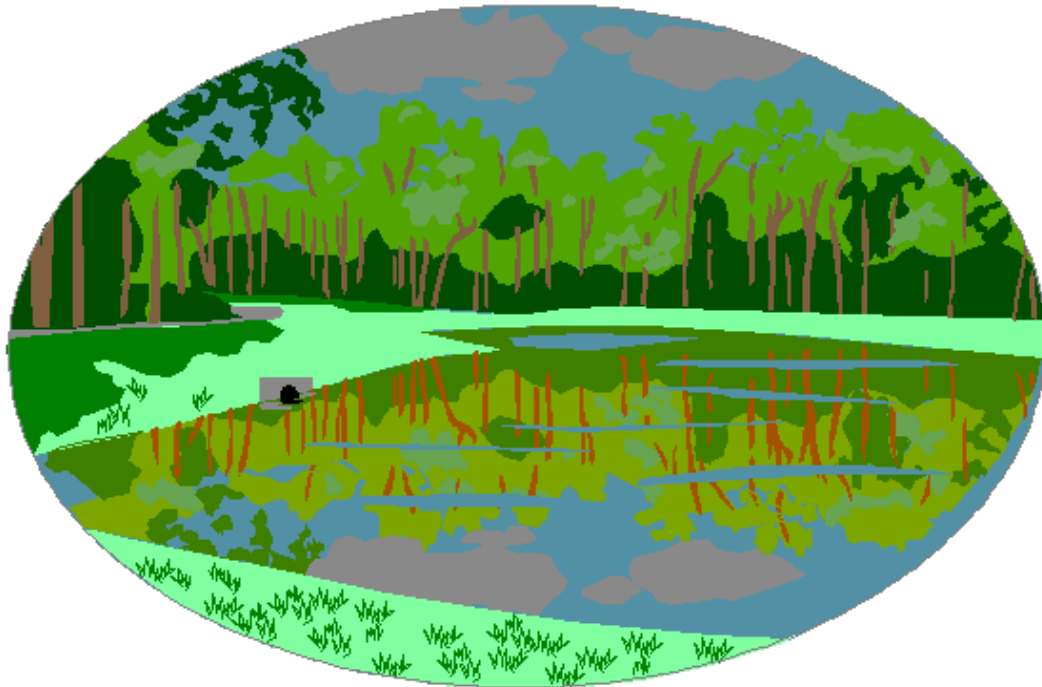


STORMWATER POLLUTION PREVENTION PLAN

TRANSFER STATION PASAY ROAD

THOMPSON, CONNECTICUT



March 21, 2017

by
J & D Civil Engineers, LLC
401 Ravenelle Road
North Grosvenordale, CT 06255

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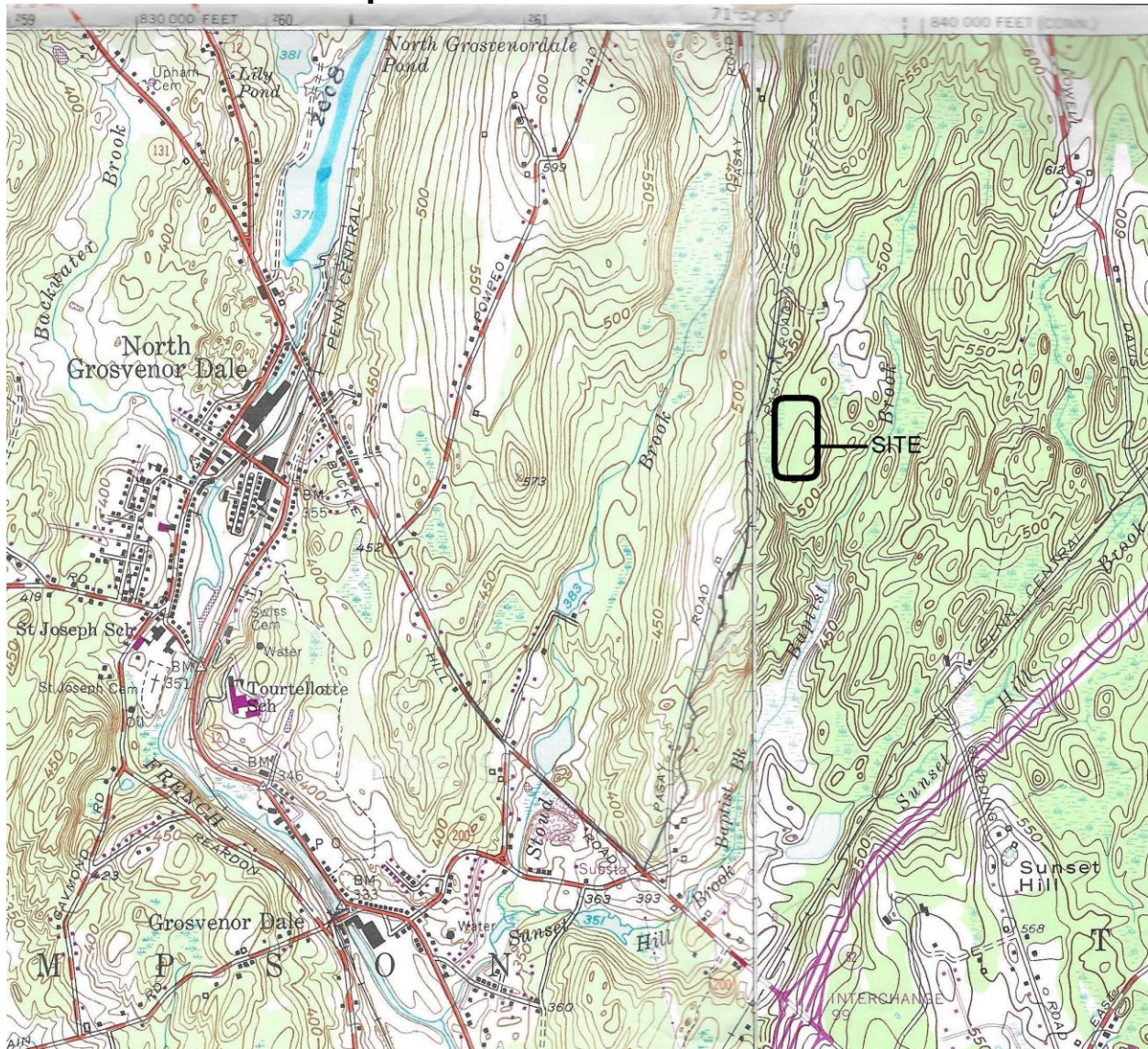
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I. SITE DESCRIPTION AND CONTACT INFORMATION

A. Facility Description

The facility is municipal waste transfer station with a capacity of 615 tons per day. The SIC is 4953. Wastes received at the facility includes mixed municipal solid wasters, bulky waste, recyclables (cardboard, paper, glass, cans, plastic, metal, batteries, waste oil and clothing) appliances and mattresses. Wastes that are not accepted included medical waste, paint, hazardous waste and stumps. Wastes are hauled from the site to an approved disposal facility on an as needed basis.

B. General Location Map



C. Pollution Prevention Team

This is the member roster and responsibilities list for the pollution prevention team. This list will be updated as necessary.

Lead: Leo Adams

Title: Public Works Foreman
Office Phone: 860 923-2680
Cell: 860 234-2322

Responsibilities: Coordinate all stages of Plan development, inspections and implementation; coordinate employee training program; keep all records and ensure reports are submitted; oversee sampling program.

Member: Elmer Preston

Title: Gate Operator
Office Phone: 860 923-9820

Responsibilities: Implementation of the preventive maintenance program; oversee good housekeeping activities; spill response coordinator

Member: Josh Butts

Title: Operator
Office Phone: 860 923-9820

Responsibilities: Conduct / Assist with inspections and training program; conduct sampling

Member: Winston Averil

Title: Consultant
Office Phone: 860-377-0188

Responsibilities: Advises town on new updates and state requirements

II. POTENTIAL POLLUTANT SOURCES

A. Site Map

A site map at a scale of 1" = 50' is enclosed at the back of the plan.

