TABLE OF CONTENTS

PART I GENERAL REQUIREMENTS: NJPDES 1
A. General Requirements of all NJPDES Permits 1
1. Requirements Incorporated by Reference 1
2. General Conditions 1
3. Operation and Maintenance 1
4. Monitoring and Records 2
5. Reporting Requirements 2
PART II GENERAL REQUIREMENTS: DISCHARGE CATEGORIES 3
A. Additional Requirements Incorporated By Reference 3
1. Stormwater Discharge Requirements 3
2. NJPDES Rules 3
B. Other General Requirements 3
1. Other Laws 3
2. Notification of Changes 3
3. Other Discharges 3
4. Construction Activities 4
5. Extension of Permit Deadlines 4
6. Monitoring Location & Outfall Tagging 4
7. Mandatory Monthly Monitoring 5
8. Record Keeping 5
C. Authorization Under this Permit 6
1. Permit Area 6
2. Eligibility 6
3. Authorization 7
4. Automatic Renewal of Authorization 7
D. Requests for Authorization Requirements 8
1. Deadline for Requesting Authorization (Existing Discharges) 8
2. Deadline for Requesting Authorization (New Operations) 8
3. Requesting Authorization 8
4. Contents of the Request for Authorization 9
5. Where to Submit 10
6. Additional Notification 10
7. Requiring an Individual Permit of another General Permit 10
PART III LIMITS AND MONITORING REQUIREMENTS 11
Table III - A - 1: Surface Water DMR Limits and Monitoring 11
Table III - B - 1: Ground Water DMR Limits and Monitoring 15
PART IV SPECIFIC REQUIREMENTS: NARRATIVE 18
Notes and Definitions 18
A. Notes and Definitions 18
1. Footnotes 18
2. Definitions 18
3. Stormwater Acronyms 22
Stormwater Requirements 23
A. Permit Conditions 23
1. Permit Overview 23
B. Stormwater Pollution Prevention Plan 24
1. SPPP Minimum Requirements 24
2. Drainage Control 24
3. Drainage Control Plan 25
4. Maintaining an SPPP 27
C. Discharges to Surface Water (if applicable) 27
1. General Conditions 27
2. Design Criteria 27

3. Action Level 28
4. Effluent Limitations 28
D. Discharges to Ground Water (if applicable) 28
1. General Conditions 28
2. Infiltration Basin(s) Construction Requirements 29
3. Infiltration Basin Failure, Inactivity, and Redesign 29
4. Design Criteria 31
5. Operation and Maintenance Manual 31
6. Emergency Plan 33
E. Mandatory Stormwater Control Measures (SCMs) 33
1. General Conditions 33
2. Staging of Inbound Vehicles 34
3. Vehicle Fluid Draining and Dismantling 34
4. Existing Outdoor Vehicle Inventory 36
5. Outdoor Vehicle and Vehicle Part Storage 36
6. Vehicle Crushing 37
7. Vehicle and Equipment Washing 38
8. Vehicle Parts Cleaning/Solvent Degreasing 38
9. Vehicle Equipment Maintenance and Repair 38
10. Site Stabilization and Site Paving 39
11. Oil/Water Separator Performance Standard and Maintenance 39
12. Spill Response and Aboveground Storage Tank Management 40
13. Outdoor Gasoline and Vehicle Fluid Storage 41
14. Discharge of Stormwater from Secondary Containment 41
15. Transfer and Fueling of Gasoline and other Fuels 41
16. Preventative Maintenance 42
17. Outfall Stabilization 42
18. Employee Training 42
19. Compliance with Local Ordinances 43
F. Submittal, Certifications, and Deadlines 43
1. Existing Facilities 43
2. New Facilities 43
3. Annual Inspection, Report and Certification 44
G. Monitoring 45
1. Monitoring Schedule 45
2. Monitoring Locations 45
3. Monitoring Criteria 45
4. Collection and Analysis of Samples 45
H. Reporting Requirements 46
1. Discharge Monitoring Report (DMR) Forms 46
2. Reporting "No Discharge" 46
3. Mailing Discharge Monitoring Reports 46

Vehicle Recycling Stormwater General Permit
(NJ0163279)
PART I
GENERAL REQUIREMENTS: NJPDES

A. General Requirements of all NJPDES Permits

1. Requirements Incorporated by Reference

a. The facility shall comply with all conditions set forth in this permit and with all the applicable requirements incorporated into this permit by reference.

b. The facility is required to comply with the regulations, including those cited below, which are in effect as of the effective date of the final permit.

2. General Conditions

a. Penalties for Violations N.J.A.C. 7:14-8.1 et seq.

b. Incorporation by Reference N.J.A.C. 7:14A-2.3

c. Toxic Pollutants N.J.A.C. 7:14A-6.2(a)4i

d. Duty to Comply N.J.A.C. 7:14A-6.2(a)1 & 4

e. Duty to Mitigate N.J.A.C. 7:14A-6.2(a)5 & 11

f. Inspection and Entry N.J.A.C. 7:14A-2.11(e)

g. Enforcement Action N.J.A.C. 7:14A-2.9

h. Duty to Reapply N.J.A.C. 7:14A-4.2(e)3

i. Signatory Requirements N.J.A.C. 7:14A-4.9

j. Effect of Permit/Other Laws N.J.A.C. 7:14A-6.2(a)6 & 7 & 2.9(c)

k. Severability N.J.A.C. 7:14A-2.2

l. Administrative Continuation of Permits N.J.A.C. 7:14A-2.8

m. Permit Actions N.J.A.C. 7:14A-2.7(c)

n. Re opener Clause N.J.A.C. 7:14A-6.2(a)10

o. Permit Duration and Renewal N.J.A.C. 7:14A-2.7(a) & (b)

p. Consolidation of Permit Process N.J.A.C. 7:14A-15.5

q. Confidentiality N.J.A.C. 7:14A-18.2 & 2.11(g)

r. Fee Schedule N.J.A.C. 7:14A-3.1

s. Treatment Works Approval N.J.A.C. 7:14A-22 & 23

3. Operation and Maintenance

a. Need to Halt or Reduce N.J.A.C. 7:14A-2.9(b)

b. Proper Operation and Maintenance N.J.A.C. 7:14A-6.12

4. Monitoring and Records

a. Monitoring N.J.A.C. 7:14A-6.5

b. Recordkeeping N.J.A.C. 7:14A-6.6

c. Signatory Requirements for Monitoring Reports N.J.A.C. 7:14A-6.9

5. Reporting Requirements

a. Planned Changes N.J.A.C. 7:14A-6.7

b. Reporting of Monitoring Results N.J.A.C. 7:14A-6.8

c. Noncompliance Reporting N.J.A.C. 7:14A-6.10 & 6.8(h)

d. Hotline/Two Hour & Twenty-four Hour Reporting N.J.A.C. 7:14A-6.10(c) & (d)

e. Written Reporting N.J.A.C. 7:14A-6.10(e) & (f) & 6.8(h)

f. Duty to Provide Information N.J.A.C. 7:14A-2.11, 6.2(a)14 & 18.1

g. Schedules of Compliance N.J.A.C. 7:14A-6.4

h. Transfer N.J.A.C. 7:14A-6.2(a)8 & 16.2

PART II
GENERAL REQUIREMENTS: DISCHARGE CATEGORIES

A. Additional Requirements Incorporated By Reference

1. Stormwater Discharge Requirements

a. In addition to the conditions in Part I of this permit, the conditions in this section are applicable to activities at the permitted location and are incorporated by reference. The facility is required to comply with the regulations, which are in effect as of the effective date of this final permit.

i. Conditions for General permits at N.J.A.C. 7:14A-6.13.

ii. Procedures and conditions applicable to certain stormwater discharges at N.J.A.C. 7:14A-24.

iii. Procedures and conditions applicable to discharges to ground water at N.J.A.C. 7:14A-7.

iv. Requirements for Underground Injection Control (UIC) Program at N.J.A.C. 7:14A-8.4, 8.9, and 8.16.

2. NJPDES Rules

a. Copies of the NJPDES rules may be purchased by contacting Lexis Nexis Customer Service at (800) 223-1940, or go to the Lexis Nexis bookstore on the Internet at www.lexisnexis.com/bookstore.

B. Other General Requirements

1. Other Laws

a. In accordance with N.J.A.C. 7:14A-6.2(a)7, this permit does not authorize any infringement of State or local law or regulations, including, but not limited to the Pinelands rules (N.J.A.C. 7:50), N.J.A.C. 7:1E (Department rules entitled "Discharges of Petroleum and other Hazardous Substances"), and all other Department rules. No discharge of hazardous substances (as defined in N.J.A.C. 7:1E-1.6) resulting from an onsite spill shall be deemed to be "pursuant to and in compliance with this permit" within the meaning of the Spill Compensation and Control Act at N.J.S.A. 58:10-23.11c.

2. Notification of Changes

a. The facility shall give written notification to the Department of any planned physical or operational alterations or additions to the permitted facility when the alteration or addition is expected to result in a significant change in the facility's discharge and/or residuals use or disposal practices including the cessation of discharge in accordance with N.J.A.C. 7:14A-6.7.

3. Other Discharges

a. If, at any time, it is discovered that the facility generates and discharges to surface waters or ground waters any wastewater (such as boiler blowdown, steam or air compressor condensate, vehicle wash water, etc.) other than those discharges specifically authorized by this permit, the facility shall discontinue any such discharge and apply for the appropriate NJPDES DSW or DGW permit in accordance with N.J.A.C. 7:14A.

b. Any septic systems, disposal beds, seepage pits (dry wells), or cesspools found to receive discharges of industrial waste are considered to be Class IV wells and are prohibited pursuant to N.J.A.C. 7:14A-8.4. All such discharges shall be discontinued immediately.

