



SC DEPARTMENT *of*
**ENVIRONMENTAL
SERVICES**

Stormwater Compliance and Environmental Stewardship for Industrial Facilities

November 3, 2025



SC DEPARTMENT *of*
**ENVIRONMENTAL
SERVICES**

Stormwater Compliance and Environmental Stewardship for Industrial Facilities

November 3, 2025



Brandon Kersbergen // Stormwater Compliance Manager

- Central Office, Columbia, SC
 - Assistance to Regional Offices
 - Compliance with 4 Permits:
 - Construction SW, Industrial SW, Mines (SCG73), MS4s
-

Agenda

Background

Basics

Requirements

SCDES Resources

Contact Us



What is Industrial Stormwater?

- It is defined by Appendix A of the IGP as “Stormwater runoff from Industrial activity.
- Any stormwater (rain, flood waters, etc.) which comes into contact with materials or equipment used in, or produced from, industrial activities before leaving the industrial site is considered industrial stormwater.



Industrial Stormwater Application Types

- Notice of Intent (NOI) (D 2611)
- No Exposure Certification (NEC) (D 2616)
- Notice of Termination (NOT) (D 2609)
- No Discharge Determination (NDD)
- Modifications

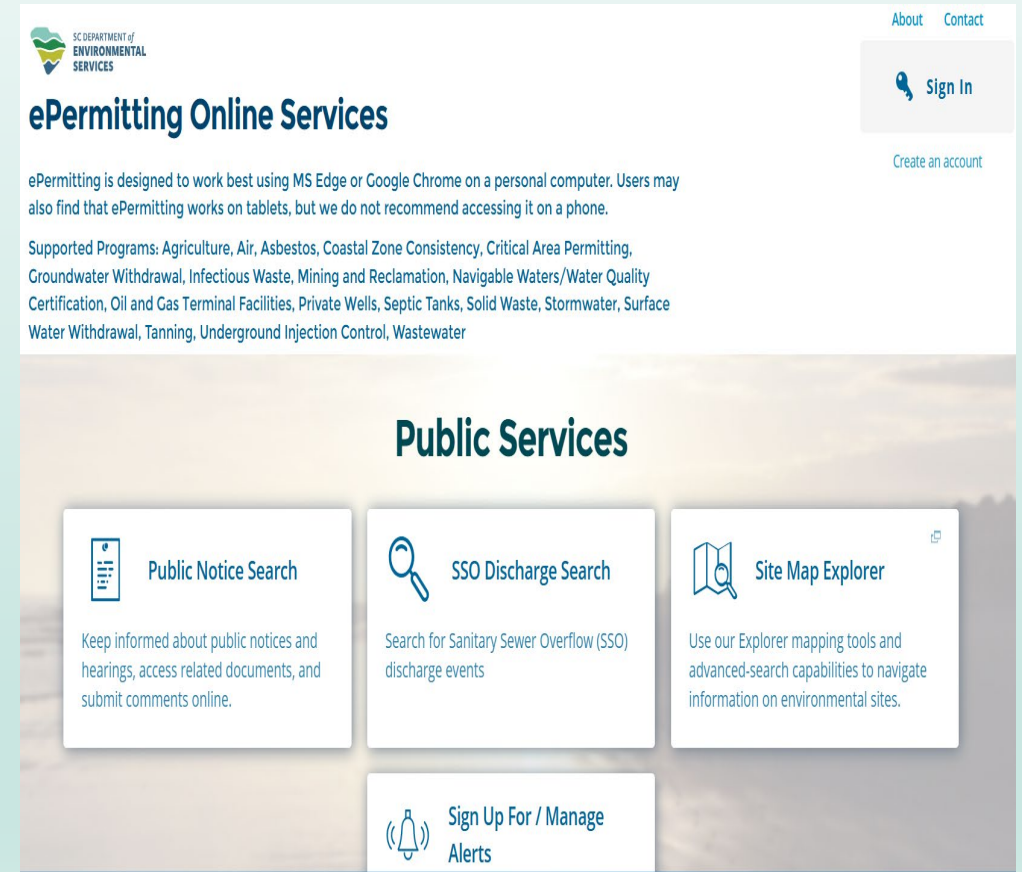
Compliance with the IGP

- ePermitting database
- Identify and apply for the appropriate permit
- Develop and implement a Stormwater Pollution Prevention Plan (SWPPP)
- Additional documentation requirements
- Routine inspections and required monitoring
- Best Management Practices
- Permit Renewal

ePermitting

SCDES's ePermitting System:

