

## NC DWQ Stormwater Permitting Interactive Map

### Using This Map

This interactive map viewer uses Google Fusion Tables to show North Carolina permitting information in a Google Maps Interface. Finding a location is easier than ever—it is very similar to Google Maps:

1. Enter an address. It can be an entire street address, or simply part of one. Click the “Find Address” button.

setting started | Latest Headlines | National Hurricane Center | DEACON | NOAA National Weat...

Enter Address:

Latitude (decimal degrees, N):  Longitude (decimal degrees, W):

Need to convert degrees, minutes, seconds to decimal format? [↗](#)  
 Or, just enter coordinates in the 'ADDRESS' field like this: (deg min sec) (-deg min sec), and then click 'Find Address'.  
 Need help with this map? Contact Bethany Georgoulas at (919) 807-6372 or [bethany.georgoulas@ncdenr.gov](mailto:bethany.georgoulas@ncdenr.gov)

**Click on the map to see permitting information.**  
**Please check with the local government to verify current boundaries and specific stormwater requirements.**

Map | Satellite

Permitting	
<input checked="" type="checkbox"/>	No Program - Verify Locally <input type="checkbox"/>
<input checked="" type="checkbox"/>	Local Permitting Authority <input type="checkbox"/>
<input checked="" type="checkbox"/>	State Permitting Authority <input type="checkbox"/>
<input checked="" type="checkbox"/>	Multiple Permitting Authorities <input type="checkbox"/>

2. A **green marker** will appear. Click on the map just below the marker to retrieve permitting information for that location. (If you click on top of the marker, no information will come up.)

**Click on the map to see permitting information.**

**Please check with the local government to verify current boundaries and specific stormwater requirements.**

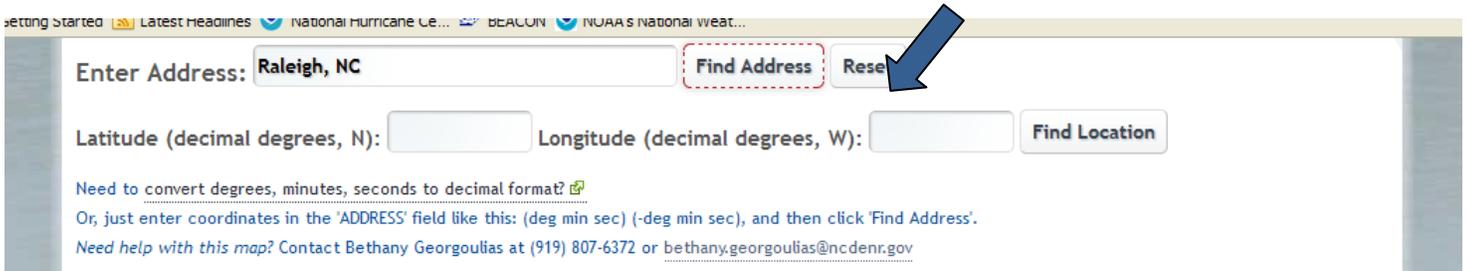
**County:** WAKE  
**Permitting:** Local  
**Type:** NSW city or county  
**Basis:** Neuse NSW Strategy  
**Note:** Ref. 15A NCAC 2B .0200 Rules  
**Contact:** Raleigh  
**NCDENR Region:** Raleigh  
**Category:** Local Program  
**Phase II Info:** Local program satisfies Phase II rqmts  
**Where Am I?:** Raleigh

Permitting	
<input checked="" type="checkbox"/>	No Program - Verify Locally <span style="display: inline-block; width: 15px; height: 15px; background-color: #ccc; border: 1px solid #ccc;"></span>
<input checked="" type="checkbox"/>	Local Permitting Authority <span style="display: inline-block; width: 15px; height: 15px; background-color: #d2b48c; border: 1px solid #ccc;"></span>
<input checked="" type="checkbox"/>	State Permitting Authority <span style="display: inline-block; width: 15px; height: 15px; background-color: #90ee90; border: 1px solid #ccc;"></span>
<input checked="" type="checkbox"/>	Multiple Permitting Authorities <span style="display: inline-block; width: 15px; height: 15px; background-color: #4169e1; border: 1px solid #ccc;"></span>
<input type="checkbox"/>	SA Within 1/2-mi of Shellfish Waters <span style="display: inline-block; width: 15px; height: 15px; background-color: #800000; border: 1px solid #ccc;"></span>

