Connecticut Department of

ENERGY &
ENVIRONMENTAL
PROTECTION

NPDES PERMIT

issued to

Connecticut Galvanizing,
Div. Highway Safety Corp
239 Commerce Street
Glastonbury, Connecticut 06033

Location Address:
239 Commerce Street
Glastonbury, Connecticut

Facility ID: 054-020

Permit ID: CT0030449

Receiving Stream: Hubbard Brook & Salmon Brook

Permit Expires: 9/29/2016

SECTION 1: GENERAL PROVISIONS

(A) This permit is issued in accordance with section 22a-430 of Chapter 446k, Connecticut General Statutes ("CGS"), and Regulations of Connecticut State Agencies ("RCSA") adopted thereunder, as amended, and section 402(b) of the Clean Water Act, as amended, 33 USC 1251, et. seq., and pursuant to an approval dated September 26, 1973, by the Administrator of the United States Environmental Protection Agency for the State of Connecticut to administer an N.P.D.E.S. permit program.

(B) **Connecticut Galvanizing**, ("Permittee"), shall comply with all conditions of this permit including the following sections of the RCSA which have been adopted pursuant to section 22a-430 of the CGS and are hereby incorporated into this permit. Your attention is especially drawn to the notification requirements of subsection (i)(2), (i)(3), (j)(1), (j)(6), (j)(8), (j)(9)(C), (j)(10)(C), (j)(11)(C), (D), (E), and (F), (k)(3) and (4) and (l)(2) of section 22a-430-3.

Section 22a-430-3 General Conditions

(a) Definitions
(b) General
(c) Inspection and Entry
(d) Effect of a Permit
(e) Duty
(f) Proper Operation and Maintenance
(g) Sludge Disposal
(h) Duty to Mitigate
(i) Facility Modifications; Notification
(j) Monitoring, Records and Reporting Requirements
(k) Bypass

(l) Conditions Applicable to POTWs
(m) Effluent Limitation Violations (Upsets)
(n) Enforcement
(o) Resource Conservation
(p) Spill Prevention and Control
(q) Instrumentation, Alarms, Flow Recorders
(r) Equalization

Section 22a-430-4 Procedures and Criteria

(a) Duty to Apply
(b) Duty to Reapply
(c) Application Requirements
(d) Preliminary Review
(e) Tentative Determination
(f) Draft Permits, Fact Sheets
(g) Public Notice, Notice of Hearing
(h) Public Comments
(i) Final Determination
(j) Public Hearings
(k) Submission of Plans and Specifications. Approval.
(l) Establishing Effluent Limitations and Conditions
(m) Case by Case Determinations
(n) Permit issuance or renewal
(o) Permit Transfer
(p) Permit revocation, denial or modification
(q) Variances
(r) Secondary Treatment Requirements
(s) Treatment Requirements for Metals and Cyanide
(t) Discharges to POTWs - Prohibitions

(C) Violations of any of the terms, conditions, or limitations contained in this permit may subject the Permittee to enforcement action including, but not limited to, seeking penalties, injunctions and/or forfeitures pursuant to applicable sections of the CGS and RCSA.

(D) Any false statement in any information submitted pursuant to this permit may be punishable as a criminal offense under section 22a-438 or 22a-131a of the CGS or in accordance with section 22a-6, under section 53a-157b of the CGS.

(E) The authorization to discharge under this permit may not be transferred without prior written approval of the Commissioner of Energy and Environmental Protection ("Commissioner"). To request such approval, the Permittee and proposed transferee shall register such proposed transfer with the Commissioner, at least 30 days prior to the transferee becoming legally responsible for creating or maintaining any discharge which is the subject of the permit transfer. Failure, by the transferee, to obtain the Commissioner's approval prior to commencing such discharge(s) may subject the transferee to enforcement action for discharging without a permit pursuant to applicable sections of the CGS and RCSA.

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

(G) Nothing in this permit shall relieve the Permittee of other obligations under applicable federal, state and local law.

(H) **An annual fee shall be paid for each year this permit is in effect as set forth in section 22a-430-7 of the Regulations of Connecticut State Agencies.**

SECTION 2: DEFINITIONS

(A) The definitions of the terms used in this permit shall be the same as the definitions contained in section 22a-423 of the CGS and section 22a-430-3(a) and 22a-430-6 of the RCSA, except for "No Observable Acute Effect Level (NOAEL)" which is redefined below.

(B) In addition to the above, the following definitions shall apply to this permit:

"-----" in the limits column on the monitoring table means a limit is not specified but a value must be reported on the DMR

"Biweekly", in the context of inspection frequency, means an inspection occurring every two weeks.

"Critical Test Concentration (CTC)" means the specified effluent dilution at which the Permittee is to conduct a single-concentration Aquatic Toxicity test.

"Daily Quantity" means the quantity of waste discharged during an operating day.

"Instantaneous Limit" means the highest allowable concentration of a substance as measured by a grab sample, or the highest allowable measurement of a parameter as obtained through instantaneous monitoring.

"In stream Waste Concentration (IWC)" means the concentration of a discharge in the receiving water after mixing has occurred in the allocated zone of influence.

"LC50" means the concentration of a substance, mixture of substances, or discharge which causes mortality to fifty percent of the test organisms in an acute toxicity test.

"Maximum Daily Limit", means the maximum allowable "Daily Concentration" (defined above) when expressed as a concentration (e.g. mg/l); otherwise, it means the maximum allowable "Daily Quantity" as defined above, unless it is expressed as a flow quantity. If expressed as a flow quantity it means "Maximum Daily Flow" as defined in section 22a-430-3(a) of the RCSA.

"NA" as a Monitoring Table abbreviation means "not applicable".

"NR" as a Monitoring Table abbreviation means "not required".

"No Observable Acute Effect Level (NOAEL)" means any concentration equal to or less than the critical test concentration in a single concentration (pass/fail) toxicity test conducted pursuant to section 22a-430-3(j)(7)(A)(i) RCSA demonstrating 90% or greater survival of test organisms at the CTC.

"Quarterly", in the context of a sampling frequency, means that a representative sample of the stormwater runoff shall be collected during each of the following periods: January - March, inclusive; April - June, inclusive; July - September, inclusive and; October - December, inclusive.

"Semi-Annual" in the context of a sampling frequency, means that a representative sample of the stormwater runoff must be collected during each of the following periods: January-June, inclusive and July-December, inclusive.

"ug/l" means micrograms per liter.

SECTION 3: COMMISSIONER'S DECISION

(A) The Commissioner has issued a final determination and found that installation of a new stormwater treatment system will protect the waters of the state from pollution. The Commissioner's decision is based on **Application No. 200502286** for permit issuance received on October 14, 2005, the addendums and modifications received on March 17, 2006, April 25, 2006, July 19, 2006, April 3, 2009, and May 28, 2010, and the administrative record established in the processing of that application.

(B) The Commissioner hereby authorizes the Permittee to discharge in accordance with the provisions of this permit, the above referenced application, and all approvals issued by the Commissioner or the Commissioner's authorized agent for the discharges and/or activities authorized by, or associated with, this permit.

(C) The Commissioner reserves the right to make appropriate revisions to the permit in order to establish any appropriate effluent limitations, schedules of compliance, or other provisions which may be authorized under the Federal Clean Water Act or the CGS or regulations adopted thereunder, as amended. The permit as modified or renewed under this paragraph may also contain any other requirements of the Federal Clean Water Act or CGS or regulations adopted thereunder which are then applicable.

SECTION 4: GENERAL EFFLUENT LIMITATIONS

(A) No discharge shall contain, or cause in the receiving stream, a visible oil sheen or floating solids or cause visible discoloration or foaming in the receiving stream.

(B) No discharge shall cause acute or chronic toxicity in the receiving water body beyond any zone of influence specifically allocated to that discharge in this permit.

(C) The temperature of any discharge shall not increase the temperature of the receiving stream above 85°F, or, in any case, raise the normal temperature of the receiving stream more than 4°F.

SECTION 5: SPECIFIC EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

(A) Upon permit issuance, the discharges shall not exceed and shall otherwise conform to the specific terms and conditions listed below. The discharges are restricted by, and shall be monitored in accordance with, the tables below:

(A)(1) EFFECTIVE UPON PERMIT ISSUANCE, the discharge shall not exceed and shall otherwise conform to the specific terms and conditions listed below. The discharge is restricted by, and shall be monitored, in accordance with the table below:

Table A

Discharge Serial Number: 001-1 | **Monitoring Location: 1**

Wastewater Description: Stormwater runoff from the western portion of the site and the northern employee parking lot

Monitoring Location Description: Catch Basin #3 on-site

PARAMETER	UNITS	FLOW/TIME BASED MONITORING				INSTANTANEOUS MONITORING			Minimum Level Test [2]
		Average Monthly Limit	Maximum Daily Limit	Sample/Reporting Frequency [1]	Sample Type or Measurement to be reported	Instantaneous limit or required range	Sample/ Reporting Frequency [1]	Sample Type or measurement to be reported	
Aquatic Toxicity, Daphnia Pulex LC50	%	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Aquatic Toxicity, Pimephales promelas LC50	%	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Aluminum, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Chemical Oxygen Demand [3]	mg/l	NA	NA	NR	NR	-----	**Quarterly**	Grab	
Chromium, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Copper, Dissolved	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Copper, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Flow, Instantaneous (at time of sampling)	gpm	NA	NA	NR	NA	-----	**Quarterly**	Instantaneous	
Iron, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Lead, Dissolved	mg/l	NA	NA	NR	NA	----	**Quarterly**	Grab	X
Lead, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Nickel, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Nitrogen, Ammonia	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Nitrogen, Nitrate (total as N) [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Nitrogen, Total Kjeldahl [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Oil and Grease, Total	mg/l	NA	NA	NR	NA	5	**Quarterly**	Grab	
pH	S.U.	NA	NA	NR	NA	5.0 – 9.0	**Quarterly**	Instantaneous	
Phosphorus, Total [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Total Suspended Solids	mg/l	NA	NA	NR	NA	90	**Quarterly**	Grab	
Zinc, Dissolved	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Zinc, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X

Table Footnotes and Remarks:
Footnotes:

[1] The first entry in this column is the 'Sample Frequency'. If a 'Reporting Frequency' does not follow this entry and the 'Sample Frequency' is more frequent than monthly then the 'Reporting Frequency' is monthly. If the 'Sample frequency' is specified as monthly, or less frequent, then the 'Reporting Frequency' is the same as the 'Sample Frequency'.

[2] Minimum Level Test refers to Section 6(A) of this permit.

[3] See Section 9(C) for information about benchmark monitoring.

Remarks:

"Quarterly", means that a representative sample of the discharge shall be collected at any time during each of the following periods: January - March, inclusive; April - June, inclusive; July - September, inclusive and; October - December, inclusive.

For the months when a sample is not collected, the Discharge Monitoring Report shall be submitted with the comment, "Monitoring Conditional".

