included in **Attachment K**. A written record will be maintained in the SWPPP, as required in Section 3 of this Plan.

The General Permit requires that personnel understand the requirements presented in this Plan and their specific responsibilities with respect to those requirements. In addition to the training outlined above, on-the-job training helps ensure that employees understand and properly execute established procedures.

6.13 CORRECTIVE ACTIONS FOR STORMWATER CONTROL MEASURES

The conditions which trigger corrective actions, listed in Table 9 of the General Permit, also include:

- Control Measure Not Stringent Enough to Meet Water Quality Standards (Reference IGP subsection 4.6.3.5)
- Control Measure Never Designed, Installed, Implemented, or Maintained (Reference IGP subsection 4.6.3.6)
- Change in Design, Operation, or Maintenance at a Facility which significantly changes the nature of, or increases the quantity of, pollutants discharged. (Reference IGP subsection 4.6.3.7)

Company policy requires that a triggering condition requiring corrective action, listed in Table 9 of the IGP, be documented and filed in the SWPPP **within 24 hours of discovery** as required by subsection 4.6.5 of the General Permit.

Should adverse conditions cause a delay, the documentation will be filed as soon as possible and the reason noted. The corrective action schedule outlined in Section 4.14 of this Plan will be followed. As noted in Table 9, **failure to take corrective action measures is a permit violation**.

Company policy requires the documentation of corrective action measures in accordance with the schedule outlined in Section 4.6.1 of the General Permit using the Corrective Action Measure Requirements & Waiver Request form provided. This form may also be submitted to CT DEEP to request:

- an extension to timelines for implementing corrective action measures; or a waiver from further corrective action measures and/or monitoring.



6.14 UNAUTHORIZED NON-STORMWATER DISCHARGES EVALUATION

Instructions: Document that you have evaluated for the presence of unauthorized non-stormwater discharges (see the list of authorized non-stormwater discharges under this permit). Also include a non-stormwater discharge certification, signed by a Qualified Professional, as described in the IGP.
Date of Evaluation: 2/3/2026
Description of Evaluation Criteria Used: Dry weather assessment for evidence of non-stormwater discharges in storm drainage system
List of Discharge Points or Onsite Drainage Points Directly Observed During the Evaluation: All sampling points (SW-1 – SW-4) were observed, and all Drainage Areas (D001 – D004) were observed.
List of Actions Taken to Address any Unauthorized Non-Stormwater Discharges: N/A
Other Relevant Documentation Current SWPPP, past SMR data

The General Permit authorizes the following non-stormwater discharges associated with industrial activities, which may occur at the Facility, provided they do not contribute to a violation of water quality standards:

- discharges from emergency/unplanned fire-fighting activities
- landscape irrigation or lawn watering
- uncontaminated condensate from air conditioners, coolers/chillers, and other compressors, and from the outside storage of refrigerated gases or liquids
- uncontaminated ground water or spring water
- uncontaminated ground water from foundation or footing drains
- water sprayed for dust control, in accordance with the conditions of the general permit

Section 4.3.2.4 of the General Permit requires that an evaluation for the presence of any unauthorized non-stormwater discharges be documented. For any unauthorized discharges identified, immediate action must be taken to permit or eliminate those discharges.

Review of stormwater discharges from the Site by Colt and GZA observations during a site evaluation on February 3, 2026, did not identify the presence of unauthorized non-stormwater discharges. The non-stormwater discharge evaluation is summarized above and a certification statement is included in Section 1.3 of this Plan.



SECTION 7: SITE INSPECTIONS, VISUAL ASSESSMENTS, AND RELEVANT PROCEDURES

Routine monthly inspections and semi-annual comprehensive site compliance evaluations may be performed by qualified Colt staff or a contracted service provider. The results of the visual and analytical water quality monitoring included in Section 4 of this Plan during the past year will be reviewed when planning for these inspections and areas of concern will be evaluated.

The following areas and activities will be observed during monthly and semi-annual inspections:

- Potential pollutant sources from industrial activities
- Control measures and relevant procedures
- Any location where an unauthorized release has occurred during the 3-year period prior to the inspection
- Each sampling point
- The presence of non-stormwater discharges which are not authorized
- Other(s) identified during the review of inspections performed over the past year
- Other(s) identified during the review of corrective action documentation

7.1 INSPECTION DOCUMENTATION

Site inspection report forms will include the following information, at a minimum:

- inspection date and time
- printed name(s), signed name(s), title(s), and signature(s) of the inspector(s), noting members of the pollution prevention team
- weather conditions
- a description of any discharges occurring at the time of the inspection
- as required under subsection 4.4.4.2 of the General Permit, observations relating to the following:
 - good housekeeping measures
 - the condition of existing control measures
 - signs of soil erosion at the facility
 - any potential pollutant sources at the site not identified in the SWPPP
 - any discharges from the site not identified in the SWPPP
 - any evidence of pollutants entering the drainage system
 - lack of control measure(s) needed to comply with the permit requirements
 - “the physical condition of and around all outfalls, including: any flow dissipation devices, and evidence of pollutants in discharges and/or the receiving water”
- any actions required based on observations made during the inspection such as:
 - additional control measure(s) which should be evaluated to help ensure compliance,



- o any maintenance, repair, or replacement needs
- any immediate actions taken on the day of the inspection
- the status of any outstanding corrective actions noted on prior inspection reports

In addition to the information above, comprehensive site inspections will include the following activities, as required under subsection 4.4.3.3 of the General Permit:

- “Determine whether structural stormwater management measures, erosion control measures, control measures and other structural pollution prevention measures identified in the SWPPP are implemented and maintained in accordance with best engineering practices, manufacturer’s specifications, and the Connecticut Stormwater Quality Manual.”
- “Inspect the integrity and functionality of stormwater treatment systems (e.g., oil-water separators).”
- “Inspect infiltration practices used in the treatment of stormwater to ensure that they are not causing pollution to ground water.
- Resilience measures: “Inspect the implementation and integrity of structural improvements, enhanced/resilient pollution prevention measures, and other mitigation measures that are intended to minimize impacts from stormwater discharges from major storm events such as hurricanes, storm surge, extreme/heavy precipitation.”
- Review monitoring results to determine if new control measures are required to be implemented in accordance with corrective actions procedures presented in this Plan.
- Review documentation to confirm that the requirements included in Section 3 of this Plan are met.

7.2 ROUTINE VISUAL INSPECTION

One routine visual inspection is documented each month on the report form provided in **Attachment G**. At least once each calendar year, a routine inspection will be conducted when stormwater discharge is occurring at the Site. If a discharge location is not accessible, the General Permit requires that a nearby downstream location be inspected.

The form will be modified, as needed, based on inspection observations and updates to this SWPPP. Records will be retained as required in Section 1.2 of this Plan.

7.3 COMPREHENSIVE SITE COMPLIANCE EVALUATION

Comprehensive Site Compliance Evaluations (CSCEs) conducted semi-annually, during normal facility operating hours and during a rainfall event if possible, are documented on the report form provided in **Attachment I**.

Each requirement addressed in this Plan, and all areas at the Facility covered, are included in the evaluation. The scope of the CSCE includes elements such as: Stormwater Management Systems, Drainage Areas, Impervious Areas, Structural and Non-structural Control Measures, Buildings (and other permanent structures/covers).