4. Construction Activities

a. This permit does not authorize "stormwater discharges associated with industrial activity" from construction activity that disturbs one (1) acre or more or "stormwater discharges associated with small construction activity" as defined in N.J.A.C. 7:14A-1.2. In general, this is the discharge to surface water of stormwater from construction activity that disturbs at least one (1) or more acres. Any facility that operates a construction site with such a discharge shall submit a separate RFA or individual permit application for that discharge. An RFA submitted for the Vehicle Recycling Industrial Stormwater General Permit does not qualify as an RFA for such a discharge.

i. Authorization shall be obtained under NJPDES Permit No. NJ0088323 (General Stormwater Permit Construction Activity) for stormwater discharges to surface water from construction activities disturbing one (1) or more acre(s) of total land area.

5. Extension of Permit Deadlines

a. The Department may grant up to a twelve (12) month extension to the deadline to implement an SPPP, if the facility submits a written request for such extension, at least thirty (30) days prior to the deadline, establishing to the Department's satisfaction that the Federal, State and local permits and approvals necessary for the construction of SCMs identified in the SPPP could not with due diligence be obtained within the time period set forth in the permit.

6. Monitoring Location & Outfall Tagging

a. All facilities with discharges that flow through an outfall assigned a Discharge Serial Number (DSN) shall identify the outfall with an outfall tag. The tag should be attached to an outfall pipe or posted in close proximity of the sampling point of the outfall area. The outfall tag shall be:

i. Legible;

ii. Located as near to the end of the outfall pipe or as near to the sampling point as possible;

iii. Made of durable material such as metal; and

iv. Maintained on a regular basis, such as cleaned and inspected to ensure that the tag is properly attached.

b. The outfall tag shall display, at a minimum, the following information:

i. The name of the facility where the discharge originates;

ii. The NJPDES permit number;

iii. The department hotline phone number (877-WARN DEP); and

iv. The DSN for that particular outfall.

c. The monitoring location shall be clearly delineated and include the information from b above, in as close proximity as practicable, avoiding hazardous conditions.

7. Mandatory Monthly Monitoring

a. In accordance with N.J.A.C. 7:14A-6.5(d), the Department shall automatically adjust a facility's effluent monitoring and reporting frequency to monthly when the facility:

i. Reports effluent values that would make the facility a serious violator, as defined in N.J.S.A. 58:10A-3v, for one or more parameters for which the facility is required to report less frequently than monthly. Monthly reporting is only required for parameters with serious violations; or

ii. Fails to submit a completed Discharge Monitoring Report (DMR).

b. The monthly reporting shall begin the first month after the submission of the DMR or the month in which the facility was required to submit the completed DMR to the Department which results in the facility becoming a serious violator. If the Department grants an affirmative defense pursuant to N.J.A.C. 7:14-8.3(i) for an effluent violation, the violation shall not be considered a serious violation and shall not be subject to monthly reporting as stated above.

c. Any facility required to adjust its monitoring and reporting shall continue this monthly schedule until the facility has submitted six (6) consecutive monthly DMRs which show compliance with the particular serious violation parameter at the particular discharge point, at which time the facility may resume the original schedule in its permit.

8. *Record Keeping*

a. Record Keeping Requirements

i. The facility shall retain records of all monitoring information, laboratory analysis sheets with chain of custody, maintenance records, and copies of all forms required by this permit for a period of at least five (5) years.

b. SPPP Record Keeping Requirements

i. The SPPP shall be signed by a representative of the facility, and the original shall be retained at the facility for use by the facility and inspection by the Department.

ii. The SPPP shall be made available, upon request, to a representative of the Department and to the owner and operator of any municipal separate storm sewer receiving the stormwater discharge.

iii. The SPPP shall be made available to the public upon request, except as noted below.

iv. The facility may claim any portion of the SPPP as confidential in accordance with the provisions set forth in N.J.A.C. 7:14A-18.2.

C. Authorization Under this Permit

1. Permit Area

a. This permit applies to all areas of the State of New Jersey.

2. Eligibility

a. This permit authorizes new and existing industrial stormwater discharges to the surface and/or ground waters of the State (waters of the State) from facilities engaged in the wholesale or retail distribution of used vehicle parts, including the dismantling of motor vehicles.

b. This permit does not authorize the following:

i. Stormwater discharges to surface and/or ground waters of the State from facilities with other regulated industrial activities;

ii. Stormwater discharges authorized under another New Jersey Pollutant Discharge Elimination System (NJPDES) Discharge to Surface Water (DSW) or NJPDES Discharge to Ground Water (DGW) permit (including an expired permit), or combined with domestic wastewater or process wastewater prior to treatment (except pursuant to N.J.A.C. 7:14A-6);

iii. Stormwater discharges from facilities with "sanitary landfills" as defined in N.J.A.C. 7:26-1.4 or "hazardous waste landfills" as defined in N.J.A.C. 7:26G, unless those landfills have been closed in compliance with N.J.A.C. 7:26-2A.9 (the Solid Waste rules) or N.J.A.C. 7:26G (the Hazardous Waste rules);

iv. Stormwater discharges from facilities subject to United States Environmental Protection Agency (USEPA) stormwater effluent limitation guidelines, under 40 CFR Subchapter N;

v. "New operations" with discharges to surface waters classified as Category One (C1), Pinelands Waters (PL), Fresh Water One (FW1) or Saline Coastal (SC) designated in the tables in N.J.A.C. 7:9B-1.15 (Surface Water Quality Standards);

vi. "New operations" with discharges to ground water in areas classified under N.J.A.C. 7:9-6 (Ground Water Quality Standards) as Class 1-A and Class 1-PL, or which discharge to ground water that contributes to surface waters classified as C1 or FW1; or

vii. Stormwater discharges from projects or activities that conflict with an adopted area wide or Statewide Water Quality Management Plan (WQM plan).

3. Authorization

a. In order to obtain authorization under this permit (except for automatic renewal authorization under Part II C.4), a complete Request for Authorization (RFA) shall be submitted in accordance with the requirements of this permit. Upon review of the RFA, the Department may, in accordance with N.J.A.C. 7:14A-6.13, either:

i. Issue notification of authorization under this permit, in which case, authorization is deemed effective as of the first day of the following month;

ii. Deny authorization under this permit and require submittal of an application for an individual permit; or

iii. Deny authorization under this permit and require submittal of an RFA for another general permit.

b. A complete RFA shall contain all the information required by Part II D, including all forms, signatures, and certifications.

c. For discharges authorized under this permit, the facility is exempt from N.J.A.C. 7:14A-6.2(a)2. This exemption means that the discharge of any pollutant not specifically regulated in the NJPDES permit or listed and quantified in the NJPDES application or RFA shall not constitute a violation of the permit.

d. Authorization under this permit shall cease to be effective under N.J.A.C. 7:14A- 6.13(f), (h), (j) and (o), where applicable.

4. Automatic Renewal of Authorization

a. Authorization under this permit will be automatically renewed when this general permit is reissued as provided by N.J.A.C. 7:14A-6.13(d)9 and 25.4(a)3 so long as the discharge remains eligible. The Department shall issue a notice of renewed authorization to the facility.

b. If the facility is aware of any information in the most recently submitted RFA that is no longer true, accurate and/or complete, the facility shall provide the correct information to the Department within ninety (90) days of the effective renewal authorization notice.

D. Requests for Authorization Requirements

1. (EXISTING DISCHARGERS) Deadline for Requesting Authorization

a. Pursuant to N.J.A.C. 7:14 A-24.4 any "stormwater discharge associated with industrial activity" as defined in N.J.A.C. 7:14A-1.2, shall have submitted a request for authorization for a stormwater general permit or an application for an individual NJPDES stormwater permit by April 1, 1993 (with limited exceptions).

i. Existing stormwater discharges associated with industrial activity from unpermitted facilities may submit an RFA to the Department for authorization under this permit. The Department may accept an RFA submitted after the foregoing deadline; however the discharger is liable for violations that occurred prior to the submission of the RFA, including discharging without a permit.

2. (NEW OPERATIONS) Deadline for Requesting Authorization

a. An RFA for new operations shall be submitted at least sixty (60) days prior to the commencement of industrial activity.

i. The Department may accept an RFA submitted after the foregoing deadline.

ii. New operations shall submit with the RFA the Department's Generic Certification Form certifying that the facility has implemented all Stormwater Control Measures (SCMs) required by the permit and is in compliance with all permit conditions, prior to the commencement of industrial activity.

iii. The Department reserves the right to authorize a facility as a "New Operation" even if it has an "existing discharge".

3. Requesting Authorization

a. A separate RFA shall be submitted by each person who is an operating entity engaged in the wholesale or retail distribution of used vehicle parts, including the dismantling of motor vehicles, with a "stormwater discharge associated with industrial activity".

i. Separate RFAs shall be submitted for separate facilities. No two buildings may be considered to be within a single facility unless those buildings are on the same or adjacent properties.

b. When a facility is owned by one person but is currently operated by another person, the operating entity shall submit the RFA.

c. If two or more persons request authorization under this permit for activities within a single building, then those activities should be considered to be within a single facility.

d. If a facility has more than one operating entity at a single facility and their stormwater discharges are commingled, such entities should jointly submit a single RFA for the facility.

