



RHODE ISLAND  
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

235 Promenade Street, Providence, RI 02908-5767

TDD 401-222-4462

Dear Applicant:

Section 46-12-15(b) of the Rhode Island General laws of 1956, Title 46, Chapter 12 entitled Water Pollution, as amended, prohibits the discharge of pollutants into waters of the State. The only exceptions are discharges in compliance with the terms and conditions of a Rhode Island Pollutant Discharge Elimination System (RIPDES) Permit issued in accordance with State Regulations.

Rule 31 of the RIPDES Regulation, as amended on February 5, 2003, requires all discharges of Storm Water Associated with Industrial Activity to obtain a RIDPES permit. To be covered by the Multi-Sector General Permit for Storm Water Discharge Associated with Industrial Activity issued in March 2006, applicants must complete a Notice of Intent (NOI) Form. Enclosed with this letter is a copy of the NOI Form. Provided all required information is submitted and it is determined that a general permit is appropriate for the site, a letter of authorization to discharge will be sent from the Office Water Resources (OWR).

A non-refundable application fee of \$400 is due at the time the NOI is submitted to this office in the form of a check or money order, payable to the General Treasurer of the State of Rhode Island. Note: this fee is required only if both a NOI **and** a SWMP are required to be submitted. The review for completeness of the application will not be made until the fee is paid. The check or money order and the attached Application(s) Fee Form (also available online at: <http://www.dem.ri.gov/programs/benviron/water/permits/ripdes/pdfs/apfeenew.pdf>) must be submitted to:

Department of Environmental Management  
Office of Management Services  
235 Promenade Street  
Providence, RI 02908

Return the completed NOI form to:

Department of Environmental Management  
Office of Water Resources  
RIPDES Program  
235 Promenade Street  
Providence, RI 02908

Any questions about the General Permit or the NOI Form should be directed to the RIPDES Program Staff, Permitting Section at (401) 222-4700 ext. 7605 or 7726.

Sincerely,

Eric A. Beck, P.E.  
Supervising Sanitary Engineer



**RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**

Office of Water Resources

<b>DEM USE ONLY</b>	
Date NOI Received	_____
Date Fee Received	_____
RIPDES#	RIR _____

RI POLLUTANT DISCHARGE ELIMINATION SYSTEM (RIPDES)  
**NOTICE OF INTENT (NOI)**  
 FOR STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL  
 ACTIVITY UNDER THE RIPDES MULTI-SECTOR GENERAL PERMIT  
 (Revised 7/13)

<b>MARK ONLY ONE ITEM:</b>	
<input type="checkbox"/> Existing RIPDES Authorization No. RIR_____	<input type="checkbox"/> New Permittee (after April 2011)

**I. OWNER**

Name:			
Mailing Address:			
City:	State:	Zip:	Phone: ( )
Fax : ( )	E-mail Address:		
Contact Person:	Title:		
Ownership (please circle one):			
PRI- Private	PUB-Public	BPP-Public/Private	STA-State    FED-Federal    Other_____

**II. OPERATOR (If Different from Owner)**

Name:			
Mailing Address:			
City:	State:	Zip:	Phone: ( )
Fax : ( )	E-mail Address:		
Contact Person:	Title:		
Ownership (please circle one):			
PRI- Private	PUB-Public	BPP-Public/Private	STA-State    FED-Federal    Other_____

### III. FACILITY INFORMATION

Facility Name: _____			
Street Address: _____			
City: _____	State: _____	Zip: _____	Phone: _____
Latitude (to nearest 15 sec.) _____ Deg. _____ Min. _____ Sec.		Longitude (to nearest 15 sec.) _____ Deg. _____ Min. _____ Sec.	
Total Area of Site _____ Acres	Total Area of Impervious Surface _____ Acres		Runoff Coefficient: _____
Existing Quantitative Data <input type="checkbox"/> YES <input type="checkbox"/> NO		Number of Outfalls _____	
Existing storm water management controls:			
<input type="checkbox"/> Oil/Water Separator	<input type="checkbox"/> Berms	<input type="checkbox"/> Containment	<input type="checkbox"/> Overhead Coverage
<input type="checkbox"/> Retention Facilities	<input type="checkbox"/> Chemical Treatment	<input type="checkbox"/> Leachate Collection	<input type="checkbox"/> Recycling
<input type="checkbox"/> Other (please specify): _____			

### IV. RECEIVING WATER INFORMATION

<input type="checkbox"/> Ultimate Receiving Water Name: _____	Water Body ID#: _____
<input type="checkbox"/> Unnamed stream or wetlands connected to named surface water. Name: _____	
<input type="checkbox"/> Unnamed stream or wetlands not connected to named surface water.	
Is the Receiving Water an Impaired Water Body? <input type="checkbox"/> YES <input type="checkbox"/> NO	
Is there an EPA approved TMDL in place? <input type="checkbox"/> YES <input type="checkbox"/> NO	
List all applicable pollutants causing impairments: _____	
Watershed Code: _____	Name of Watershed: _____
<input type="checkbox"/> Separate Storm Sewer System	MS4 Owner/Operator: _____