The results of the Toxicity Tests shall be recorded in % survival on the DMR.

(A)(2) EFFECTIVE UPON PERMIT ISSUANCE, the discharge shall not exceed and shall otherwise conform to the specific terms and conditions listed below. The discharge is restricted by, and shall be monitored, in accordance with the table below:

Table B

Discharge Serial Number: 002-1 | **Monitoring Location: 1**

Wastewater Description: Untreated stormwater runoff from the central portion of the site

Monitoring Location Description: Outfall #2 (storm sewer manhole)

PARAMETER	UNITS	FLOW/TIME BASED MONITORING				INSTANTANEOUS MONITORING			Minimum Level Test [2]
		Average Monthly Limit	Maximum Daily Limit	Sample/Reporting Frequency [1]	Sample Type or Measurement to be reported	Instantaneous limit or required range	Sample/ Reporting Frequency [1]	Sample Type or measurement to be reported	
Aquatic Toxicity, Daphnia Pulex LC50	%	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Aquatic Toxicity, Pimephales promelas LC50	%	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Aluminum, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Chemical Oxygen Demand [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Chromium, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Copper, Dissolved	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Copper, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Flow, Instantaneous (at time of sampling)	gpm	NA	NA	NR	NA	-----	**Quarterly**	Instantaneous	
Iron, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Lead, Dissolved	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Lead, Total	mg/l	NA	NA	NR	NA	----	**Quarterly**	Grab	X
Nickel, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Nitrogen, Ammonia (total as N)	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Nitrogen, Nitrate (total as N) [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Nitrogen, Total Kjeldahl [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Oil and Grease, Total	mg/l	NA	NA	NR	NA	5.0	**Quarterly**	Grab	
pH	S.U.	NA	NA	NR	NA	5.0 – 9.0	**Quarterly**	Instantaneous	
Phosphorus [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Total Suspended Solids	mg/l	NA	NA	NR	NA	90	**Quarterly**	Grab	
Zinc, Dissolved	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Zinc, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X

Table Footnotes and Remarks:
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[2] Minimum Level Test refers to Section 6(A) of this permit.

[3] See Section 9(C) for information about benchmark monitoring.

Remarks:

"Quarterly", means that a representative sample of the discharge shall be collected at any time during each of the following periods: January - March, inclusive; April - June, inclusive; July - September, inclusive and; October - December, inclusive.

For the months when a sample is not collected, the Discharge Monitoring Report shall be submitted with the comment, "Monitoring Conditional".

The results of the Toxicity Tests shall be recorded in % survival on the DMR.

(A)(3) EFFECTIVE UPON PERMIT ISSUANCE, the discharge shall not exceed and shall otherwise conform to the specific terms and conditions listed below. The discharge is restricted by, and shall be monitored, in accordance with the table below:

Table C

Discharge Serial Number: 003-1 | **Monitoring Location: 1**

Wastewater Description: Stormwater runoff from the eastern portion of the site

Monitoring Location Description: Catch basin east of the site in Commerce Street

PARAMETER	UNITS	FLOW/TIME BASED MONITORING				INSTANTANEOUS MONITORING			Minimum Level Test [2]
		Average Monthly Limit	Maximum Daily Limit	Sample/Reporting Frequency [1]	Sample Type or Measurement to be reported	Instantaneous limit or required range	Sample/ Reporting Frequency [1]	Sample Type or measurement to be reported	
Aquatic Toxicity, Daphnia Pulex LC50	%	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Aquatic Toxicity, Pimephales promelas LC50	%	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Aluminum, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Chemical Oxygen Demand [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Chromium, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Copper, Dissolved	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Copper, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Flow, Instantaneous (at time of sampling)	gpm	NA	NA	NR	NA	------	**Quarterly**	Instantaneous	
Iron, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Lead, Dissolved	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Lead, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Nickel, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Nitrogen, Ammonia	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Nitrogen, Nitrate (total as N) [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Nitrogen, Total Kjedahl [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Oil and Grease, Total	mg/l	NA	NA	NR	NA	5	**Quarterly**	Grab	
pH	S.U.	NA	NA	NR	NA	5.0 - 9.0	**Quarterly**	Instantaneous	
Phosphorus, Total [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Total Suspended Solids	mg/l	NA	NA	NR	NA	90	**Quarterly**	Grab	
Zinc, Dissolved	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Zinc, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X

Table Footnotes and Remarks:
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[2] Minimum Level Test refers to Section 6(A) of this permit.

[3] See Section 9(C) for information about benchmark monitoring.

Remarks:

"Quarterly", means that a representative sample of the discharge shall be collected at any time during each of the following periods: January - March, inclusive; April - June, inclusive; July - September, inclusive and; October - December, inclusive.

For the months when a sample is not collected, the Discharge Monitoring Report shall be submitted with the comment, "Monitoring Conditional".

The results of the Toxicity Tests shall be recorded in % survival on the DMR.

(A)(4) EFFECTIVE 365 DAYS (1 YEAR) FROM THE DATE OF PERMIT ISSUANCE, the discharge shall not exceed and shall otherwise conform to the specific terms and conditions listed below. The discharge is restricted by, and shall be monitored, in accordance with the table below:

Table D

Discharge Serial Number: 002-A	**Monitoring Location: 1**
Wastewater Description: Combined treated stormwater runoff from the central portion of the site	
Monitoring Location Description: Outlet pipe from the Aqua-Filter Filtration System	

PARAMETER	**UNITS**	**FLOW/TIME BASED MONITORING**				**INSTANTANEOUS MONITORING**			**Minimum Level Test [2]**
		Average Monthly Limit	Maximum Daily Limit	Sample/Reporting Frequency [1]	Sample Type or Measurement to be reported	Instantaneous limit or required range	Sample/ Reporting Frequency [1]	Sample Type or measurement to be reported	
Aquatic Toxicity, Daphnia Pulex LC50	%	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Aquatic Toxicity, Pimephales promelas LC50	%	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Aluminum, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Chemical Oxygen Demand [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Chromium, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Copper, Dissolved	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Copper, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Flow, Instantaneous (at time of sampling)	gpm	NA	NA	NR	NA	-----	**Quarterly**	Instantaneous	
Iron, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Lead, Dissolved	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Lead, Total	mg/l	NA	NA	NR	NA	----	**Quarterly**	Grab	X
Nickel, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Nitrogen, Ammonia (total as N)	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Nitrogen, Nitrate (total as N) [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Nitrogen, Total Kjeldahl [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Oil and Grease, Total	mg/l	NA	NA	NR	NA	5.0	**Quarterly**	Grab	
pH	S.U.	NA	NA	NR	NA	5.0 – 9.0	**Quarterly**	Instantaneous	
Phosphorus [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Total Suspended Solids	mg/l	NA	NA	NR	NA	90	**Quarterly**	Grab	
Zinc, Dissolved	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Zinc, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X

Table Footnotes and Remarks:
Footnotes:

[1] The first entry in this column is the 'Sample Frequency'. If a 'Reporting Frequency' does not follow this entry and the 'Sample Frequency' is more frequent than monthly then the 'Reporting Frequency' is monthly. If the 'Sample frequency' is specified as monthly, or less frequent, then the 'Reporting Frequency' is the same as the 'Sample Frequency'.

[2] Minimum Level Test refers to Section 6(A) of this permit.

[3] See Section 9(C) for information about benchmark monitoring.

Remarks:

"Quarterly", means that a representative sample of the discharge shall be collected at any time during each of the following periods: January - March, inclusive; April - June, inclusive; July - September, inclusive and; October - December, inclusive.

For the months when a sample is not collected, the Discharge Monitoring Report shall be submitted with the comment, "Monitoring Conditional".

The results of the Toxicity Tests shall be recorded in % survival on the DMR.

(B)(1) EFFECTIVE 913 DAYS (2.5 YEARS) FROM THE DATE OF PERMIT ISSUANCE, the discharge shall not exceed and shall otherwise conform to the specific terms and conditions listed below. The discharge is restricted by, and shall be monitored in accordance with, the table below:

Table E

Discharge Serial Number: 001-1 | **Monitoring Location: 1**

Wastewater Description: Stormwater runoff from the western portion of the site and the northern employee parking lot

Monitoring Location Description: Catch Basin #3 on-site

PARAMETER	UNITS	FLOW/TIME BASED MONITORING				INSTANTANEOUS MONITORING			Minimum Level Test [2]
		Average Monthly Limit	Maximum Daily Limit	Sample/Reporting Frequency[1]	Sample Type or Measurement to be reported	Instantaneous limit or required range	Sample/ Reporting Frequency [1]	Sample Type or measurement to be reported	
Aquatic Toxicity, Daphnia Pulex LC50	%	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Aquatic Toxicity, Pimephales promelas LC50	%	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Aluminum, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Chemical Oxygen Demand [3]	mg/l	NA	NA	NR	NR	-----	**Quarterly**	Grab	
Chromium, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Copper, Dissolved	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Copper, Total	mg/l	NA	NA	NR	NA	0.059	**Quarterly**	Grab	X
Flow, Instantaneous (at time of sampling)	gpm	NA	NA	NR	NA	-----	**Quarterly**	Instantaneous	
Iron, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Lead, Dissolved	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Lead, Total	mg/l	NA	NA	NR	NA	0.076	**Quarterly**	Grab	X
Nickel, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Nitrogen, Ammonia	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Nitrogen, Nitrate (total as N) [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Nitrogen, Total Kjeldahl [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Oil and Grease, Total	mg/l	NA	NA	NR	NA	5.0	**Quarterly**	Grab	
pH	S.U.	NA	NA	NR	NA	5.0 – 9.0	**Quarterly**	Instantaneous	
Phosphorus, Total [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Total Suspended Solids	mg/l	NA	NA	NR	NA	90	**Quarterly**	Grab	
Zinc, Dissolved	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Zinc, Total	mg/l	NA	NA	NR	NA	0.16	**Quarterly**	Grab	X

Table Footnotes and Remarks:

Footnotes:

[1] The first entry in this column is the 'Sample Frequency'. If a 'Reporting Frequency' does not follow this entry and the 'Sample Frequency' is more frequent than monthly then the 'Reporting Frequency' is monthly. If the 'Sample frequency' is specified as monthly, or less frequent, then the 'Reporting Frequency' is the same as the 'Sample Frequency'.

[2] Minimum Level Test refers to Section 6(A) of this permit.

[3] See Section 9(C) for information about benchmark monitoring.

Remarks:

"Quarterly", means that a representative sample of the discharge shall be collected at any time during each of the following periods: January - March, inclusive; April - June, inclusive; July - September, inclusive and; October - December, inclusive.

For the months when a sample is not collected, the Discharge Monitoring Report shall be submitted with the comment, "Monitoring Conditional".

The results of the Toxicity Tests shall be recorded in % survival on the DMR.