B. Inventory of Exposed Materials

Activity Exposed Material	Outfall Number	Associated Pollutants	Method Of Storage/ Extent of Exposure Of activity	Description of storage	Control measures used to minimize exposure	Location and description of structural or nonstructural measures to control pollutants/treatment devices installed to treat stormwater runoff
Plastic	1	Spoiled milk	container	50 yd roll off	covered	n/a
Cardboard	1	litter	container	50 yd roll off	covered	n/a
Paper	1	litter	container	50 yd roll off	Covered	n/a
Bulky Waste	1	none	container	50 yd roll off	Covered	n/a
Metal food cans	1	Food waste	container	50 yd roll off	Covered	n/a
Glass (recyclable)	1	n/a	container	Various size roll off	covered	n/a
Glass (returnable)	1	n/a	inside	Wood shed	covered	n/a
Leaves/Grass Clippings	Sheet flow	none	pile	pile	none	n/a
Brush	Sheet flow	none	pile	pile	none	n/a
Household trash	1	litter	inside	Covered compactor	N/a	n/a
Ferrous Metal	1	none	container	Roll off	Plugged	n/a
Tires	1	none	container	Roll off	Plugged	n/a
Non ferrous metal	1	none	container	Roll off	plugged	n/a
Appliances	1	freon	outside	On ground	Freon removed	n/a
Loading/Unloading	1	Gas/oil	Leaking container or accidental spill	trailer	All storage is inside	Emergency spill equipment on site

C. Narrative Summary of Potential Pollutant Sources

The following is a summary of potential pollutant sources:

Loading and unloading areas: The unloading area for passenger vehicles is on pavement. Typically the waste materials are taken directly from the vehicle and placed inside the container. Most containers are expected to be empty, except for certain items such as batteries or oil which are stored inside. The roll off containers are hauled away when full.

Outdoor storage: The nature of this facility is temporary storage of household wastes until they can be taken away to a recycling or disposal facility. The majority of the wastes are stored in roll off containers on pavement, with plugs and lids that can be closed when it rains. Therefore exposure to

stormwater and subsequent runoff are minimal. Certain problematic materials, such as waste oil are stored inside to avoid the possibility of leaking onto the ground. Emergency spill equipment is located in the trailer. Brush, leaves and lawn clippings are stored on the ground. The brush is occasionally burned.

Other potential pollutant sources

- Sanitary – the porta potty is pumped out by an outside contractor as necessary
- Litter – paper, etc that falls outside of dumpsters is routinely collected and disposed of

D. Spills and Leaks

No significant (> 5 gallons) spills and leaks have occurred at this facility in the past 3 years.

E. Non-Stormwater Discharges

There are no floor drains at the transfer station that discharge to the stormwater system.

The previous SWPPP for this site dated 2-3-00, states that *"Outfall 1 contributes the majority of stormwater associated with the industrial activities. This location has been sampled for two (2) consecutive years by a private contractor. Laboratory results for these sample evens were within the target goal limits set by the Connecticut Department of Environmental Protection's (CTDEP) Aquatic Toxicity Group. As a result, the Town of Thompson no longer has to collect annual stormwater samples for the remainder of the permit's term."*

An on site inspection was conducted on February 24, 2017. No new pipes were observed in the catch basins and there were no pavement cuts or other marks indicating that new connections were made since the testing in 2000 indicated that the stormwater was within the target goal limits. Weekly visits to this site over the past 16 years have not indicated any new construction.

F. Impaired Waters

The discharge is not to an impaired water.

III. CONTROL MEASURES

A. Good Housekeeping

- No washing of equipment or vehicles is allowed at this site
- Spills are immediately cleaned up with an absorbent. (See Spill Prevention and Response Procedures)
- Litter is routinely picked up

B. Vehicle or Equipment Washing

Vehicle washing will not be performed at this site.

C. Floor Drains

There are no floor drains at this site

D. Roof Areas

There are no roof areas subject to drippage, dust or particulates from exhaust or vents or other sources of pollution.

E. Minimize Exposure

The majority of the materials temporarily stored here are stored inside or in roll off containers with sliding covers that are closed in inclement weather. Furthermore, the containers are kept on pavement. The only exceptions are brush and leaves/lawn clippings, white goods and furniture which do not contribute pollutants to stormwater.

F. Sediment and Erosion Control

There are no land disturbing activities or soil stockpiles at this site. All materials are stored in enclosed containers. Structural control measures include 2 catch basins that are cleaned as required.

G. Management of Runoff

The attached site plan shows 3 stormwater outfall areas at the facility. Outfall #1 contributes the stormwater associated with the industrial activities. The drainage area for this outfall is entirely paved. All materials are stored in containers that should not permit any pollutants to contact the stormwater. The stormwater goes through 2 catch basins prior to discharging.