- Streamlined process of submitting applications, reports, and other documents
- All Industrial Stormwater applications must be submitted through ePermitting
- Must be a 'Certified User' to submit applications and responses.
- Complete the Electronic Signature Agreement to become CROMERR Certified
- ePermittingHelp@des.sc.gov





South Carolina Department of Environmental Services (SCDES)
ePermitting Certifier Agreement

This Certifier Agreement will allow you to electronically submit forms and schedules that require a signature using ePermitting. You must fill out this form completely, sign it, and return the completed original to the following address:

Certifier Agreement Administrator
South Carolina Department of Environmental Services
2600 Bull St
Columbia, SC 29201

Faxes, photocopies, scanned copies, and other facsimiles will not suffice.

CONTACT INFORMATION		
Salutation:	First Name:	Last Name:
Title/Position:		
Company/Organization:		
E-mail Address ¹ :		
Primary Phone No.:		Alternate Phone No.:

I, _____, the undersigned, am submitting this Certifier Agreement to SCDES to receive authorization to electronically submit forms and schedules using ePermitting. This agreement cannot be used for the submission of documents associated with the negotiation or execution of administrative orders, consent judgments, and other legal pleadings. With this authorization, any and all other submissions made through ePermitting using the accounts identified by my e-mail address above will be the equivalent of my handwritten signature on all electronically submitted reports, documents, applications, files, or forms authorized under this agreement, and shall have the full legal force of an actual handwritten signature pursuant to DES's Administrative Electronic Records, Signatures and Transactions Policy ([S.C. Regulation 61-115, Environmental Electronic Reporting Requirements](#)). My account will be authorized to submit electronic submissions upon receiving approval from the SCDES.

I hereby agree to the following terms and conditions:

- 1) I agree to protect and keep secure my User ID, password, and all security question and answer pairs from compromise and from use by any other party, including anyone who may be acting as my agent.
- 2) I will notify SCDES within 24 hours in the event I become aware that any accounts for this facility become compromised.
- 3) I will review and, if necessary, repudiate by submission of a notice to SCDES any electronic reports, documents, applications, files, or forms that may have been submitted to SCDES after this loss, theft, or other compromise.
- 4) I will review within 24 hours the acknowledgments and copies of submitted documents generated by ePermitting.
- 5) I will notify SCDES within 24 hours after discovery of any evidence of discrepancy between any information electronically submitted by my accounts and what was received by SCDES.

¹ The e-mail address is that which is used for your ePermitting account. It should be the e-mail address for the person listed here and should not be a group, general, or company-wide e-mail address.



South Carolina Department of Environmental Services (SCDES)
ePermitting Certifier Agreement

- 6) Notifications required by paragraphs 2, 3, and 5 above shall be made by sending an e-mail to ePermittingHelp@des.sc.gov.

I understand and agree that I shall be legally bound, obligated, and responsible, and subject to all penalties and reimbursements under law, for any unauthorized use or false or misleading submissions made under my ePermitting account. I understand that whenever I electronically sign and submit an electronic document to SCDES, acknowledgments and a copy of my submissions will be made available to me. I agree to review the acknowledgments and copies of documents I electronically sign and submit to SCDES. I agree to report to SCDES, within twenty-four hours of discovery, any evidence of discrepancy between an electronic document I have signed and submitted and SCDES has received from me.

SIGNATURE (must be wet ink and preferably blue)	
Signature	Date

Signatory Criteria:

Title V Facility: The role of Certifier must comply with the requirements of S.C. Regulation 61-62.70, *Title V Operating Permit Program*. Specially, S.C. Regulation 61-62.70.5(d) requires any application form, report, or compliance certification submitted pursuant to these regulations shall contain certification by a responsible official of truth, accuracy, and completeness.

Non-Title V Facility: The role of Certifier shall be executed by site owner or operator (an individual who owns, leases, operates, controls, or supervises a stationary source).

Professional Engineer: To sign a construction permit application, a Professional engineer must comply with the requirements of S.C. Regulation 61-62.1, *Air Pollution Control Regulations and Standards - Definitions and General Requirements, Section II (C)(1)* and must be assigned the role of Editor by the Site Administrator.