4. Contents of the Request for Authorization

a. The RFA shall include all of the following information:

i. Applicant(s)/Operating Entity's business name, mailing address, and telephone number;

ii. Parent company's (if applicable) name, mailing address, and telephone number;

iii. Property/Land owner's legal name, mailing address, including a contact person and telephone number;

iv. Location of Facility/Site's name, address, and lot and block;

v. Facility Contact's name, affiliation, mailing address, and telephone number;

vi. Facility description and current or proposed use;

vii. Operating Status (government, commercial, religious, charitable, public school);

viii. Status of Facility (existing or new operation) and, if the facility is a new operation, the date industrial activities will commence;

ix. Requested permit action and requested discharge activity (Vehicle Recycling Industrial Stormwater General Permit NJ0163279);

x. List of other NJPDES permits associated with the facility (if applicable);

xi. Applicant Agent's name, position, company, company's mailing address, telephone and signature (if applicable);

xii. Applicant Certification and original signature; and

xiii. An 8.5" x 11" copy of a portion of the U.S. Geological Survey Topographic Map, 7.5 minute quadrangle series, depicting the site boundaries with existing discharge location(s), and the name of the quadrangle(s) where the site is located.

xiv. (NEW OPERATIONS) Submit a copy of the Drainage Control Plan prepared in accordance with Part IV.B.3.

xv. (NEW OPERATIONS) Submit the Department's Generic Certification Form certifying that the facility has prepared and implemented a Stormwater Pollution Prevention Plan (SPPP) and is in compliance with all permit conditions.

b. Additional information may be required by the Department to be included as part of the RFA if the Department determines that such additional information (including other data, reports, specifications, plans, permits, or other information) is reasonably necessary to determine whether to authorize the discharge under this permit.

5. Where to Submit

a. The required information shall be entered on the Department's RFA-1 Storm form. The RFA-1 Storm form shall be submitted to:

New Jersey Department of Environmental Protection (NJDEP)
Division of Water Quality
Office of Permit Management
P.O. Box 029
Trenton, NJ 08625-0029

6. Additional Notification

a. Facilities that discharge stormwater associated with the regulated industrial activity through a municipal separate storm sewer system (MS4) shall submit, upon request of the MS4 operator, a copy of the RFA to the owner of and operating entity for that system.

i. The owner and operator of a MS4 may be a municipality, county, or highway agency (e.g., New Jersey Department of Transportation, South Jersey Transportation Authority, or New Jersey Turnpike Authority).

7. Requiring an Individual Permit or another General Permit

a. Pursuant to N.J.A.C. 7:14A-6.13(e) the Department may require any facility authorized under this permit to apply for and obtain an individual permit, or seek and obtain authorization under another general permit.

i. If a facility fails to submit an application or an RFA by the date specified by the Department in the required notice, the general permit authorization under this permit shall be automatically terminated at the end of the day specified for submitting the application form or an RFA.

b. In accordance with N.J.A.C. 7:14A-6.13(g) any facility authorized under this permit may request to be excluded from authorization under this permit by applying for an individual permit or for another general permit.

PART III
LIMITS AND MONITORING REQUIREMENTS

MONITORED LOCATION: 001A Stormwater DSW

RECEIVING STREAM:

STREAM CLASSIFICATION:

DISCHARGE CATEGORY(IES): RVR –Vehicle Recycling (GP)

Contributing Waste Types
Storm Water Runoff

Surface Water DMR Reporting Requirements
Beginning 24 months after Effective Date of Permit Authorization (except for "New Operations" as defined by this permit). Submit a Quarterly DMR: due 25 calendar days after the end of each quarter.

Table III – A – 1: Surface Water DMR Limits and Monitoring
PHASE: **Final** PHASE Start Date: PHASE End Date:

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
pH	Effluent Gross Value	****	****	****	REPORT Daily Minimum	****	REPORT Daily Maximum	SU	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Solids, Total Suspended	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	MG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Chemical Oxygen Demand (COD)	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	MG/L	1/Quarter	Grab
January thru December										
Carbon, Tot Organic (TOC)	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	MG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Arsenic, Total (as As)	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	UG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			

Surface Water DMR Reporting Requirements

Beginning 24 months after Effective Date of Permit Authorization (except for "New Operations" as defined by this permit). Submit a Quarterly DMR: due 25 calendar days after the end of each quarter.

Table III – A – 1: Surface Water DMR Limits and Monitoring

PHASE: Final PHASE Start Date: PHASE End Date:

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Nickel, Total (as Ni)	Effluent Gross Value	***	***	****	***	REPORT Monthly Average	REPORT Daily Maximum	UG/L	1/Quarter	Grab
January thru December	QL	****	****		****	***	***			
Copper, Total (as Cu)	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	UG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Iron, Total (as Fe)	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	UG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Zinc, Total (as Zn)	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	UG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Aluminum, Total (as Al)	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	UG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Lead, Total (as Pb)	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	UG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			

Surface Water DMR Reporting Requirements

Beginning 24 months after Effective Date of Permit Authorization (except for "New Operations" as defined by this permit). Submit a Quarterly DMR: due 25 calendar days after the end of each quarter.

Table III – A – 1: Surface Water DMR Limits and Monitoring

PHASE: Final PHASE Start Date: PHASE End Date:

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Mercury, Total (as Hg)	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	UG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Naphthalene	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	UG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Methyl tert-butyl	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	UG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Toluene	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	UG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Benzene	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	UG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Ethylbenzene	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	UG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			

Surface Water DMR Reporting Requirements

Beginning 24 months after Effective Date of Permit Authorization (except for "New Operations" as defined by this permit). Submit a Quarterly DMR: due 25 calendar days after the end of each quarter.

Table III – A – 1: Surface Water DMR Limits and Monitoring

PHASE: Final PHASE Start Date: PHASE End Date:

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Xylenes, Total January thru December	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	UG/L	1/Quarter	Grab
	QL	***	***		***	***	***			
Gasoline January thru December	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	MG/L	1/Quarter	Grab
	QL	***	***		***	***	***			
Diesel Fuel Oil #2 January thru December	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	MG/L	1/Quarter	Grab
	QL	***	***		***	***	***			
TPHC January thru December	Effluent Gross Value	****	****	****	****	10 Mothly Average	15 Daily Maximum	MG/L	1/Quarter	Grab

MONITORED LOCATION: I01I Stormwater DGW

RECEIVING STREAM:

STREAM CLASSIFICATION:

DISCHARGE CATEGORY(IES): RVR – Vehicle Recycling (GP)

Contributing Waste Types
Storm Water Runoff

Ground Water DMR Reporting Requirements
Beginning 24 months after Effective Date of Permit Authorization (except for "New Operations" as defined by this permit). Submit a Quarterly DMR: due 25 calendar days after the end of each quarter.

Table III – B – 1: Ground Water DMR Limits and Monitoring
PHASE: Final PHASE Start Date: PHASE End Date:

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
pH	Effluent Gross Value	****	****	****	REPORT Daily Minimum	****	REPORT Daily Maximum	SU	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Carbon, Tot Organic (TOC)	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	MG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Arsenic, Total (as As)	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	UG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Nickel, Total (as Ni)	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	UG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			

Ground Water DMR Reporting Requirements

Beginning 24 months after Effective Date of Permit Authorization (except for "New Operations" as defined by this permit). Submit a Quarterly DMR: due 25 calendar days after the end of each quarter.

Table III – B – 1: Ground Water DMR Limits and Monitoring

PHASE: Final PHASE Start Date: PHASE End Date:

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Copper, Total (as Cu)	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	UG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Iron, Total (as Fe)	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	UG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Zinc, Total (as Zn)	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	UG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Aluminum, Total (as Al)	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	UG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Lead, Total (as Pb)	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	UG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Naphthalene	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	UG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			

Ground Water DMR Reporting Requirements

Beginning 24 months after Effective Date of Permit Authorization (except for "New Operations" as defined by this permit). Submit a Quarterly DMR: due 25 calendar days after the end of each quarter.

Table III – B – 1: Ground Water DMR Limits and Monitoring

PHASE: Final PHASE Start Date: PHASE End Date:

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Methyl tert-butyl	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	UG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Toluene	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	UG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Benzene	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	UG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Ethylbenzene	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	UG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Xylenes (Total)	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	UG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Petroleum Hydrocarbons, Tot.	Effluent Gross Value	****	****	****	****	REPORT Monthly Average	REPORT Daily Maximum	MG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			

PART IV
SPECIFIC REQUIREMENTS: NARRATIVE
Notes and Definitions

A. Notes and Definitions

1. Footnotes

a. Below are additional permit requirements that relate to the Limits and Monitoring Requirements contained in Part III of this permit:

i. Pursuant to N.J.A.C. 7:14A-12.6 the discharge of foam or causing foaming of the receiving water is prohibited if the foam creates objectionable deposits, forms floating masses, produces an objectionable color or odor, or interferes with designated uses.

ii. Pursuant to N.J.A.C. 7:14A-12.8(c) dischargers shall limit the oil and grease effluent content so that such effluent does not exhibit a visible sheen.

iii. The parameter Total Petroleum Hydrocarbons (TPHC) shall be analyzed using E.P.A. Method 1664A SGT-HEM; nonpolar material.

iv. Reporting guidelines are contained in the latest edition of the Department's "Monitoring Report Form (MRF) Reference Manual". A copy of this manual can be found on the Department website at http://www.state.nj.us/dep/dwq/pdf/MRF_Manual.pdf .

v. Grab sample shall be collected at the designated sampling points and shall be collected within 30 minutes of the stormwater discharge or as soon thereafter as practicable. Sampling guidelines are contained in the latest edition of the NJDEP's "Field Sampling Procedures Manual". A copy of this manual can be found on the Department website at http://www.state.nj.us/dep/srp/guidance/fspm/.

vi. pH analysis shall be performed by a certified facility or laboratory. pH holding time cannot exceed 15 minutes. A facility may become certified through the Office of Quality Assurance's (OQA's) Environmental Laboratory Certification Program (ELCP) to perform pH analyses in the field.