### V. INDUSTRIAL ACTIVITY INFORMATION

Provide the 4-digit Standard Industrial Classification (SIC) codes or the 2-letter Activity Codes that best represent the principal products produced or services rendered by your facility and major co-located activities:					
Primary _____	Secondary (if applicable) _____				
Applicable sector(s) of industrial activity, as designated in Part I.B.1 of the MSGP (choose up to 3):					
<input type="checkbox"/> Sector A	<input type="checkbox"/> Sector F	<input type="checkbox"/> Sector K	<input type="checkbox"/> Sector P	<input type="checkbox"/> Sector U	<input type="checkbox"/> Sector Z
<input type="checkbox"/> Sector B	<input type="checkbox"/> Sector G	<input type="checkbox"/> Sector L	<input type="checkbox"/> Sector Q	<input type="checkbox"/> Sector V	<input type="checkbox"/> Sector AA
<input type="checkbox"/> Sector C	<input type="checkbox"/> Sector H	<input type="checkbox"/> Sector M	<input type="checkbox"/> Sector R	<input type="checkbox"/> Sector W	<input type="checkbox"/> Sector AB
<input type="checkbox"/> Sector D	<input type="checkbox"/> Sector I	<input type="checkbox"/> Sector N	<input type="checkbox"/> Sector S	<input type="checkbox"/> Sector X	<input type="checkbox"/> Sector AC
<input type="checkbox"/> Sector E	<input type="checkbox"/> Sector J	<input type="checkbox"/> Sector O	<input type="checkbox"/> Sector T	<input type="checkbox"/> Sector Y	<input type="checkbox"/> Sector AD

### VI. REGULATORY INFORMATION

<input type="checkbox"/> RCRA Permit # _____	<input type="checkbox"/> RIPDES Permit # _____
<input type="checkbox"/> Subject to Categorical Effluent Guidelines (Table 2)	<input type="checkbox"/> Presence of Pollutants listed in Tables 5-8
<input type="checkbox"/> Subject to Monitoring of Benchmarks (Table 3)	

## VII. OWNER/OPERATOR CERTIFICATION

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

I further certify that a copy of this Notice of Intent (NOI) was submitted and received by the appropriate MS4 Operator\* on the date of \_\_\_\_\_ 20\_\_.

OWNER:

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

Print Title \_\_\_\_\_

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

OPERATOR:

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

Print Title \_\_\_\_\_

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

\* Refer to RIDEM website for Contact List of stormwater coordinators for each Municipality and RIDOT:  
<http://www.dem.ri.gov/programs/benviron/water/permits/ripdes/stwater/index.htm>

## VIII. SWMP DEVELOPMENT CERTIFICATION

Note: This section needs to be filled out for discharges of storm water associated with industrial activity which were previously authorized under the 2006 Multi-Sector General Permit or applied for authorization after the expiration date of the previous permit and submitted a SWMP (All others must prepare and submit a SWMP for review as per the permit requirements.) The purpose of this certification is to document that a site specific SWMP was prepared consistent with the requirements of the Multi-Sector General Permit prior to filing the NOI. This certification does not alleviate or in any way limit the liability and sole responsibility of the Owner/Operator to properly implement the SWMP and to amend the SWMP as may be required.

I certify under penalty of law that a site specific SWMP was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for implementing the SWMP, the SWMP is, to the best of my knowledge and belief, true, accurate, and complete at the time this certification is made and has been developed in accordance to the requirements of the Permit. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

Print Title \_\_\_\_\_

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



# RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Office of Water Resources



## INSTRUCTIONS FOR THE RI POLLUTANT DISCHARGE ELIMINATION SYSTEM (RIPDES) **NOTICE OF INTENT (NOI)** – FOR STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY UNDER THE RIPDES MULTI-SECTOR GENERAL PERMIT (Revised 07/08/13)

### **WHO MUST FILE A NOTICE OF INTENT (NOI) FORM**

Discharges of storm water associated with industrial activity to Waters of the State are prohibited without a Rhode Island Pollutant Discharge Elimination System (RIPDES) permit. The owner or operator of an industrial activity that has such a storm water discharge must submit a Notice of Intent (NOI) to obtain coverage under the RIPDES Storm Water General Permit. If you have questions about whether you need a permit under the RIPDES Storm Water program contact the Rhode Island Department of Environmental Management, Office of Water Resources at (401) 222-4700.

An originally signed NOI form must be sent to:  
RI Department of Environmental Management  
Office of Water Resources  
RIPDES Program  
Permitting Section  
235 Promenade Street  
Providence, Rhode Island 02908

Please be sure to keep a copy for your files.

### **FEES**

If you are required to submit a SWMP to accompany the NOI, a \$400 non-refundable fee is required to be submitted. Please follow the directions on the attached Application Fee Form (also available online at <http://www.dem.ri.gov/programs/benviron/water/permits/ripdes/pdfs/apfeenew.pdf>). Note that all facilities are subject to an annual fee in accordance with the *Rules and Regulations Governing the Establishment of Various Fees* (available online at: <http://www.dem.ri.gov/pubs/regs/regs/water/feereg05.pdf>).

### **COMPLETING THE FORM**

You must type or print in the appropriate areas only. Abbreviate if necessary to save space.

For facilities with discharges of storm water associated with industrial activity, please check off the box that best

describes your facility. If you have an existing RIPDES Storm Water Authorization, please include the permit number. A New Permittee is defined as one of the following: a facility commencing to discharge on or after April 2011 (which is the expiration date of the previous industrial stormwater general permit), and/or a facility not previously permitted under the April 2006 MSGP. Note: If you are a New Permittee and have not previously submitted a Storm Water Management Plan (SWMP) then you are required to submit a StWMP for review along with the NOI.

