



# Industrial Stormwater: Compliance Assistance

EAC 2018

South Carolina Department of Health and Environmental Control  
Healthy People. **Healthy Communities.**

## SIC codes

- Vital first step
- OSHA website: [https://www.osha.gov/pls/imis/sic\\_manual.html](https://www.osha.gov/pls/imis/sic_manual.html)
- Other permits, tax documents, business licenses, “sister” sites, professional associations
- NAICS – many converters available
- Appendix D or SC Reg. 61-9.122.26(b)(14)



## Impaired Waters

- Water Quality Tool

<https://gis.dhec.sc.gov/water/stormwater.html>



SC Department of Health and Environmental Control  
**Water Quality Information**

Locate Water Info Measure Legend About Print

Imagery Topo Street

Please enter an address to locate site

Street

City  State SC

Zip Code

Locate Clear

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.

Map Legend

Map Layer	Map Symbol
<input type="checkbox"/> Monitoring Stations	
<input type="checkbox"/> TMDL Stations	
<input type="checkbox"/> Watersheds (10 Digits Hydrologic Units)	
<input type="checkbox"/> Coastal Critical Area	
<input type="checkbox"/> MS4 Designation	
<input type="checkbox"/> TMDL Watershed	
<input type="checkbox"/> 319 Project Area	
<input checked="" type="checkbox"/> Selected Monitoring Stations	
<input checked="" type="checkbox"/> Streams*	
* Grayed out until mid-level of full zoom	
Location Searched	
Location Accepted	

100 km  
50 mi



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### Stormwater Notice of Intent (NOI) Application Information

#### General Information

If location is incorrect, clear and use below to locate site.

Lat:  Long:

MS4 Designation:  [Info](#)

Within SC Coastal Critical Area:  [Info](#)

Watershed Name:  [Info](#)

Watershed Boundary Dataset(WBD):  [Info](#)

10-Digit Hydrologic Unit Code:

Select the nearest 'STREAM' in the watershed for name and classification. Water classification is 'PROVISIONAL' information.

Use to select stream.

The information can be cleared by selecting .

Waterbody Name:

Water Classification:  [Info](#)

To measure distance, select units, click on , hold left mouse button down and draw a line from site to stream.

Distance to Nearest Waterbody:  Feet

Follow the stream until it connects with another stream or reservoir.

Click on the downstream waterbody for name

Stream selection instructions listed above.

Nearest Downstream Waterbody:

#### Water Quality Information

Total Maximum Daily Load Approved Sites and Watersheds Report

Map Layer	Map Symbol
<input checked="" type="checkbox"/> Monitoring Stations	
<input type="checkbox"/> TMDL Stations	
<input checked="" type="checkbox"/> Watersheds (10 Digits Hydrologic Units)	
<input type="checkbox"/> Coastal Critical Area	
<input type="checkbox"/> MS4 Designation	
<input type="checkbox"/> TMDL Watershed	
<input type="checkbox"/> 319 Project Area	
<input checked="" type="checkbox"/> Selected Monitoring Stations	
<input checked="" type="checkbox"/> Streams*	
* Grayed out until mid-level of full zoom	
Location Searched	
Location Accepted	

## 303(d) vs. TMDL

- 303(d) – DHEC has results from our WQMS that indicate a concern
- TMDL – DHEC has done the modeling and analysis to tell exactly where and how much of a reduction is necessary to meet the water quality standard
- Sampling frequencies
  - 303(d) – yearly
  - TMDL – 4 times/12 month period (min. of 72 hrs separation)

## Impaired waters – “outs”

- Meet the water quality standard
- Background – not legacy pollution or run-on from neighbors
- “not present and not expected to be present”

## TMDL “outs”

- In addition to the “outs” on the preceding slide
- Breakdown of a TMDL watershed into a subwatershed (6.2.4.2.c.)
- If immediate downstream WQMS is meeting the standard (and immediate upstream WQMS if in tidally-influenced waters) for the parameter of concern, no sampling required





## TMDL “outs”

- Attainment status for each TMDL WQMS

[https://www.scdhec.gov/sites/default/files/docs/HomeAndEnvironment/Docs/tmdl\\_08sites.pdf](https://www.scdhec.gov/sites/default/files/docs/HomeAndEnvironment/Docs/tmdl_08sites.pdf)