In addition, as required under subsection 4.4.3.3 of the IGP, the CSCE includes the following activities:

- “Make a visual inspection of material handling areas, and material storage areas, and other potential sources of



pollution identified in the SWPPP for evidence of, or the potential for, pollutants entering the stormwater drainage system”.

- “Determine whether structural stormwater management measures, erosion control measures, control measures and other structural pollution prevention measures identified in the SWPPP are implemented and maintained in accordance with best engineering practices, manufacturer’s specifications, and the Connecticut Stormwater Quality Manual”.
- “Inspect the integrity and functionality of stormwater treatment systems (e.g., oil-water separators)”.
- “Inspect infiltration practices used in the treatment of stormwater to ensure that they are not causing pollution to ground water”.
- “Inspect the implementation and integrity of structural improvements, enhanced/resilient pollution prevention measures, and other mitigation measures that are intended to minimize impacts from stormwater discharges from major storm events such as hurricanes, storm surge, extreme/heavy precipitation”.
- “Review required documentation in the SWPPP semi-annually”.
- “Review monitoring results to determine if new control measures are required to be implemented in accordance with corrective actions”.

The form will be modified, as needed, based on inspection observations and updates to this SWPPP. Records will be retained as required in Section 1.3 of this Plan.

7.4 CORRECTIVE ACTIONS FOR INSPECTIONS

A corrective action is triggered when any inspection or observation reveals color, odor, floating solids, settled solids, suspended solids, or foam in the stormwater discharge, pursuant to subsection 4.6.3.8 of the General Permit.

7.5 CORRECTIVE ACTIONS FOR INSPECTIONS

Section 8.27.6 of the General Permit requires that in addition to the general inspection requirements, the permittees in Sector AA must also include the following areas in all inspections, at a minimum as applicable:

- raw metal storage areas
- finished product storage areas
- material and chemical storage areas
- spent solvents and chemical storage areas
- recycling areas
- loading and unloading areas
- equipment storage areas
- paint areas



- drainage from roof and vehicle fueling and maintenance areas.

Potential pollutants of concern include chromium, zinc, lubricating oil, solvents, aluminum, oil and grease, methyl ethyl ketone, steel, and related materials.

SECTION 8: RESILIENCE MEASURES

Instructions: Implementing structural improvements, enhanced/resilient pollution prevention measures, and other mitigation measures can help to minimize impacts from stormwater discharges from major storm events such as hurricanes, storm surge, extreme/heavy precipitation, and flood events. If such SCMs are already in place due to existing requirements mandated by other state, local or federal agencies, the permittee should document in their SWPPP a brief description of the controls and a reference to the existing requirement(s). A list of SCMs that may be considered can be found in the IGP.

This subsection requires that the permittee must consider the requirements outlined in the IGP when selecting and designing control measures to minimize pollutant discharges via stormwater. This subsection does not require nor prescribe specific SCMs to be implemented; however, the permittee must document in their SWPPP the considerations made to select and design control measures at their facility to minimize pollutants discharged via stormwater.

Colt believes that the stormwater control measures implemented at the Facility have been effectively minimizing the potential impacts from stormwater discharges resulting from severe weather events. Should conditions change, additional resilience measures will be considered, as required under subsection 4.3.2.8 of the General Permit.



SECTION 9: FUTURE CONSTRUCTION

Instructions: Any construction activity that disturbs greater than one acre must be conducted in accordance with the Construction Stormwater General Permit. All construction activities, regardless of size, shall comply with the 2024 Connecticut Guidelines for Soil Erosion and Sediment Control during construction and the 2024 Connecticut Stormwater Quality Manual for the design and implementation of postconstruction stormwater management measures. In addition, the permittee shall avoid, wherever possible, the use of copper or galvanized roofing or building materials for any new building construction where these materials will be exposed to stormwater. Permittees must notify the Commissioner of changes to the number or location of discharge points, which may require monitoring to be restarted and/or the SWPPP to be revised per the IGP. If significant changes are made to the site or to the SWPPP in accordance with the IGP, the SWPPP must be re-certified. Provide the site's plans for future construction below:

The Facility currently does not have plans for construction at the Site; however, subsection 4.3.2.11 of the General Permit will be referenced in planning any future construction activities to ensure that applicable requirements will be met.

Specifically, all construction activities must comply with the 2024 Connecticut Guidelines for Soil Erosion and Sediment Control during construction and the 2024 Connecticut Stormwater Quality Manual for the design and implementation of post-construction stormwater management measures.

Additionally, all activities that will disturb greater than one acre must be conducted in accordance with the General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities. For new building construction, alternatives to copper or galvanized roofing or building materials will be considered for use where these materials will be exposed to stormwater.

Should future construction activities result in changes to the number or location of discharge points at the Site, Colt will notify CT DEEP, as required, and update the SWPPP for re-certification.



SECTION 10: ADDITIONAL DOCUMENTATION

Instructions: The permittee is also required to keep in the SWPPP the following documentation:

- any other documentation as required in sector-specific requirements in the IGP;
- a copy of the registration submitted to DEEP, along with any correspondence exchanged between the permittee and DEEP specific to coverage under this permit;
- a copy of the Authorization Letter the permittee receives from DEEP assigning a permit number (this letter will be sent by email after the NOI is approved);
- documentation regarding Coastal Consistency Review (if applicable during registration);
- documentation regarding Natural Diversity Data Base (if applicable during registration);
- documentation regarding Conservation or Preservation Restriction Information (if applicable during registration);
- any other documentation regarding corrective action as required by the IGP; and
- a copy of the permit (an electronic copy easily available to SWPPP personnel is also acceptable)

Some of the following documentation is not required to be submitted during registration. Each document section outlines whether it is required for registration or if it is required only when applicable.



March 2026
Colt's Manufacturing Company, LLC
Stormwater Pollution Prevention Plan

ATTACHMENT A – GENERAL PERMIT NOTICES OF INTENT AND COVERAGE



Appendix B Registration Certification

Certification Requirement for Registration

As part of your registration for coverage under this general permit, you (the registrant) and any other individual(s) primarily responsible for preparing the registration must submit a written certification to the Commissioner.

- This certification must, at a minimum, comply with the official certification statement below.
- The language of the certification may not be altered in any way.
- A copy of this certification, along with any supporting documentation, must also be included in the Stormwater Pollution Prevention Plan (SWPPP) and kept on site.

Certification: I hereby certify that I am making this certification in connection with a registration under the General Permit for the Discharge of Stormwater Associated with Industrial Activity, submitted to the Commissioner by Colt's Manufacturing Co., LLC, for an activity located at 545 New Park Avenue, West Hartford, CT, and that all terms and conditions of the general permit are being met for all discharges which have been created, initiated or maintained and such activity is eligible for authorization under such permit. I further certify that a system is in place to ensure that all terms and conditions of this general permit will continue to be met for all discharges authorized by this general permit at the site.