2. Definitions

a. The definitions set forth in N.J.A.C. 7:14A-1.2 and MRF Reference Manual are incorporated into this permit by reference.

b. The following definitions apply to this permit:

i. "Action Level" is a level that causes a listed parameter to become a numeric effluent limitation.

ii. "Design criteria" means pollutant concentrations that represent a level of concern where its concentration in stormwater

is believed to potentially impair or contribute to impairing water quality and/or affect human health from ingestion of water or fish. Design criteria are established as "design goals" for Stormwater Control Measures (SCMs) and/or stormwater treatment.

iii. "Effective Date of Permit Authorization" or "EDPA" means the date an individual facility's authorization to discharge under the Vehicle Recycling Industrial Stormwater General Permit (NJ0163279) becomes effective. The Effective Date of Permit Authorization is found on the facility's authorization page.

iv. "Effluent Limitation" means any restriction on quantities, quality, discharge rates and concentration of chemical, physical, thermal, biological, radiological, and any other constituents of pollutants established by permit, or imposed as an interim effluent limit pursuant to an administrative order, including an administrative consent order.

v. "Existing Discharge" means a discharge(s) of stormwater associated with the regulated industrial activity from a facility engaged in the wholesale or retail distribution of used vehicle parts, including the dismantling of motor vehicles, that has commenced operation.

vi. "Existing Vehicle" means any vehicle stored at the facility prior to twenty-four months from the effective date of permit authorization (EDPA +24).

vii. "Fabric Framed Structure" is a permanent structure, as defined by this permit, if it meets the following specifications:

- The structure shall be designed to withstand at least 110 mph winds;
- The structure shall be covered by a PVC or other similar fire rated material with a minimum twenty (20) year warranty;
- Concrete blocks, jersey barriers or other similar material shall be placed around the interior of the structure to protect the side walls during loading and unloading;
- The design shall prevent stormwater run-on and run through;
- The structure shall be erected on an impervious surface;
- The structure cannot be open sided; and
- The structure shall have a roll up door or other means of sealing the access way from wind driven rainfall.

viii. "Hazardous pollutant" means any toxic pollutant; any hazardous substance as defined by the New Jersey Spill Compensation and Control Act, N.J.S.A. 58:10-23.11; any substance regulated as a pesticide under the Federal Insecticide,

Fungicide and Rodenticide Act, 7 U.S.C. Section 136 et seq.; any substance the use or manufacture of which is prohibited under the Federal Toxic Substances Control Act, 15 U.S.C. Section 2601 et seq.; any substance identified as a known carcinogen by the International Agency for Research on Cancer; and/or any hazardous waste designated pursuant to the New Jersey Solid Waste Management Act, N.J.S.A. 13:1E-1 et seq. or the Federal Resource Conservation and Recovery Act, 42 U.S.C. Section 6901 et seq.

ix. "Impervious surface" means a surface that has been covered with a layer of material so that it is highly resistant to infiltration by water or other substances. (Asphalt, concrete and cement pavement in good condition are the only materials considered impervious surfaces for the purpose of this permit.)

x. "Inbound vehicle" is a vehicle which is brought to the facility, after EDPA +24, specifically for the recycling of vehicle parts and has not been processed in accordance with this permit.

xi. "Infiltration Basin" means a structural Stormwater Control Measures within highly permeable soils that provides temporary storage of stormwater.

xii. "Monitoring location" means a discrete point where a representative stormwater sample can be taken.

xiii. "Municipal separate storm sewer" means a conveyance or system of conveyances owned or operated by the United States, an interstate agency, a State, city, town, borough, county, or other public body used for collecting or conveying stormwater, that discharges to surface water or groundwater and is not a combined sewer or part of a Publicly Owned Treatment Works (POTW).

xiv. "New Operations" means a vehicle recycling facility that has yet to commence industrial activity.

xv. "Non-hazardous pollutant" means a pollutant which is not hazardous.

xvi. "Operating Condition" means the vehicle will start and is able to be driven.

xvii. "Outfall" means the point where a facility discharges stormwater to surface water or the point where the discharge connects to another stormwater system which ultimately discharges to surface water.

xviii. "Permanent Structure" means a building or structure that is anchored to a permanent foundation with an impervious floor, and that is completely roofed and walled. This includes fabric framed structures as defined in this permit.

xix. "Permitted outfall" means an outfall specifically authorized under this general permit to discharge stormwater associated with the regulated industrial activity. Stormwater discharged through a permitted outfall shall meet the effluent limitations contained in Part III of the permit. All permitted outfalls shall be identified in the Drainage Control Plan.

xx. "Regulated Industrial Activity" means any activity, which is directly related to the manufacturing, processing, transfer and/or storage of materials at the permitted industrial facility.

xxi. "Secondary Containment" means any structures, devices or combinations thereof supplementary to the ordinary containers employed in the normal course of storage, transfer, processing or use, designed and operated to prevent leaks of (hazardous) substances from becoming discharges.

xxii. "Storage Structure" means any rigid container, building, storage unit, or permanent structure with a roof, sides and an impervious floor that prevents contact of source materials with stormwater (e.g. water tight shipping container, or fabric framed structure). This specifically excludes tarps, overhangs, covered racks, trailers and lean-tos.

xxiii. "Storm Event" means any precipitation event that results in a stormwater discharge.

xxiv. "Stormwater" means water resulting from precipitation (including rain or snow) that runs off the land's surface, is transmitted to the subsurface, or is captured by separate storm sewers or other sewerage or drainage facilities.

xxv. "Vehicle" means a conveyance used to transport people or goods, which may include railcars, watercraft and/or aircraft.

3. Stormwater Acronyms

a. "AST" - Aboveground Storage Tank
b. "SCM"- Stormwater Control Measures
c. "CFR"- Code of Federal Regulations
d. "DMR"- Discharge Monitoring Report
e. "DCP"- Drainage Control Plan
f. "DSN"- Discharge Serial Number
g. "EDPA" - Effective Date of Permit Authorization
h. "EDPA +3" - three months from EDPA
i. "EDPA +6" - six months from EDPA
j. "EDPA +12" - twelve months from EDPA
k. "EDPA +21" - twenty-one months from EDPA
l. "EDPA +24" - twenty-four months from EDPA
m. "EDPA +36" - thirty-six months from EDPA
n. "ELCP" - Environmental Laboratory Certification Program
o. "MRF" – Monitoring Report Form
p. "N.J.A.C."- New Jersey Administrative Code
q. "NJPDES"- New Jersey Pollutant Discharge Elimination System
r. "N.J.S.A."- New Jersey Statutes Annotated
s. "NOAA" - National Oceanic and Atmospheric Administration
t. "O&M" - Operation and Maintenance
u. "OQA" - Office of Quality Assurance
v. "PCB" - Polychlorinated Biphenyl
w. "POTW" - Publicly Owned Treatment Works
x. "SOP" - Standard Operating Procedure
y. "SPPP"- Stormwater Pollution Prevention Plan
z. "TPHC" - Total Petroleum Hydrocarbons
aa. "TWA" - Treatment Works Approval
bb. "UST" - Underground Storage Tank

Stormwater Requirements

A. Permit Conditions

1. Permit Overview

a. The facility shall develop, implement, update and maintain a Stormwater Pollution Prevention Plan (SPPP), which includes a site specific Drainage Control Plan (DCP) and a written description of how the facility will implement required Stormwater Control Measures (SCMs) to eliminate, reduce, or minimize exposure of source materials to stormwater.

i. The DCP shall ensure that all "stormwater associated with the regulated industrial activity" as defined in N.J.A.C. 7:14A-1.2, is directed to an outfall that discharges to surface water or to an infiltration basin that discharges to ground water (see Part IV B).

b. All stormwater associated with the regulated industrial activity discharged to surface water shall be through a permitted outfall(s).

i. All stormwater associated with the regulated industrial activity discharged to surface water shall be monitored on a quarterly basis and shall meet the effluent limitations and design criteria specified in the permit (see Part III, Table 1 and Part IV.C).

c. All stormwater associated with the regulated industrial activity discharged to ground water shall be through an infiltration system designed to infiltrate the total runoff volume of a two (2) year, twenty-four (24) hour storm event volume within seventy-two (72) hours, except incidental stormwater discharges to groundwater of overland flow from unpaved areas as allowed by this permit.

i. The facility shall install impervious pavement when specifically required by an SCM in Part IV E.
ii. The facility shall monitor all stormwater influent to the infiltration basin (if applicable) on a quarterly basis and meet the design criteria specified in the permit (see Part III, Table 2 and Part IV D).

d. Design criteria are provided by the Department to assist the facility with selecting and designing appropriate SCMs and gauging the effectiveness of those SCMs once implemented (see Part IV C.2 & Part IV D.4).

e. The facility shall implement the industry specific SCMs contained in the permit and any additional SCMs, including treatment, to ensure compliance with the permit (see Part IV E).

i. The following activities shall be conducted in a permanent structure pursuant to permit conditions:
- Fluid draining and collection (see Part IV E.3);
- Vehicle dismantling (see Part IV E.3);
- Vehicle parts cleaning/solvent degreasing (see Part IV E.8); and
- Vehicle, equipment, and parts repair or maintenance (see Part IV

E.9).

ii. The following activities shall be conducted within a storage structure pursuant to permit conditions:
- The storage of any vehicle and vehicle part prohibited from being stored outdoors pursuant to Part IV E.5.

iii. The following activities may be conducted outdoors pursuant to permit conditions:
- Inbound vehicle staging (see Part IV E.2);
- Vehicle crushing (see Part IV E.6);
- Storage of vehicles and vehicle parts listed in (see Part IV E.5);
- Storage of vehicles in operating condition (see Part IV E.3.f);
- Gasoline and vehicle fluid storage (see Part IV E.13); and
- Transfer and fueling of gasoline and other fuels (see Part IV E.15).