(B)(2) EFFECTIVE 913 DAYS (2.5 YEARS) FROM THE DATE OF PERMIT ISSUANCE, the discharge shall not exceed and shall otherwise conform to the specific terms and conditions listed below. The discharge is restricted by, and shall be monitored in accordance with, the table below:

Table F

Discharge Serial Number: 002-1 | **Monitoring Location: 1**

Wastewater Description: Combined treated and untreated stormwater runoff from the central portion of the site

Monitoring Location Description: Outfall #2 (storm sewer manhole receiving treated flow from the Aqua-Filter and bypassed stormwater)

PARAMETER	UNITS	FLOW/TIME BASED MONITORING				INSTANTANEOUS MONITORING			Minimum Level Test [2]
		Average Monthly Limit	Maximum Daily Limit	Sample/Reporting Frequency [1]	Sample Type or Measurement to be reported	Instantaneous limit or required range	Sample/ Reporting Frequency [1]	Sample Type or measurement to be reported	
Aquatic Toxicity, Daphnia Pulex LC50	%	NA	NA	NR	NA	-----	**Semi-annual**	Grab	
Aquatic Toxicity, Pimephales promelas LC50	%	NA	NA	NR	NA	-----	**Semi-annual**	Grab	
Aluminum, Total	mg/l	NA	NA	NR	NA	-----	**Semi-annual**	Grab	X
Chemical Oxygen Demand [3]	mg/l	NA	NA	NR	NA	-----	**Semi-annual**	Grab	
Chromium, Total	mg/l	NA	NA	NR	NA	-----	**Semi-annual**	Grab	X
Copper, Dissolved	mg/l	NA	NA	NR	NA	-----	**Semi-annual**	Grab	X
Copper, Total	mg/l	NA	NA	NR	NA	0.059	**Semi-annual**	Grab	X
Flow, Instantaneous (at time of sampling)	gpm	NA	NA	NR	NA	-----	**Semi-annual**	Instantaneous	
Iron, Total	mg/l	NA	NA	NR	NA	-----	**Semi-annual**	Grab	
Lead, Dissolved	mg/l	NA	NA	NR	NA	-----	**Semi-annual**	Grab	X
Lead, Total	mg/l	NA	NA	NR	NA	0.076	**Semi-annual**	Grab	X
Nickel, Total	mg/l	NA	NA	NR	NA	-----	**Semi-annual**	Grab	X
Nitrogen, Ammonia (total as N)	mg/l	NA	NA	NR	NA	-----	**Semi-annual**	Grab	
Nitrogen, Nitrate (total as N) [3]	mg/l	NA	NA	NR	NA	-----	**Semi-annual**	Grab	
Nitrogen, Total Kjeldahl [3]	mg/l	NA	NA	NR	NA	-----	**Semi-annual**	Grab	
Oil and Grease, Total	mg/l	NA	NA	NR	NA	5	**Semi-annual**	Grab	
pH	S.U.	NA	NA	NR	NA	5-9	**Semi-annual**	Instantaneous	
Phosphorus [3]	mg/l	NA	NA	NR	NA	-----	**Semi-annual**	Grab	
Total Suspended Solids	mg/l	NA	NA	NR	NA	90	**Semi-annual**	Grab	
Zinc, Dissolved	mg/l	NA	NA	NR	NA	-----	**Semi-annual**	Grab	X
Zinc, Total	mg/l	NA	NA	NR	NA	0.16	**Semi-annual**	Grab	X

Table Footnotes and Remarks:
Footnotes:

[1] The first entry in this column is the 'Sample Frequency'. If a 'Reporting Frequency' does not follow this entry and the 'Sample Frequency' is more frequent than monthly then the 'Reporting Frequency' is monthly. If the 'Sample frequency' is specified as monthly, or less frequent, then the 'Reporting Frequency' is the same as the 'Sample Frequency'.

[2] Minimum Level Test refers to Section 6(A) of this permit.

[3] See Section 9(C) for information about benchmark monitoring.

Remarks:

"Semi-annual", means that a representative sample of the discharge shall be collected at any time during each of the following periods: January - June, inclusive and July - December, inclusive. The representative sample must consist of stormwater runoff treated through the Aqua-Filter Filtration Unit as well as untreated stormwater runoff that bypasses the Aqua-Filter unit.

For the months when a sample is not collected, the Discharge Monitoring Report shall be submitted with the comment, "Monitoring Conditional".

The results of the Toxicity Tests shall be recorded in % survival on the DMR.

(B)(3) EFFECTIVE 913 DAYS (2.5 YEARS) FROM THE DATE OF PERMIT ISSUANCE, the discharge shall not exceed and shall otherwise conform to the specific terms and conditions listed below. The discharge is restricted by, and shall be monitored in accordance with, the table below:

Table G

Discharge Serial Number: 002-A | **Monitoring Location: 1**

Wastewater Description: Treated stormwater runoff from the central portion of the site

Monitoring Location Description: Outlet pipe from Aqua-Filter Filtration System

PARAMETER	UNITS	FLOW/TIME BASED MONITORING				INSTANTANEOUS MONITORING			Minimum Level Test [2]
		Average Monthly Limit	Maximum Daily Limit	Sample/Reporting Frequency [1]	Sample Type or Measurement to be reported	Instantaneous limit or required range	Sample/ Reporting Frequency [1]	Sample Type or measurement to be reported	
Aquatic Toxicity, Daphnia Pulex LC50	%	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Aquatic Toxicity, Pimephales promelas LC50	%	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Aluminum, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Chemical Oxygen Demand [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Chromium, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Copper, Dissolved	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Copper, Total	mg/l	NA	NA	NR	NA	0.059	**Quarterly**	Grab	X
Flow, Instantaneous (at time of sampling)	gpm	NA	NA	NR	NA	-----	**Quarterly**	Instantaneous	
Iron, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Lead, Dissolved	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Lead, Total	mg/l	NA	NA	NR	NA	0.076	**Quarterly**	Grab	X
Nickel, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Nitrogen, Ammonia (total as N)	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Nitrogen, Nitrate (total as N) [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Nitrogen, Total Kjeldahl [3]	mg/l	NA	NA	NA	NA	-----	**Quarterly**	Grab	
Oil and Grease, Total	mg/l	NA	NA	NR	NA	5.0	**Quarterly**	Grab	
pH	S.U.	NA	NA	NR	NA	5.0 – 9.0	**Quarterly**	Instantaneous	
Phosphorus, Total [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Total Suspended Solids	mg/l	NA	NA	NR	NA	90	**Quarterly**	Grab	
Zinc, Dissolved	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Zinc, Total	mg/l	NA	NA	NR	NA	0.16	**Quarterly**	Grab	X

Table Footnotes and Remarks:

Footnotes:

[1] The first entry in this column is the 'Sample Frequency'. If a 'Reporting Frequency' does not follow this entry and the 'Sample Frequency' is more frequent than monthly then the 'Reporting Frequency' is monthly. If the 'Sample frequency' is specified as monthly, or less frequent, then the 'Reporting Frequency' is the same as the 'Sample Frequency'.

[2] Minimum Level Test refers to Section 6(A) of this permit.

[3] See Section 9(C) for information about benchmark monitoring.

Remarks:

"Quarterly", means that a representative sample of the discharge shall be collected at any time during each of the following periods: January - March, inclusive; April - June, inclusive; July - September, inclusive and; October - December, inclusive.

For the months when a sample is not collected, the Discharge Monitoring Report shall be submitted with the comment, "Monitoring Conditional".

The results of the Toxicity Tests shall be recorded in % survival on the DMR.

(B)(4) EFFECTIVE 913 DAYS (2.5 YEARS) FROM THE DATE OF PERMIT ISSUANCE, the discharge shall not exceed and shall otherwise conform to the specific terms and conditions listed below. The discharge is restricted by, and shall be monitored in accordance with, the table below:

Table H

Discharge Serial Number: 003-1 | **Monitoring Location: 1**

Wastewater Description: Stormwater runoff from the eastern portion of the site

Monitoring Location Description: Catch basin east of site in Commerce Street

PARAMETER	UNITS	FLOW/TIME BASED MONITORING				INSTANTANEOUS MONITORING			Minimum Level Test [2]
		Average Monthly Limit	Maximum Daily Limit	Sample/Reporting Frequency [1]	Sample Type or Measurement to be reported	Instantaneous limit or required range	Sample/ Reporting Frequency [1]	Sample Type or measurement to be reported	
Aquatic Toxicity, Daphnia Pulex LC50	%	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Aquatic Toxicity, Pimephales promelas LC50	%	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Aluminum, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Chemical Oxygen Demand [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Chromium, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Copper, Dissolved	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Copper, Total	mg/l	NA	NA	NR	NA	0.059	**Quarterly**	Grab	X
Flow, Instantaneous (at time of sampling)	gpm	NA	NA	NR	NA	------	**Quarterly**	Instantaneous	
Iron, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Lead, Dissolved	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Lead, Total	mg/l	NA	NA	NR	NA	0.076	**Quarterly**	Grab	X
Nickel, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Nitrogen, Ammonia	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Nitrogen, Nitrate (total as N) [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Nitrogen, Total Kjeldahl [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Oil and Grease, Total	mg/l	NA	NA	NR	NA	5.0	**Quarterly**	Grab	
pH	S.U.	NA	NA	NR	NA	5.0 – 9.0	**Quarterly**	Instantaneous	
Phosphorus, Total [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Total Suspended Solids	mg/l	NA	NA	NR	NA	90	**Quarterly**	Grab	
Zinc, Dissolved	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Zinc, Total	mg/l	NA	NA	NR	NA	0.16	**Quarterly**	Grab	X

Table Footnotes and Remarks:

Footnotes:

[1] The first entry in this column is the 'Sample Frequency'. If a 'Reporting Frequency' does not follow this entry and the 'Sample Frequency' is more frequent than monthly then the 'Reporting Frequency' is monthly. If the 'Sample frequency' is specified as monthly, or less frequent, then the 'Reporting Frequency' is the same as the 'Sample Frequency'.

[2] Minimum Level Test refers to Section 6(A) of this permit.

[3] See Section 9(C) for information about benchmark monitoring.

Remarks:

"Quarterly", means that a representative sample of the discharge shall be collected at any time during each of the following periods: January - March, inclusive; April - June, inclusive; July - September, inclusive and; October - December, inclusive.

For the months when a sample is not collected, the Discharge Monitoring Report shall be submitted with the comment, "Monitoring Conditional".

The results of the Toxicity Tests shall be recorded in % survival on the DMR.