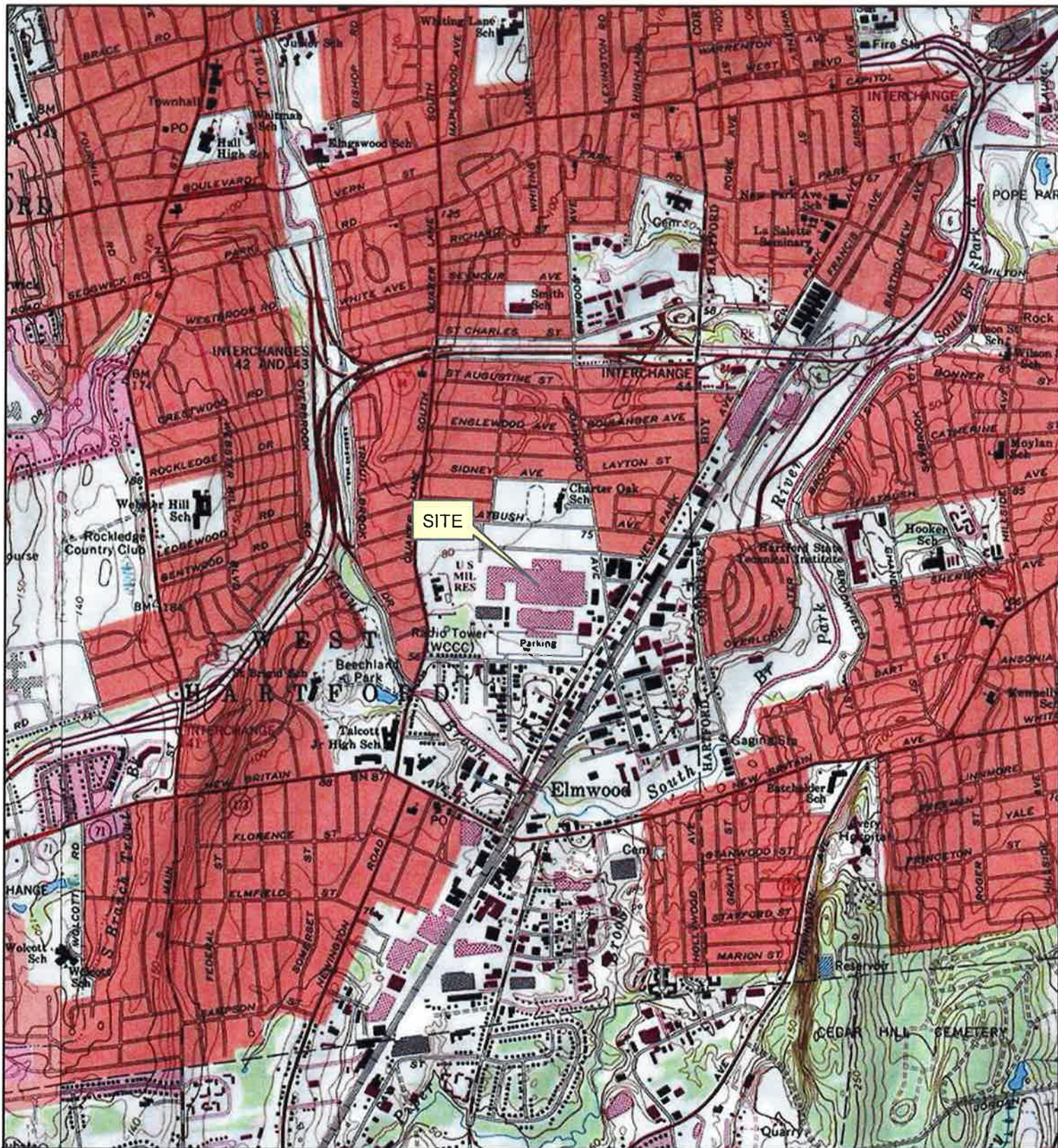
I certify that I have personally examined and am familiar with the information that provides the basis for this certification, including but not limited to all information described in Section 2.2.16.1 of such general permit, and I certify, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining such information, that the information upon which this certification is based is true, accurate and complete to the best of my knowledge and belief. I certify that I have made an affirmative determination in accordance with Section 2.2.16.2 of this general permit.

I understand that the registration filed in connection with such general permit is submitted in accordance with and shall comply with the requirements of Section 22a-430b of Regs. Conn. State Agencies. I also understand that knowingly making any false statement made 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 Regs. Conn. State Agencies and any other applicable law.

Certifier Name:	John Weiss	Certifier Title:	VP of EHS
Certifier Signature:		Date:	March 24, 2026
Site/Facility Name and Address:	Colt's Manufacturing Company, LLC 545 New Park Avenue West Hartford, CT 06110	General Permit No.:	GS1000546



ATTACHMENT B –SITE LOCATION FIGURE



GZA GeoEnvironmental, Inc.
Engineers and Scientists
120 Mountain Avenue
Bloomfield, Connecticut 06002
(860) 286-8900

USGS 7.5 MINUTE
QUADRANGLE BASE MAP:
HARTFORD SOUTH, CONNECTICUT
1987

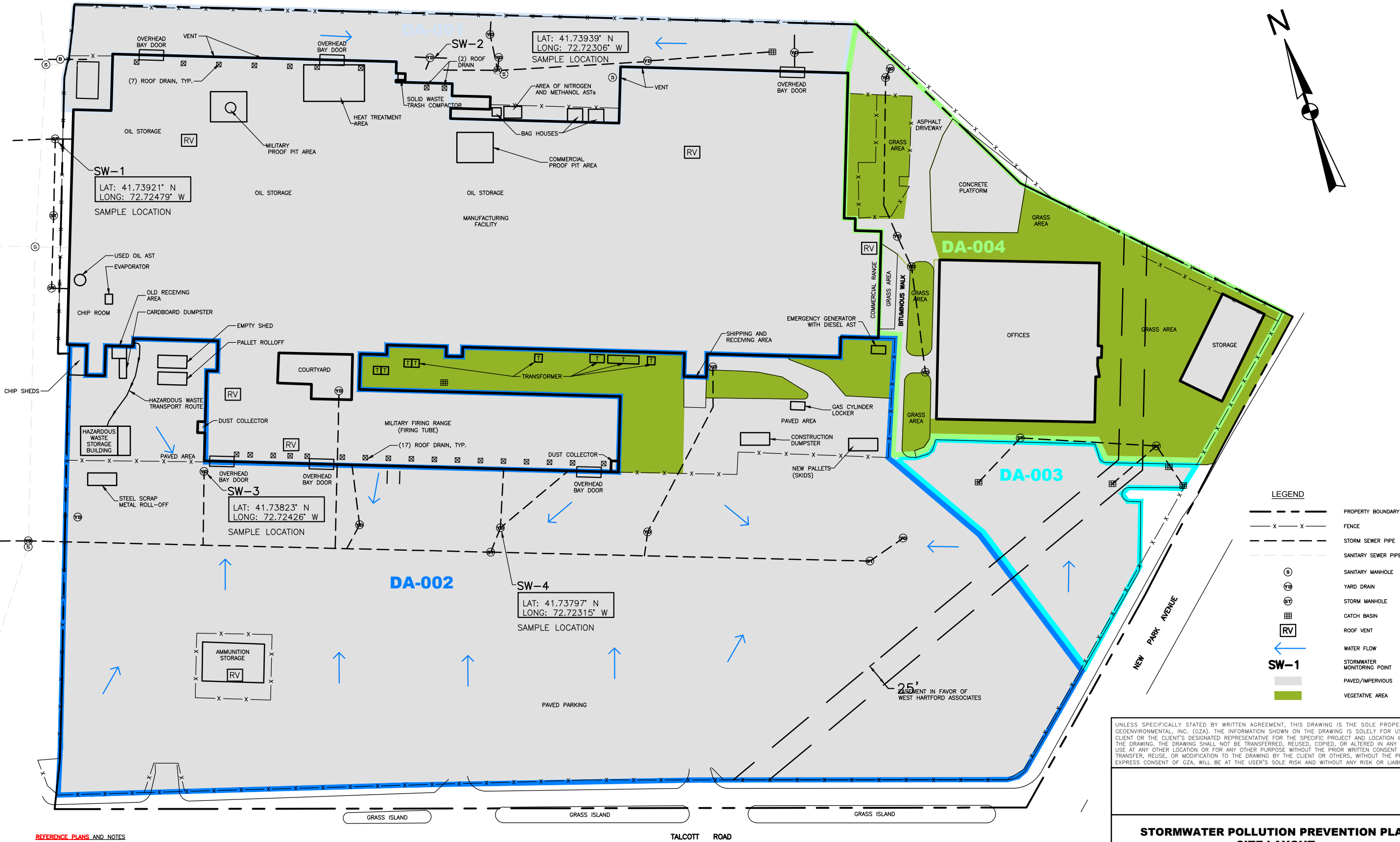
SITE LOCUS		
545 NEW PARK AVENUE WEST HARTFORD, CONNECTICUT		
PROJ MGR: JCS	REVIEWED BY: JCS	PROJECT NO. 05.0043513.00
DESIGNED BY: JER	DRAWN BY: MJS	DATE: 05-20-11
THIS MAP HAS BEEN COMPILED FROM OTHER MAPS AND/OR SOURCES OF INFORMATION. THIS MAP SHOULD NOT BE CONSTRUED AS A PROPERTY SURVEY, NOR USED FOR CONSTRUCTION PURPOSES.		
Scale in Feet		