B. Stormwater Pollution Prevention Plan

1. SPPP Minimum Requirements

a. The SPPP shall address all stormwater discharges associated with the regulated industrial activity at the facility.

b. The facility shall gain drainage control of the stormwater runoff from all areas of industrial activity, including source materials, in accordance with Part IV B.2.

c. The facility shall include a DCP as a section within the SPPP in accordance with Part IV B.3.

d. The SPPP shall identify those SCMs that are in place to eliminate, reduce, or minimize exposure of stormwater to source materials.

i. Refer to the Department's "Vehicle Recycling Industrial Stormwater General Permit Guidance Document" for further information.

e. The SPPP shall demonstrate that the stormwater discharges associated with the regulated industrial activity meet the permit conditions contained in Part III and Part IV of this permit.

f. The SPPP shall be prepared and implemented in accordance with good engineering practices and shall include, at a minimum, all of the SCMs required by the permit.

g. The SPPP shall be retained at the facility for use by the facility and inspection by the Department.

2. Drainage Control

a. Drainage Control shall be established in all areas where the regulated industrial activity occurs.

b. To establish drainage control a facility shall:

i. Ensure all stormwater associated with the regulated industrial activity is discharged through a permitted outfall(s) to surface water or to a monitoring location directly prior to an infiltration basin that discharges to ground water;

ii. Create a representative monitoring location for each regulated outfall(s) and/or infiltration basin

- Monitoring locations shall be before the stormwater co-mingles with any other waste stream, body of water or substance

iii. Eliminate any uncontrolled discharge of stormwater associated with the regulated industrial activity to ground water, except incidental stormwater discharges to groundwater of overland flow from unpaved areas as allowed by this permit.

- The facility shall install impervious pavement when specifically required by an SCM in Part IV E.

iv. Separate the discharge of stormwater not associated with the regulated industrial activity (e.g., rooftop runoff, employee parking) from regulated discharges.

c. In areas of industrial activity that cannot be diverted to a permitted outfall, the facility shall eliminate industrial activity in these areas.

3. Drainage Control Plan

a. The facility shall prepare and implement a DCP, which is composed of:

i. A written narrative; and

ii. A Drainage Control Map.

b. The DCP shall be certified by a New Jersey licensed Professional Engineer.

c. Elevations for the drainage control map shall be measured by a New Jersey licensed Professional Land Surveyor.

d. The written narrative shall describe how the facility will establish drainage control and shall include the following:

i. Facility name;

ii. New Jersey Pollutant Discharge Elimination System (NJPDES) permit authorization number (NJG_____) and Program Interest I.D. number;

iii. An alpha-numeric Discharge Serial Number(DSN) (e.g., DSN001A, DSN002A, DSN003A) for each surface water monitoring location(s);

iv. An alpha-numeric identifier (e.g., I01I, I02I, I03I) for each monitoring location into an infiltration basin(s);

v. The latitude and longitude for each monitoring location(s);

vi. The name of all receiving water bodies (for discharges to surface water) and assigned New Jersey Surface Water Quality Standards' classifications;

vii. The name of the receiving aquifer (for discharges to ground water) and assigned New Jersey Ground Water Quality Standards' classification;

viii. A description of any proposed stormwater treatment; and

ix. (EXISTING DISCHARGERS) A schedule with specific timeframes and interim milestones for implementing all elements of the DCP. The schedule cannot extend beyond twenty-four (24) months from the effective date of permit authorization.

e. The Drainage Control Map shall be on a scale of 1 inch =100 feet or larger (more detailed), and shall be legible and clearly depict the following information:

i. Site boundary;

ii. Title block containing tax block and lot number;

iii. North directional arrow;

iv. Date prepared and date of any subsequent revision(s);

v. A legend using standard symbols;

vi. The location of each regulated outfall;

vii. Surface water outfall monitoring location(s) and assigned discharge serial number for each regulated outfall, if applicable;

viii. Location of any infiltration basin(s);

ix. Monitoring location and assigned identifier (e.g., I01I, I02I, I03I) for each regulated infiltration basin(s), if applicable;

x. Proposed drainage areas, including flow and drainage patterns;

xi. Final grading of drainage areas, including elevations and flow arrows showing the drainage to regulated outfall(s);

xii. Flow diversion structures (e.g., swales, berms, embankments);

xiii. Any proposed treatment units;

xiv. Receiving water bodies and name;

xv. Existing buildings and other structures;

xvi. All areas of regulated industrial activity, as well as the location of materials storage associated with the regulated industrial activity;

xvii. Access roads; and

xviii. Areas not associated with regulated industrial activity including employee and customer parking.

4. Maintaining an SPPP

a. The SPPP is a working document and shall be updated to reflect changes at the facility.

C. Discharges to Surface Water (if applicable)

1. General Conditions

a. If discharging stormwater to surface water, all stormwater associated with regulated industrial activity shall be directed to discrete surface water outfalls that are monitored in accordance with this permit's conditions.

b. If monitoring results exceed the design criteria, action level, or effluent limitation(s) of this permit, the facility shall:

i. Evaluate potential sources of the pollutant that exceeded the design criteria, action level or effluent limitation(s);

ii. Identify and implement SCMs (e.g. source control, operational control, stormwater treatment) by which the facility can improve stormwater quality;

iii. Update the SPPP with improvements or changes; and

iv. Evaluate and summarize the results in the Annual Report in accordance with Part IV F.

2. Design Criteria

a. The design criteria listed below include pollutant concentrations that the Department has determined that when exceeded, represent a level of concern. Design criteria are provided by the Department to assist the facility with selecting and designing appropriate SCMs and gauging the effectiveness of those SCMs once implemented. The facility shall implement the required SCMs (Part IV) and any additional SCMs, including treatment if necessary, to ensure compliance with the permit.

i. Aluminum, Total - 750 µg/L;

ii. Arsenic, Total - 168.54 µg/L;

iii. Benzene, Total - 10 µg/L;

iv. Chemical Oxygen Demand - 120 mg/L;

v. Copper, Total - 63.6 µg/L;

vi. Diesel Fuel Oil #2 – Report Only;

vii. Ethylbenzene, Total - 3.1 mg/L;

viii. Gasoline – Report Only;

ix. Iron, Total - 1000 µg/L;

x. Lead, Total - 81.6 µg/L;

xi. Mercury, Total - 2.4 µg/L;

xii. Methyl tert-butyl Ether – Report Only;

xiii. Naphthalene – Report Only;

xiv. Nickel, Total – 1417 µg/L;

xv. Organic Carbon, Total - 50 mg/L;

xvi. Petroleum Hydrocarbons, Total - 10 mg/L (monthly avg.); 15 mg/L (daily max)

xvii. pH - 6.0 – 9.0 standard units;

xviii. Suspended Solids, Total - 100 mg/L (monthly average);

xix. Toluene - 10 mg/L;

xx. Xylene - Report Only; and

xxi. Zinc, Total - 117 µg/L.

3. Action Level

a. Action levels are established for the following parameter(s):

i. Suspended Solids, Total

b. For those parameters listed in Part IV C.3.a, if analytical results at a single monitoring location exceeds the design criteria value by 40 percent or more in any two (2) quarters within four (4) consecutive quarters, that parameter's design criteria value will automatically become an effluent limitation and shall be effective the next quarter.

c. For those parameters listed in Part IV C.3.a that have effluent limitations, the effluent limitation will automatically revert back to a design criteria the next quarter if the parameter's concentration is below the design criteria value listed in Part IV C.2.a for two (2) consecutive quarters.

4. Effluent Limitations

a. The facility shall comply with the effluent limitation(s) in Part III and effluent limitations triggered by the exceedence of an action level (see Part IV C.3 above).

D. Discharges to Ground Water (if applicable)

1. General Conditions

a. If discharging stormwater to ground water, the facility shall design and maintain a means of treatment and/or disposal to discharge stormwater to ground water that will satisfy the requirements of the Ground Water Quality Standards (N.J.A.C. 7:9C) and the numeric design criteria contained in Part IV.D.4.

b. As a component of the facility's SPPP for areas of regulated industrial activity, stormwater shall be discharged to ground water through an infiltration basin(s) designed to infiltrate the total runoff volume of at least a two (2) year, twenty-four (24) hour storm event within seventy-two (72) hours.

i. Infiltration basin(s) shall be designed consistent with the most recent edition of the "New Jersey Stormwater Best Management Practices Manual"

ii. Stormwater runoff volumes are to be calculated using the National Oceanic and Atmospheric Administration's **(**NOAA's) National Weather Service Rainfall Data for the facility's specific location;

iii. Stormwater may be infiltrated to ground water by utilizing one or more infiltration basin(s);

iv. The influent to each infiltration basin shall be monitored and meet Ground Water Quality Standards (N.J.A.C. 7:9C) and design criteria (Part IV.D.4);

v. An overflow discharge from the infiltration basin(s) resulting from a storm event greater than a two (2) year, twenty-four (24) hour storm event is considered an upset and shall not be considered a violation of this permit;

vi. An overflow discharge from the infiltration basin(s) resulting from a storm event less than or equal to a two (2) year, twenty-four (24) hour storm event is a violation of this permit.

c. This permit does not authorize any other discharges to ground water of stormwater or process wastewater by any other mechanism (e.g. underground injection, spray irrigation, etc.), except incidental stormwater discharges to groundwater of overland flow from unpaved areas as allowed by this permit.

2. Infiltration Basin(s) Construction Requirements

a. Infiltration basin(s) shall be constructed, maintained, and operated to prevent overtopping and/or side wall failure.

b. All interconnections between infiltration basins shall be constructed in a manner that will prevent degradation of the infiltration basins.

i. The use of splash aprons, rip-rap, etc, shall be employed in areas subject to influent flow.

ii. Whenever possible, all flow shall be directed along the longest axis of the basin(s).

c. The foundation, banks and dikes shall be inspected immediately after installation for any imperfections.

d. The structural integrity of the basin shall be certified by the signature and seal of a New Jersey licensed Professional Engineer.