NPDES and ND Permittees and Applicants: The roles of Site Administrator and Certifier in ePermitting must comply with Regulation 61-9.122.22, Signatories to permit applications and reports. Therefore, a Site Administrator must meet the requirements of R.61-9.122.22(a) – the part of the regulation that sets forth the requirements for signatories of applications. A Certifier must meet the requirements of R.61-9.122.22(b) – the part of the regulation that sets forth requirements for signatories of reports and other information requested by the Department.

RCRA - The roles of Site Administrator and Certifier must comply with the requirements of S.C. Regulation 61-79.

UIC Permittees and Applicants: The roles of Site Administrator and Certifier in ePermitting must comply with Regulation 61-87, *Underground Injection Control Regulations*. All permit applications shall be signed as follows: (1) For a corporation: by a principal executive officer of at least the level of vice-president; (2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or, (3) For a municipality, state, federal or other public agency: by either a principal executive officer or ranking elected official. The person signing the application certifies the well will be operated in accordance with approved specifications and conditions of the permit.

Identify and Apply for the Appropriate Permit

- Any facility which primarily engages in activities designated by specific Standard Industrial Classification (SIC) codes or narrative activities defined in SC Reg 61-9 Section 122.26(b)(14), must apply for coverage under the Industrial Stormwater General Permit (IGP) or certify for a No Exposure Certification (NEC).

Identify and Apply for the Appropriate Permit

- No Exposure Certification (NEC) - EPA's Guidance Manual for Conditional Exclusion from Storm Water Permitting Based on "No Exposure" of Industrial Activities to Storm Water
- Industrial Stormwater General Permit (IGP) ~ 82% of permitted universe

No Exposure Certification (NEC)

- Industrial materials are located within a storm-resistant shelter and not exposed to precipitation.
- No Exposure Certification Form (D 2616)
- Exempt from Permit requirements:
 - SWPPP
 - Annual Fees
 - Annual Reports
 - Monitoring



the (IGP)

- NPDES General Permit for Stormwater Discharges Associated with Industrial Activity (SCR000000).
- South Carolina Regulation 61-9.122.26(b)(14) lists categories of industrial facilities that are required to obtain NPDES permit coverage for their stormwater discharges.
- 11 Different categories of industry based on Standard Industrial Classification (SIC). Categories i through ix and category xi are commonly called the Stormwater NPDES Industrial Program
- 27 different sectors of industry based on Standard Industrial Classification (SIC)

the (IGP)

NPDES GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITIES (EXCEPT CONSTRUCTION)

In compliance with the provisions of the Clean Water Act (CWA), as amended (33 U.S.C. 1251 *et seq.*) and the South Carolina Pollution Control Act, (SC Code 48-1-10, *et seq.*), operators of stormwater discharges associated with industrial activity located in South Carolina are authorized to discharge to waters of the State and the United States in accordance with the eligibility and Notice of Intent (NOI) requirements, effluent limitations, inspection requirements, and other conditions set forth in this permit. This permit consists of general requirements that apply to all facilities, found in Parts 1 through 7, and industry-sector-specific requirements, found in Part 8. Appendices (A through K), contain additional permit conditions that apply to all operators covered under this permit.



Jill C. Stewart, P.E., Director
Dam Safety and Stormwater Permitting Division
Bureau of Water

Permit No.: SCR0000000

Issued: May 26, 2022

Effective: July 1, 2022

Expires: June 30, 2027

Identify and Apply for the Appropriate Permit

- Any facility which primarily engages in activities designated by specific **Standard Industrial Classification (SIC)** codes or narrative activities defined in SC Reg 61-9 Section 122.26(b)(14), must apply for coverage under the Industrial Stormwater General Permit (IGP) or certify for a No Exposure Certification (NEC).
- SIC code will determine Sector
- Appendix D of the IGP

the (IGP) Sectors

- Sector : Grouping of like industrial activity
- Subsectors: further define requirements
- More than one can apply

Appendix D Activities Covered

Appendix D. Facilities and Activities Covered

Your permit eligibility is limited to discharges from facilities in the “sectors” of industrial activity summarized in Table D-1. These sector descriptions are based on Standard Industrial Classification (SIC) Codes and Industrial Activity Codes. References to “sectors” in this permit (e.g., sector-specific monitoring requirements) refer to these groupings.