(C)(1) EFFECTIVE 1460 DAYS (4 YEARS) FROM THE DATE OF PERMIT ISSUANCE, the discharge shall not exceed and shall otherwise conform to the specific terms and conditions listed below. The discharge is restricted by, and shall be monitored in accordance with, the table below:

Table I

Discharge Serial Number: 001-1	**Monitoring Location: 1**
Wastewater Description: Stormwater runoff from the western portion of the site and the northern employee parking lot	
Monitoring Location Description: Catch Basin #3 on-site	**Instream Waste Concentration (IWC): 100%**

PARAMETER	UNITS	FLOW/TIME BASED MONITORING				INSTANTANEOUS MONITORING			Minimum Level Test [2]
		Average Monthly Limit	Maximum Daily Limit	Sample/Reporting Frequency [1]	Sample Type or Measurement to be reported	Instantaneous limit or required range	Sample/ Reporting Frequency [1]	Sample Type or measurement to be reported	
Aquatic Toxicity, Daphnia Pulex **NOAEL=100%**	%	NA	NA	NR	NA	≥ 90%	**Quarterly**	Grab	
Aquatic Toxicity, Pimephales promelas **NOAEL=100%**	%	NA	NA	NR	NA	≥ 90%	**Quarterly**	Grab	
Aluminum, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Chemical Oxygen Demand [3]	mg/l	NA	NA	NR	NR	-----	**Quarterly**	Grab	
Chromium, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Copper, Dissolved	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Copper, Total	mg/l	NA	NA	NR	NA	0.012	**Quarterly**	Grab	X
Flow, Instantaneous (at time of sampling)	gpm	NA	NA	NR	NA	-----	**Quarterly**	Instantaneous	
Iron, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Lead, Dissolved	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Lead, Total	mg/l	NA	NA	NR	NA	0.015	**Quarterly**	Grab	X
Nickel, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Nitrogen, Ammonia	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Nitrogen, Nitrate (total as N) [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Nitrogen, Total Kjeldahl [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Oil and Grease, Total	mg/l	NA	NA	NR	NA	5.0	**Quarterly**	Grab	
pH	S.U.	NA	NA	NR	NA	5.0 – 9.0	**Quarterly**	Instantaneous	
Phosphorus, Total [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Total Suspended Solids	mg/l	NA	NA	NR	NA	90	**Quarterly**	Grab	
Zinc, Dissolved	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Zinc, Total	mg/l	NA	NA	NR	NA	0.032	**Quarterly**	Grab	X

Table Footnotes and Remarks:
Footnotes:

[1] The first entry in this column is the 'Sample Frequency'. If a 'Reporting Frequency' does not follow this entry and the 'Sample Frequency' is more frequent than monthly then the 'Reporting Frequency' is monthly. If the 'Sample frequency' is specified as monthly, or less frequent, then the 'Reporting Frequency' is the same as the 'Sample Frequency'.

[2] Minimum Level Test refers to Section 6(A) of this permit.

[3] See Section 9(C) for information about benchmark monitoring.

Remarks:

"Quarterly", means that a representative sample of the discharge shall be collected at any time during each of the following periods: January - March, inclusive; April - June, inclusive; July - September, inclusive and; October - December, inclusive.

For the months when a sample is not collected, the Discharge Monitoring Report shall be submitted with the comment, "Monitoring Conditional".

The results of the Toxicity Tests shall be recorded in % survival on the DMR.

(C)(2) EFFECTIVE 1460 DAYS (4 YEARS) FROM THE DATE OF PERMIT ISSUANCE, the discharge shall not exceed and shall otherwise conform to the specific terms and conditions listed below. The discharge is restricted by, and shall be monitored in accordance with, the table below:

Table J

Discharge Serial Number: 002-1 | **Monitoring Location: 1**

Wastewater Description: Combined treated and untreated stormwater runoff from the central portion of the site

Monitoring Location Description: Outfall #2 (storm sewer manhole receiving treated flow from the Aqua-Filter and bypassed stormwater)

PARAMETER	UNITS	FLOW/TIME BASED MONITORING				INSTANTANEOUS MONITORING			Minimum Level Test [2]
		Average Monthly Limit	Maximum Daily Limit	Sample/Reporting Frequency [1]	Sample Type or Measurement to be reported	Instantaneous limit or required range	Sample/ Reporting Frequency [1]	Sample Type or measurement to be reported	
Aquatic Toxicity, Daphnia Pulex LC50	%	NA	NA	NR	NA	-----	**Semi-annual**	Grab	
Aquatic Toxicity, Pimephales promelas LC50	%	NA	NA	NR	NA	-----	**Semi-annual**	Grab	
Aluminum, Total	mg/l	NA	NA	NR	NA	-----	**Semi-annual**	Grab	X
Chemical Oxygen Demand [3]	mg/l	NA	NA	NR	NA	-----	**Semi-annual**	Grab	
Chromium, Total	mg/l	NA	NA	NR	NA	-----	**Semi-annual**	Grab	X
Copper, Dissolved	mg/l	NA	NA	NR	NA	-----	**Semi-annual**	Grab	X
Copper, Total	mg/l	NA	NA	NR	NA	0.059	**Semi-annual**	Grab	X
Flow, Instantaneous (at time of sampling)	gpm	NA	NA	NR	NA	-----	**Semi-annual**	Instantaneous	
Iron, Total	mg/l	NA	NA	NR	NA	-----	**Semi-annual**	Grab	
Lead, Dissolved	mg/l	NA	NA	NR	NA	-----	**Semi-annual**	Grab	X
Lead, Total	mg/l	NA	NA	NR	NA	0.076	**Semi-annual**	Grab	X
Nickel, Total	mg/l	NA	NA	NR	NA	-----	**Semi-annual**	Grab	X
Nitrogen, Ammonia (total as N)	mg/l	NA	NA	NR	NA	-----	**Semi-annual**	Grab	
Nitrogen, Nitrate (total as N) [3]	mg/l	NA	NA	NR	NA	-----	**Semi-annual**	Grab	
Nitrogen, Total Kjeldahl [3]	mg/l	NA	NA	NR	NA	-----	**Semi-annual**	Grab	
Oil and Grease, Total	mg/l	NA	NA	NR	NA	5	**Semi-annual**	Grab	
pH	S.U.	NA	NA	NR	NA	5-9	**Semi-annual**	Instantaneous	
Phosphorus, Total [3]	mg/l	NA	NA	NR	NA	-----	**Semi-annual**	Grab	
Total Suspended Solids	mg/l	NA	NA	NR	NA	90	**Semi-annual**	Grab	
Zinc, Dissolved	mg/l	NA	NA	NR	NA	-----	**Semi-annual**	Grab	X
Zinc, Total	mg/l	NA	NA	NR	NA	0.16	**Semi-annual**	Grab	X

Table Footnotes and Remarks:

Footnotes:

[1] The first entry in this column is the 'Sample Frequency'. If a 'Reporting Frequency' does not follow this entry and the 'Sample Frequency' is more frequent than monthly then the 'Reporting Frequency' is monthly. If the 'Sample frequency' is specified as monthly, or less frequent, then the 'Reporting Frequency' is the same as the 'Sample Frequency'.

[2] Minimum Level Test refers to Section 6(A) of this permit.

[3] See Section 9(C) for information about benchmark monitoring.

Remarks:

"Semi-annual", means that a representative sample of the discharge shall be collected at any time during each of the following periods: January - June, inclusive and July - December, inclusive. The representative sample must consist of stormwater runoff treated through the Aqua-Filter Filtration Unit as well as untreated stormwater runoff that bypasses the Aqua-Filter unit.

For the months when a sample is not collected, the Discharge Monitoring Report shall be submitted with the comment, "Monitoring Conditional".

The results of the Toxicity Tests shall be recorded in % survival on the DMR.

(C)(3) EFFECTIVE 1460 DAYS (4 YEARS) FROM THE DATE OF PERMIT ISSUANCE, the discharge shall not exceed and shall otherwise conform to the specific terms and conditions listed below. The discharge is restricted by, and shall be monitored in accordance with, the table below:

Table K

Discharge Serial Number: 002-A	**Monitoring Location: 1**
Wastewater Description: Treated stormwater runoff from the central portion of the site	
Monitoring Location Description: Outlet pipe from Aqua-Filter Filtration System	**Instream Waste Concentration (IWC): 100%**

PARAMETER	UNITS	FLOW/TIME BASED MONITORING				INSTANTANEOUS MONITORING			Minimum Level Test [2]
		Average Monthly Limit	Maximum Daily Limit	Sample/Reporting Frequency [1]	Sample Type or Measurement to be reported	Instantaneous limit or required range	Sample/ Reporting Frequency [1]	Sample Type or measurement to be reported	
Aquatic Toxicity, Daphnia Pulex **NOAEL=100%**	%	NA	NA	NR	NA	≥ 90%	**Quarterly**	Grab	
Aquatic Toxicity, Pimephales promelas **NOAEL=100%**	%	NA	NA	NR	NA	≥ 90%	**Quarterly**	Grab	
Aluminum, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Chemical Oxygen Demand [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Chromium, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Copper, Dissolved	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Copper, Total	mg/l	NA	NA	NR	NA	0.012	**Quarterly**	Grab	X
Flow, Instantaneous (at time of sampling)	gpm	NA	NA	NR	NA	-----	**Quarterly**	Instantaneous	
Iron, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Lead, Dissolved	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Lead, Total	mg/l	NA	NA	NR	NA	0.015	**Quarterly**	Grab	X
Nickel, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Nitrogen, Ammonia (total as N)	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Nitrogen, Nitrate (total as N) [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Nitrogen, Total Kjeldahl [3]	mg/l	NA	NA	NA	NA	-----	**Quarterly**	Grab	
Oil and Grease, Total	mg/l	NA	NA	NR	NA	5.0	**Quarterly**	Grab	
pH	S.U.	NA	NA	NR	NA	5.0 – 9.0	**Quarterly**	Instantaneous	
Phosphorus, Total [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Total Suspended Solids	mg/l	NA	NA	NR	NA	90	**Quarterly**	Grab	
Zinc, Dissolved	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Zinc, Total	mg/l	NA	NA	NR	NA	0.032	**Quarterly**	Grab	X

Table Footnotes and Remarks:
Footnotes:

[1] The first entry in this column is the 'Sample Frequency'. If a 'Reporting Frequency' does not follow this entry and the 'Sample Frequency' is more frequent than monthly then the 'Reporting Frequency' is monthly. If the 'Sample frequency' is specified as monthly, or less frequent, then the 'Reporting Frequency' is the same as the 'Sample Frequency'.

[2] Minimum Level Test refers to Section 6(A) of this permit.

[3] See Section 9(C) for information about benchmark monitoring.

Remarks:

"Quarterly", means that a representative sample of the discharge shall be collected at any time during each of the following periods: January - March, inclusive; April - June, inclusive; July - September, inclusive and; October - December, inclusive.

For the months when a sample is not collected, the Discharge Monitoring Report shall be submitted with the comment, "Monitoring Conditional".

The results of the Toxicity Tests shall be recorded in % survival on the DMR.