The previous SWPPP states: *"This location has been sampled for two (2) consecutive years by a private contractor. Laboratory results for these sample events were within the target goal limits set by the Connecticut Department of Environmental Protection's (CTDEP) Aquatic Toxicity Group. As a result, the Town of Thompson no longer has to collect annual stormwater samples for the remainder of the permit's term."*

Outfalls #2 and #3 are not associated with the industrial activities. The drainage areas associated with these outfalls are upstream of the access road to the site.

Runoff from the access road and other portions of the site sheet flow into adjacent land.

H. Preventive Maintenance

Catch basins will be cleaned as needed, but in no event less than annually, during the month of April. Materials removed will be disposed of in an appropriate manner.

I. Spill and Response Procedures

- All dumpsters will have covers and intact drain plugs.
- Spill cleanup equipment is kept on site (in the recycle oil building)
- The pollution prevention team leader or the spill coordinator will be advised immediately of all spills of hazardous or Connecticut regulated materials, regardless of quantity.
- The spill will be evaluated to determine the necessary response. If there is a health hazard or fire or explosion potential, 911 will be called. If the spill is large or threatens surface water systems (including stormwater structures) the DEEP Oil and Chemical Spills Unit will be called at 424-3338. Any questions on pollution potential should be directed to the DEEP Waste Management Bureau at 424-3372.
- The spill will be contained as close to the source as possible with a dike of absorbent materials from the emergency spill kit (such as socks, pads, pillows or "pigs"). Additional dikes will be constructed to protect swales or other stormwater conveyances or streams. A cover or dike will protect any other stormwater structures such as catch basins.

- All waste material will be disposed of properly, including used absorbent materials. The DEEP will be called for any questions about proper disposal of hazardous or regulated wastes.

J. Employee Training

The topics below will be covered at employee training sessions. All employees will be trained within 90 days of hiring and annually thereafter.

- Review of the Storm Water Pollution Prevention Plan (SWPPP)
- Discussion of the location of storm drain structures and note the receiving water of the storm system to emphasize the importance of keeping pollutants out of the storm drain.
- Review of spill prevention and response procedures.
- Review of good housekeeping practices.
- A sign-off sheet for each annual training signed by all attending employees and the supervising member of the pollution prevention team is kept with this Plan.

K. Non-Stormwater Discharges

There are no non-stormwater discharges at this site as discussed in section II.E above.

L. Solid De-icing Material Storage

These materials are not stored on this site.

M. Sector Based

1. Additional Plan Requirements

Drainage Area Site Map - Drainage area for the transfer station waste storage areas, hoppers and loading/transfer areas are shown on the plan. The adjacent closed landfill is not the subject of this permit.

2. Summary of potential pollutant sources

The Plan addresses these items in section D above.

IV. INSPECTIONS

Daily

There shall be a daily inspection for the following:

- Litter
- Covering of waste containers
- Areas the public has access to

Weekly

Inspections shall be conducted weekly for the following:

- Areas used for storage of material and waste that are exposed to precipitation
- Locations where equipment and hauling trucks enter and exit the site
- Areas where waste and materials are loaded and unloaded

A sign off sheet shall be kept inside the office building at the transfer station. The person conducting the daily/weekly inspection shall sign and date the sheet upon completion of the inspection.

Semi Annual

Semi-Annual Comprehensive Site Inspections (CSI) will be conducted in accordance with Section 5(d)(1) of the General Permit at least once every six months (once in the spring, and once in the fall). CSI forms included in the appendices of this Plan will be used to guide and document the CSI.

The CSI checklist provides for a summary of the scope of the inspection, identification of the personnel making the inspections, and an indication of the date(s) of the inspection. It includes a list of documents to review prior to the inspection. It also provides for a listing of the major observations relating to the Plan, any actions taken, and an indication of whether or not an observation resulted in an update of the Plan.

Prior to conducting the Semi-Annual inspections, the inspector shall review the following documents and note any changes that are required:

- The current SWPPP, including all site maps and tables
- All routine inspection reports for the year
- All visual monitoring reports for the year
- All analytical stormwater monitoring reports for the year
- All maintenance records, spill reports, etc.