Table D-1. Sectors of Industrial Activity Covered by This Permit		
Subsector (May be subject to more than one sector/subsector)	SIC Code or Activity Code ¹	Activity Represented
SECTOR A: TIMBER PRODUCTS		
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
A5	2499	Wood Products, Not Elsewhere Classified
	2441	Nailed and Lock Corner Wood Boxes and Shook
SECTOR B: PAPER AND ALLIED PRODUCTS		
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
SECTOR C: CHEMICALS AND ALLIED PRODUCTS		
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

Sectors in the IGP

Sector A : Timber Products	Sector R: Ship and Boat Building and Repairing Yards
Sector B : Paper and Allied Products	Sector S: Air Transportation Facilities
Sector C : Chemical and Allied Products Manufacturing	Sector T: Treatment Works
Sector D : Asphalt Paving and Roofing Materials and Lubricant Manufacturing	Sector U: Food and Kindred Products
Sector E: Glass, Clay, Cement, Concrete, and Gypsum Products	Sector V: Textile Mills, Apparel, and Other Fabric Product Manufacturing; Leather and Leather Products
Sector F: Primary Metals	Sector W: Furniture and Fixtures
Sector G: Metal Mining (Ore Mining and Dressing)	Sector X: Printing and Publishing
Sector K: Hazardous Waste Treatment, Storage, or Disposal Facilities	Sector Y: Rubber, Miscellaneous Plastic Products, and Miscellaneous Manufacturing Industries
Sector L: Landfills, Land Application Sites, and Open Dumps	Sector Z: Leather Tanning and Finishing
Sector M: Automobile Salvage Yards	Sector AA: Fabricated Metal Products
Sector N: Scrap Recycling Facilities	Sector AB: Transportation Equipment, Industrial or Commercial Machinery
Sector O: Steam Electric Generating Facilities	Sector AC: Electronic, Electrical, Photographic, and Optical Goods
Sector P: Land Transportation and Warehousing	Sector AD: Non-Classified Facilities
Sector Q: Water Transportation	

Identify and Apply for the Appropriate Permit

- Visit des.sc.gov to find the following resources:
 - [Find your SIC code](#)
 - [Convert NAICS code to a corresponding SIC code](#)
 - [29 Sectors of Industrial Activities](#)
 - [Guidance Manual for Conditional Exclusion from Stormwater Permitting Based on ""No Exposure"" of Industrial Activities to Stormwater](#)

Develop and Implement a SWPPP

- **Stormwater Pollution Prevention Plan (SWPPP)**

- Must be developed to address how a site will maintain compliance with the permit
- Prepared before permit coverage
- Developed by qualified personnel and must be certified per the signature requirements
- [Industrial Stormwater SWPPP Template](#) @ [des.sc.gov](#)

Industrial SWPPP Template

Introduction

To help you develop a SWPPP that is consistent with the NPDES General Permit for Storm Water Discharges associated with Industrial Activities except Construction (or, the General Permit), the South Carolina Department of Environmental Services (SCDES) has created this Industrial SWPPP template (or, "the Template"). Use of the Template will help ensure that your SWPPP addresses all the necessary elements required in Part 2 and 5 of the General Permit.

Before completing the Template, make sure you read and understand the requirements in the General Permit. A copy of the General Permit is available at the following web page:

https://des.sc.gov/sites/des/files/media/document/BOW_IndustrialStormwaterGP2022.pdf

Using the Industrial SWPPP Template

Tips for completing the Template:

- This Template is designed for use by all facilities eligible for coverage under the General Permit. The Template is NOT tailored to your individual industrial Sector. Depending on which industrial Sector you fall under (see Appendix D of the General Permit), you will need to address additional SWPPP requirements outlined in Section 8. Sector Specific Requirements of the permit.
- Complete a SWPPP before submitting your Notice of Intent (NOI) for permit coverage.
- Each section includes "instructions" and space for your facility's specific information. You should read the instructions for each section before you complete that section.
- The Template was developed in Microsoft Word so that you can easily add tables and additional text. Some sections may require only a brief description while others may require several pages of explanation.
- To make it easier to complete, the Template generally uses blue text where the operator is expected to enter information.

It is noted that while SCDES has made every effort to ensure the accuracy of all instructions and guidance contained in the Template, the actual obligations of regulated industrial facilities are determined by the relevant provisions of the permit, not by the Template. In the event of a conflict between the Template and any corresponding provision of the General Permit, the permit is the final authority. SCDES welcomes comments on the Template at any time and will consider those comments in any future revision of this document.