(C)(4) EFFECTIVE 1460 DAYS (4 YEARS) FROM THE DATE OF PERMIT ISSUANCE, the discharge shall not exceed and shall otherwise conform to the specific terms and conditions listed below. The discharge is restricted by, and shall be monitored in accordance with, the table below:

Table L

Discharge Serial Number: 003-1	**Monitoring Location: 1**
Wastewater Description: Stormwater runoff from the eastern portion of the site	
Monitoring Location Description: Catch basin east of site in Commerce Street	**Instream Waste Concentration (IWC): 100%**

PARAMETER	UNITS	FLOW/TIME BASED MONITORING				INSTANTANEOUS MONITORING			Minimum Level Test [2]
		Average Monthly Limit	Maximum Daily Limit	Sample/Reporting Frequency [1]	Sample Type or Measurement to be reported	Instantaneous limit or required range	Sample/ Reporting Frequency [1]	Sample Type or measurement to be reported	
Aquatic Toxicity, Daphnia Pulex **NOAEL=100%**	%	NA	NA	NR	NA	≥ 90%	**Quarterly**	Grab	
Aquatic Toxicity, Pimpephales promelas **NOAEL=100%**	%	NA	NA	NR	NA	≥ 90%	**Quarterly**	Grab	
Aluminum, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Chemical Oxygen Demand [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Chromium, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Copper, Dissolved	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Copper, Total	mg/l	NA	NA	NR	NA	0.012	**Quarterly**	Grab	X
Flow, Instantaneous (at time of sampling)	gpm	NA	NA	NR	NA	------	**Quarterly**	Instantaneous	
Iron, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Lead, Dissolved	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Lead, Total	mg/l	NA	NA	NR	NA	0.015	**Quarterly**	Grab	X
Nickel, Total	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Nitrogen, Ammonia	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Nitrogen, Nitrate (total as N) [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Nitrogen, Total Kjeldahl [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Oil and Grease, Total	mg/l	NA	NA	NR	NA	5.0	**Quarterly**	Grab	
pH	S.U.	NA	NA	NR	NA	5.0 – 9.0	**Quarterly**	Instantaneous	
Phosphorus, Total [3]	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	
Total Suspended Solids	mg/l	NA	NA	NR	NA	90	**Quarterly**	Grab	
Zinc, Dissolved	mg/l	NA	NA	NR	NA	-----	**Quarterly**	Grab	X
Zinc, Total	mg/l	NA	NA	NR	NA	0.032	**Quarterly**	Grab	X

Table Footnotes and Remarks:

Footnotes:

[1] The first entry in this column is the 'Sample Frequency'. If a 'Reporting Frequency' does not follow this entry and the 'Sample Frequency' is more frequent than monthly then the 'Reporting Frequency' is monthly. If the 'Sample frequency' is specified as monthly, or less frequent, then the 'Reporting Frequency' is the same as the 'Sample Frequency'.

[2] Minimum Level Test refers to Section 6(A) of this permit.

[3] See Section 9(C) for information about benchmark monitoring.

Remarks:

"Quarterly", means that a representative sample of the discharge shall be collected at any time during each of the following periods: January - March, inclusive; April - June, inclusive; July - September, inclusive and; October - December, inclusive.

For the months when a sample is not collected, the Discharge Monitoring Report shall be submitted with the comment, "Monitoring Conditional".

The results of the Toxicity Tests shall be recorded in % survival ≥on the DMR.

(D) STORMWATER SAMPLING

(1) All samples shall be comprised of only the stormwater described in these tables. Samples shall be collected prior to combination with receiving waters or wastewater of any type, and after all approved treatment units, if applicable. All samples collected shall be representative of the discharge during standard operating conditions.

(2) All samples shall be collected from discharges resulting from a storm event that occurs at least 72 hours after any previous storm event generating a stormwater discharge. Any sample containing snow or ice melt must be identified on the Discharge Monitoring Report.

(3) Collection of grab samples shall begin during the first thirty (30) minutes of a storm event discharge and shall be completed as soon as possible.

(4) All discharge samples must be taken during the same storm event, if feasible.

(5) The date, discharge temperature, time of the start of the discharge, time of sampling, and magnitude (in inches) of the storm event sampled shall be recorded.

(6) The duration between the storm event sampled and the end of the most recent storm event that produced a discharge shall be recorded.

(7) In cases where limits and sample type are specified but sampling is not required by this permit, the limits specified shall apply to all samples which may be collected and analyzed by the Department of Energy and Environmental Protection personnel, the Permittee, or other parties.

(8) The limits imposed on the discharges listed in this permit take effect on the issuance date of this permit, hence any sample taken after this date which, upon analysis, shows an exceedance of permit limits will be considered non-compliance.

The monitoring requirements begin on the date of issuance of this permit if the issuance date is on or before the 12th day of a month. For permits issued on or after the 13th day of a month, monitoring requirements begin the 1st day of the following month.

SECTION 6: SAMPLE COLLECTION, HANDLING AND ANALYTICAL TECHNIQUES

(A) Chemical Analysis

(1) Chemical analyses to determine compliance with effluent limits and conditions established in this permit shall be performed using the methods approved pursuant to 40 CFR 136 unless an alternative method has been approved in writing pursuant to 40 CFR 136.4 or as provided in section 22a-430-3(j)(7) of the RCSA. Chemicals which do not have methods of analysis defined in 40 CFR 136 shall be analyzed in accordance with methods specified in this permit.

(2) All metals analyses identified in this permit shall refer to analyses for Total Recoverable Metal as defined in 40 CFR 136, **unless otherwise specified.**

(3) The Minimum Levels specified below represent the concentrations at which quantification must be achieved and verified during the chemical analyses for the parameters identified in Section 5 Tables

A - L. Analyses for these parameters must include check standards within ten percent of the specified Minimum Level or calibration points equal to or less than the specified Minimum Level.

Parameter	Minimum Level
Aluminum	10.0 ug/L
Chlorine, total residual	20.0 ug/L
Chromium	5.0 ug/L
Copper	5.0 ug/L
Lead	5.0 ug/L
Nickel	5.0 ug/L
Zinc	10.0 ug/L

(4) The value of each parameter for which monitoring is required under this permit shall be reported to the maximum level of accuracy and precision possible consistent with the requirements of this section of the permit.

(5) Effluent analyses for which quantification was verified during the analysis at or below the minimum levels specified in this section and which indicate that a parameter was not detected shall be reported as "less than x" where 'x' is the numerical value equivalent to the analytical method detection limit for that analysis.

(6) Results of effluent analyses which indicate that a parameter was not present at a concentration greater than or equal to the Minimum Level specified for that analysis shall be considered equivalent to zero (0.0) for purposes of determining compliance with effluent limitations or conditions specified in this permit.

(B) Acute Aquatic Toxicity Test

(1) Samples for monitoring of Aquatic Toxicity shall be collected and handled as prescribed in "Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms" (EPA/821-R-02-012).

(a) Grab samples shall be chilled immediately following collection. Samples shall be held at 4 degrees Centigrade until Aquatic Toxicity testing is initiated.

(b) Stormwater samples shall not be dechlorinated, filtered, or modified in any way prior to testing for Aquatic Toxicity unless specifically approved in writing by the Commissioner for monitoring at this facility.

(c) **Chemical analyses of the parameters identified in Section 5 Tables A - L shall be conducted on an aliquot of the same sample tested for Aquatic Toxicity.**

(i) At a minimum, pH, specific conductance, total alkalinity, total hardness, and total residual chlorine shall be measured in the stormwater sample and, during Aquatic Toxicity tests, in the highest concentration of test solution and in the dilution (control) water at the beginning of the test and at test termination. If Total Residual Chlorine is not detected at test initiation, it does not need to be measured at test termination. Dissolved oxygen, pH, and temperature shall be measured in the control and all test concentrations at the beginning of the test, daily thereafter, and at test termination.

(d) Tests for Aquatic Toxicity shall be initiated within 36 hours of stormwater sample collection.

(2) Monitoring for Aquatic Toxicity to determine compliance with the permit condition on Aquatic Toxicity (invertebrate) above shall be conducted for 48-hours utilizing neonatal Daphnia pulex (less than 24-hours old)

(3) Monitoring for Aquatic Toxicity to determine compliance with the permit condition on Aquatic Toxicity (vertebrate) above shall be conducted for 48-hours utilizing larval Pimephales promelas (1-14 days old with no more than 24-hours range in age).

(4) Tests for Aquatic Toxicity shall be conducted as prescribed for static non-renewal acute tests in "Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms" (EPA/821-R-02-012), except as specified below.

(a) Definitive (multi-concentration) testing, with LC50 as the endpoint, shall be conducted to determine compliance with limits on Aquatic Toxicity and monitoring conditions and shall incorporate, at a minimum, the following effluent concentrations:

(i) For Aquatic Toxicity Limits expressed as LC50 values of 33% or greater: 100%, 75%, 50%, 25%, 12.5%, and 6.25%

(ii) For Aquatic Toxicity Limits expressed as LC50 values between 15% and 33% and for monitoring only conditions: 100%, 50%, 25%, 12.5%, and 6.25%

(iii) For Aquatic Toxicity Limits expressed as LC50 values of 15% or less: 100%, 50%, 25%, 12.5%, 6.25%, and 3%

(b) Organisms shall not be fed during the tests.

(c) Copper nitrate shall be used as the reference toxicant in tests with freshwater organisms.

(d) Synthetic freshwater prepared with deionized water adjusted to a hardness of 50 mg/L (plus or minus 5 mg/L) as CaCO3 shall be used as dilution water in tests with freshwater organisms.

(5) Compliance with limits on Aquatic Toxicity shall be determined as follows:

(a) For limits expressed as a minimum LC50 value, compliance shall be demonstrated when the results of a valid definitive Aquatic Toxicity test indicates that the LC50 value for the test is greater than the Aquatic Toxicity Limit.

(b) For limits expressed as an NOAEL value, compliance shall be demonstrated when the results of a valid pass/fail Aquatic Toxicity test indicates there is 90% or greater survival in the effluent at the specified CTC.

SECTION 7: REPORTING REQUIREMENTS

(A) The results of chemical analyses and any aquatic toxicity test required above shall be entered on the Discharge Monitoring Report (DMR), provided by this office, and reported to the Bureau of Materials Management and Compliance Assurance (Attn: DMR Processing) at the address listed below in this paragraph.

In addition to the information required by Section 5 Tables A - L, **the following storm event information shall be submitted:**

- The date, discharge temperature, time of the start of the discharge, time of sampling, and magnitude (in inches) of the storm event sampled.
- The uncontaminated rainfall pH (before it contacts the ground or a roof surface) for the storm event sampled.
- The duration between the storm event sampled and the end of the most recent storm event that produced a discharge.

The report shall also include a detailed explanation of any violations of the limitations specified. **The DMR shall be received at this address by the last day of the month following the month in which samples are collected.**

Bureau of Materials Management and Compliance Assurance
Water Permitting and Enforcement Division (Attn: DMR Processing)
Connecticut Department of Energy and Environmental Protection
79 Elm Street
Hartford, CT 06106-5127

(B) Complete and accurate aquatic toxicity test data, including percent survival of test organisms in each replicate test chamber, LC50 values and 95% confidence intervals for definitive test protocols, and all supporting chemical/physical measurements performed in association with any aquatic toxicity test, including measured daily flow and hours of operation for the 30 consecutive operating days prior to sample collection if compliance with a limit on Aquatic Toxicity is based on toxicity limits based on actual flows described in Section 7, shall be entered on the Aquatic Toxicity Monitoring Report form (ATMR) and sent to the Bureau of Water Protection and Land Reuse at the following address. The ATMR shall be received at this address by the last day of the month following the month in which samples are collected.