The CSI will include visual inspection of material handling areas and other potential sources of pollution identified on the CSI form for evidence of, or the potential for, pollutants entering the stormwater drainage system. Structural stormwater management measures, erosion control measures and other pollution prevention measures identified in this SWPPP will be observed to ensure that they are operating correctly. A visual inspection of equipment needed to implement the Plan will be made. If possible, the CSI will be conducted during rainfall events. Table II. B, "Inventory of Exposed Materials" will be updated as necessary. Records of all inspections shall be kept on site for a minimum of 5 years.

V. MONITORING PROGRAM

A. Standard Monitoring Parameters

Visual Monitoring - Quarterly

Visual monitoring is required to be conducted once each quarter. Quarters begin on January 1, April 1, July 1, and October 1. See form in appendices.

A sample from outfall 1 will be taken for the purpose of conducting a visual assessment of the stormwater. Samples will be taken within 30 minutes of the start of a discharge and on discharges that occur at least 72 hours (3 days) from the previous discharge. Samples will be taken using a clean, clear glass or plastic container and will be examined in a well-lit area. The assessment of each sample will be documented on the form entitled "Quarterly Visual Monitoring Form" located in the appendices, or a similar form. The sample will be inspected for the presence of the following water quality characteristics:

- Color
- Odor
- Clarity
- Floating solids
- Settled solids
- Suspended solids
- Foam
- Oil sheen
- Other obvious indicators of stormwater pollution

If, based on these indicators, the assessment indicates that the existing control measures are inadequate or being improperly maintained or operated, the control measures must be reviewed and revised to ensure the control measures employed are adequate to prevent discharges of stormwater with the above indicators.

The results of each quarterly visual assessment will be documented and kept with this plan.

General Monitoring – Semi Annually

The General Permit specifies analytical parameters for industrial stormwater discharges. It also requires that permittees monitor those pollutants limited in an EPA stormwater effluent guideline to which the permittee is subject. Each of the representative locations will be analyzed for the parameters specified below, as required by Section 5(c)(1)(A)(i) of the General Permit on a twice per year basis. One monitoring event shall be conducted between October 1 and March 31 (winter period). The other monitoring event shall be conducted between April 1 and September 30 (summer period). Monitoring events shall be separated by at least 30 days.

- Total Oil and Grease
- pH
- Chemical Oxygen Demand
- Total Suspended Solids
- Total Phosphorus
- Total Kjeldahl Nitrogen
- Nitrate as Nitrogen
- Total Copper
- Total Zinc

- Total Lead
 - Aquatic Toxicity*
- *Once per year or annual requirement

In addition, uncontaminated rainfall pH shall be measured at the time the samples are collected.

- Grab sample collection shall begin within the first thirty (30) minutes of a storm event discharge and be completed as soon as possible. A rainfall pH measurement must be taken at the same time.
- Samples are to be collected from a storm event that occurs at least 72 hours after any previous storm event generating a stormwater discharge.

Storm Information

During monitoring, the following information is to be collected and included in the Sampling Information section of the CT DEEP SMR form:

- Sampling Location: Outfall #1
- Date and time of sample collection
- Name and title of person collecting the sample
- Date, temperature, and time of the start of the discharge
- Storm magnitude (total amount of rain in inches)
- Storm duration (total length of storm in hours)
- Date of previous measurable rainfall storm event (must generate stormwater runoff and be at least 72 hours previous)
- Rainfall pH

Benchmarks

Once the data have been received they shall be reviewed versus the benchmark level indicated below.

PARAMETER	UNITS	LEVELS
Total Oil and Grease	mg/L	5
Chemical Oxygen Demand	mg/L	75
Total Suspended Solids	mg/L	90
Total Phosphorous	mg/L	0.40
Total Kjeldahl Nitrogen	mg/L	2.30
Nitrate as Nitrogen	mg/L	1.10
Total Copper	mg/L	0.059
Total Lead	mg/L	0.076
Total Zinc	mg/L	0.160
Aquatic Toxicity	-	LC50 > 50%
pH	S.U.	5-9

Data not exceeding benchmarks: After collection of 4 samples, if the average of the 4 monitoring values does not exceed the benchmark, the monitoring requirements for that parameter will be fulfilled for the permit term.

For averaging purposes any individual sample parameter which is determined to be less than the method detection limit, use a value of half the method detection limit reported by the analyzing laboratory. For sample values that fall between the method detection level and the reporting level (i.e., a confirmed detection but below the level that can be reliably quantified), use a value of half the reporting level reported by the analyzing laboratory. Once the benchmark for sample pH has been met and monitoring for pH has been fulfilled, the measurement of rainfall pH is no longer required.