5.4 Additional Documentation Requirements.

You are required to maintain the following inspection, monitoring, and certification records and make them readily available to the Department. Paper or electronic versions of these records are acceptable. Along with your SWPPP, these complete and up-to-date records demonstrate full compliance with the conditions of this permit:

- a. A copy of the latest NOI submitted to the Department along with any correspondence exchanged between you and the Department specific to coverage under this permit;
- b. A copy of the acknowledgment letter you receive from the Department assigning your coverage certification number;
- c. A copy of this permit (an electronic copy easily available to SWPPP personnel is also acceptable);
- d. Descriptions and dates of any incidences of significant spills, leaks, or other releases that resulted in discharges of pollutants to waters of the State or U.S., through stormwater or otherwise; the circumstances leading to the release and actions taken in response to the release; and measures taken to prevent the recurrence of such releases (see Parts 2.1.2.4 and 5.1.3.3);
- e. Records of employee training, including the date training is received (see Part 2.1.2.9), documentation of maintenance and repairs of control measures, including the date(s) of regular maintenance, date(s) of discovery of areas in need of repair/replacement, and for repairs, date(s) that the control measure(s) returned to full function, and the justification for any extended maintenance/repair schedules (see Part 2.1.2.3);
- f. All inspection reports, including the Routine Facility Inspection Reports (see Part 4.1), the Quarterly Visual Assessment Reports (see Part 4.2), and the Comprehensive Site Inspection Reports (see Part 4.3);
- g. Descriptions of any deviations from the schedule for visual assessments and/or monitoring, and the reasons for the deviations (e.g., adverse weather or it was impracticable to collect samples within the first 30 minutes of actual discharge; (see Part 6.1.4);
- h. Description of any corrective action taken at your site, including triggering event and dates when problems were discovered and modifications occurred;
- i. Documentation of any benchmark exceedances and how they were responded to,



Develop and Implement a SWPPP

Contents of a SWPPP:

- Pollution Prevention Team
- Site Description
- Summary of Potential Pollutant Sources
- Description of control measures
- Schedules and Procedures
- Signature Requirements



Develop and Implement a SWPPP

Pollution Prevention Team:

- Identify staff members
- Update annually
- Responsible for maintaining control measures and take corrective action
- Include documentation in SWPPPP

Develop and Implement a SWPPP

Site Description:

- Activities at the Facility – nature of activity
- General Map – location of your facility
- Site Map – detailed map

c. *Site map.* Provide a map showing:

- i. the size of the property in acres;
- ii. the location and extent of significant structures and impervious surfaces;
- iii. directions of stormwater flow (use arrows);
- iv. locations of all existing structural control measures;
- v. locations of all receiving waters in the immediate vicinity of your facility, indicating if any of the waters are impaired and, if so, the level of impairment (with or without an EPA approved or established TMDL);
- vi. locations of all stormwater conveyances including ditches, pipes, and swales;

33

vii. locations of potential pollutant sources identified under Part 5.1.3.2;

viii. locations where significant spills or leaks identified under Part 5.1.3.3 have occurred;

ix. locations of all stormwater monitoring points;

x. locations of stormwater inlets and outfalls, with a unique identification code for each outfall (e.g., Outfall No. 1, No. 2, etc), indicating if you are treating one or more outfalls as "substantially identical" under Parts 4.2.3, 5.1.5.2, and 6.1.1, and an approximate outline of the areas draining to each outfall with an indication of the applicable Sector(s) for each outlined area;

xi. municipal separate storm sewer systems, where your stormwater discharges to them;

xii. locations and descriptions of all non-stormwater discharges identified under Part 2.1.2.10;

xiii. locations of the following activities where such activities are exposed to precipitation:

1. fueling stations;
2. vehicle and equipment maintenance and/or cleaning areas;
3. loading/unloading areas;
4. locations used for the treatment, storage, or disposal of wastes;
5. liquid storage tanks;
6. processing and storage areas;
7. immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste material, or by-products used or created by the facility;
8. transfer areas for substances in bulk; and
9. machinery; and

xiv. locations and sources of run-on to your site that contains significant quantities of pollutants from adjacent property.