Bureau of Water Protection and Land Reuse (Attn: Aquatic Toxicity)
Connecticut Department of Energy and Environmental Protection
79 Elm St.
Hartford, CT 06106-5127

(C) If this permit requires monitoring of a discharge on a calendar basis (e.g. Monthly, quarterly, etc.), but a discharge has not occurred within the frequency of sampling specified in the permit, the Permittee must submit the DMR and ATMR, as scheduled, indicating "NO DISCHARGE". For those Permittees whose required monitoring is discharge dependent (e.g. per batch), the minimum reporting frequency is monthly. Therefore, if there is no discharge during a calendar month for a batch discharge, a DMR must be submitted indicating such by the end of the following month.

(D) Prior to one-hundred and twenty (120) days after the issuance of this permit, the Permittee may either submit monitoring data and other reports to the Department in hard copy form or electronically using NetDMR, a web-based tool that allows Permittees to electronically submit discharge monitoring reports (DMRs) and other required reports through a secure internet connection. Unless otherwise approved in writing by the Commissioner, no later than one-hundred and twenty (120) days after the issuance of this permit, the Permittee shall begin reporting electronically using NetDMR. Specific requirements regarding subscription to NetDMR and submittal of data and reports in hard copy form and for submittal using NetDMR are described below:

1. Subscription to NetDMR

    a. On or before fifteen (15) days after the issuance of this permit, the Permittee and/or the person authorized to sign the Permittee's discharge monitoring reports ("Signatory Authority") as described in RCSA Section 22a-430-3(b)(2) shall contact the Department and subscribe to NetDMR for electronic submission of Discharge Monitoring Report (DMR) information. A copy of the NetDMR subscriber form is available on the Department's website.

2. Submittal of Reports Using NetDMR

    a. Unless otherwise approved by the Commissioner, on or before one-hundred and twenty (120) days after issuance of this permit, the Permittee and/or the Signatory Authority shall electronically submit DMRs and reports required under this permit to the Department using NetDMR in satisfaction of the DMR submission requirement of Section 7 of this permit, including but not limited to the electronic submission of any report in response to a permit violation, which at a minimum includes a detailed explanation of such violation, corrective actions performed and a schedule for the completion of any corrective actions remaining. NetDMR is accessed from the Department webpage: www.ct.gov/dep.

    b. DMRs shall be submitted electronically to the Department no later than the 15th day of the month following the completed reporting period. All reports required under the permit shall be submitted to the Department as an electronic attachment to the DMR. Once a Permittee begins submitting reports using NetDMR, it will no longer be required to submit hard copies of DMRs or other reports to the Department.

3. Submittal of NetDMR Opt-Out Requests

    a. If the Permittee is able to demonstrate a reasonable basis, such as technical or administrative infeasibility, that precludes the use of NetDMR for electronically submitting DMRs and reports, the Commissioner may approve the submission of DMRs and other required reports in hard copy form ("opt-out request"). Opt-out requests must be submitted in writing to the Department for written approval on or before fifteen (15) days prior to the date a Permittee would be required under this permit to begin filing DMRs and other reports using NetDMR. This demonstration shall be valid for twelve (12) months from the date of the Department's approval and shall thereupon expire. At such time, DMRs and reports shall be submitted electronically to the Department using NetDMR unless the Permittee submits a renewed opt-out request and such request is approved by the Department.

All opt-out requests and requests for the NetDMR subscriber form should be sent to the following address or by email at dep.netdmr@ct.gov.

Attn: NetDMR Coordinator
Connecticut Department of Energy and Environmental Protection
79 Elm Street
Hartford, CT 06106-5127

SECTION 8: RECORDING AND REPORTING OF VIOLATIONS, ADDITIONAL TESTING REQUIREMENTS

(A) If any sample analysis indicates Toxicity, or that the test was invalid, another sample of the effluent shall be collected and tested for Aquatic Toxicity and associated chemical parameters, as described above in Section 5 and Section 6, and the results reported to the Bureau of Materials Management and Compliance Assurance (Attn: DMR Processing), at the address listed above, within 30 days of the exceedance or invalid test. Results of all tests, whether valid or invalid, shall be reported.

(B) If any two consecutive test results or any three test results in a twelve month period indicates that an Aquatic Toxicity Limit has been exceeded, the Permittee shall immediately take all reasonable steps to eliminate toxicity wherever possible and shall submit a report to the Bureau of Materials Management and Compliance Assurance (Attn: Aquatic Toxicity) for the review and approval of the Commissioner in accordance with section 22a-430-3(j)(10)(c) of the RCSA describing proposed steps to eliminate the toxic impact of the discharge on the receiving water body. Such a report shall include a proposed time schedule to accomplish toxicity reduction and the Permittee shall comply with any schedule approved by the Commissioner.

(C) The Permittee shall notify the Bureau of Materials Management and Compliance Assurance, Water Permitting and Enforcement Division, within 72 hours and in writing within thirty days of the discharge of any substance listed in the application but not listed in the permit if the concentration or quantity of that substance exceeds two times the level listed in the application.

SECTION 9: STORMWATER POLLUTION PREVENTION PLAN

(A) Development of the Stormwater Pollution Prevention Plan

(1) On or before 60 days following permit issuance, the Permittee shall update the facility's existing Stormwater Pollution Prevention Plan ("Plan") to meet the requirements of this section. The Permittee shall perform all actions required by the Plan in accordance with the schedule set forth below. The Plan shall include records and documentation of compliance with these elements and shall be kept on-site at all times. The Permittee shall maintain compliance with the Plan thereafter.

(2) Signature and Plan Review

(A) The Plan shall be signed 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;

The Plan shall also be certified, in accordance with the "Plan Certification" section below, by a professional engineer licensed in the State of Connecticut or a Certified Hazardous Materials Manager.

The Plan shall be retained on site at the facility.

(B) The Permittee shall make a copy of the Plan available to the following immediately upon request:

(i) the commissioner at his/her own request or at the request of a member of the public;
(ii) to the operator of the municipal separate storm sewer system receiving the discharge.

(C) The commissioner may notify the Permittee at any time that the Plan does not meet one or more of the requirements of this section. Within 120 days of such notification unless otherwise specified by the commissioner in writing, the Permittee shall revise the Plan, perform all actions required by the revised Plan, and shall inform the Commissioner in writing that the requested changes have been made and implemented, and such other information as the commissioner requires.

(3) Plan Certification

The Plan shall contain the following certification, signed by a professional engineer licensed to practice in the State of Connecticut or a Certified Hazardous Materials Manager:

"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 this permit. 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."

(B) Contents of Plan

(1) 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 to the facility, the Plan shall identify it and provide an explanation as to why the element does not apply.

(A) Facility Description
Provide a description of the nature of the industrial activities at the facility.

(B) General location map
Provide a general location map (e.g., U.S. Geological Survey (USGS) quadrangle map) with enough detail to identify the location of the facility and all receiving waters to which stormwater discharges.

(C) Pollution Prevention Team
The Permittee shall identify a specific individual or individuals for the site who shall serve as members of a Stormwater Pollution Prevention Team ("team"). The team shall be responsible for implementing the Plan and assisting in the implementation,

maintenance, and development of revisions to the Plan as well as maintaining control measures and taking corrective actions where required. At least one team member shall be present at the facility or on call during all operational shifts. The Plan shall clearly identify the responsibilities of each team member. The activities and responsibilities of the team shall address all aspects of the Plan. Each member of the stormwater pollution prevention team must have ready access to either an electronic or paper copy of applicable portions of this permit and the Plan.

(D) Potential Pollutant Sources

The Plan shall map and describe the potential sources of pollutants that may reasonably be expected to affect stormwater quality at the site or that may result in the discharge of pollutants during dry weather from the site. The Plan shall identify all activities and materials that may be a source of stormwater pollution at the site. Accordingly, the Plan shall include, but not be limited to, the following:

(i) Site Map

A site map (at a defined or approximate scale) shall be developed showing:

1) a north arrow and surveyed or approximate property lines including the total site acreage;
2) location of existing buildings and structures;
3) the overall site size and amount of impervious coverage as well as an outline of the drainage area, including the extent of impervious surface, for each stormwater outfall and direction of flow within the drainage area;
4) existing structural control measures installed to reduce pollutants in stormwater runoff;
5) locations of all stormwater conveyances including catchbasins, ditches, pipes, and swales as well as the location of any non-stormwater discharges;
6) the areal extent of any wetlands to which stormwater discharges;
7) the receiving surface water body or bodies to which the site discharges including the identification of any impaired waters and whether or not a TMDL has been established for them;
8) location where major spills or leaks have occurred;
9) locations of all stormwater monitoring points including latitude and longitude, where available;
10) locations of discharges to a municipal storm sewer system;
11) locations where any drainage run-on enters the site; and
12) each location of the following activities and associated types of pollutants where such activities are exposed to precipitation:
    - fueling stations;
    - vehicle and equipment maintenance and/or cleaning areas;
    - loading/unloading areas;
    - locations used for the treatment, storage or disposal of wastes;
    - liquid storage tanks;
    - de-icing material storage areas;
    - processing areas;
    - storage areas;
    - areas with the potential for erosion that may impact surface waters or wetlands or may have off-site impacts; and
    - any other potential pollutant sources.

(ii) Inventory of Exposed Materials
A tabular inventory of non-gaseous materials at the site, including a description of potential pollutants associated with those materials that may be exposed to stormwater between the time of three years prior to the date of certification of the Plan and the present for the following areas:
1) loading and unloading operations;
2) roof areas;
3) outdoor storage activities;
4) outdoor manufacturing or processing activities;
5) dust or particulate generating processes; and
6) on-site waste disposal practices.

(iii) Summary of Potential Pollutant Sources
A narrative summary of each area of the site specified in " Inventory of Exposed Materials" section of this permit and each associated potential source of pollution. Such summary shall include:
1) method and location of on-site storage or disposal;
2) materials management practices employed to minimize contact of materials with stormwater runoff between the time of three years prior to the effective date of this permit and the present;
3) the location and a description of existing structural and non-structural control measures to reduce pollutants in stormwater runoff; and
4) a description of any treatment the stormwater receives.

(iv) Spills and Leaks
A list of spills and leaks of five 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 Plan.

(2) Control Measures
Control Measures are required Best Management Practices (BMP) that the Permittee must implement to minimize the discharge of pollutants from the permitted facility. The term "minimize" means reduce and/or eliminate to the extent achievable using control measures that are technologically available and economically practicable and achievable in light of best industry practice.