### **Section I - Owner Information**

Give the legal name of the person, firm, public (municipal) organization, or any other entity that owns the facility described in this application (RIPDES Rules 3 & 12). The name of the owner may or may not be the same as the name of the facility. Do not use a colloquial name. Enter the complete address and telephone number of the owner. Circle the appropriate choice to indicate the legal status of the owner of the facility.

### **Section II - Operator Information**

If the operator is the same as the owner, enter "Same as Owner". Give the legal name of the person, firm, public (municipal) organization, or any other entity that operates the facility described in this application (RIPDES Rules 3 & 12). The name of the operator may or may not be the same as that of the facility. The operator is the legal entity that controls the facility's operation, rather than the plant or site manager. Do not use a colloquial name. Enter the complete address and telephone number of the operator. Circle the appropriate choice to indicate the legal status of the owner of the facility.

### **Section III - Facility Information**

Enter the facility's official or legal name and complete street address and telephone number. Indicate the latitude and longitude of the approximate center of the facility to the nearest 15 seconds as determined from a United States Geological Survey (USGS) Quadrangle Map. Enter the total area of the site (acres) and the total area of the impervious surface (acres), and the runoff

coefficient for the site. Please indicate if there is any existing quantitative data regarding storm water runoff from the site by checking "YES" or "NO". If "YES", please submit the relevant information. Please indicate the number of outfalls that contain storm water discharge associated with industrial activity. Check the appropriate box(es) to indicate the types of storm water management controls at the facility.

<http://www.dem.ri.gov/programs/benviron/water/permits/ripdes/stwater/graphics/watersh.jpg>  
<http://www.dem.ri.gov/programs/benviron/water/permits/ripdes/stwater/graphics/watersh.jpg>  
<http://www.dem.ri.gov/programs/benviron/water/permits/ripdes/stwater/graphics/watersh.jpg>

#### Section IV – Receiving Waters Information

If the storm water discharges to a separate storm sewer system check the box and enter the name of the operator of the storm sewer system and enter the name of the ultimate surface water. If the site discharges storm water directly to a surface water body check the box and enter the name of the receiving water. If the receiving water is an unnamed stream or wetlands that is either connected to a named surface water check the box and enter the name of surface water; or if the receiving water is an unnamed stream or wetlands not connected to named surface water check the box. Determine the water body ID number and if the receiving water body is impaired:

- Step 1: Go to:

<http://www.dem.ri.gov/maps/index.htm>

- Step 2: Select Environmental Resource Map.
- Step 3: Open the "DEM Water Quality and Impairments" Folder listed under the LAYERS heading.
- Step 4: Select "Stream WQ Assessment", "Pond WQ Assessment" or "Estuary WQ Assessment" as applicable for your discharge, by checking the square box and clicking on the "Refresh Map" button.
- Step 5: Activate the appropriate layer by selecting the circle next to the applicable "WQ assessment" water body type (stream, pond, estuarine).
- Step 6: Click on left hand legend the "Toggle between Legend and Layers List" icon (top left icon), legend with water quality categories pops-up on the right. Water classes 5 and 4A, indicate impaired water bodies scheduled for a TMDL and impaired water bodies with EPA approved TMDLs respectively.

- Step 7: Select the Zoom from icons listed on the left hand legend and zoom in to the area in the vicinity of your industrial facility and ultimate receiving water body.
- Step 8: Open the "Transportation" folder listed under the LAYERS heading and select "Primary Roads" or "All Roads" then click on refresh button .
- Step 8: Select the information feature (i icon in red circle) on the left hand legend, and click on the receiving water body on the vicinity of the ultimate discharging point. Information regarding the receiving water body will be shown on the bottom of the screen, such as the name of the water body, water body ID number, and Integrated Report Category (IRCat), water classes 5 and 4A, indicate impaired water bodies scheduled for a TMDL and impaired water bodies with EPA approved TMDLs respectively.

Enter the name and code of the watershed that receives the storm water runoff. Available at:

<http://www.dem.ri.gov/maps/mapfile/watershed.jpg>  
(RI Watersheds)).

#### Section V - Industrial Activity Information

List your primary and secondary 4-digit standard industrial classification (SIC) codes or 2-character Activity Codes that best describe the principle products or services provided at the facility or site identified in Section III of this application. Use the following 2-character codes for industrial activities defined in RIPDES Rule 31(b)(15)(i)-(xi) that do not have SIC codes to accurately describe them;

**HZ** = Hazardous waste treatment, storage or disposal facilities, including those that are operating under interim status or a permit subtitle C of RCRA [40 CFR 122.26 b)(14)(iv)];

**LF** = Landfills, land application sites and open dumps that receive or have received any industrial waste, including those that are subject to regulation under subtitle D of RCRA [40 CFR 122.26 b)(14)(v)];

**SE** = Steam electric power generating facilities, including coal handling sites [40 CFR 122.26 b)(14)(vii)];

**TW** = Treatment works treating domestic sewage or any other sewage sludge or wastewater treatment device or system, used in the storage, treatment, recycling, and reclamation of municipal or domestic sewage [40 CFR 122.26 b)(14)(ix)]; or

Alternatively, if your facility or site was specifically designated by the RIPDES permitting authority, enter AD.

Using Table 1 (enclosed), indicate the SIC code for your

industry. Select up to three (3) additional applicable sectors of industrial activity with associated discharges that you seek to have covered under this permit.