Sites Covered Under an Approved TMDL and Attainment Status as of 10/03/18

BASIN	12-DIGIT HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	USE SUPPORT 2018	TMDL*	DHEC_TECH REPORT	APPROVAL DATE
BROAD	030501060603	BIG CEDAR CK AT SC 215	B-320	RICHLAND	REC	FC	Not Supported	InTMDL	007-01	3/26/2001
BROAD	030501080101	MOUNTAIN CK AT S-23-335	B-186	GREENVILLE	REC	FC	Not Supported	InTMDL	016-04	9/30/2004
BROAD	030501080101	ENOREE RVR AT UNNUM RD W US 25 N TRAVELERS REST	BE-001	GREENVILLE	REC	FC	Not Supported	InTMDL	016-04	9/30/2004
BROAD	030501080101	BEAVERDAM CK AT RD 1967	BE-039	GREENVILLE	REC	FC	Not Supported	InTMDL	016-04	9/30/2004
BROAD	030501080101	UNNAMED TRIB TO MOUNTAIN CREEK AT THE END OF EMMA ST OFF OF SEVIER ST OFF OF S-23-167 5 MI NNE OF GREENVILLE	RS-05594	GREENVILLE	REC	FC	Not Supported	WnTMDL	016-04	9/30/2004
BROAD	030501080102	PRINCESS CREEK AT SUBER MILL RD, SECOND RD S OF US 29 OFF S-23-540	B-192	GREENVILLE	REC	FC	Not Supported	InTMDL	016-04	9/30/2004
BROAD	030501080102	ROCKY CK AT BRDG IN BATESVILLE 1 MI AB JCT WITH ENOREE	BE-007	GREENVILLE	REC	FC	Not Supported	InTMDL	016-04	9/30/2004
BROAD	030501080102	ENOREE RVR AT CO RD 164	BE-015	GREENVILLE	REC	FC	Not Supported	InTMDL	016-04	9/30/2004
BROAD	030501080103	GILDER CK AT S-23-142 2.75 MI ENE OF MAULDIN	B-241	GREENVILLE	REC	FC	Not Supported	InTMDL	016-04	9/30/2004
BROAD	030501080103	GILDER CK AT S-23-143 1/4 MI AB JCT WITH ENOREE RVR	BE-020	GREENVILLE	REC	FC	Not Supported	InTMDL	016-04	9/30/2004
BROAD	030501080103	GILDER CK AT SC 14-AB GILDERS CK PT	BE-040	GREENVILLE	REC	FC	Not Supported	InTMDL	016-04	9/30/2004
BROAD	030501080104	ENOREE RVR AT SC 296, 7.5 MI NE OF MAULDIN	BE-017	GREENVILLE	REC	FC	Not Supported	InTMDL	016-04	9/30/2004
BROAD	030501080105	DURBIN CK ON S-23-160 3 MI E OF SIMPSONVILLE	B-035	GREENVILLE	REC	FC	Not Supported	InTMDL	016-04	9/30/2004
BROAD	030501080105	DURBIN CREEK AT SC 418	B-097	LAURENS	REC	FC	Not Supported	InTMDL	016-04	9/30/2004
BROAD	030501080106	ENOREE RVR AT S-42-118 SW OF WOODRUFF	B-037	LAURENS	REC	FC	Not Supported	InTMDL	016-04	9/30/2004
BROAD	030501080106	LICK CK AT S-42-118 1 1/4 MI SW WOODRUFF	B-038	SPARTANBURG	REC	FC	Not Supported	InTMDL	016-04	9/30/2004
BROAD	030501080106	ENOREE RVR AT S-30-112	B-040	LAURENS	REC	FC	Not Supported	WnTMDL	016-04	9/30/2004
BROAD	030501080106	ENOREE RVR AT S-30-75	BE-018	LAURENS	REC	FC	Not Supported	InTMDL	016-04	9/30/2004
BROAD	030501080106	ENOREE RIVER AT S-30-112 (BEAVERDAM CREEK RD) 1 LANE GIRDER BRIDGE, 0.3 MI W OF US 221	RS-11018	LAURENS	REC	FC	Not Supported	WnTMDL	016-04	9/30/2004
BROAD	030501080201	BEAVERDAM CK AT S-30-97, 7 MI NE OF GRAY COURT	B-246	LAURENS	REC	FC	Fully Supported	InTMDL	016-04	9/30/2004

## Benchmarks

- Goal, not a limit like other NPDES permits
- Metals values are hardness dependent ... in Freshwaters only; Saltwater values are fixed
- Tables in each applicable Sector or summarized in Appendix J
- Hardness is from the Receiving Water, not the sample
- STORET data, results your site pulls, or shared results from your neighbors

## Stream lining effort

- Multiple sampling types (benchmark, numeric effluent, water quality, visual assessment) can be performed at one time as long as there is enough analyte
- Multiple inspections can be performed at one time (annual comprehensive, routine, Sector specific)
- 4.3.1.g.



## No Exposure Certification (NEC) –DHEC Form 2616

- Have to be subject to the IGP to apply
- Eleven item checklist beginning on page 2 of application
- Guidance: <https://www3.epa.gov/npdes/pubs/noxguide.pdf>  
(Guidance Manual for Conditional Exclusion from Storm Water Permitting Based On “No Exposure” of Industrial Activities to Storm Water)
- Decision to pursue is entirely the site’s



## Notice of Termination (NOT) –DHEC Form 2609

- Legally binding close out of an Industrial Stormwater permitting decision
- Often forgotten when one business entity leaves a site
- Results in two active coverages in our records
- Include the coverage number

## Sector P

- Vehicle maintenance must be present on site to be subject (third party does not count!)
- Includes body repair, mechanical repair, fluid changes, fueling, cleaning
- SCG750000 (reference 2.1.2.1. in the IGP)
- Exceptions are SIC codes 4221 - 4225



## SWPPP

- DHEC template:  
<https://www.scdhec.gov/sites/default/files/docs/Environment/docs/stormwater/2016%20ind%20swppp.doc>
- Developing Your Stormwater Pollution Prevention Plan, A Guide for Industrial Operators  
[https://www3.epa.gov/npdes/pubs/industrial\\_swppp\\_guide.pdf](https://www3.epa.gov/npdes/pubs/industrial_swppp_guide.pdf)





The SWPPP is a “living” document. Don’t wait for corrective actions, annual comprehensive inspections, and/or a DHEC inspection to make changes/updates.

“There is no time like the present.”



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# CONTACT US

Mel Leaphart

(803) 898-4143

[Mel.Leaphart@dhec.sc.gov](mailto:Mel.Leaphart@dhec.sc.gov)

[www.scdhec.sc.gov/stormwater](http://www.scdhec.sc.gov/stormwater), select "Industrial Activities"

## Stay Connected



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