The Permittee must document the location and type of control measures installed and implemented at the site. The Permittee shall discuss the appropriateness and priorities of control measures in the Plan and how they address identified potential sources of pollutants at the site. The Plan shall include a schedule for implementing such controls measures if not already implemented.

(A) Good Housekeeping
The Permittee must maintain a clean, orderly facility (e.g. sweeping at regular intervals, appropriate storage practices, proper garbage and waste management, dust control measures, etc.) in all areas that are exposed to rainfall and are potential sources of pollutants.

(B) Vehicle or Equipment Washing
The Permittee must provide, at a minimum, that no washing or rinsing of equipment, buildings or vehicles shall be allowed at the site which would allow wash or rinse waters to enter any storm drainage system or surface waters of the State without a permit. Such discharges to groundwater are not authorized by this permit.

(C) Floor Drains
The Permittee must provide that all floor drains have been sealed, authorized by a local authority to discharge to sanitary sewer or allowed by DEP in accordance with the "Non-Stormwater Discharges" section of this permit.

(D) Roof Areas
The Permittee must identify roof areas that may be subject to drippage, dust or particulates from exhausts or vents or other sources of pollution. The Permittee must inspect or monitor the runoff from these areas to determine if any potential sources of stormwater pollution are present. If so, the Permittee must minimize such sources or potential sources of pollution.

(E) Minimize Exposure
The Permittee must minimize exposure to stormwater of materials identified in the "Inventory of Exposed Materials" section.

(F) Sediment and Erosion Control
The Permittee must identify areas that have a potential for soil erosion due to topography, activities, or other factors, and shall implement measures to limit erosion and stabilize such areas. All construction activities on site shall be conducted in accordance with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control (Guidelines) and the "Future Construction" section of this permit.

(G) Preventive Maintenance and Inspections - Schedules and Procedures
The Permittee shall document in the Plan the schedules and procedures for implementation of control measures, monitoring and inspections. These include, but are not limited to: sweeping, waste management practices and other good housekeeping measures; regular inspections, testing, maintenance, and repair of all industrial equipment and systems potentially exposed to stormwater, procedures for preventing and responding to spills and leaks; employee training; routine and any other inspections. The Permittee must implement a preventive maintenance program, which shall include but not be limited to: the inspection and maintenance of all stormwater management devices (e.g. cleaning stormwater treatment devices, catch basins, catch basin inserts, etc.); the visual inspection and/or testing of on-site equipment and systems to identify conditions that could cause breakdowns or failures resulting in discharges of pollutants to surface waters; and the appropriate maintenance of such equipment and systems. These areas shall be included in the "Routine Inspections" section of this permit. If the Permittee maintains an existing preventive maintenance program that addresses the requirements of this control measure, that program may be used to meet this requirement. The existence of such a program and the location of its maintenance records shall be referenced in the Plan.

(1) **Semi-Annual Inspections**
The Permittee must provide that qualified personnel shall conduct comprehensive site inspections at appropriate intervals specified in the Plan, but in no event less frequently than semi-annually. Such evaluations shall, at a minimum, include:

(a) Visual inspection of material handling areas and other potential sources of pollution identified in the Plan for evidence of, or the potential for, pollutants entering the stormwater drainage system. Structural stormwater management measures, erosion control measures, control measures and other structural pollution prevention measures identified in the Plan shall be observed to ensure that they are implemented and maintained properly. A visual inspection of equipment needed to implement the plan, such as spill response equipment, shall be made. Inspections should be made during rainfall events if possible.

(b) Preparation of a report summarizing the scope of the inspection, personnel making the inspection, the date(s) of the inspection, major observations relating to the Plan, actions taken, and updates made to the Plan shall be made and retained as part of the Stormwater Pollution Prevention Plan for at least five years. The report shall be signed by the Permittee.

(2) Routine Inspections
In addition to the Semi-annual inspections required above, the Permittee shall identify in the Plan qualified personnel to visually inspect designated equipment and specific sensitive areas of the site **AT LEAST BIWEEKLY**. A written set of tracking or follow-up procedures shall be used to ensure that appropriate actions are taken in response to the inspections. Records of routine inspections shall be maintained in the Plan kept on-site.

(H) Spill Prevention and Response Procedures
The Permittee must minimize the potential for leaks and spills. This shall include clearly identifying areas where potential spills can occur and their accompanying drainage points. The Permittee must plainly label containers (e.g., "Used Oil," "Spent Solvents," "Fertilizers and Pesticides," etc.) that could be susceptible to spillage or leakage in areas that could contribute pollutants to stormwater runoff. The Permittee shall identify procedures for containing, reporting and cleaning up spills. These procedures must be provided to the appropriate personnel through Employee Training along with the necessary equipment to implement a cleanup.

1) Containment
To prevent unauthorized discharges of liquid chemicals or wastewater from commingling with or polluting a facility's stormwater discharges, or otherwise causing pollution to the waters of the state, the Permittee shall comply with the following requirements, as applicable:

(i) Stationary Storage or Storage Areas
Storage area means an exterior area, which is or has the potential to be exposed to stormwater that contains one or more tanks or containers utilized for the storage of liquid chemicals or for the collection, storage or treatment of wastewater.

Any stationary above-ground tank, container or storage area used for the storage of liquid chemicals, liquid chemicals identified in the "Spills and Leaks" section of this general, or for the collection, storage or treatment of wastewater shall, at a minimum, comply with one of the following types of secondary containment requirements:

(1) A double-walled above-ground tank or container; or

(2) For any storage area, tank or container installed prior to the date of this permit, an impermeable secondary containment area which will hold at least 100% of the volume of the largest tank or container or 10% of the total volume of all tanks and containers in the area, whichever is larger, without overflow from such secondary containment area: or

(3) For any storage area, tank or container installed after the date of this permit, an impermeable secondary containment area which will hold at least 110% of the volume of the largest tank or container or 10% of the total volume of all tanks and containers in the area, whichever is larger, without overflow from such secondary containment area.

(iii) Containment exemption for certain stationary above-ground storage tanks, containers, and areas

(1) The secondary containment requirements above do not apply to stationary above-ground storage and treatment tanks and containers, and storage areas if such tanks, containers, and storage areas are associated with a discharge(s) authorized by a permit issued pursuant to Section 22a-430 or 22a-430b of the Connecticut General Statutes.

(iv) Additional requirements

An impermeable secondary containment area installed after the date of issuance of this permit shall be roofed in a manner which minimizes stormwater entry to the containment area, except for a containment area which stores tanks or containers of 100 gallon capacity or more, in which case a roof is not required. Stormwater that may accumulate in a containment area may be discharged only after the Permittee conducts testing to confirm that it contains none of the relevant pollutants stored therein. For petroleum storage containment areas, visual inspection for a sheen fulfills this requirement. If testing is not conducted or if it indicates the presence of a relevant pollutant, this containment water must be treated and/or disposed of according to DEP and federal regulations.

2) Dumpsters

The Permittee must ensure that all dumpsters, trash compactors, and "roll-off" containers used to store waste or recyclable materials are in sound watertight condition and have covers and drain plugs intact, or are in roofed areas that will prevent exposure to rainfall and will not allow dumpster leakage to enter any stormwater drainage system. All covers on dumpsters not under a roof must be closed when dumpsters are not being loaded or unloaded.

3) Loading Docks

The Permittee shall provide that stormwater collection and drainage facilities adjacent to the loading dock shall be designed and maintained in a way that prevents any materials spilled or released at the loading dock from discharging to the storm sewer system. Loading docks (excluding those that allow a vehicle to enter the building) installed after the issuance of this permit shall be protected with a permanent roof or other structure that protects the loading dock from direct rainfall.

(I) Employee Training

The Permittee shall ensure that all employees whose activities may affect stormwater quality receive training within ninety (90) days of employment and at least once a year thereafter to make them familiar with the components and goals of these control measures and the Plan. Training shall address topics such as emergency equipment location, spill response management, control measures, inspection requirements, good housekeeping and materials management practices. Training shall be conducted or supervised by a member of the Pollution Prevention Team or other qualified person and a written record shall be maintained in the Plan, including the date(s), employee name, employee responsibility and training agenda.

(J) Solid De-icing Material Storage

The Permittee must ensure that storage piles of de-icing materials (including pure salt, salt alternatives or either of these mixed with other materials) used for deicing or other commercial or industrial purposes that are in place for more than 180 days shall be enclosed or covered by a rigid or flexible roof or other structural means. Such structure shall not allow for the migration or release of material outside of the structure through its sidewalls. For temporary storage piles of de-icing materials in place for less than 180 days per year, a waterproof cover may be used to prevent exposure to precipitation (except for exposure necessary to add or remove materials from the pile). In areas with a groundwater classification of GA or GAA, an impervious liner shall be utilized under any de-icing material pile to prevent infiltration to groundwater.

(K) Non-Stormwater Discharge Certification

The Permittee must eliminate non-stormwater discharges except as provided below. The Plan shall include the following certification, signed by a professional engineer licensed to practice in the State of Connecticut or a Certified Hazardous Materials Manager:

> "I certify that in my professional judgment, the 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, or of stormwater combined with any of the following discharges provided they do not contribute to a violation of 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 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 any testing and/or evaluation, and the on-site drainage points that were directly observed during the test have been described in detail in the Stormwater Pollution Prevention Plan prepared for the site. I further certify that no interior building floor drains exist unless such floor drain connection has been approved and permitted by the commissioner or otherwise authorized by a local authority for discharge as domestic sewage to sanitary sewer. I am aware that there may be significant penalties for false statements in this certification, including the possibility of fine and imprisonment for knowingly making false statements."

(3) Additional requirements for stormwater discharges associated with industrial activity through municipal separate storm sewer systems as may be required by the municipality.

In addition to the applicable requirements of this permit, the Plan must comply with applicable requirements in a municipal separate storm sewer system (MS4) permit for the municipal separate storm sewer system that receives the facility's stormwater discharge, provided such discharger has been notified of such conditions.

(4) Consistency with Other Plans and Permits
The Plan may reference requirements contained in a Spill Prevention Control and Countermeasure (SPCC) plan or a plan prepared or approved under the Resource Conservation and Recovery Act (RCRA) and other plans required by state, federal or local law. A copy of the pertinent sections of any referenced plan must be kept with the Plan. The Plan shall identify all general and individual permits issued by the DEP for which the facility is authorized.

(5) Future Construction
Note that any construction activity that disturbs greater than one acre must be conducted in accordance with the General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities (as amended). All construction activities, regardless of size, shall comply with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control during construction and the 2004 Connecticut Stormwater Quality Manual for the design and implementation of post-construction stormwater management measures. In addition, the Permittee shall avoid the use of copper or galvanized roofing or building materials for any new building construction where these materials will be exposed to stormwater.

(6) Monitoring Program
A description of the monitoring program implemented to comply with the sampling requirements of Section 5 Tables A – L of this permit.