FIGURE
1



March 2026
Colt's Manufacturing Company, LLC
Stormwater Pollution Prevention Plan

ATTACHMENT C – SITE LAYOUT FIGURE



REFERENCE PLANS AND NOTES

1. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF VARIOUS STORMWATER POLLUTION PREVENTION FEATURES IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY.
2. FEATURE SYMBOLS ARE FOR GRAPHICAL PURPOSES ONLY AND DO NOT IMPLY SIZE, DIMENSIONS, ORIENTATION, ALIGNMENT, OR ANY OTHER MEASUREMENTS. ALL FEATURE LOCATIONS ARE APPROXIMATE.
3. PROPERTY SURVEY, PROPERTY OF COLTEC INDUSTRIES, INC., NEW PARK AVENUE, TALCOTT ROAD, QUAKER LANE SOUTH & FLATBUSH AVENUE, WEST HARTFORD, CONNECTICUT, DATED MARCH 21, 2005, SCALE: 1"=60', REVISED TO JUNE 24, 2005 BY ALFORD ASSOCIATES, INC.
4. PRELIMINARY SITE PLAN, COLT'S MANUFACTURING CO., 545 NEW PARK AVENUE, WEST HARTFORD, CONNECTICUT, DATED AUGUST 17, 1999, SCALE: 1"=50', REVISED ON NOVEMBER 6, 2000 BY CONSULTING ENVIRONMENTAL ENGINEERS, INC.
5. GZA FIELD SKETCH DATED 5/23/2011.

UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

**STORMWATER POLLUTION PREVENTION PLAN
SITE LAYOUT**

PREPARED BY:
GZA GeoEnvironmental, Inc.
Engineers and Scientists
www.gza.com

PREPARED FOR:
**545 NEW PARK AVENUE, WEST
HARTFORD, CT**

PROJ MGR: CM
DESIGNED BY: CM
DATE: 2-2-2026

REVIEWED BY: DJR
DRAWN BY: MJS
PROJECT NO. 05.0046655.00

CHECKED BY: CM
SCALE: 1" = 100'
REVISION NO.

FIGURE
2
SHEET NO.



ATTACHMENT D – POLLUTION PREVENTION TEAM ROLES AND RESPONSIBILITIES

Colt's Manufacturing Company, Inc.

POLLUTION PREVENTION TEAM (PPT) MEMBERS		
Member	Title	Responsibilities
John Weiss	PPT Leader VP of EHS Manager C: (413) 519-5859	• Responsible for review of the General Permit, all registration information, CT DEEP notices or requests, and applicable plans and specifications. • Signs the Certification statement included in Section 1 of the SWPPP • Point of contact for regulatory authorities • Provides the resources required to fully implement the SWPPP Plan • Assigns responsibilities for stormwater control measures • Reviews inspection reports and Stormwater Monitoring Reports • Manages evaluation of Non-stormwater discharges • Leads the evaluation of resilience measures • Manages SWPPP implementation and execution • Ensures that the SWPPP is updated throughout the term of the Facility's permit coverage • Evaluates industrial activities and potential for discharge of pollutants • Executes control measures presented in the SWPPP, including employee training • Evaluates the effectiveness of stormwater control measures • Manages site assessments and inspections • Manages the Monitoring Program • Manages record retention • Assists with the evaluation of resilience measures • Executes the corrective action process, as required • Assists with routine audit of program effectiveness and conformance to all SWPPP requirements • Coordinates record retention requirements • Arranges for routine audit of program effectiveness and conformance to all SWPPP requirements
ALTERNATE PPT LEADERS		
Matt Caron	Alternate Team Leader EHS Manager C: (860) 510-6646	• Serves as Alternate Team Leader • Completes SWPPP training, as assigned • Executes the corrective action process, as required • Implements and executes SWPPP elements as assigned, including: preventive maintenance program, good housekeeping activities, physical pollution controls, and outdoor waste container management

Colt's Manufacturing Company, Inc.

		• Conducts facility inspections • Supervises oil and chemical handling, including proper storage of delivered oil and chemical liquids. • Liaison between workers and management to report spills, leaks, or other possible stormwater contamination
Phil Welch	First Shift Officer C: (860) 794-1108	• Completes SWPPP training, as assigned • Executes the corrective action process, as required • Implements and executes SWPPP elements as assigned, including: preventive maintenance program, good housekeeping activities, physical pollution controls, and outdoor waste container management • Conducts facility inspections • Supervises oil and chemical handling, including proper storage of delivered oil and chemical liquids. • Liaison between workers and management to report spills, leaks, or other possible stormwater contamination
Chris Maynw	Off-site Consultant GZA GeoEnvironmental , Inc. C: 860-266-3837	▪ Preparation of SWPPP and Registration Materials ▪ Program Support



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Colt's Manufacturing Company, LLC
Stormwater Pollution Prevention Plan

ATTACHMENT E – MONITORING PROGRAM DOCUMENTATION

SW-1
SW-1

SW-1	11/10/2011 5/1/2012 12/10/2012 5/8/2013 12/23/2013 7/4/2014 10/22/2014 4/20/2015 11/11/2015 4/12/2016 11/15/2016 5/15/2017 11/16/2017 6/24/2018 10/11/2018 5/28/2019 10/7/2019 6/27/2020 3/18/2021 9/22/2021 3/24/2022 8/26/2022 3/25/2023 8/30/2023 3/23/2024 9/7/2024 3/16/2025 7/31/2025																													
	Oil & Grease																													
	pH																													
	COD																													
	TSS																													
	TP																													
	TKN																													
	Nitrate																													
	T Copper																													
	T Zinc																													
T Lead																														
Aquatic Tox																														
SW-2	11/10/2011 5/1/2012 12/10/2012 5/8/2013 12/23/2013 7/4/2014 10/22/2014 4/20/2015 11/11/2015 4/12/2016 11/15/2016 5/15/2017 11/16/2017 6/24/2018 10/11/2018 5/28/2019 10/7/2019 6/27/2020 3/18/2021 9/22/2021 3/24/2022 8/26/2022 3/25/2023 8/30/2023 3/23/2024 9/7/2024 3/16/2025 7/31/2025																													
	Oil & Grease																													
	pH																													
	COD																													
	TSS																													
	TP																													
	TKN																													
	Nitrate																													
	T Copper																													
	T Zinc																													
T Lead																														
Aquatic Tox																														
SW-3	11/10/2011 5/1/2012 12/10/2012 5/8/2013 12/23/2013 7/4/2014 10/22/2014 4/20/2015 11/11/2015 4/12/2016 11/15/2016 5/15/2017 11/16/2017 6/24/2018 10/11/2018 5/28/2019 10/7/2019 6/27/2020 3/18/2021 9/22/2021 3/24/2022 8/26/2022 3/25/2023 8/30/2023 3/23/2024 9/7/2024 3/16/2025 7/31/2025																													
	Oil & Grease																													
	pH																													
	COD																													
	TSS																													
	TP																													
	TKN																													
	Nitrate																													
	T Copper																													
	T Zinc																													
T Lead																														
Aquatic Tox																														