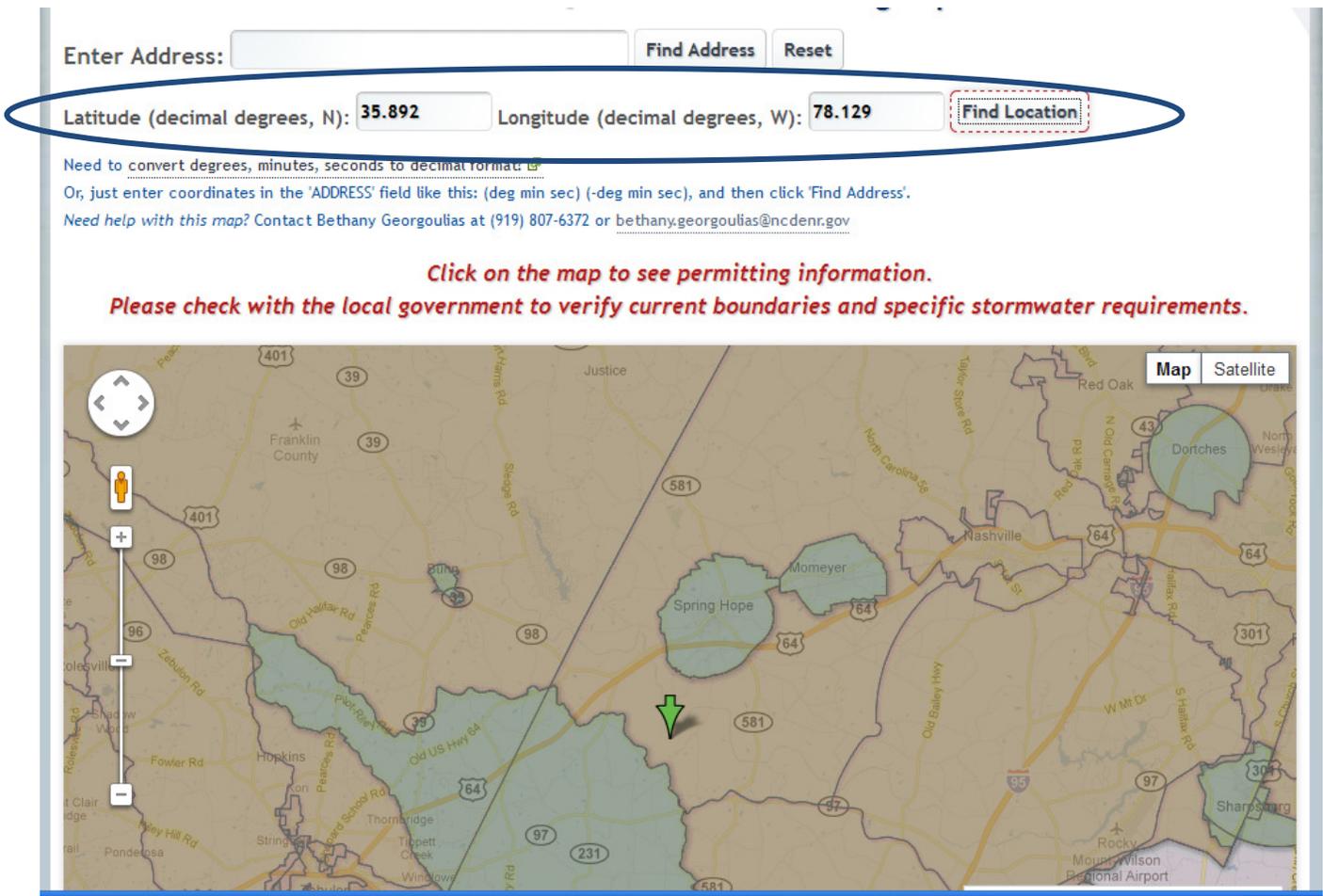
Powered by [Google Maps JavaScript API V3](#) and [Google Fusion Tables](#)

Note: Modified 2010 reference data to correct display problems for some areas (9/2/2011).

- To clear the marker and reset the map, click the “Reset” button at any time.



- To find a location with a latitude and longitude coordinate (**decimal degrees format**), enter each coordinate into the fields. You do not need to put a negative before the longitude number in the Longitude field. Click the “Find Location” button.



- 5. Finding a location with latitude and longitude in **degrees, minutes, seconds**: There are two options for doing this:

**Option #1: enter latitude, longitude coordinates as shown here.**

Enter Address:

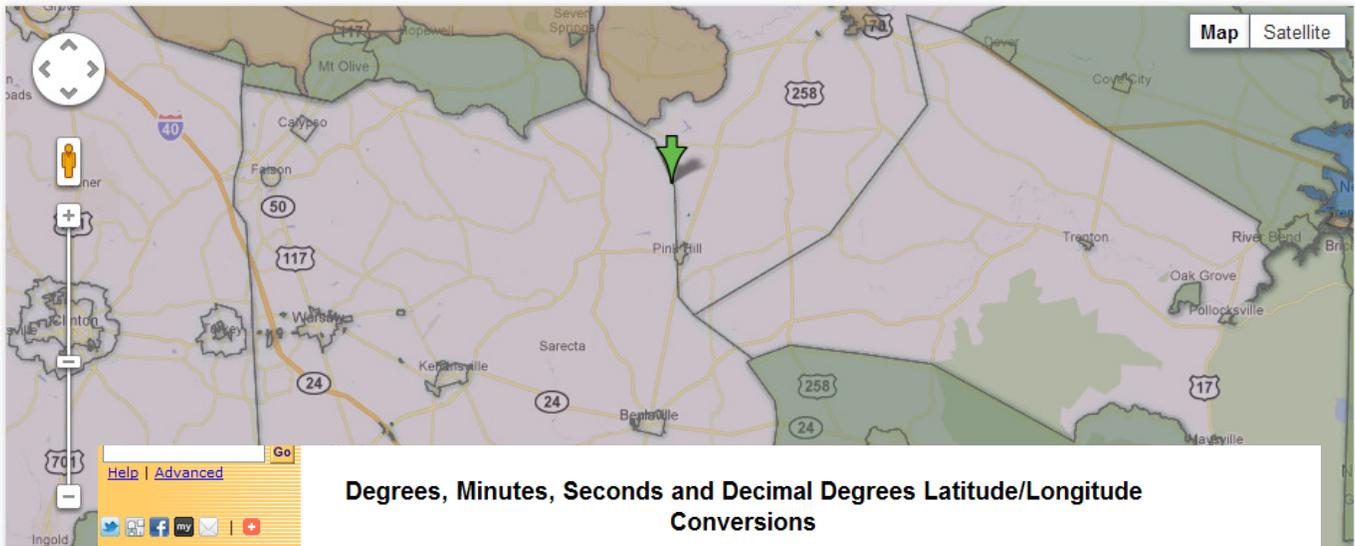
Latitude (decimal degrees, N):  Longitude (decimal degrees, W):

**Option #2: takes you to website below. Use results to locate.**

Need to convert degrees, minutes, seconds to decimal format? [Or, just enter coordinates in the 'ADDRESS' field like this: \(deg min sec\) \(-deg min sec\), and then click 'Find Address'.](#)  
[Need help with this map? Contact Bethany Georgoulas at \(919\) 807-6372 or bethany.georgoulas@ncdenr.gov](#)

*Click on the map to see permitting information.*

*Please check with the local government to verify current boundaries and specific stormwater requirements.*



### Degrees, Minutes, Seconds and Decimal Degrees Latitude/Longitude Conversions

This utility permits the user to convert latitude and longitude between decimal degrees and degrees, minutes, and seconds. For convenience, a link is included to the National Geodetic Survey's NADCON program, which allows conversions between the NAD83 / WGS84 coordinate system and the older NAD27 coordinate system. NAD27 coordinates are presently used for broadcast authorizations and applications.

This utility requires that Javascript be enabled to perform the calculations. The [older non-Javascript version](#) remains available.

#### Degrees Minutes Seconds to Decimal Degrees

Enter Degrees Minutes Seconds latitude:

Enter Degrees Minutes Seconds longitude:

**Results:** Latitude:  Longitude:

**Option #2 (cont.): Enter these results in the latitude and longitude decimal fields on the Stormwater Permitting Map.**

## General Disclaimer

The map representations are the best available as of July 2012 (2011 corporate boundaries). Please check with the local government (town, city or county) in your location to verify local stormwater requirements. Areas subject to Stormwater Post-Construction Permitting are based on existing programs and Session Laws 2006-246 and 2011-220. This map is intended as a tool to assist you in making a final determination about your stormwater permitting responsibilities. More current information supersedes any inaccuracies obtained here.

## Frequently Asked Questions

### What are the boundaries based on?

The map now includes more recent municipal boundaries from 2012 Powell Bill Data (reflect 2011 corporate boundaries), available ETJ data from 2010, and urbanized areas from both the 2000 and 2010 US Census. We have not acquired more recent ETJ data, and we modified some ETJ boundaries to remove erroneous slivers or overlaps with jurisdictions or other small areas that can cause problems with Google's display. That's why it is important for all users to **check with the local government (city and/or county) to verify current boundaries.**

### The 2010 Census delineated new urbanized areas and updated populations for cities and towns. When will DWQ do another update to show bigger municipal spheres of influence (MSIs) and new cities that must now come into the Phase II MS4 federal program?

We plan to update the stormwater permitting map again at the end of year 2013 to reflect those changes, as staff time and resources allow. DWQ also intends to notify all local governments affected by new areas where stormwater post-construction requirements will apply prior to making those changes in our map viewer.

### What happens when there are updates or changes before DWQ updates its map viewer?

It is important for all users to **check with the local government (town, city and/or county) to verify current boundaries** and to **verify the area is not in a newly-classified HQW or ORW watershed affected by State Stormwater permit rules.** Please see the DWQ Planning Section website (<http://portal.ncdenr.org/web/wq/ps/csu/classifications>) to find the latest information on re-classifications.

Also, be sure to check the "Important Updates and Corrections" document above the [Stormwater Permitting Interactive Map](#) link on our website.

### Where can I get the GIS stormwater permitting reference data layer for this map?

Go to the GIS and Maps section of the Stormwater Permitting Unit's website (<http://portal.ncdenr.org/web/wq/ws/su/maps>). Under the Stormwater GIS Data section of the page, we have made the GIS data layer available ("sw-ref20121231-DWQ-SPU.shp", about 32 MB).