**Co-located Activities.** If the permittee has co-located industrial activities on-site that are described in a sector(s) other than the primary sector, the permittee must comply with all other applicable sector-specific conditions found in Part VI for the co-located industrial activities. The extra sector-specific requirements are applied only to those areas of the facility where the extra-sector activities occur. An activity at a facility is not considered co-located if the activity, when considered separately, does not meet the description of a category of industrial activity covered by the storm water regulations, and identified by this general permit SIC code list. For example, unless the permittee is actually hauling substantial amounts of freight or materials with the facility's own truck fleet or are providing a trucking service to outsiders, simple maintenance of vehicles used at the facility is unlikely to meet the SIC code group 42 description of a motor freight transportation facility. Even though Sector P may not apply, the runoff from the vehicle maintenance facility would likely still be considered storm water associated with industrial activity. As such, the SWMP must still address the runoff from the vehicle maintenance facility—although not necessarily with the same degree of detail as required by Sector P—but the permittee would not be required to monitor as per Sector P.

### **Section VI - Regulatory Information**

If there is a RCRA permit issued for the facility, check the box and list the permit number(s).

If there are other RIPDES permits issued for the facility, check the box and list the permit number(s). If an application has been submitted but no permit number has been assigned, enter "*new application*" in the space provided for the RIPDES Permit number.

If the facility is subject to Categorical Effluent Guidelines in Table 2 (enclosed), check the appropriate box and attach a list of appropriate parameters.

Check the appropriate box if you know or have reason to believe that pollutants from Tables 4 through 7 (enclosed) are present at your facility and attach a list of those pollutants. Base your determination that a pollutant is present at your facility on your knowledge of the raw materials, material management practices, maintenance chemicals, history of spills and releases, intermediate and final products and byproducts, and any previous analyses known of the effluent or similar effluent.

If your facility is subject to benchmark monitoring listed in Table 3 (enclosed) check the appropriate box.

### **Section VII – Owner/Operator Certification**

State and Federal statutes provide for severe penalties for submitting false information on this application form. State and Federal regulations require this application to be signed as follows (RIPDES Rule 12):

*For a corporation:* by a responsible corporate officer, which means: (i) president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions, or (ii) the manager of one or more manufacturing, production, or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million (in second quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

- *For a partnership or sole proprietorship:* by a general partner or the proprietor;
- *For a Municipality, State, Federal or other public facility:* by either a principal executive officer or ranking elected official.

\*Note that this section also requires certification that a copy of the Notice of Intent (NOI) was sent to and received by the appropriate MS4 Owner/Operator. Please provide the date it was received.

### **Section VIII –SWMP Development Certification**

This section needs to be filled out for discharges of storm water associated with industrial activity which were authorized under the 2006 MSGP or facilities not authorized under the 2006 MSGP that applied after the previous permit expired and submitted a SWMP as part of their application.\* The purpose of this certification is for the person or persons who prepared the SWMP to document that a site specific SWMP was prepared consistent with the requirements of the General Permit prior to filing the NOI. This certification does not alleviate or in any way limit the liability and sole responsibility of the Owner/Operator to properly implement the SWMP and to amend the SWMP as may be required.

\* For New Permittees or previously unpermitted facilities or discharges, the submission of a SWMP to accompany the NOI for review is required as per the permit requirements. (Signed certification is optional.)

**Table 1. Sectors of Industrial Activity Covered by This Permit**

Subsector (May be subject to more than one sector/subsector)	SIC Code or Activity Code <sup>1</sup>	Activity Represented
<b>SECTOR A: TIMBER PRODUCTS</b>		
A1	2421	General Sawmills and Planing Mills
A2	2491	Wood Preserving
A3	2411	Log Storage and Handling
A4	2426	Hardwood Dimension and Flooring Mills
	2429	Special Product Sawmills, Not Elsewhere Classified
	2431-2439 (except 2434)	Millwork, Veneer, Plywood, and Structural Wood (see Sector W)
	2448	Wood Pallets and Skids
	2449	Wood Containers, Not Elsewhere Classified
	2451, 2452	Wood Buildings and Mobile Homes
	2493	Reconstituted Wood Products
2499	Wood Products, Not Elsewhere Classified	
A5	2441	Nailed and Lock Corner Wood Boxes and Shook
<b>SECTOR B: PAPER AND ALLIED PRODUCTS</b>		
B1	2631	Paperboard Mills
B2	2611	Pulp Mills
	2621	Paper Mills
	2652-2657	Paperboard Containers and Boxes
	2671-2679	Converted Paper and Paperboard Products, Except Containers and Boxes
<b>SECTOR C: CHEMICALS AND ALLIED PRODUCTS</b>		
C1	2873-2879	Agricultural Chemicals
C2	2812-2819	Industrial Inorganic Chemicals
C3	2841-2844	Soaps, Detergents, and Cleaning Preparations; Perfumes, Cosmetics, and Other Toilet Preparations
C4	2821-2824	Plastics Materials and Synthetic Resins, Synthetic Rubber, Cellulosic and Other Manmade Fibers Except Glass
C5	2833-2836	Medicinal Chemicals and Botanical Products; Pharmaceutical Preparations; in vitro and in vivo Diagnostic Substances; and Biological Products, Except Diagnostic Substances
	2851	Paints, Varnishes, Lacquers, Enamels, and Allied Products
	2861-2869	Industrial Organic Chemicals
	2891-2899	Miscellaneous Chemical Products
	3952 (limited to list of inks and paints)	Inks and Paints, Including China Painting Enamels, India Ink, Drawing Ink, Platinum Paints for Burnt Wood or Leather Work, Paints for China Painting, Artist's Paints and Artist's Watercolors
2911	Petroleum Refining	