SW-4	11/10/2011	5/1/2012	12/10/2012	5/8/2013	12/23/2013	7/4/2014	10/22/2014	4/20/2015	11/11/2015	4/12/2016	11/15/2016	5/15/2017	11/16/2017	6/24/2018	10/11/2018	5/28/2019	10/7/2019	6/27/2020	3/18/2021	9/22/2021	3/24/2022	8/26/2022	3/25/2023	8/30/2023	3/23/2024	9/7/2024	3/16/2025	7/31/2025
Oil & Grease	4.3	3.8	2.5	2.8	4																							
pH	7.1	7.44	7.03	6.43	6.92																							
COD	78.2	74.6	13.8	106.1	87.9																							
TSS	170	66.5	18.5	82	180																							
TP	0.26	0.27	0.46	0.26	0.34																							
TKN	1.59	2.24	0.32	2.27	1.99																							
Nitrate	0.27	0.93	0.27	0.43	0.25																							
T Copper	0.18	0.21	0.02	0.18	0.15	0.03	0.04																					
T Zinc	0.2	0.19	0.04	0.17	0.4	0.05	0.13																					
Total Lead	1.62	1.02	0.13	0.64	0.88	0.37	0.52	0.306	0.914	0.586	0.78	0.511	0.894	0.237	0.09	0.12	0.23	0.385	0.982	0.434	0.166	0.169	0.024	0.105	0.19	0.78	0.042	0.355



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Stormwater Pollution Prevention Plan

ATTACHMENT F – SECTOR-SPECIFIC MONITORING FORM



General Permit for the Discharge of Stormwater Associated with Industrial Activity

Stormwater Monitoring Report

Sector AA – Fabricated Metal Products

Facility Information

Permittee Name: _____	Site Name: _____
Mailing Address: _____	
Contact Person: _____	Title: _____
Business Phone: _____	EXT: _____ Email: _____
Site Address: _____	
Receiving Water Body: _____	Permit #: _____
Primary SIC: _____	NAICS: _____
Discharges into an Impaired Waterbody: Yes ☐ No ☐ (If yes, complete the table on page 3)	

Sample Information

Sample Location: _____	Person Collecting Sample: _____
Date/Time Collected: _____	Date of Previous Storm Event: _____
This report is for samples required: Annually ☐ Semi-Annually ☐ Other ☐	
Check here if the sample contains snow or ice melt: ☐	
Check here if a benchmark exceedance is solely due to background or off-site sources: ☐	

Additional Information

Reminder: Paper Discharge Monitoring Reports (DMRs) may be used to submit monitoring results only until the Commissioner issues a Notice of Coverage to the permittee. After the Notice of Coverage is issued, all monitoring results must be submitted electronically through NetDMR, EPA's online DMR reporting system. The tables below are formatted to closely match the layout used in NetDMR to help facilitate the transition to electronic reporting.
--



Sector AA – Monitoring Table

PARAMETER		QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	VALUE	UNITS			
Chemical Oxygen Demand 81017	SAMPLE MEASUREMENT	*****	*****					
	PERMIT REQUIREMENT	*****	*****	75	mg/L		Semiannual	Grab
Total Oil and Grease 00556	SAMPLE MEASUREMENT	*****	*****					
	PERMIT REQUIREMENT	*****	*****	5.0	mg/L		Semiannual	Grab
pH 00400	SAMPLE MEASUREMENT		*****					
	PERMIT REQUIREMENT	5.0 INST MIN	*****	9.0 INST MAX	mg/L		Semiannual	Grab
Solids, total suspended 00530	SAMPLE MEASUREMENT	*****	*****					
	PERMIT REQUIREMENT	*****	*****	90	mg/L		Semiannual	Grab
Total Phosphorus (TP) 00665	SAMPLE MEASUREMENT	*****	*****					
	PERMIT REQUIREMENT	*****	*****	0.40	mg/L		Semiannual	Grab
Total Kjeldahl Nitrogen (TKN) 00625	SAMPLE MEASUREMENT	*****	*****					
	PERMIT REQUIREMENT	*****	*****	2.30	mg/L		Semiannual	Grab
Nitrate as Nitrogen (NO ₃ - N) 00620	SAMPLE MEASUREMENT	*****	*****					
	PERMIT REQUIREMENT	*****	*****	1.10	mg/L		Semiannual	Grab
Total Copper (Cu) 01042	SAMPLE MEASUREMENT	*****	*****					
	PERMIT REQUIREMENT	*****	*****	0.059	mg/L		Semiannual	Grab
Total Lead (Pb) 01051	SAMPLE MEASUREMENT	*****	*****					
	PERMIT REQUIREMENT	*****	*****	0.076	mg/L		Semiannual	Grab
Total Zinc (Zn) 01092	SAMPLE MEASUREMENT	*****	*****					
	PERMIT REQUIREMENT	*****	*****	0.160	mg/L		Semiannual	Grab
Total Aluminum (Zn) 01105	SAMPLE MEASUREMENT	*****	*****					
	PERMIT REQUIREMENT	*****	*****	0.75	mg/L		Semiannual	Grab



Sector AA – Impaired Water Monitoring

Parameter	Frequency	Results (Units)	Test Method	Laboratory Name



Statement of Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, 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."