Develop and Implement a SWPPP

Summary of Potential Pollutant Sources:

- Identify and document areas of potential pollutant sources
- For every area Identified, description must include:
 - Activities in the area
 - Pollutants
 - Spills and Leaks
 - Unauthorized Discharges
 - Salt Storage / Pavement Deicing
 - Sampling Data



Develop and Implement a SWPPP

Description of Control Measures:

- Location
- Type of Controls
- Minimize unauthorized discharge
- Permanent BMPs



Develop and Implement a SWPPP

Schedules and Procedures:

- Good Housekeeping
- Maintenance
- Spill Prevention and Response
- Employee Training
- Monitoring and Inspections



Develop and Implement a SWPPP

Signature Requirements:

- Must sign and date SWPPP in accordance with Appendix B
- Must update and resign SWPPP every permit issuance

Routine Inspections and Monitoring: Inspections

Quarterly Routine

- Assessments of a site's industrial activities and their stormwater system in operation.
- One quarterly inspection each calendar year must be performed during a stormwater discharge.
- Minimum requirements in 4.1.2 of the IGP.
- Inactive and unstaffed exemption.



Routine Inspections and Monitoring: Inspections

Quarterly Visuals

- Collect a quarterly stormwater sample from each outfall
- Collected within 30 minutes of an actual discharge from a storm event
- Qualitative analysis for:
 - Color, Odor, Clarity, Floating/settled/suspended solids, Foam, Oil sheen, Other pollution
- Substantially identical outfalls



Routine Inspections and Monitoring: Inspections

Annual Comprehensive

- Performed annually, can also count as a quarterly routine inspection
- Qualified Personnel
- Review of the site's SWPPP.
- Review of the impaired waters lists (TMDL and 303(d))
- Corrective action



Routine Inspections and Monitoring: Benchmarks

Benchmarks (Sector-specific checklists)

Pollutant values intended to improve a site's stormwater practices. A goal.

Consists of an average of 4 quarterly samples. Arithmetic (non-bacteriological) vs. geometric (bacteriological)

$$\text{Average}_{\text{arith}} = (x_1 + x_2 + x_3 + x_4)/4$$

$$\text{Average}_{\text{geo}} = \sqrt[4]{x_1 * x_2 * x_3 * x_4}$$

An exceedance does not constitute a violation. A permittee retests after corrective action until they pass. Taking no corrective action and/or not continuing to test are violations.

Routine Inspections and Monitoring: Benchmarks

Benchmarks

- A site can claim no further reduction is “technologically available or economically feasible.” Then assume an annual frequency.
- There is a natural background allowance and an unstaffed and inactive exemption.
- Substantially identical outfalls allowed.
- Fourth year “refresh.” Monitoring starts over regardless of results in Years 1 through 3 of coverage.

Routine Inspections and Monitoring: Effluent Limits

Regulated Activity	40 CFR Part/Subpart	Effluent Limit
Discharges resulting from spray down or intentional wetting of logs at wet deck storage areas	Part 429, Subpart I	See Part 8.A.7
Runoff from phosphate fertilizer manufacturing facilities that comes into contact with any raw materials, finished product, byproducts or waste products (SIC 2874)	Part 418, Subpart A	See Part 8.C.4
Runoff from asphalt emulsion facilities	Part 443, Subpart A	See Part 8.D.4
Runoff from material storage piles at cement manufacturing facilities	Part 411, Subpart C	See Part 8.E.5
Runoff from hazardous waste landfills	Part 445, Subpart A	See Part 8.K.6
Runoff from non-hazardous waste landfills	Part 445, Subpart B	See Part 8.L.10
Runoff from coal storage piles at steam electric generating facilities	Part 423	See Part 8.O.7
Runoff containing urea from airfield pavement deicing at existing and new primary airports with 1,000 or more annual non-propeller aircraft departures	Part 449	See Part 8.S.8

Routine Inspections and Monitoring: Effluent Limits

Numeric Effluent Limit (Sector-specific checklists)

- Eight of the Sectors have this type of monitoring. Annual frequency with reporting.
- Exceedance is a violation. A retest is required within 30 days of corrective action or at the next discharge.
- If the retest is failed, an exceedance report is submitted to the Department and the site will test quarterly until the Department grants written approval to stop.
- Substantially identical outfalls are not allowed.