**Table 1. Sectors of Industrial Activity Covered by This Permit**

Subsector (May be subject to more than one sector/subsector)	Permit SIC Code or Activity Code	Activity Represented	
<b>SECTOR D: ASPHALT PAVING AND ROOFING MATERIALS AND LUBRICANTS</b>			
D1	2951, 2952	Asphalt Paving and Roofing Materials	
D2	2992, 2999	Miscellaneous Products of Petroleum and Coal	
<b>SECTOR E: GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS</b>			
E1	3251-3259	Structural Clay Products	
	3261-3269	Pottery and Related Products	
E2	3271-3275	Concrete, Gypsum, and Plaster Products	
E3	3211	Flat Glass	
	3221, 3229	Glass and Glassware, Pressed or Blown	
	3231	Glass Products Made of Purchased Glass	
	3241	Hydraulic Cement	
	3281	Cut Stone and Stone Products	
	3291-3299	Abrasive, Asbestos, and Miscellaneous Nonmetallic Mineral Products	
	<b>SECTOR F: PRIMARY METALS</b>		
	F1	3312-3317	Steel Works, Blast Furnaces, and Rolling and Finishing Mills
	F2	3321-3325	Iron and Steel Foundries
	F3	3351-3357	Rolling, Drawing, and Extruding of Nonferrous Metals
F4	3363-3369	Nonferrous Foundries (Castings)	
F5	3331-3339	Primary Smelting and Refining of Nonferrous Metals	
	3341	Secondary Smelting and Refining of Nonferrous Metals	
	3398, 3399	Miscellaneous Primary Metal Products	
<b>SECTOR G: METAL MINING (ORE MINING AND DRESSING)</b>			
G1	1021	Copper Ore and Mining Dressing Facilities	
G2	1011	Iron Ores	
	1021	Copper Ores	
	1031	Lead and Zinc Ores	
	1041, 1044	Gold and Silver Ores	
	1061	Ferroalloy Ores, Except Vanadium	
	1081	Metal Mining Services	
	1094, 1099	Miscellaneous Metal Ores	
	<b>SECTOR H: COAL MINES AND COAL MINING-RELATED FACILITIES</b>		
	H1	1221-1241	Coal Mines and Coal Mining-Related Facilities
	<b>SECTOR I: OIL AND GAS EXTRACTION AND REFINING</b>		
	I1	1311	Crude Petroleum and Natural Gas
		1321	Natural Gas Liquids
1381-1389		Oil and Gas Field Services	
<b>SECTOR J: MINERAL MINING AND DRESSING</b>			
J1	1442	Construction Sand and Gravel	
	1446	Industrial Sand	
J2	1411	Dimension Stone	
	1422-1429	Crushed and Broken Stone, Including Rip Rap	
	1481	Nonmetallic Minerals Services, Except Fuels	
	1499	Miscellaneous Nonmetallic Minerals, Except Fuels	
J3	1455, 1459	Clay, Ceramic, and Refractory Materials	
	1474-1479	Chemical and Fertilizer Mineral Mining	

**Table 1. Sectors of Industrial Activity Covered by This Permit**

Subsector (May be subject to more than one sector/subsector)	Permit SIC Code or Activity Code	Activity Represented
<b>SECTOR K: HAZARDOUS WASTE TREATMENT, STORAGE, OR DISPOSAL FACILITIES</b>		
K1	HZ	Hazardous Waste Treatment, Storage, or Disposal Facilities, including those that are operating under interim status or a permit under subtitle C of RCRA
<b>SECTOR L: LANDFILLS, LAND APPLICATION SITES, AND OPEN DUMPS</b>		
L1	LF	All Landfill, Land Application Sites and Open Dumps
L2	LF	All Landfill, Land Application Sites and Open Dumps, except Municipal Solid Waste Landfill (MSWLF) Areas Closed in Accordance with 40 CFR 258.60
<b>SECTOR M: AUTOMOBILE SALVAGE YARDS</b>		
M1	5015	Automobile Salvage Yards
<b>SECTOR N: SCRAP RECYCLING FACILITIES</b>		
N1	5093	Scrap Recycling and Waste Recycling Facilities
<b>SECTOR O: STEAM ELECTRIC GENERATING FACILITIES</b>		
O1	SE	Steam Electric Generating Facilities, including coal handling sites
<b>SECTOR P: LAND TRANSPORTATION AND WAREHOUSING</b>		
P1	4011, 4013	Railroad Transportation
	4111-4173	Local and Highway Passenger Transportation
	4212-4231	Motor Freight Transportation and Warehousing
	4311	United States Postal Service
	5171	Petroleum Bulk Stations and Terminals
<b>SECTOR Q: WATER TRANSPORTATION</b>		
Q1	4412-4498	Water Transportation Facilities
	4499 *	Water Transportation Facilities Not Elsewhere Classified *except facilities engaged in marine wrecking ships for scrap, marine salvaging and ship dismantling.
<b>SECTOR R: SHIP AND BOAT BUILDING AND REPAIRING YARDS</b>		
R1	3731, 3732	Ship and Boat Building or Repairing Yards
<b>SECTOR S: AIR TRANSPORTATION FACILITIES</b>		
S1	4512-4581	Air Transportation Facilities
<b>SECTOR T: TREATMENT WORKS</b>		
T1	TW	Treatment Works treating domestic sewage or any other sewage sludge or wastewater treatment device or system, used in the storage, treatment, recycling, and reclamation of municipal or domestic sewage, including land dedicated to the disposal of sewage sludge that are located within the confines of the facility, with a design flow of 1.0 mgd or more, or required to have an approved pretreatment program under 40 CFR Part 403. Not included are farm lands, domestic gardens or lands used for sludge management where sludge is beneficially reused and which are not physically located in the confines of the facility, or areas that are in compliance with section 405 of the CWA

