

Determining Water Quality Classifications

High Quality Waters (HQW):

1. Visit <http://h2o.enr.state.nc.us/bims/reports/reportsWB.html>
2. Use the diagram to locate your stream by using River Basin, County, Index number, or the clickable maps.
3. High Quality Waters have the following classifications:
 - a. Water Supply I (WS-I)
 - b. Water Supply II (WS-II)
 - c. Outstanding Resource Waters (ORW)
 - d. High Quality Water (HQW)
 - e. Shellfish Waters (SA)
4. <http://portal.ncdenr.org/web/wq/ps/csu/maps> can provide additional information.

Trout Waters (Tr):

1. Visit <http://h2o.enr.state.nc.us/bims/reports/reportsWB.html>
2. Use the diagram to locate your stream by using River Basin, County, Index number, or the clickable maps.
 - a. Trout Waters have the designation of Tr.
3. <http://portal.ncdenr.org/web/wq/ps/csu/maps> can provide additional information.

*County Maps depicting Trout Waters and HQW Zones can be found at <http://portal.ncdenr.org/web/wq/ps/csu/maps>

Section 303d Waters:

1. Visit DWQ's website listing the [303d streams impaired for turbidity](http://portal.ncdenr.org/c/document_library/get_file?uuid=d8cf0cc2-6d8d-47e8-96e6-f769fca0cca4&groupId=38364).
(http://portal.ncdenr.org/c/document_library/get_file?uuid=d8cf0cc2-6d8d-47e8-96e6-f769fca0cca4&groupId=38364)
2. If your project involves a stream that is on the 303d list, it is highly recommended that this be noted on the EC plans. This will alert the project personnel of their responsibilities outlined in the NCDOT's NPDES permit.
3. Unnamed tributaries draining to the impaired stream reach are assumed to carry the 303(d) listing as well.
4. GIS data is available for download at http://207.4.252.94/DWQ_Data_Dist/

What does this mean to you?

- **High Quality Waters**

If any drainage length on the project drains to HQW then all drainage lengths on that project are considered classified as HQW and the higher level erosion control requirements for HQW and/or Trout will be implemented for that project. However if parts of the project are shown to drain into a different drainage basin that is not classified as HQW then those drainage lengths are not treated as HQW and will not need the higher level erosion control requirements for HQW and/or Trout.

- **Trout Waters**

Each drainage length's Water Quality Classification will be individually determined. The higher level erosion control requirements for HQW and/or Trout will be implemented for that section of the project if the drainage length is determined to be Trout. The normal level erosion control requirements will be implemented for that section of the project if the drainage length is not determined to be Trout.

- **NCDOT's NPDES permit requires:**

- a. The inspection of all erosion and sedimentation control devices, on projects that disturb 1 acre or more, **once** every 7 calendar days and within 24 hours after a storm event of 0.5" of rain per 24 hour period.
- b. The inspection of all erosion and sedimentation control devices, on projects that disturb 1 acre or more, **twice** every 7 calendar days and within 24 hours after a storm event of 0.5" of rain per 24 hour period for projects involving **303d streams**.
- c. Rainfall data must be recorded regardless of stream classification.
- d. **Form SPPP30** shall be utilized to keep track of the inspections.