Routine Inspections and Monitoring: 303(d) and TMDL

Water Quality : Sections D & E of the IGP

- 303(d) – list of water quality sampling sites where water quality standards have been violated
- Total Maximum Daily Loads (TMDLs) – maximum amount of a pollutant that can enter a waterbody on daily basis without exceeding water quality standards
[SC R. 61-110](#)
- **Home – Programs - Bureau of Water - South Carolina 303(d) List of Impaired Waters & TMDLs**
- **Water Quality Tool**

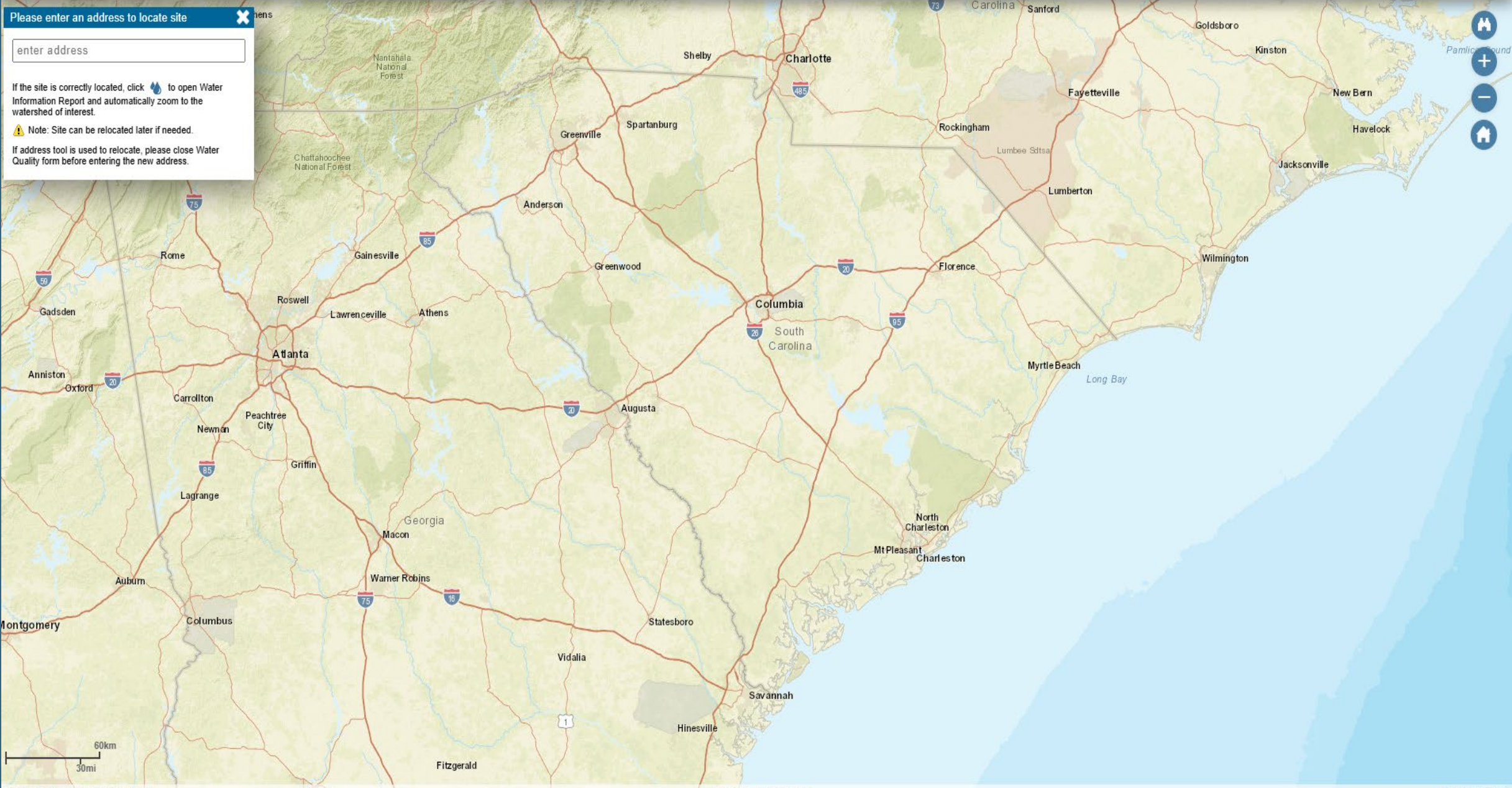
Please enter an address to locate site

enter address

If the site is correctly located, click  to open Water Information Report and automatically zoom to the watershed of interest.

 Note: Site can be relocated later if needed.

If address tool is used to relocate, please close Water Quality form before entering the new address.