**Table 1. Sectors of Industrial Activity Covered by This Permit**

Subsector (May be subject to more than one sector/subsector)	Permit SIC Code or Activity Code	Activity Represented
<b>SECTOR U: FOOD AND KINDRED PRODUCTS</b>		
U1	2041-2048	Grain Mill Products
U2	2074-2079	Fats and Oils Products
U3	2011-2015	Meat Products
	2021-2026	Dairy Products
	2032-2038	Canned, Frozen, and Preserved Fruits, Vegetables, and Food Specialties
	2051-2053	Bakery Products
	2061-2068	Sugar and Confectionery Products
	2082-2087	Beverages
	2091-2099	Miscellaneous Food Preparations and Kindred Products
	2111-2141	Tobacco Product
<b>SECTOR V: TEXTILE MILLS, APPAREL, AND OTHER FABRIC PRODUCT MANUFACTURING; LEATHER AND LEATHER PRODUCTS</b>		
V1	2211-2299	Textile Mill Products
	2311-2399	Apparel and Other Finished Products Made from Fabrics and Similar Materials
	3131-3199	Leather and Leather Products (note: see Sector Z1 for Leather Tanning and Finishing)
<b>SECTOR W: FURNITURE AND FIXTURES</b>		
W1	2434	Wood Kitchen Cabinets
	2511-2599	Furniture and Fixtures
<b>SECTOR X: PRINTING AND PUBLISHING</b>		
X1	2711-2796	Printing, Publishing, and Allied Industries
<b>SECTOR Y: RUBBER, MISCELLANEOUS PLASTIC PRODUCTS, AND MISCELLANEOUS MANUFACTURING INDUSTRIES</b>		
Y1	3011	Tires and Inner Tubes
	3021	Rubber and Plastics Footwear
	3052, 3053	Gaskets, Packing and Sealing Devices, and Rubber and Plastic Hoses and Belting
	3061, 3069	Fabricated Rubber Products, Not Elsewhere Classified
Y2	3081-3089	Miscellaneous Plastics Products
	3931	Musical Instruments
	3942-3949	Dolls, Toys, Games, and Sporting and Athletic Goods
	3951-3955 (except 3952 – see Sector C)	Pens, Pencils, and Other Artists' Materials
	3961, 3965	Costume Jewelry, Costume Novelties, Buttons, and Miscellaneous Notions, Except Precious Metal
	3991-3999	Miscellaneous Manufacturing Industries
<b>SECTOR Z: LEATHER TANNING AND FINISHING</b>		
Z1	3111	Leather Tanning and Finishing
<b>SECTOR AA: FABRICATED METAL PRODUCTS</b>		
AA1	3411-3499 (except 3479)	Fabricated Metal Products, Except Machinery and Transportation Equipment, and Coating, Engraving, and Allied Services.
	3911-3915	Jewelry, Silverware, and Plated Ware
AA2	3479	Fabricated Metal Coating and Engraving

**Table 1. Sectors of Industrial Activity Covered by This Permit**

Subsector (May be subject to more than one sector/subsector)	Permit SIC Code or Activity Code	Activity Represented
<b>SECTOR AB: TRANSPORTATION EQUIPMENT, INDUSTRIAL OR COMMERCIAL MACHINERY</b>		
AB1	3511-3599 (except 3571-3579)	Industrial and Commercial Machinery, Except Computer and Office Equipment (see Sector AC)
	3711-3799 (except 3731, 3732)	Transportation Equipment Except Ship and Boat Building and Repairing (see Sector R)
<b>SECTOR AC: ELECTRONIC, ELECTRICAL, PHOTOGRAPHIC, AND OPTICAL GOODS</b>		
AC1	3571-3579	Computer and Office Equipment
	3812-3873	Measuring, Analyzing, and Controlling Instruments; Photographic and Optical Goods, Watches, and Clocks
	3612-3699	Electronic and Electrical Equipment and Components, Except Computer Equipment
<b>SECTOR AD: NON-CLASSIFIED FACILITIES</b>		
AD1		Other stormwater discharges designated by the Director as needing a permit (see 40 CFR 122.26(a)(9)(i)(C) & (D)) or any facility discharging stormwater associated with industrial activity not described by any of Sectors A-AC. NOTE: Facilities may not elect to be covered under Sector AD. Only the Director may assign a facility to Sector AD.