(C) Benchmark Monitoring

Benchmark Concentrations:

Chemical Oxygen Demand (mg/l)	75
Total Phosphorous (mg/l)	0.40
Total Kjeldahl Nitrogen (mg/l)	2.30
Nitrate as Nitrogen (mg/l)	1.1

In accordance with "Keeping Plan Current" ((Section 9(D) below), should the average of four consecutive monitoring values exceeds the benchmark for any parameter, then the Permittee must review the selection, design, installation and implementation of the control measures to determine if modifications are necessary to meet the benchmarks in this permit, and either:

- Make the necessary modifications to the control measures and Plan; or
- Make a determination that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice to implement additional control measures or meet the benchmarks. The Permittee must also document the rationale for concluding that no further pollutant reductions are achievable and submit this documentation to the Commissioner for written approval. The Permittee must retain all records related to this documentation with the Plan.

If an exceedance of the four event average is mathematically certain, then the Permittee must review the control measures and perform any required corrective action immediately (or document why no corrective action is required), without waiting for the full four monitoring events, in accordance with the "Keeping Plan Current" (Section 9(D) below). If after modifying the control measures and conducting additional monitoring, the average of the most recent 4 monitoring events still exceeds the benchmark (or if an exceedance of the benchmark by the 4 event average is mathematically certain for the most recent 4 monitoring events), the Permittee must again review the control measures and take one of the two actions above. **Provided the Permittee complies with all requirements of this Benchmark Monitoring section, exceedance of the benchmarks is not, in itself, a violation of this permit.**

(D) Keeping Plan Current

The Permittee shall amend the Plan whenever;

(1) there is a change at the site which has an effect on the potential to cause pollution of the surface waters of the state;
(2) the actions required by the Plan fail to ensure or adequately protect against pollution of the surface waters of the state; or
(3) the Commissioner requests modification of the Plan;
(4) the Permittee is notified that they are subject to requirements because the receiving water to which the industrial activity discharges has been designated as impaired under Section 303(d) of the Clean Water Act and as identified in the most recent State of Connecticut Integrated Water Quality Report;
(5) the Permittee is notified that a TMDL to which the Permittee is subject has been established for the stormwater receiving water;

(6) necessary to address any significant sources or potential sources of pollution identified as a result of any inspection or visual monitoring;
(7) required as a result of monitoring benchmarks or effluent limitations.

The Plan shall be amended and all actions required by the Plan shall be completed within one hundred twenty (120) days (or within another interval as may be specified in this general permit or as may be approved in writing by the Commissioner) of the date the Permittee becomes aware or should have become aware that any of the conditions listed above has occurred.

If significant changes are made to the site or to the Plan in accordance with paragraphs (D)(1)-(7) above, the Plan shall be recertified in accordance with the "Non-Stormwater Discharges" and "Plan Certification" sections of this permit, by a professional engineer licensed to practice in the State of Connecticut or a Certified Hazardous Materials Manager. The Permittee shall maintain compliance with such Plan thereafter.

(E) Failure to Prepare or Amend Plan

In no event shall failure to complete or update a Plan in accordance with this permit relieve a Permittee of responsibility to implement actions required to protect the surface waters of the state, complete any actions that would have been required by such Plan, and to comply with all conditions of the permit.

SECTION 10: COMPLIANCE SCHEDULE

(A) ROSER'S POND SEDIMENT STUDY

On or before 365 days after the date of issuance of this permit, the Permittee shall submit for the Commissioner's review and written approval, the results of the Roser's Pond Sediment Study as described in the Scope of Study dated August 13, 2008 and contained in the Connecticut Galvanizing NPDES Application No. 200502286 Modifications Submittal received on April 3, 2009.

(B) AQUASHIELD AQUA-FILTER FILTRATION SYSTEM

As soon as possible, but no later than 180 days after the date of issuance of this permit, the Permittee shall install the AquaShield Aqua-Filter Filtration system (AquaShield) at DSN 002-A and shall commence the post-installation stormwater monitoring plan approved by the Commissioner on July 13, 2010. The Permittee shall notify the Commissioner in writing within 14 days of the installation of the AquaShield. Results of analyses of samples collected in accordance with the post-installation stormwater monitoring plan shall be submitted to the Department within 30 days of sample collection. On *or before* 270 days after the installation of the system, the Permittee shall submit for the Commissioner's review and written approval, a comprehensive and thorough report of the effectiveness of the AquaShield to treat stormwater runoff. Such report shall: discuss the results of the stormwater monitoring plan; evaluate the effectiveness of the AquaShield to comply with the effluent limitations in Section 5 of this permit; discuss the applicability of and, if applicable, provide a schedule for installing the AquaShield to treat stormwater runoff at DSN 001 and DSN 003; or propose alternative treatment methods, additional pollution prevention measures (such as installing additional cover to prevent exposure), and/or best management practices in order to comply with the effluent limitations in Section 5 of this permit.

(C) **STORMWATER POLLUTION PREVENTION PLAN UPDATE**

(1) **On or before 548 days (1.5 years) after the date of issuance of this permit**, the Permittee shall submit for the Commissioner's review and written approval, an update to the Stormwater Pollution Prevention Plan describing measures to be implemented to meet the effluent limitations and timelines in Section 5(B) of this permit. Such report shall:

(a) evaluate alternative actions to achieve compliance with Section 5(B) limits including, but not limited to, pollutant source reduction, process changes/innovations, additional roofing of storage and processing areas, recycle and zero discharge systems, additional end-of-pipe treatment technologies, and/or other stormwater best management practices;

(b) state in detail the most expeditious schedule for performing each alternative;

(c) list all permits and approvals required for each alternative, including but not limited to any permits required under sections 22a-32, 22a-42a, 22a-342, 22a-361, 22a-368 or 22a-430 of the Connecticut General Statutes;

(d) propose a preferred alternative or combination of alternatives with supporting justification; and

(e) propose a detailed program and schedule to perform all actions required by the preferred alternative including, but not limited to, a schedule for submission of engineering plans and specifications on any internal and/or end of pipe treatment facilities, start and completion of any construction activities related to any treatment facilities, and applying for and obtaining all permits and approvals required for such actions.

(2) **On or before 1,095 days (3 years) after the date of issuance of this permit**, the Permittee shall submit for the Commissioner's review and written approval, an update to the Stormwater Pollution Prevention Plan describing measures to be implemented to meet the effluent limitations and timelines in Section 5(C) of this permit. Such report shall:

(a) evaluate alternative actions to achieve compliance with Section 5(C) limits including, but not limited to, pollutant source reduction, process changes/innovations, additional roofing of storage and processing areas, recycle and zero discharge systems, additional end-of-pipe treatment technologies, and/or other stormwater best management practices;

(b) state in detail the most expeditious schedule for performing each alternative;

(c) list all permits and approvals required for each alternative, including but not limited to any permits required under sections 22a-32, 22a-42a, 22a-342, 22a-361, 22a-368 or 22a-430 of the Connecticut General Statutes;

(d) propose a preferred alternative or combination of alternatives with supporting justification; and

(e) propose a detailed program and schedule to perform all actions required by the preferred alternative including, but not limited to, a schedule for submission of engineering plans and specifications on any internal and/or end of pipe treatment facilities, start and completion of any construction activities related to any treatment facilities, and applying for and obtaining

all permits and approvals required for such actions.

(3) The Permittee shall submit to the Commissioner quarterly status reports beginning sixty days after the date of approval of the Plan update(s) referenced in Section 10(C) above. Status reports shall include, but not be limited to, a detailed description of progress made by the Permittee in performing actions required by this section of the permit in accordance with the approved schedule including, but not limited to, development of engineering plans and specifications, construction activity, contract bidding, operational changes, a monitoring program, preparation and submittal of permit applications, and any other actions specified in the program approved pursuant to paragraph (C) of this section.

(4) The Permittee shall perform the approved actions in accordance with the approved schedule, but in no event shall the approved actions be completed later **than 913 days (2.5 years) after the date of issuance of this permit for the actions required by Section 10(C)(1) of this permit, and 1,460 days (4 years) after the date of issuance of this permit for the actions required by Section 10(C)(2) of this permit**. Within fifteen days after completing such actions, the Permittee shall certify to the Commissioner in writing that the actions have been completed as approved.

(D) The Permittee shall use best efforts to submit to the Commissioner all documents required by this section of the permit in a complete and approvable form. If the Commissioner notifies the Permittee that any document or other action is deficient, and does not approve it with conditions or modifications, it is deemed disapproved, and the Permittee shall correct the deficiencies and resubmit it within the time specified by the Commissioner or, if no time is specified by the Commissioner, within thirty days of the Commissioner's notice of deficiencies. In approving any document or other action under this Compliance Schedule, the Commissioner may approve the document or other action as submitted or performed or with such conditions or modifications as the Commissioner deems necessary to carry out the purposes of this section of the permit. Nothing in this paragraph shall excuse noncompliance or delay.

(E) Dates. The date of submission to the Commissioner of any document required by this section of the permit shall be the date such document is received by the Commissioner. The date of any notice by the Commissioner under this section of the permit, including but not limited to notice of approval or disapproval of any document or other action, shall be the date such notice is personally delivered or the date three days after it is mailed by the Commissioner, whichever is earlier. Except as otherwise specified in this permit, the word "day" as used in this section of the permit means calendar day. Any document or action which is required by this section only of the permit, to be submitted, or performed, by a date which falls on, Saturday, Sunday, or, a legal Connecticut or federal holiday, shall be submitted or performed on or before the next day which is not a Saturday, Sunday, or legal Connecticut or federal holiday.

(F) Notification of noncompliance. In the event that the Permittee becomes aware that it did not or may not comply, or did not or may not comply on time, with any requirement of this section of the permit or of any document required hereunder, the Permittee shall immediately notify the Commissioner and shall take all reasonable steps to ensure that any noncompliance or delay is avoided or, if unavoidable, is minimized to the greatest extent possible. In so notifying the Commissioner, the Permittee shall state in writing the reasons for the noncompliance or delay and propose, for the review and written approval of the Commissioner, dates by which compliance will be achieved, and the Permittee shall comply with any dates that may be approved in writing by the Commissioner. Notification by the Permittee shall not excuse noncompliance or delay, and the Commissioner's approval of any compliance dates proposed shall not excuse noncompliance or delay unless specifically so stated by the Commissioner in writing.

(G) Notice to Commissioner of changes. Within fifteen days of the date the Permittee becomes aware of a change in any information submitted to the Commissioner under this section of the permit, or that any such information was inaccurate or misleading or that any relevant information was omitted, the Permittee shall submit the correct or omitted information to the Commissioner.

(H) Submission of documents. Any document, other than a discharge monitoring report, required to be submitted to the Commissioner under this section of the permit shall, unless otherwise specified in writing by the Commissioner, be directed to:

Karen Allen
Department of Energy and Environmental Protection
Bureau of Materials Management and Compliance Assurance
Water Permitting and Enforcement Division
79 Elm Street
Hartford, CT 06106-5127

This permit is hereby issued on

9/30/11

FOR Daniel C. Esty
Commissioner

DE/KLA