Routine Inspections and Monitoring: 303(d) and TMDL

Water Quality (Sections D & E)

- “303(d)” frequency – annual; Fourth year “refresh”
- TMDL frequency – 4 times/12-month period (not quarterly); All four samples must meet the water quality standard in question to stop monitoring
- Inactive and unstaffed exemption allowed

Conduct Routine Inspections and Monitoring: 303(d) and TMDL

Water Quality (Sections D & E)

- “Outs” from the “303(d)” monitoring:
 - Natural background
 - “Not present and not expected to be present”
- “Outs” from the TMDL monitoring:
 - Same as above
 - The immediate sub watershed is meeting the water quality standard.

Follow Best Management Practices

- BMPs – management practices to prevent or reduce the pollution of waters of the State
- Sediment and Erosion BMPs – facility/site must stabilize and manage runoff
- Structural and non-structural

Erosion Prevention BMPs

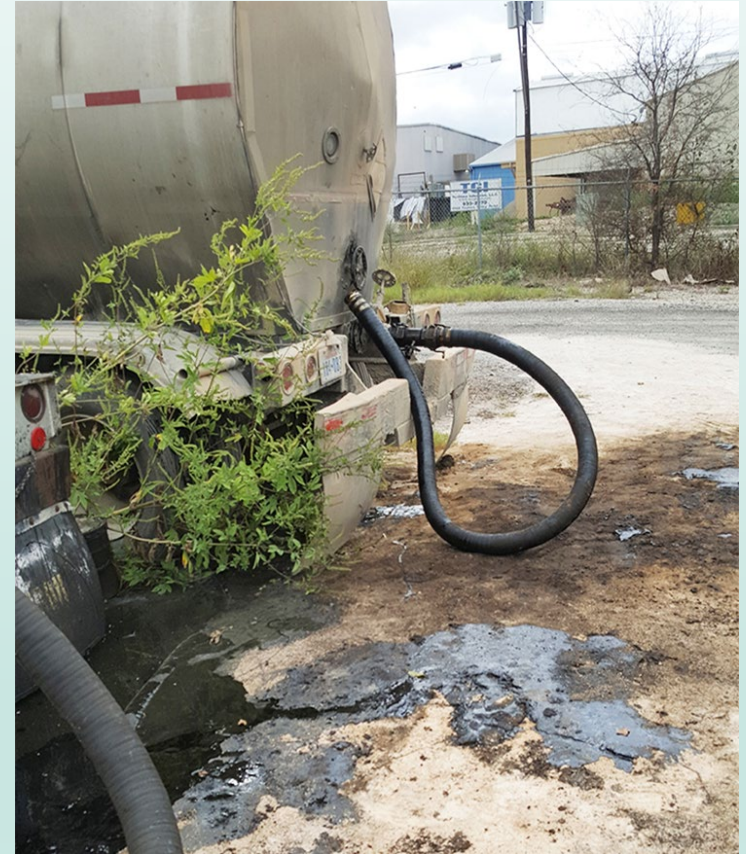
- [Erosion Prevention](#)
- [Surface Roughening](#)
- [Temporary Seeding](#)
- [Mulching](#)
- [Erosion Control Blankets](#)
- [Turf Reinforcement Mats](#)
- [Flexible Growth Media](#)
- [Bonded Fiber Matrix](#)
- [Permanent Seeding](#)
- [Sodding](#)
- [Riprap](#)
- [Outlet Protection](#)
- [Dust Control](#)
- [Polyacrylamide \(PAM\)](#)

Sediment Control BMPs

- [Sediment Control](#)
- [Sediment Basin](#) *(Revised March 2014)*

Renew Permit

- Must be renewed with every permit reissuance
- Update and recertify SWPPP before you can submit reapplication



Compliance Assistance

- SCDES Stormwater Compliance
 - Regional Inspectors and Supervisors
 - Central Office Personnel
- Compliance regularly offers compliance assistance to the regulated community.
- Stormwater Permitting sets the standard by working with engineers
- des.sc.gov



SC DEPARTMENT *of*
**ENVIRONMENTAL
SERVICES**

Stormwater Compliance and Environmental Stewardship for Industrial Facilities

November 3, 2025



SC DEPARTMENT *of*
**ENVIRONMENTAL
SERVICES**

Get in touch

Brandon Kersbergen // Stormwater Compliance Manager

Email: brandon.kersbergen@des.sc.gov

Office: 803.898.0944

Luke Abel // Stormwater Permitting Manager

Email: luke.abel@des.sc.gov

Office: 803.898.4255

Des.sc.gov



South Carolina Department of
Environmental Services



@SouthCarolinaDES



@SouthCarolinaDES



South Carolina Department of
Environmental Services



@SC_EnvServices