**TABLE 2 – EFFLUENT GUIDELINES APPLICABLE TO DISCHARGES THAT MAY BE ELIGIBLE FOR PERMIT COVERAGE**

Effluent Guideline	New source performance standards included in effluent guidelines?	Sectors with Affected Facilities
Runoff from material storage piles at cement manufacturing facilities [40 CFR Part 411 Subpart C (established February 23, 1977)].	Yes	E
Contaminated runoff from phosphate fertilizer manufacturing facilities [40 CFR Part 418 Subpart A (established April 8, 1974)].	Yes	C
Coal pile runoff at steam electric generating facilities [40 CFR Part 423 (established November 19, 1982)].	Yes	O
Discharges resulting from spray down or intentional wetting of logs at wet deck storage areas [40 CFR Part 429, Subpart I (established January 26, 1981)].	Yes	A
Mine dewatering discharges at crushed stone mines [40 CFR Part 436, Subpart B].	No	J
Mine dewatering discharges at construction sand and gravel mines [40 CFR Part 436, Subpart C].	No	J
Mine dewatering discharges at industrial sand mines [40 CFR Part 436, Subpart D].	No	J
Runoff from asphalt emulsion facilities [40 CFR Part 443, Subpart A (established July 24, 1975)].	Yes	D
Runoff from landfills, [40 CFR Part 445, Subparts A and B (established February 2, 2000)].	Yes	K & L

**TABLE 3 – INDUSTRY SECTORS/SUB-SECTORS SUBJECT TO BENCHMARK MONITORING**

MSGP Sector <sup>1</sup>	Industry Sub-Sector	Required Parameters for Benchmark Monitoring
A	General Sawmills and Planning Mills	COD, TSS, Zinc.
	Wood Preserving Facilities	Arsenic, Copper.
	Log Storage and Handling	TSS.
	Hardwood Dimension and Flooring Mills	COD, TSS.
B	Paperboard Mills	COD.
C	Industrial Inorganic Chemicals	Aluminum, Iron, Nitrate + Nitrite N.
	Plastics, Synthetic Resins, etc.	Zinc.
	Soaps, Detergents, Cosmetics, Perfumes	Nitrate + Nitrite N, Zinc.
	Agricultural Chemicals	Nitrate + Nitrite N, Lead, Iron, Zinc, Phosphorus.
D	Asphalt Paving and Roofing Materials	TSS.
E	Clay Products	Aluminum.
	Concrete Products	TSS, Iron.
F	Steel Works, Blast Furnaces, and Rolling and Finishing Mills.	Aluminum, Zinc.
	Iron and Steel Foundries	Aluminum, TSS, Copper, Iron, Zinc.
	Non-Ferrous Rolling and Drawing	Copper, Zinc.
	Non-Ferrous Foundries (Castings)	Copper, Zinc.
G <sup>2</sup>	Copper Ore Mining and Dressing	COD, TSS, Nitrate + Nitrite N
H	Coal Mines and coal-Mining Related Facilities....	TSS, Aluminum, Iron
J	Dimension Stone, Crushed Stone, and Nonmetallic Minerals (except fuels)	TSS.
	Sand and Gravel Mining	Nitrate + Nitrite N, TSS.
K	Hazardous Waste Treatment Storage or Disposal	Ammonia, Magnesium, COD, Arsenic, Cadmium, Cyanide, Lead, Mercury, Selenium, Silver.
L	Landfills, Land Application Sites, and Open Dumps	Iron, TSS.
M	Automobile Salvage Yards	TSS, Aluminum, Iron, Lead.
N	Scrap Recycling and Waste Recycling Facilities	Copper, Aluminum, Iron, Lead, Zinc, TSS, COD.
	Facilities where shredding activities and/or shredding materials are exposed to stormwater	PCBs (Arochlors 1016, 1221, 1232, 1242, 1248, 1252, 1260), Oil and Grease
O	Steam Electric Generating Facilities	Iron.
Q	Water Transportation Facilities	Aluminum, Iron, Lead, Zinc.
R	Boat building and Repair Facilities	Aluminum, Iron, Lead, Zinc.
S	Airports with Deicing Activities <sup>3</sup>	BOD, COD, Ammonia, pH.
U	Grain Mill Products	TSS.
	Fats and Oils	BOD, COD, Nitrate + Nitrite N, TSS.
Y	Rubber Products	Zinc.
AA	Fabricated Metal Products Except Coating	Iron, Aluminum, Zinc, Nitrate + Nitrite N.
	Fabricated Metal Coating and Engraving	Zinc, Nitrate + Nitrite N.

<sup>1</sup> Table does not include parameters for compliance monitoring under effluent limitations guidelines.

<sup>2</sup> See Sector G (Part 6.G) for additional monitoring discharges from waste rock and overburden piles from active ore mining or dressing facilities.

<sup>3</sup> Monitoring requirement is for airports with deicing activities that utilize more than 100 tons of urea or more than 10,000 gallons of ethylene glycol per year.

**TABLE 4- ORGANIC TOXIC POLLUTANTS**

**Volatiles**

acrolein  
acrylonitrile  
benzene  
bromoform  
carbon tetrachloride  
chlorobenzene  
chlorodibromomethane  
chloroethane  
2-chloroethylvinyl ether  
chloroform  
dichlorobromomethane  
1,1-dichloroethane  
1,2-dichloroethane  
1,1-dichloroethylene  
1,2-dichloropropane  
1,3-dichloropropylene  
ethylbenzene  
methyl bromide  
methyl chloride  
methylene chloride  
1,1,2,2-tetrachloroethane  
tetrachloroethylene  
toluene  
1,2-trans-dichloroethylene  
1,1,1-trichloroethane  
1,1,2-trichloroethane  
trichloroethylene  
vinyl chloride

**Acid Compounds**

2-chlorophenol  
2,4-dichlorophenol  
2,4-dimethylphenol  
4,6-dinitro-o-cresol  
2,4-dinitrophenol  
2-nitrophenol  
4-nitrophenol  
p-chloro-m-cresol  
pentachlorophenol  
phenol  
2,4,6-trichlorophenol