Data exceeding benchmarks: After collection of 4 samples, if the average of the 4 monitoring values exceeds the benchmark, in accordance with Section 5(e)(1)(B), the selection, design, installation, and implementation of control measures must be reviewed to determine if modifications are necessary to meet the effluent limits in this permit, and DEEP must either:

- Make the necessary modifications and continue quarterly monitoring until 4 additional quarters of monitoring are completed for which the average does not exceed the benchmark; or
- Within 120 days make a determination that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice to meet the technology-based effluent limits or are necessary to meet the water-quality-based effluent limitations in the semi-annual monitoring section of this plan, in which case monitoring must continue once per year. The rationale for concluding that no further pollutant reductions are achievable must be documented and submitted to the CTDEEP, and all records related to this documentation must be retained with this SWPPP.

The Stormwater Monitoring Reports (SMR), which are kept with this Plan for at least five years following the expiration of the General Permit, are used to record the necessary information for the storm event monitored and the monitoring results. The completed forms must also be submitted to the CTDEEP, as discussed later in this section.

Exceedance of an effluent limitation is a violation of the general permit and must be reported to the DEEP in accordance with Section 22a-430-3(j)(11)(D). This section of the regulations states:

"The permittee shall, within two hours of becoming aware of the circumstances, and at the start of the next business day if he or she becomes aware of the circumstances outside normal business hours, notify the director and, for discharges to POTWs, the responsible person under subparagraph (8) (A) of this subsection of any actual or anticipated noncompliance with permit terms or conditions if (i) the noncompliance is greater than two times the permitted level except for violations of any maximum daily limitation in an NPDES permit, in which case all violations shall be reported or (ii) the condition may endanger human health, the environment or the operation of a POTW, including sludge handling and disposal, and shall submit a written report to the director within five days thereafter. Such report shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and, if the

noncompliance has not been corrected, the anticipated time it is expected to continue, and steps taken or planned to reduce, eliminate and prevent recurrence of the noncompliance. Notification of actual or anticipated noncompliance does not stay any permit term or condition”

Monitoring results must be submitted on SMR forms within 90 days to:

Water Toxics Program Coordinator
Bureau of Water Management
Department of Energy and Environmental
Protection 79 Elm Street
Hartford, CT 06106-5127

Any conflicts between monitoring requirements noted herein and those in the General Permit shall be resolved in favor of the General Permit.

VI. CERTIFICATIONS AND SIGNATURES

NON-STORMWATER DISCHARGE CERTIFICATION“I certify that in my professional judgment, the stormwater discharge from the site 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 this general permit, or of stormwater combined with any of the following discharges provided they do not contribute to a violation of the water quality standards.

- Landscape irrigation or lawn watering;
- Uncontaminated groundwater discharges such as pumped groundwater, foundation drains, water from crawl space pumps and footing drains;
- Discharges of uncontaminated air conditioner or refrigeration condensate
- Water sprayed for dust control or a at a truck load wet down station;
- Naturally occurring discharges such as rising groundwaters, uncontaminated groundwater infiltration (as defined at 40 CFR 35.2005(20)), springs and flows from riparian habitats and wetlands.

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 an testing/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 authorized by a local authority for discharge as domestic sewage to sanitary sewer. I am aware that there may be significant penalties for false statements in the certification, including the possibility of fine and imprisonment for knowingly making false statements.”

Dennis R. Blanchette, PE 12107

Date

Plan Certification

I certify that I have thoroughly and completely reviewed the Stormwater Pollution Prevention Plan prepared for this site. I further certify, based on such review and site visit by myself or my agent, and on my professional judgment, that the Stormwater Pollution Prevention Plan meets the criteria set forth in the General Permit for the Discharge of Stormwater Associated with Industrial Activity effective on October 1, 2016. I am aware that there are significant penalties for false statements in this certification, including the possibility of fine and imprisonment for knowingly making false statements.

Dennis R. Blanchette, PE 12107

Date

Ken Beausoleil, First Selectman

Date

SEMI ANNUAL COMPREHENSIVE SITE INSPECTION FORM

Inspector _____

Date of Inspection _____

Prior to Inspection

Review the the Stormwater Pollution Prevention Plan (SWPPP) including the site map, the inventory of exposed materials, and the pollution prevention team.