3. Infiltration Basin Failure, Inactivity, and Redesign

a. If the infiltration basin(s) was removed from service due to actual or imminent bank or side wall failure, a New Jersey licensed Professional Engineer shall certify by signature and seal the structural integrity of the bank and side wall prior to redirection of flow to the infiltration basin(s).

i. Certification shall be received by the Department prior to the resumption of discharge to the infiltration basin(s).

b. If the infiltration basin(s) was inactive for more than six (6) months due to structural collapse or overtopping, the facility shall obtain a certification from a New Jersey licensed Professional Engineer that it is structurally sound.

i. Certification shall be signed and sealed by the New Jersey licensed Professional Engineer and shall establish that the banks, dikes, and foundation of the infiltration basin(s) will withstand the physical and chemical stresses of resumed operation.

c. If the original infiltration basin(s) was insufficient or inadequate, the facility shall propose a new upgraded infiltration basin(s).

i. A new DCP shall be submitted along with any necessary revisions to the Operation and Maintenance (O & M) Manual and discharges to the new infiltration basin(s) shall not commence until the facility has received written approval by the Department.

d. The infiltration basin(s) may not become operational unless all inspections and necessary repairs have been completed.

e. If the facility changes the size or number of infiltration basins, it is the responsibility of the facility to establish new appropriate monitoring locations as needed, and to notify the Department in writing regarding facility changes. This does not waive the requirement for the facility to obtain additional Department approvals where necessary.

f. The infiltration basin(s) may be recontoured to correct minor side wall and berm defects, alter side wall slopes, or similar changes or corrections after notifying the permit issuing bureau in writing of the proposed changes.

i. Notification shall include the submittal of plans for the proposed change and an estimated time for completion.

4. Design Criteria

a. The design criteria listed below include pollutant concentrations that the Department has determined that when exceeded, represent a level of concern. Design criteria are provided by the Department to assist the facility with selecting and designing appropriate SCMs and gauging the effectiveness of those SCMs once implemented. The facility shall implement the required SCMs (Part IV) and any additional SCMs, including treatment if necessary, to ensure compliance with the permit.

i. Aluminum, Total - 200 µg/L;

ii. Arsenic, Total - 3 µg/L;

iii. Benzene - 1 µg/L;

iv. Copper, Total - 1300 µg/L;

v. Ethylbenzene - 700 µg/L;

vi. Iron, Total - 300 µg/L;

vii. Lead, Total - 5 µg/L;

viii. Methyl tert-butyl Ether - 70 µg/L;

ix. Naphthalene - 300 µg/L;

x. Nickel, Total – 100 µg/L;

xi. Organic Carbon, Total – Report Only;

xii. Petroleum Hydrocarbons, Total – Report Only;

xiii. pH 6.5 – 8.5 standard µg/L;

xiv. Toluene - 600 µg/L;

xv. Xylenes, Total - 1000 µg/L; and

xvi. Zinc, Total - 2000 µg/L.

5. Operation and Maintenance Manual

a. All facilities with discharges to ground water shall prepare an Operation and Maintenance (O&M) Manual within 90 days of the commencement of operation of the infiltration basin(s).

i. Submit written notification to the Department, that the O&M has been prepared: within 21 month from the effective date of permit authorization (EDPA +21).

ii. The O&M manual shall be kept on site and made available for inspection.

b. The following items should be addressed in the facility's O & M manual:

i. A schedule of physical inspections of all visible portions and areas surrounding the infiltration basin(s) to: Ensure that the berms have remained structurally sound; Detect evidence of any deterioration, breakout, malfunctions or improper operation of the over-topping system; Detect sudden drops in the level of the basin contents not associated with normal operation of the regulated unit; Detect erosion or other signs of deterioration in berms or other containment devices; Detect the presence of liquids in the leak detection system, if employed;

ii. A protective cover shall be maintained on earthen dikes to prevent erosion and maintain integrity. However, the dikes shall be free of vegetation having invasive root systems that could displace the earthen materials upon which the structural integrity of the dike is dependent;

iii. An evaluation of the infiltration basin(s) actual performance by comparing the designed infiltration rate to the time it takes to infiltrate the maximum design storm runoff volume. If significant increases or decreases in the normal drain time are observed, the infiltration basin's bottom surface, subsoil, and both groundwater and tailwater levels shall be evaluated and appropriate measures taken to comply with the maximum drain time requirements and maintain the proper functioning of the infiltration basin. This applies to both surface and subsurface infiltration basins;

iv. The bottom sand layer in a surface infiltration basin should be inspected at least monthly as well as after every storm exceeding one (1) inch of rainfall;

v. The permeability rate of the soil below the infiltration basin shall be tested annually;

vi. In order to maintain the infiltrative capacity of the basin, infiltrative surfaces shall be scarified periodically through the removal of accumulated material, and/or disking or harrowing the surface soil layer;

vii. If the water fails to infiltrate seventy-two (72) hours after the end of the storm, corrective measures shall be taken including, but not limited to annual tilling by light equipment to maintain infiltration capacity and break up clogged surfaces; and

viii. A course of action shall be outlined for procedures to be implemented in the event the infiltration basin shall be removed from service for an extended period of time for reasons other than routine maintenance and/or scheduled rotation of permitted discharge areas. This course of action shall address how the

discharge will be handled which can include diversion of the discharge to a previously approved reserve area.

ix. Solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of stormwater must be disposed of in such a manner as to prevent any pollutant from such materials from entering public waters, causing nuisance conditions, or creating a public health hazard in accordance with the provision at N.J.A.C. 7:14A-6.15.

6. Emergency Plan

a. The O&M Manual shall include the following provisions as part of the facility's Emergency Plan:

i. Assessment of emergency situations which affect the discharge activities outlined in N.J.A.C. 7:14A-6.12(d)3;

ii. Emergency procedures in the O&M Manual shall not create an unpermitted discharge or contravene any rules or regulations;

iii. If the discharge flows to the regulated units without the aid of pumps, the emergency plan needs to address equipment and emergency procedures;

iv. Procedures for correcting emergency situations;

v. Procedures for notifying the appropriate agencies;

vi. Location of any onsite temporary or permanent pollutant storage areas; and

vii. Provisions for utilizing previously approved and constructed diversion mechanisms, if applicable. These provisions shall include the ability to monitor for permit compliance.

b. After an emergency situation has been corrected, the facility shall review the procedures in place and, if necessary, update the O&M Manual.

E. Mandatory Stormwater Control Measures (SCMs)

1. General Conditions

a. (EXISTING DISCHARGERS) The following SCMs are mandatory and shall be implemented by the facility within the specified implementation schedule (see Part IV.E.2-19).

i. If the facility does not conduct the regulated industrial activity, then the SCM for that activity does not apply.

ii. Further guidance on the additional SCMs can be found in the Department's *Vehicle Recycling Industrial Stormwater General Permit Guidance Document*.

b. (NEW OPERATIONS) The following SCMs are mandatory and shall be implemented prior to the commencement of operations.

c. Implementing the SCMs within the specified implementation schedule does not assure compliance with the effluent limitation(s) or action level contained in this permit, or that the facility will meet the design criteria provided by the Department.

i. To meet the effluent limitation(s), action level and/or design criteria, a facility may need to implement SCMs, including possible treatment of stormwater runoff up to the design storm.

2. Staging of Inbound Vehicles

a. Inbound vehicles shall be staged in the Inbound Vehicle Staging Area.

b. The Inbound Vehicle Staging Area shall be:

i. clearly delineated;

ii. paved with an impervious surface;

iii. designed and constructed to drain to an oil/water separator conforming to the performance standards in Part IV E.11.

c. Inbound vehicles shall be inspected upon arrival.

d. Vehicles that are leaking shall be immediately repaired or drained of leaking fluids.

e. No vehicle shall have exposed engines, or other parts that contain or contained fluids. Any vehicles that have missing hoods or exposed parts (including vehicles that were in accidents) must be covered with impervious material to prevent such exposure.

f. (EXISTING DISCHARGERS) Implementation Schedule

i. Within three months from EDPA (EDPA+3), no vehicles shall have exposed engines, or other parts that contain or contained fluids.

ii. Within EDPA +24, complete construction and begin using the Inbound Vehicle Staging Area.

3. Vehicle Dismantling and Fluid Draining

a. The draining of fluids or dismantling of vehicles shall be conducted in a permanent structure.

b. The following fluids shall be drained from all vehicles prior to outdoor storage:

i. anti-freeze and other coolants;

ii. engine oil;

iii. hydraulic fluids including brake and power steering fluid;

iv. washer fluid;

v. refrigerants; and

vi. gasoline and other fuels.

c. The following fluids shall be drained from all vehicles prior to crushing, or transport to another recycling facility:

i. anti-freeze and other coolants;

ii. engine oil and other lubricants;

iii. transmission fluids;

iv. hydraulic fluids including brake and power steering fluid;

v. differential fluid;

vi. washer fluid;

vii. refrigerants; and

viii. gasoline and other fuels.

d. The following vehicle parts shall be removed from all vehicles prior to crushing:

i. batteries;

ii. lead battery cable ends and wheel weights;

iii. high intensity discharge (HID) headlamps; and

iv. mercury switches.

e. If a facility accepts vehicles with air conditioning or refrigerants, the facility shall have a freon recovery system.

f. Vehicles in operating condition may be stored outdoors without draining fluids.

g. All drained fluids may be stored outdoors with secondary containment in accordance with Part IV E.13 or stored in a storage structure.

h. All drained fluids shall be disposed of, in accordance with applicable Federal, State, and local environmental statutes, regulations and ordinance(s).

i. Facilities shall not have any floor drains that discharge to surface water, the municipal separate storm sewer system, or to the ground waters of the State (e.g., underground injection well which includes septic systems or dry wells), unless separately approved or permitted by the appropriate governmental authority.

i. Any septic systems, disposal beds, seepage pits (dry wells), or cesspools that are motor vehicle waste disposal wells in accordance N.J.A.C. 7:14A-8.4(a)3ii, shall obtain an individual permit in accordance with N.J.A.C. 7:14A-8.8, or shall be closed in accordance with 7:14A-8.16(d)2, or shall be converted to another type of Class V well in accordance with N.J.A.C. 7:14A-8.16(g).

ii. Any discharge to surface water or into a municipal separate storm sewer system without a NJPDES permit authorizing that discharge, is an unpermitted discharge prohibited pursuant to N.J.A.C. 7:14A and shall be eliminated immediately.

j. (EXISTING DISCHARGERS) Implementation Schedule

i. Upon EDPA, the facility shall eliminate any floor drains that discharge to surface water, the municipal separate storm sewer system, or to the ground waters of the State (e.g., underground injection well, which includes septic systems or dry wells) upon EDPA.

ii. Within EDPA +24, all vehicle dismantling and fluid draining shall be conducted in a permanent.