Signature of Permittee

Date

Name of Permittee

Date

Signature of Preparer

Date

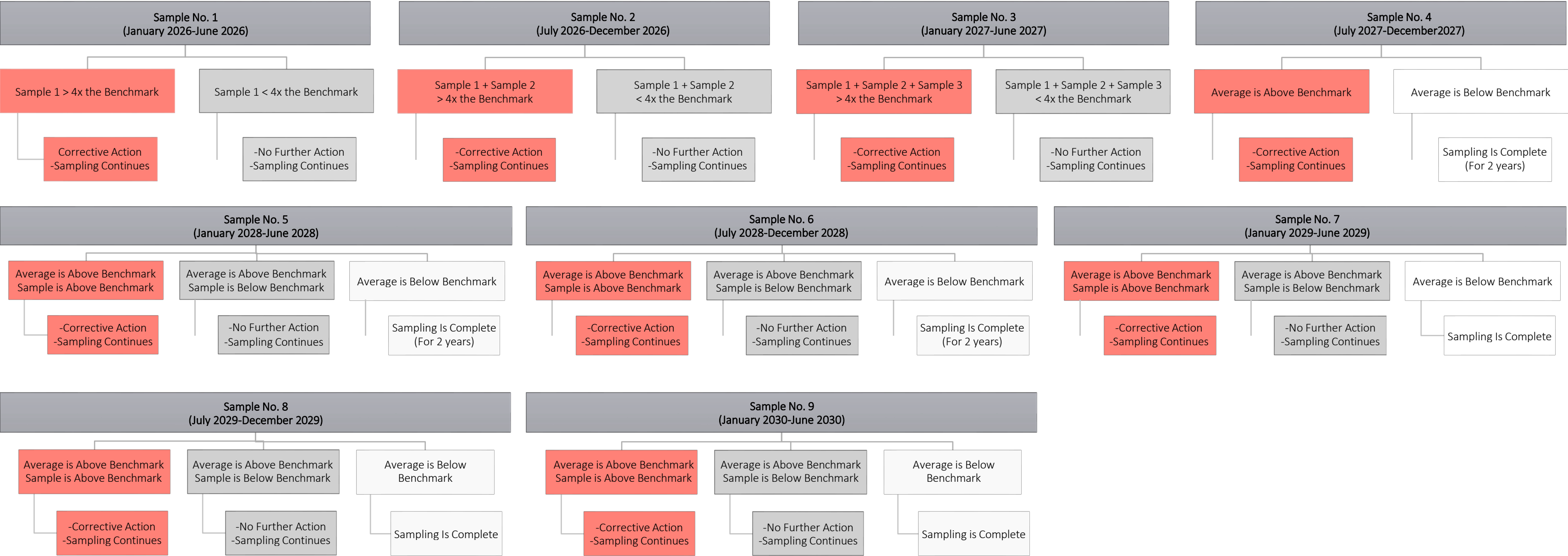
Name of Preparer

Date

Please email all completed forms to:

Deep.StormwaterIndustrial@ct.gov

Appendix H Guidance for Semi-annual Benchmark Monitoring and Corrective Action



NPDES General Permit for the Discharge of Stormwater Associated with Industrial Activities

Appendix L DMR No Data Indicator Codes

Purposes:

No Data Indicator Codes (NODI) codes are used on Discharge Monitoring Reports (DMRs) to explain why a specific data value or the DMR cannot be submitted for a given parameter or period. These codes must be used by facilities with NPDES permits to indicate various reasons for missing data, such as operational issues, weather conditions, or sampling failures. Permittees must use the appropriate NODI code on the DMR from the list below.

<u>NODI Code</u>	<u>NODI Code Description</u>
1	Wrong Flow
2	Operation Shutdown
3	Special Report Attached
4	Discharge to Lagoon/Groundwater
5	Frozen Conditions
6	State-specific No Data Indicator – Invalid
7	No Influent
8	Other (See Comments)
9	Conditional Monitoring - Not Required This Period
A	General Permit Exemption
B	Below Detection Limit/No Detection
C	No Discharge
D	Lost Sample/Data Not Available
E	Failed to Sample/Required Analysis Not Conducted
F	Insufficient Flow for Sampling
G	Sampling Equipment Failure
H	Invalid Test
I	Land Applied
J	Recycled - Water-Closed System
K	Natural Disaster
L	DMR Received but not Entered
M	Laboratory Error
N	Not Constructed
P	Laboratory Error or Invalid Test
Q	Not Quantifiable
R	Administratively Resolved
S	Fire Conditions
T	Environmental Conditions - Monitoring Not Possible
V	Weather Related
W	Dry Lysimeter/Well
X	Parameter/Value Not Reported
Y	State-specific No Data Indicator – Valid



March 2026
Colt's Manufacturing Company, LLC
Stormwater Pollution Prevention Plan

ATTACHMENT G – ROUTINE INSPECTION FORM

MONTHLY STORMWATER INSPECTION
COLT'S MANUFACTURING COMPANY, LLC
545 New Park Avenue, West Hartford, CT

Inspection Date: _____

Time: _____

Inspector (Print Full Name): _____

Title: _____

Weather Conditions: _____

Area Inspected	Yes	No	If No Describe	Follow Up Actions and Date Completed
D002 – Are the SWPPP Pollution Prevention Team Members the Same?				
D002 -Is the Hazardous Waste Storage area clean and free of leaks and spills? And in compliance with Haz Waste regs?				
D002 – Is the Chip Shed housekeeping in good shape?				
D002 – Old loading dock area in good shape, curtain drain is clear, housekeeping is good, no spills or stains present, including the compactor?				
D002 – Housekeeping kept up in the area, including pallets and drums?				
D002 – Is the Dust Collector by the Firing Range in good condition with properly labeled drums and no residues?				
D002 – Are the dumpsters covered and housekeeping in good shape?				
D002 – Are the parking areas free of any evidence of major spills, leaks, or staining?				
D002 – Are the catch basins grates free of debris? Are the catch basins sufficiently free of sediment that would impede stormwater drainage?				
D002 – Are the transformers in good shape?				
D002 – Are the areas outside the New Shipping loading / unloading docks clean, free of debris and spill and leaks?				
D002 – Is outside storage near New Shipping in good shape – pallets, totes, compressed gases?				

MONTHLY STORMWATER INSPECTION
COLT'S MANUFACTURING COMPANY, LLC
545 New Park Avenue, West Hartford, CT

Inspection Date: _____

Time: _____

Inspector (Print Full Name): _____

Title: _____

Weather Conditions: _____

Area Inspected	Yes	No	If No Describe	Follow Up Actions and Date Completed
D002 – IS the emergency generator free of leaks and in good condition??				
D001 – Are the catch basins grates free of debris? Are the catch basins sufficiently free of sediment that would impede stormwater drainage				
D001 – Is the paved area free of spill / leak stains, in good condition, housekeeping kept up??				
D001 – Process vents from the Blue Room in good condition and preventing the discharge of particulates to the ground?				
D001 – Are the baghouses in good condition and properly capturing particulates?				
D001 – Is the methanol AST area clean and free of leaks and spills, free of vegetation?				
D001 – Is the Liquid Nitrogen AST area clean and free of leaks and spills?				
D001 – Is the area near the compactors free of debris and oil leaks, and housekeeping kept up?				
D001 – Is the area free of any other stormwater pollution issues?				
D001 – Are there any discovered non-stormwater discharges present entering the stormwater system?				



March 2026
Colt's Manufacturing Company, LLC
Stormwater Pollution Prevention Plan

ATTACHMENT H – VISUAL ASSESSMENT FORM



Colt
545 New Park Avenue
West Hartford, CT



QUARTERLY VISUAL MONITORING FORM

Date: _____

Outfall Identification: _____

Name of Person Conducting Visual Monitoring: _____

Instructions: Collect a stormwater sample, from the designated stormwater sampling location, in a clean, clear glass or plastic container and examine in a well-lit area.

Describe the following sample characteristics:

COLOR: _____

ODOR: _____

CLARITY: _____

FLOATING SOLIDS: _____

SETTLED SOLIDS: _____

SUSPENDED SOLIDS: _____

FOAM: _____

OIL SHEEN: _____

OTHER OBVIOUS INDICATORS OF STORMWATER POLLUTION: _____

If, based on the above indicators, the visual assessment indicates the control measures for the Facility are inadequate or are not being properly operated and maintained, the permittee must review and revise the selection, design, installation and implementation of the control measures to ensure that the condition is eliminated and will not be repeated in the future.