Are any changes required ☐ Yes ☐ No

If yes, note here and revise SWPPP as necessary

Daily/weekly signs offs up to date ☐ Yes ☐ No

All visual monitoring reports for the year up to date ☐ Yes ☐ No

All analytical stormwater monitoring reports for the year up to date ☐ Yes ☐ No

Reviewed all maintenance records, spill reports, etc. ☐ Yes ☐ No

Inspection

Catch Basins

Cleaning required ☐ Yes ☐ No

Date last cleaned _____ next scheduled cleaning _____

Spill Response Equipment is present ☐ Yes ☐ No If No, ordered additional? ☐ Yes ☐ No

Visual evidence of leaks/spills on pavement ☐ Yes ☐ No

Roll offs have operating lids and are closed at appropriate times ☐ Yes ☐ No

All drainage plugs are installed and tight ☐ Yes ☐ No

Sand swept from pavement ☐ Yes ☐ No ☐ None present

Litter is picked up ☐ Yes ☐ No

Additional comments or observations

TRAINING FORM

Date of Annual Training: _____

Training Leader: _____

In Attendance:

Signature

Position/title

Signature

Position/title

Signature

Position/title

Signature

Position/title

Signature

Position/title

Signature

Position/title

Signature

Position/title

Signature

Position/title

QUARTERLY VISUAL MONITORING FORM

for

Q1	Jan/Feb/March	
Q2	April/May/June	
Q3	July/Aug/Sept	
Q4	Oct/Nov/Dec	

Inspector: _____

Date: _____

Time: _____

Inspection Item	Condition/comment/action if condition is not present state "none"
Color	
Odor	
Clarity	
Floating solids	
Settled solids	
Suspended solids	
Foam	
Oil sheen	
Other pollution indicators	



General Permit for the Discharge of Stormwater Associated with Industrial Activity, effective

Stormwater Monitoring Report Form

General Requirements and Sector G Transportation Facilities Only (Do not submit if you have other sector specific requirements)

Facility Information

Permittee Name: _____	Site Name: _____
Mailing Address: _____	
Contact Person: _____	Title: _____
Business Phone: _____ ext.: _____	Email: _____
Site Address: _____	
Receiving Water (name/basin): _____	
Permit #: GSI _____	Primary SIC: <input type="checkbox"/>
Discharges into an Impaired Waterbody: Yes <input type="checkbox"/> No <input type="checkbox"/> (If yes, complete the table on page 3 of this form)	

Sample Information

Sample Location: _____	Person Collecting Sample: _____
Date/Time Collected: _____	Date of Previous Storm Event: _____
This report is for samples required: Semi-annually <input type="checkbox"/> Annually <input type="checkbox"/> Other <input type="checkbox"/>	
Check here if the sample contains snow or ice melt: <input type="checkbox"/>	
Check here if a benchmark exceedance is solely due to background or off site sources <input type="checkbox"/>	see note below

Monitoring Results

Parameter	Required Frequency	Results (units)	Benchmark	Benchmark Exceedance (see pg 4)	Test Method	Laboratory Name
Oil & Grease	Semi-annual		5.0 mg/L	<input type="checkbox"/>		
Rainfall pH	Semi-annual		n/a			
Sample pH	Semi-annual		5-9 SU	<input type="checkbox"/>		
COD	Semi-annual		75 mg/L	<input type="checkbox"/>		
TSS	Semi-annual		90 mg/L	<input type="checkbox"/>		
TP	Semi-annual		0.40 mg/L	<input type="checkbox"/>		
TKN	Semi-annual		2.30 mg/L	<input type="checkbox"/>		
NO ₃ -N	Semi-annual		1.10 mg/L	<input type="checkbox"/>		
Total Copper	Semi-annual		0.059 mg/L	<input type="checkbox"/>		
Total Zinc	Semi-annual		0.160 mg/L	<input type="checkbox"/>		
Total Lead	Semi-annual		0.076 mg/L	<input type="checkbox"/>		
24 Hr. LC ₅₀	Annual-Year 1&2		n/a			
48 Hr. LC ₅₀	Annual-Year 1&2		n/a			

Exemptions

List here any parameter(s) that will not be sampled for the remainder of the permit term: <small>see note below</small>

NOTE: Complete the "Data Tracking Table" (page 4 on this form) to show the parameter is eligible for the monitoring exemption in Section 5(e)(1)(B)(iii) of the general permit. If you are discontinuing monitoring for impaired water

parameters (per Section 5(e)(1)(D)), or parameters that are present due to natural or background levels or off site run-on (per Section 5(e)(1)(B)(V)), attach additional supporting information to this form.