4. Existing Outdoor Vehicle Inventory

a. Facilities shall inspect and drain fluids from any existing vehicles currently stored outdoors in accordance with Part IV E.3.

b. If any existing vehicle is found to be leaking it shall be immediately drained of all required fluids.

c. No existing vehicle stored outdoors shall have exposed engines, or other parts that contain or contained fluids. Any vehicles that have missing hoods or exposed parts (including vehicles that were in accidents) must be covered with impervious material to prevent such exposure.

d. Facilities shall inventory all existing vehicle parts currently stored outdoors and limit outdoor storage only to those vehicle parts specifically listed in Part IV E.5.

e. (EXISTING DISCHARGERS) Implementation Schedule

i. Within EDPA +3, no vehicles shall have exposed engines, or other parts that contain or contained fluids.

ii. Within twelve months from EDPA (EDPA +12), only those vehicle parts listed in Part IV E.5 shall be stored outdoors.

iii. Within EDPA +24, all existing vehicles shall be inspected and drained of fluids.

5. Outdoor Vehicle and Vehicle Part Storage

a. Vehicles may be stored outdoors after fluids are drained in accordance with Part IV E.3:

i. No vehicle stored outdoors shall have exposed engines, or other parts that contain or contained fluids. Any vehicles that have missing hoods or exposed parts (including vehicles that were in accidents) must be covered with impervious material to prevent such exposure.

b. The following parts may be stored outdoors after being removed from a vehicle:

i. Front and rear fascia, which includes, grilles, headlamps (except HID), tail lamps, and front and rear bumpers;

ii. Hubcaps, rims and tires on rims;

iii. Hood and trunk lids;

iv. Truck beds and tail/lift gate;

v. Quarter panels, which includes front and rear fenders;

vi. Windshield and window glass;

vii. Doors including side mirrors and interior panels; and

viii. Rear differentials.

c. The above listed parts shall be visually inspected and free of contaminants, including oil and grease prior to outdoor storage.

d. Any parts not listed in Part IV E.5.b or in accordance with Part IV E.5.a shall be stored in a storage structure.

e. (EXISTING DISCHARGERS) Implementation Schedule

i. Upon EDPA, the vehicle parts listed above may be stored outdoors.

ii. Within EDPA +3, no vehicles shall have exposed engines, or other parts that contain or contained fluids.

6. Vehicle Crushing

a. All vehicle crushing operations shall be performed in a permanent structure or on a concrete pad that drains to an oil/water separator conforming to the performance standards in Part IV E.11 of this permit.

b. All vehicle crushers shall have a self contained waste oil recovery tank or implement a method for collecting and properly managing residual waste oil and fluids accumulated during the crushing of vehicles.

i. Vehicle crushers that do not have a self contained waste oil recovery tank built into the vehicle crusher shall have buckets, drums or other suitable containers placed under vehicle crusher drain holes or ports to capture and collect accumulated residual fluids.

ii. All collected residual waste oil and fluid shall be properly managed in accordance with Part IV E.2-19 of the permit and disposed of in accordance with any federal, State or local laws and/or regulations.

c. If any fluids cannot be drained and parts cannot be removed in accordance with Part IV E.3, the vehicle may not be crushed.

d. (EXISTING DISCHARGERS) Implementation Schedule

i. Upon EDPA, all vehicle crushing operations shall be performed in a permanent structure or on a concrete pad that drains to an oil/water separator.

ii. Upon EDPA, all vehicle crushers shall have a self contained waste oil recovery tank or implement a method for collecting and properly managing residual waste oil and fluids accumulated during the crushing of vehicles.

7. Vehicle and Equipment Washing

a. This permit does not authorize the discharge of any wastewater from vehicle and equipment washing to the municipal separate storm sewer system, surface waters and/or ground waters of the State, including the discharge of rinse water that does not contain any cleaning additives, such as surfactants, detergents or solvents.

b. Vehicle and equipment washing shall be managed and operated to prevent the discharge of the wastewater and residual materials to the surface and/or ground waters of the State.

c. (EXISTING DISCHARGERS) Implementation Schedule

i. Upon EDPA.

8. Vehicle Parts Cleaning/Solvent Degreasing

a. Cleaning and degreasing of vehicle parts and equipment shall be performed in a permanent structure to prevent the discharge of the wastewater and residual materials to the municipal separate storm sewer system, surface waters and/or ground waters of the State.

b. (EXISTING DISCHARGERS) Implementation Schedule

i. Upon EDPA.

9. Vehicle and Equipment Maintenance and Repair

a. All vehicle and equipment maintenance and repairs shall be performed in a permanent structure (including any maintenance and repairs performed by customers or employees).

i. Vehicles or equipment that is intended for repair and visibly leaking shall be repaired immediately or stored in a storage structure.

ii. Sign(s) shall be posted in the customer and employee parking area(s) prohibiting any outdoor vehicle maintenance and/or repair on facility property.

b. Vehicles or equipment awaiting maintenance or repair shall be stored in the Inbound Vehicle Staging Area or in a storage structure.

c. (EXISTING DISCHARGERS) Implementation Schedule

i. Within EDPA +24, vehicle and equipment maintenance

and repairs shall be performed in a permanent structure.

ii. Within EDPA +24, vehicles or equipment awaiting maintenance or repair shall be stored in the Inbound Vehicle Staging Area or in a storage structure.

10. Site Stabilization and Site Paving

a. Facilities shall regularly inspect and maintain the stability of the site (e.g., paved and unpaved surfaces) to ensure that it is not eroding.

i. Site stabilization and repairs shall be made in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey (N.J.A.C. 2:90-1).

b. All entrances and exits shall be paved with an impervious surface.

c. There shall be no visible tracking of soil, sediment or other material outside the drainage control area or from the facility onto municipal, county or state roads.

d. (EXISTING DISCHARGERS) Implementation Schedule

i. Within EDPA +12, entrances and exits shall be paved and measures shall be implemented to ensure that soils or sediment are not carried off from the site.

ii. Within EDPA +12, the facility shall ensure that there is no visible tracking of soil, sediment or other material from the facility.

iii. Within thirty six months from EDPA (EDPA +36), site stabilization shall be implemented.

11. Oil/Water Separator Performance Standard and Maintenance

a. Oil/water separator systems shall be designed with adequate hydraulic capacity to collect water from the drainage area for a rainfall event with an intensity of a ten (10) year twenty-four (24) hour storm event, using NOAA's National Weather Service Rainfall Data.

i. Stormwater runoff volumes are to be calculated using the National Oceanic and Atmospheric Administration's **(**NOAA's) National Weather Service Rainfall Data for the facility's specific location .

ii. A New Jersey licensed professional engineer shall design the system and provide instructions for operation and maintenance, which shall be retained onsite.

b. The discharge from the oil/water separator shall be designed to achieve a maximum concentration of oil and grease (total petroleum hydrocarbons) of 15 mg/l, quantified by EPA analytical method quantified by a USEPA approved analytical method.

c. A facility shall maintain a schedule of maintenance and cleaning of oil/water separators.

i. At a minimum, oil/water separators shall be cleaned once a year.

d. Recovered waste oil and sludge shall be properly disposed of in accordance with any federal, State or local laws and/or regulations.

i. Sludge generated by an oil/water separator is considered a residual as defined in the NJPDES rules at N.J.A.C. 7:14A and shall be managed by a recycling operation. However, it is exempted from the reporting requirements under the Sludge Quality Assurance Regulations (SQAR) at N.J.A.C. 7:14C.

e. N.J.A.C. 7:10A-1.10(c)3 specifically exempts industrial wastewater treatment systems which consist of American Petroleum Institute (API) approved or equivalent gravity oil/water separators and/or sedimentation units used to treat discharges consisting solely of stormwater runoff from the requirement of having a licensed operator.

f. (EXISTING DISCHARGERS) Implementation Schedule

i. Upon EDPA, begin implementing a schedule of maintenance and cleaning of any existing oil/water separator(s).

ii. Within EDPA +24, begin implementing a schedule of maintenance and cleaning of oil/water separator(s) for the Inbound Staging Area and any additional oil/water separator installed for fueling upon installation.

12. Spill Response and Aboveground Storage Tank Management

a. All facilities shall implement spill prevention and response procedures for the handling, storage, equipment and vehicle operation, and maintenance of materials outside of secondary containment that ensures upon implementation that:

i. There are no visible spills and/or leaks onsite;

ii. Any spilled fluids and/or leaks shall be cleaned immediately using dry cleaning methods only. Dry cleaning methods include using an absorbent material (e.g., cat litter or sawdust) and sweeping;

iii. Collected waste are disposed of properly; and

iv. Fully stocked spill kits are located in all areas of the facility where there is a potential for spills; and

v. All reportable spills required by N.J.A.C. 7:14A-6.10(c) & (d) shall be reported to the Department Hotline at (877) 927-6337.

b. Aboveground storage tanks shall be maintained in good condition and routinely inspected for signs of rust, leaks or defects.

c. (EXISTING DISCHARGERS) Implementation Schedule

i. Upon EDPA.