Maintain copies of completed quarterly visual monitoring forms with the SWPPP



March 2026
Colt's Manufacturing Company, LLC
Stormwater Pollution Prevention Plan

ATTACHMENT I – SEMI-ANNUAL COMPREHENSIVE INSPECTION FORM



Colt Manufacturing Company
545 New Park Avenue
West Hartford, CT



Semi-Annual Comprehensive Stormwater Inspection

Date: _____

Inspector's Name: _____

Inspector's Signature: _____

Weather Conditions: _____

Area	Observation		Corrective Action
Liquid Nitrogen Tank (DA 001)	Picture	Picture	Picture
	Observations		Observations



Colt Manufacturing Company
545 New Park Avenue
West Hartford, CT



Area	Observation		Corrective Action
Methanol Tank (DA 001)	Picture	Picture	Picture
	Observations		



Colt Manufacturing Company
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West Hartford, CT



Area	Observation		Corrective Action
Compactor (DA 001)	Picture	Picture	Picture
	Observations		Observations
	Picture	Picture	Picture
Outside Material Storage (DA001)	Observations		Observations



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West Hartford, CT



Area	Observation		Corrective Action
Catch Basin DA001	Picture	Picture	Picture
	Observations		Observations
	Picture	Picture	Picture
Chip Roll Offs (DA002)	Observations		Observations



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Area	Observation		Corrective Action
Compactor (DA002)	Picture	Picture	Picture
	Observations		Observations
Loading Docks (DA002)	Picture	Picture	Picture
	Observations		Observations



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Area	Observation		Corrective Action
Emergency Generator (DA002)	Picture	Picture	Picture
	Observations		Observations
Transformers (DA002)	Picture	Picture	Picture
	Observations		Observations



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West Hartford, CT



Area	Observation		Corrective Action
Dust Collectors (DA002)	Picture	Picture	Picture
	Observations		Observations
	Picture	Picture	Picture
Compressed Gases (DA002)	Observations		Observations



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West Hartford, CT



Area	Observation		Corrective Action
Additional Rolloffs (DA002)	Picture	Picture	Picture
	Observations.		Observations
	Picture	Picture	Picture
Outside Material Storage (DA002)	Observations	Observations	



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Area	Observation		Corrective Action
Catch Basin DA 002	Picture	Picture	Picture
	Observations		Observations

Stormwater Pollution Team Leader Signature: _____ Date: _____

Notes: _____



March 2026
Colt's Manufacturing Company, LLC
Stormwater Pollution Prevention Plan

ATTACHMENT J – MONITORING, INSPECTION, AND REPORTING SCHEDULE

MONITORING, INSPECTION, AND REPORTING SCHEDULE				EFFECTIVE: JANUARY 1, 2026
Type	Frequency	Schedule ²		Reporting Due Date ³
Routine Site Inspection ⁴	Monthly	☐ January ☐ February ☐ March ☐ April ☐ May ☐ June	☐ July ☐ August ☐ September ☐ October ☐ November ☐ December	Monthly ⁵
Visual Assessment Monitoring ^{6, 7}	Quarterly	☐ January 1 to March 30; ☐ April 1 to June 30; ☐ July 1 to September 30; and ☐ October 1 to December 31		Quarterly ⁵
Benchmark Monitoring ^{6, 8}	Semiannually ⁹	☐ January 1 to June 30; and ☐ July 1 to December 31		☐ July 30; and ☐ January 30 following each calendar year
Aquatic Toxicity Monitoring ⁶	One-time Permit Year 1	Schedule with a benchmark monitoring event above in 2026		☐ July 30; or ☐ January 30
Comprehensive Site Inspection ¹⁰	Semiannually	☐ January 1 to June 30; and ☐ July 1 to December 31		Semiannually ⁵
<i>Impaired Waters Monitoring</i>	<i>Annually</i>	<i>Not Required</i>		<i>Not Required</i>
Annual Report	Annually	☐ January 1 to December 31		No later than April 15 following each calendar year ¹¹

Note(s):

- The first monitoring period under the 2025 General Permit begins on January 1, 2026. If the five-year permit is administratively continued, all monitoring requirements remain in effect at their original (i.e., year 1) frequency.
- Semi-annual monitoring events must be separated by at least 30 days.
- Discharge Monitoring Report (DMR) submittal to CTDEEP is due within 30 days after the end of each monitoring period.
 - Submit paper DMRs via email to DEEP.StormwaterIndustrial@ct.gov until a Notice of Coverage is received. Then follow CTDEEP instructions on how to transition to the federal online platform NetDMR.
 - If samples are collected during multiple storm events within a scheduled monitoring period, the additional sampling results must be submitted with the DMR as an attachment.
 - No Data Indicator Codes (NODI) codes provided in Appendix L of the General Permit are used on a DMR to explain why a specific data value or the DMR cannot be submitted. A copy is included in Attachment F.
- At least once each calendar year, conduct the inspection during a period when a stormwater discharge is occurring.
- File completed inspection forms on-site and accessible. Findings will be summarized in the Annual Report.
- Monitoring is performed at Outfall 001. A sector AA Monitoring Form is included in Attachment F.

7. If it snows at least once over a period of four quarters, at least one assessment must capture snowmelt discharge, if feasible.
8. Once all benchmark monitoring requirements are fulfilled for the permit term, notify CTDEEP via email (reference 3.a.)
9. Appendix H of the General Permit provides "Guidance for Semi-annual Benchmark Monitoring and Corrective Action".
10. Conduct during a rainfall event, if possible
11. Submit to DEEP.Stormwater.Industrial@ct.gov entering "ATTN: Industrial Stormwater GP" in the subject line.



March 2026
Colt's Manufacturing Company, LLC
Stormwater Pollution Prevention Plan

ATTACHMENT K – EMPLOYEE TRAINING MATERIALS

Stormwater Pollution Prevention Plan Training

Colt Manufacturing

2025



Training Topics

- ❑ Regulatory Summary / Background
- ❑ Pollution Prevention Team
- ❑ ***Drainage Areas and Discharge Points***
- ❑ Potential Pollutant Sources
- ❑ Control Measures
- ❑ Facility Inspections
- ❑ Stormwater Monitoring
- ❑ Reporting
- ❑ **Corrective Action**
- ❑ Recordkeeping
- ❑ Review
- ❑ Questions





March 2026
Colt's Manufacturing Company, LLC
Stormwater Pollution Prevention Plan

ATTACHMENT L – CORRECTIVE ACTION DOCUMENTATION

Appendix G

Corrective Action Measure Requirements & Waiver Request

Purpose:

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

Violation of an Effluent Limitations Guideline:

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

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

Request for an Extension or Waiver:

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

Appendix G

Corrective Action Measure Requirements & Waiver Request

Section 1. Corrective Action Measure Documentation Submission Type

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

Section 2. Corrective Action Measure General Information

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

Appendix G

Corrective Action Measure Requirements & Waiver Request

Section 3. Corrective Action Triggering Condition Information

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

Appendix G

Corrective Action Measure Requirements & Waiver Request

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

Appendix G

Corrective Action Measure Requirements & Waiver Request

Section 4. Corrective Action Measure Select the appropriate level and describe the actions taken		
<input style="width: 30px; height: 30px; border: 1px solid black;" type="checkbox"/> Corrective Action Level 1	Immediate Actions (Within 1-2 Days)	
	Subsequent Actions (Within 14-60 Days)	
	Extension (Greater than 60 Days)	
	Follow-up sample, if applicable (include date, discharge location, and parameter)	
<input style="width: 30px; height: 30px; border: 1px solid black;" type="checkbox"/> Corrective Action Level 2	Immediate Actions (Within 1-2 Days)	
	Subsequent Actions (Within 14-60 Days)	
	Extension (Greater than 60 Days)	
	Follow-up sample, if applicable (include date, discharge location, and parameter)	
<input style="width: 30px; height: 30px; border: 1px solid black;" type="checkbox"/> Corrective Action Level 3	Immediate Actions (Within 1-2 Days)	
	Subsequent Actions (Within 14-60 Days)	
	Extension (Greater than 60 Days)	
	Follow-up sample, if applicable (include date, discharge location, and parameter)	