**Base/Neutral Compounds**

acenaphthene \*  
acenaphthylene \*  
anthracene \*  
benzidine  
benzo(a)anthracene \*  
benzo(a)pyrene \*  
3,4-benzofluoranthene \*  
benzo(ghi)perylene \*  
benzo(k)fluoranthene \*  
bis(2-chloroethoxy)methane  
bis(2-chloroethyl)ether  
bis(2-chloroisopropyl)ether  
bis(2-ethylhexyl)phthalate  
4-bromophenyl phenyl ether  
butylbenzyl phthalate  
2-chloronaphthalene  
4-chlorophenyl phenyl ether  
chrysene \*  
dibenzo (a,h)anthracene \*  
1,2-dichlorobenzene  
1,3-dichlorobenzene  
1,4-dichlorobenzene  
3,3'-dichlorobenzidine  
diethyl phthalate  
dimethyl phthalate  
di-n-butyl phthalate  
2,4-dinitrotoluene  
2,6-dinitrotoluene  
di-n-octyl phthalate  
1,2-diphenylhydrazine (as azobenzene)  
fluoranthene \*  
fluorene \*  
hexachlorobenzene  
hexachlorobutadiene  
hexachlorocyclopentadiene  
hexachloroethane  
indeno(1,2,3-cd)pyrene \*  
isophorone  
naphthalene \*  
nitrobenzene  
N-nitrosodimethylamine  
N-nitrosodi-n-propylamine  
N-nitrosodiphenylamine  
phenanthrene \*  
pyrene \*  
1,2,4-trichlorobenzene  
\* = Polynuclear Aromatic Hydrocarbons

**Pesticides**

aldrin  
alpha-BHC  
beta-BHC  
gamma-BHC  
delta-BHC  
chlordane  
4,4'-DDT  
4,4'-DDE  
4,4'-DDD  
dieldrin  
alpha-endosulfan  
beta-endosulfan  
endosulfan sulfate  
endrin  
endrin aldehyde  
heptachlor  
heptachlor epoxide  
PCB-1242  
PCB-1254  
PCB-1221  
PCB-1232  
PCB-1248  
PCB-1260  
PCB-1016  
toxaphene

## **TABLE 5 - TOXIC METALS, CYANIDE & PHENOL**

Antimony, Total  
Arsenic, Total  
Beryllium, Total  
Cadmium, Total  
Chromium, Total  
Chromium, Hexavalent  
Copper, Total  
Lead, Total  
Mercury, Total  
Nickel, Total  
Selenium, Total  
Silver, Total  
Thallium, Total  
Zinc, Total  
Cyanide, Total  
Phenols, Total

## **TABLE 6 - CONVENTIONAL & NON-CONVENTIONAL POLLUTANTS**

Bromide  
Chlorine, Total Residual  
Color  
Fecal Coliform  
Fluoride  
Nitrate-Nitrite  
Nitrogen, Total Organic  
Oil & Grease  
Phosphorus, Total  
Radioactivity  
Sulfate  
Sulfide  
Sulfite  
Surfactants  
Aluminum, Total  
Barium, Total  
Boron, Total  
Cobalt, Total  
Iron, Total  
Magnesium, Total  
Molybdenum, Total  
Manganese, Total  
Tin, Total  
Titanium, Total

**TABLE 7 - HAZARDOUS SUBSTANCES & ASBESTOS**

***Toxic Pollutants***

Asbestos  
TCDD

***Hazardous Substances***

Acetaldehyde  
Allyl alcohol  
Allyl chloride  
Amyl Acetate  
Aniline  
Benzonitrile  
Benzyl Chloride  
Butyl acetate  
Butylamine  
Captan  
Carbaryl  
Carbofuran  
Carbon disulfide  
Chlorpyrifos  
Coumaphos  
Cresol  
Crotonaldehyde  
Cyclohexane  
2,4-D (2,4-Dichlorophenoxy acetic acid)  
Diazinon  
Dicamba  
Dichlone  
2,2-Dichloropropionic acid  
Dichlorvos  
Diethyl amine  
Dimethyl amine  
Dinitrobenzene  
Diquat  
Disulfoton  
Diuron  
Epichlorohydrin  
Ethion  
Ethylene diamine  
Ethylene dibromide  
Formaldehyde  
Furfural  
Guthion  
Isoprene  
Isopropanolamine  
Dodecylbenzenesulfonate  
Kelthane

Kepone  
Malathion  
Mercaptodimethur  
Methoxychlor  
Methyl mercaptan  
Methyl methacrylate  
Methyl parathion  
Mevinphos  
Mexacarbate  
Monoethyl amine  
Monomethyl amine  
Naled  
Napthenic acid  
Nitrotoluene  
Parathion  
Phenolsulfanate  
Phosgene  
Propargite  
Propylene oxide  
Pyrethrins  
Quinoline  
Resorcinol  
Strontium  
Strychnine  
Styrene  
2,4,5-T (2,4,5-Trichlorophenoxy acetic acid)  
TDE (Tetrachlorodiphenylethane)  
2,4,5-TP [2-(2,4,5-Trichlorophenoxy) propanoic acid]  
Trichlorofan  
Triethanolamine  
dodecylbenzenesulfonate  
Triethylamine  
Trimethylamine  
Uranium  
Vanadium  
Vinyl acetate  
Xylene  
Xylenol