13. Outdoor Gasoline and Vehicle Fluid Storage

a. Gasoline and vehicle fluid may be stored outdoors if it is in above ground storage tanks with secondary containment.

i. The capacity of the secondary containment shall be the volume of the largest tank within the secondary containment and shall include an additional capacity to accommodate six inches of rainwater, if located in an area where rainwater could accumulate.

ii. All components of the secondary containment shall be made of or lined with impervious materials, which shall be maintained in an impervious condition.

iii. Maintenance shall be performed to ensure the integrity of all containment structures.

iv. Any discharge valves in secondary containment structures shall be in the closed shut-off position during normal conditions;

b. (EXISTING DISCHARGERS) Implementation Schedule

i. Upon EDPA.

14. Discharge of Stormwater from Secondary Containment

i. Accumulated stormwater in containment structures may be discharged to surface water only after appropriate facility personnel has evaluated the stormwater, and ensured that there is no visible sheen or other evidence of contaminants present. Once the evaluation is complete and the stormwater is discharged, the valve shall be returned to the closed position.

ii. Secondary containment areas surrounding storage receptacle areas shall be inspected once a week to promptly identify and address any leaks that may occur and an inspection log maintained.

iii. Secondary containment areas shall be free of all contaminants and/or pollutants

iv. Alternative means for disposing the stormwater shall be established for stormwater that has or is suspected to have been contaminated

v. Stormwater discharges from secondary containment shall be discharged through a regulated outfall.

b. (EXISTING DISCHARGERS) Implementation Schedule

i. Upon EDPA.

15. Transfer and Fueling of Gasoline and other Fuels

a. Develop and implement Standard Operating Procedures for vehicle fueling and fuel transfer to prevent exposure of fuels to stormwater.

i. A trained employee shall be present during product transfer.

b. Vehicle fueling shall occur on an impervious surface which drains to an oil water separator conforming to the performance standards in Part IV E.11 of this permit.

c. Fluid storage and transfer areas shall have readily available spill kits containing at minimum, appropriate absorbent materials and drip pans.

d. (EXISTING DISCHARGERS) Implementation Schedule

i. Upon EDPA, develop and implement Standard Operating Procedures for vehicle fueling and fuel transfer to prevent exposure of fuels.

ii. Within EDPA +24, begin fueling vehicles on an impervious surface which drains to an oil/water separator.

16. Preventative Maintenance

a. The facility shall provide for cleaning and maintenance to ensure the proper function and operation of all stormwater facilities and SCMs (including secondary containment and repairing or replacement of paved areas to restore their structural integrity and imperviousness).

b. (EXISTING DISCHARGERS) Implementation Schedule

i. Within six months from EDPA (EDPA +6) and thereafter, the facility shall provide for cleaning and maintenance to ensure the proper function and operation of all stormwater facilities and SCMs in accordance with the Preventative Maintenance Minimum Performance Standard.

17. Outfall Stabilization

a. The facility shall prevent localized erosion caused by stormwater discharges from permitted outfall(s).

b. Erosion controls shall meet the most recent technical standards listed in Standards for Soil Erosion and Sediment Control in New Jersey, Engineering Standards Section titled Standard for Off-Site Stability.

c. (EXISTING DISCHARGERS) Implementation Schedule

i. Within EDPA +24, the facility shall install erosion controls to prevent localized erosion in accordance with the Outfall Stabilization Minimum Performance Standard.

18. Employee Training

a. Each facility shall develop and conduct an annual training for employees on the minimum standards required by this permit to ensure that the minimum standards are being properly implemented and/or maintained.

i. A record of each annual employee training conducted, including a list of those employees who attended and general topics covered, shall be kept on site and made available for inspection by the Department.

b. (EXISTING DISCHARGERS) Implementation Schedule

i. Upon EDPA, the facility shall begin annual employee training.

19. Compliance with Local Ordinances

a. The facility shall comply with all applicable and effective local municipal ordinances.

b. (EXISTING DISCHARGERS) Implementation Schedule

i. Upon EDPA, the facility shall comply with all applicable and effective local municipal ordinances.

F. Submittal, Certifications, and Deadlines

1. (EXISTING DISCHARGERS) Existing Dischargers

a. SPPP

i. Submit an SPPP Preparation Certification: within six (6) months from the effective date of permit authorization (EDPA +6), on the Department's Generic Certification Form.

ii. Submit an SPPP Implementation Certification: within twenty-four (24) months from the effective date of permit authorization (EDPA +24), on the Department's Generic Certification Form.

iii. The Department's Generic Certification Form shall be signed and submitted to the address specified on the form.

b. DCP

i. Submit a Drainage Control Plan: within six (6) months from the effective date of the permit authorization (EDPA +6)

ii. Attach a copy of the DCP with the Department's Generic Certification Form for SPPP Preparation.

iii. A DCP shall be implemented within EDPA +24.

iv. Submission of the Department's Generic Certification Form for implementation of the facility's SPPP also certifies that a DCP has been implemented.

c. SCMs

i. Refer to Part IV E for implementation deadlines of specific SCMs required as part of this permit.

2. (NEW OPERATIONS) New Operations

a. SPPP and DCP

i. The facility's SPPP and DCP must be prepared and implemented at least sixty (60) days prior to commencement of operations.

ii. The facility shall submit the Department's Generic Certification Form with the Request for Authorization certifying that an SPPP and DCP has been prepared and implemented.

iii. Attach a copy of the DCP with the Department's Generic Certification Form.

iv. The RFA and certification form shall be signed and submitted to the address specified on the Request for Authorization form.

b. SCMs

i. SCMs shall be implemented at least sixty (60) days prior to the commencement of operations.

3. Annual Inspection, Report and Certification

a. Annual Inspection and Report

i. The facility shall conduct an annual inspection of the facility to assess permit compliance and whether additional measures are needed to meet the conditions of this permit.

ii. The facility shall summarize the findings of the annual inspection in an Annual Report and shall include the date of the inspection and the name(s) and title of the inspector(s).

iii. The Annual Report shall be included as part of the SPPP.

iv. More frequent inspections may be necessary to ensure proper function of control measures. Inspections are recommended to be conducted during dry periods as well as storm events.

b. Annual Certification

i. The facility shall certify annually on the Department's Generic Certification Form that the facility is in compliance with the permit conditions;

ii. (EXISTING DISCHARGERS) Submit the Generic Certification Form certifying that the Annual Inspection was conducted: beginning thirty-six (36) months from the effective date of permit authorization (EDPA +36) and annually thereafter;

iii. (NEW OPERATIONS) Submit the Generic Certification Form certifying that the Annual Inspection was conducted: beginning twelve (12) months from the effective date of permit authorization (EDPA +12) and annually thereafter;

iv. Any incident of non-compliance shall be identified in the Incident of Noncompliance Report, which is part of the Generic Certification Form. This shall include the steps being taken to remedy the non-compliance and to prevent such incidents from recurring.

v. This Generic Certification Form is available on the Department website at: http://www.state.nj.us/dep/dwq/forms.htm#stormforms.

G. Monitoring

1. Monitoring Schedule

a. (EXISTING DISCHARGERS) Begin monitoring upon EDPA +24.

b. (NEW FACILITIES) Begin monitoring upon EDPA.

c. The facility shall sample and monitor their discharge quarterly and report on Discharge Monitoring Report (DMR) forms for the parameters listed in Part III of this permit.

2. Monitoring Locations

a. Facilities shall monitor stormwater discharges to surface or ground water at the monitoring locations specified in the facility's DCP.

i. Monitoring locations shall not be changed without notification and approval from the Department.

3. Monitoring Criteria

a. The facility shall monitor its stormwater discharge to surface water:

i. When there is a valid storm event that produces a stormwater discharge. This includes both working and non-working hours; and

ii. At a minimum of one (1) storm event that produces a stormwater discharge during a monitoring period.

b. The facility shall monitor at the time of the discharge when the discharge is controlled by the use of a retention basin(s), tank(s), sump pump(s), secondary containment, valve(s) or other means at the time of discharge.

4. Collection and Analysis of Samples

a. Stormwater samples shall be analyzed by a New Jersey certified laboratory (N.J.A.C. 7:18).

b. The laboratory performing the analyses shall be certified by the Department for the analysis of those specific parameters in accordance with N.J.A.C. 7:18.

c. All samples shall be performed in accordance with the method specified in the Department's Field Sampling Procedures Manual.

d. All samples shall be analyzed in accordance with the approved method contained in 40 CFR Part 136, unless otherwise noted below.

e. The facility, or a third party such as a New Jersey Certified Laboratory, may collect the stormwater discharge sample.

H. Reporting Requirements

1. Discharge Monitoring Report (DMR) Forms

a. Monitoring results shall be reported on DMRs provided by the Department.

i. The facility is required to monitor its stormwater discharge and submit appropriate DMRs to the Department in accordance with conditions of the permit, even if the pre-printed DMRs contain errors.

ii. If the facility's pre-printed DMRs contain errors or discrepancies from the monitoring and reporting requirements contained in Part III, the facility should immediately contact the Bureau of Nonpoint Pollution Control at (609) 633-7021.

iii. The facility shall make hand corrections to the DMRs if corrected forms are not received prior to the monitoring report due date.

b. Monitoring results shall be reported in accordance with the latest edition of the Department's Monitoring Report Form Reference Manual.

2. Reporting "No Discharge"

a. If a discharge does not occur during a monitoring period, the facility should check "No Discharge this monitoring period" on the monitoring form transmittal sheet for each discharge monitoring location, which had "no discharge".

3. Mailing Discharge Monitoring Reports

a. DMRs shall be postmarked and submitted no later than the 25th day of the calendar month following the completed monitoring period to the address below:

i. New Jersey Department of Environmental Protection
Bureau of Permits Management
P.O. Box 029
Trenton, New Jersey 08625-0029
Attn. Monitoring Reports