Appendix G

Corrective Action Measure Requirements & Waiver Request

Section 5. Additional Information (check all that apply)

☐ Follow-up photographs	Please describe any photographs taken and attach them to the end of this document.												
☐ Request for an extension	Please describe the request for an extension for CAM implementation. Please see the permit for criteria applicable to exemptions.												
☐ Request for a waiver	Please describe the request for a waiver from further corrective action measures and/ or monitoring. Please see the permit for criteria applicable to waivers.												
Certification	I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate, and complete to the best of my knowledge and belief. I understand that a false statement made in the submitted information may be punishable as a criminal offense, in accordance with section 22a-6 of the Regs. Conn. State Agencies, pursuant to section 53a-157b of the Regs. Conn. State Agencies, and in accordance with any other applicable statute. <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <td style="width: 25%;">Certifier Name:</td> <td style="width: 30%;">Click or tap here to enter text.</td> <td style="width: 25%;">Certifier Title:</td> <td style="width: 20%;">Click or tap here to enter text.</td> </tr> <tr> <td>Certifier Signature:</td> <td></td> <td>Date:</td> <td>Click or tap here to enter text.</td> </tr> <tr> <td>Site/Facility Name and Address:</td> <td>Click or tap here to enter text.</td> <td>General Permit No.:</td> <td>Click or tap here to enter text.</td> </tr> </table>	Certifier Name:	Click or tap here to enter text.	Certifier Title:	Click or tap here to enter text.	Certifier Signature:		Date:	Click or tap here to enter text.	Site/Facility Name and Address:	Click or tap here to enter text.	General Permit No.:	Click or tap here to enter text.
Certifier Name:	Click or tap here to enter text.	Certifier Title:	Click or tap here to enter text.										
Certifier Signature:		Date:	Click or tap here to enter text.										
Site/Facility Name and Address:	Click or tap here to enter text.	General Permit No.:	Click or tap here to enter text.										

NPDES General Permit for the Discharge of Stormwater Associated with Industrial Activities

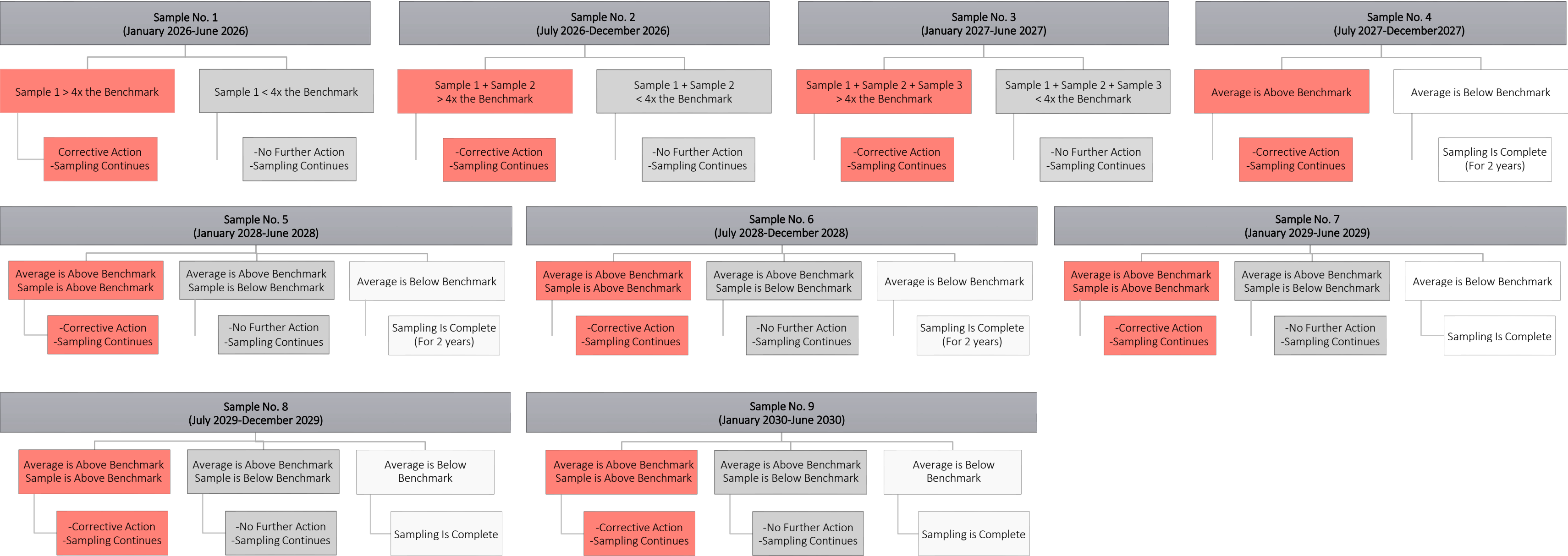
Appendix L DMR No Data Indicator Codes

Purposes:

No Data Indicator Codes (NODI) codes are used on Discharge Monitoring Reports (DMRs) to explain why a specific data value or the DMR cannot be submitted for a given parameter or period. These codes must be used by facilities with NPDES permits to indicate various reasons for missing data, such as operational issues, weather conditions, or sampling failures. Permittees must use the appropriate NODI code on the DMR from the list below.

<u>NODI Code</u>	<u>NODI Code Description</u>
1	Wrong Flow
2	Operation Shutdown
3	Special Report Attached
4	Discharge to Lagoon/Groundwater
5	Frozen Conditions
6	State-specific No Data Indicator – Invalid
7	No Influent
8	Other (See Comments)
9	Conditional Monitoring - Not Required This Period
A	General Permit Exemption
B	Below Detection Limit/No Detection
C	No Discharge
D	Lost Sample/Data Not Available
E	Failed to Sample/Required Analysis Not Conducted
F	Insufficient Flow for Sampling
G	Sampling Equipment Failure
H	Invalid Test
I	Land Applied
J	Recycled - Water-Closed System
K	Natural Disaster
L	DMR Received but not Entered
M	Laboratory Error
N	Not Constructed
P	Laboratory Error or Invalid Test
Q	Not Quantifiable
R	Administratively Resolved
S	Fire Conditions
T	Environmental Conditions - Monitoring Not Possible
V	Weather Related
W	Dry Lysimeter/Well
X	Parameter/Value Not Reported
Y	State-specific No Data Indicator – Valid

Appendix H Guidance for Semi-annual Benchmark Monitoring and Corrective Action





ATTACHMENT M – 2025 NPDES GENERAL PERMIT (CTR050000)

Colt maintains an electronic copy of the 2025 General Permit available for the Pollution Prevention Team to review. In addition, the link below will open the General Permit.

[2025-Industrial-Stormwater-General-Permit.pdf](#)



GZA GeoEnvironmental, Inc.