STORMWATER ACUTE TOXICITY TEST DATA SHEET

(required annually only during Year 1 and Year 2 of the permit)

Site Name:	
Date/Time Begin:	Date/Time End:
Sample Hardness:	Sample Conductivity:
Test Species: <i>Daphnia pulex</i> < 24 hrs old	Dilution Water Hardness:

Effluent Dilution	Number of Organisms Surviving			Dissolved Oxygen (mg/L)			Temperature (°C)			pH (su)			
	Hour	00	24	48	00	24	48	00	24	48	00	24	48
CONTROL 1													
CONTROL 2													
CONTROL 3													
CONTROL 4													
6.25% A													
6.25% B													
6.25% C													
6.25% D													
12.5% A													
12.5% B													
12.5% C													
12.5% D													
25% A													
25% B													
25% C													
25% D													
50% A													
50% B													
50% C													
50% D													
100% A													
100% B													
100% C													
100% D													

REFERENCE TOXICANT RESULTS

Test Species	Date	Reference Toxicant	Source	LC ₅₀
<i>Daphnia pulex</i>				

Additional Monitoring for Discharges to Impaired Waters (if applicable):

Parameter	Frequency	Results (units)	Test Method	Laboratory Name

Statement of Certification

<p>“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 the 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 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.”</p>	
Signature of Permittee	Date
Name of Permittee (print or type)	Title (if applicable)
Signature of Preparer (if different than above)	Date
Name of Preparer (print or type)	Title (if applicable)

Please send all completed forms to:

WATER TOXICS PROGRAM COORDINATOR
BUREAU OF WATER PROTECTION AND LAND REUSE
CT DEPARTMENT OF ENERGY & ENVIRONMENTAL
PROTECTION 79 ELM STREET
HARTFORD, CT 06106-5127

General Permit for the Discharge of Stormwater Associated with Industrial Activity, effective 10/1/2011

Data Tracking Sheet

General and Sector G Transportation Facilities Only
Monitoring Requirements

Permittee Name: _____ Permit #: GSI _____ Site Name: _____ Site Address: _____
Sample Location: _____

Enter the sample dates and the data reported for the four (4) most recent semi-annual sample results at this discharge location into the chart below. To determine the average for the four samples add up each of the four results and then divide that number by 4. ***Only monitoring collected under the current permit (effective 10/1/11,) can be used to earn the monitoring exemption.***

Average = $\frac{\text{Sample 1} + \text{Sample 2} + \text{Sample 3} + \text{Sample 4}}{4}$

4

Parameter	Sample Result				Average		
	1	2	3	4			
Sample Date							
O&G						5.0 mg/L	
Sample pH						5-9 S.U.	
COD						75 mg/L	
TSS						90 mg/L	
TP						0.40 mg/L	
TKN						2.30 mg/L	
NO ₃ -N						1.10 mg/L	
Total Copper						0.059 mg/L	
Total Zinc						0.160 mg/L	
Total Lead						0.076 mg/L	

*If the average of the four (4) most recent samples is less than the benchmark listed, your facility is no longer required to sample semi-annually for that parameter for the rest of the permit (current permit expires 9/30/2016). If your facility qualifies for an exemption from monitoring for sample pH, your facility is also exempt from monitoring rainfall pH for the remainder of the permit.

If the average of the four (4) most recent samples is equal to or greater than the benchmark listed, check the appropriate box on page 1. If so, you have exceeded the benchmark and must continue to sample this parameter semiannually until the average is below the benchmark. See

Section 5(e)(1)(B) of the General permit for requirements when exceeding a benchmark.

If the sample result reported by the testing laboratory was below detection limit, for the purpose of averaging, use a value that is $\frac{1}{2}$ the detection limit for that parameter in the formula above. For example, if the result for Oil & Grease was <2.0 mg/L, use a value of 1.0 mg/L for determining the average. Please refer to Section 5 e(1)B(iii) of the General Permit for a more detailed explanation.