

## 2010 Fact Sheet Help Guide

1. Please Preview or Print the "Coding IDs and Stream Names" to assist you in your selections.
2. All Fact Sheets are CAUSE (parameter) based. There may be several Fact Sheets describing all impairments for a given stream.
3. Narratives for each Fact Sheet describe the entire extent of each Cause based (parameter) Fact Sheet regardless of the selections made.
4. SHORT Versions do not include Assessment Unit (AU) detailed information. Generally producing one to two pages of information per each Cause Group Code Fact Sheet. (Dependent upon selections made.)
5. LONG Versions do include Assessment Unit (AU) detailed information. The long versions can produce any where from 1 to 10 pages per Cause Group Code Fact Sheet. (Dependent upon selections made.)
6. Both versions above require input from you.

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Below are descriptions of the selections available from the RIGHT PANEL and results produced.

### A. All Impaired Waters Fact Sheets

Selecting either the short or long version buttons will produce the complete full versions of Fact Sheets available. These will be extremely long print jobs and consume massive amounts of paper. PLEASE BE SURE THIS IS WHAT YOU WANT.

### B. Select by Basin and Stream Name.

The first choice is by Basin and Stream Name. You will first be required to select the Basin. Please enter the Major Basin Code as shown below:

- 1 = Potomac & Shenandoah
- 2 = James River Basin
- 3 = Rappahannock
- 4 = Roanoke & Yadkin River Basins
- 5 = Chowan & Dismal Swamp
- 6 = Tennessee & Big Sandy
- 7 = Small Coastal Basins & Chesapeake Bay
- 8 = York
- 9 = New River Basin

Next select the stream name of interest. Asterisks \*stream name\* should be used to include words like "River", "Creek", "Run" or "Branch". For example there are many streams named Meadow but have different endings as noted above; so to retrieve all Meadows enter \*Meadow\*.

The stream names available are printed on the right side of the "Coding IDs and Stream Names" Report. Stream names are given to each CAUSE based Fact Sheet.

Based on your "Basin" and "Stream Name" selection all CAUSE based Fact Sheets will be available for you to Preview or Print.

!!! The report produced will SUM all Assessment Units (AUs) composing a given CAUSE GROUP CODE. Thus the entire impairment size. !!!

### C. Select by Cause Group Code.

You are required to enter the Cause Group Code either by the specific Code:

N17R-01-BAC  
or by using asterisks like N17\*.

In some instances using codes like N17\* will retrieve Fact Sheets for all streams or lakes having a code that begins with N17.

Using the asterisk like this: \*BAC.

Will produce all Fact Sheets ending in BAC. In this case all bacteria related Fact Sheets will be returned and would amount to around 100 pages, if the Detailed version is used. BE CAREFULL!!

The results of the report SUMS all AUs Assigned the same Cause Group Code, eg. the total size of each Cause based impairment. Fact Sheets for public requests should be generated from this selection unless specifically requested for another summation.

!!! The report produced will SUM all Assessment Units (AUs) composing a given CAUSE GROUP CODE. Thus the entire Cause (parameter) size. !!!

### D. Select by Impaired Area ID.

You are required to enter the Impaired Area ID either by the specific code:

VAW-N17R-01  
or by using asterisks like \*N17\*.

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The Impaired Area ID gathers all Cause based Fact Sheets associated with the specific ID and ONLY those Assessment Units (AUs) associated with the specific Impaired Area ID.  
!!! Only those AUs associated with an IMPAIRED AREA ID are SUMMED. The entire length of any given Cause (parameter) may not be reported !!!

A quick look at the "Coding and Stream Name Report" will show you those Cause based Fact Sheets associated with an Impaired Area ID. For example Impaired Area ID VAW-L04R-01 has 13 associated Cause based Fact Sheets. The detailed version for VAW-N17-01 will produce 8 pages.

### E. Select by DCR Watershed

You are required to enter the DCR Watershed Code either by the specific code:  
N17R  
or by using asterisks like N17\*.

!!! Only those AUs associated with the specific DCR WATERSHED CODE are SUMMED. The entire length of any given Cause (parameter) may not be reported !!!

### F. Select by County

You are required to enter the City / County Name either by the specific code:  
Montgomery Co (do not place a period after Co)  
or by using asterisks like Mont\*.

Be careful using the asterisk; specifically where City and County Names are the same like Roanoke City and Roanoke Co.

!!! Only those AUs associated with the specific CITY / COUNTY NAME are SUMMED. The entire length of any given Cause (parameter) may not be reported !!!

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Below are descriptions of the selections available from the LEFT PANEL and results produced. No selections are available for these Reports. Entire reports are available for Preview / Print. These reports are long and can go as high as 200 pages or more. Be sure you want a hard copy before you hit the print key.

### A. Tabular Listings by Impaired Category

1. The first button allows you to Preview/Print Category 4 Listings individually by type:

Category 4A - water is impaired or threatened for one or more designated uses but does not require a TMDL because the TMDL for specific pollutant(s) is complete and US EPA approved.

Category 4B - water is impaired or threatened for one or more designated uses but does not require the development of a TMDL because other pollution control requirements (such as VPDES limits under a compliance schedule) are reasonably expected to result in attainment of the Water Quality Standard by the next reporting period or permit cycle.

Category 4C - water is impaired or threatened for one or more designated uses but does not require a TMDL because the impairment is not caused by a pollutant and/or is determined to be caused by natural conditions.

2. The second button allows you to Print/Preview Category 5 Listings. This is the 303(d) List with each individual type requiring a TMDL Study. They are:

Category 5A - a Water Quality Standard is not attained. The water is impaired or threatened for one or more designated uses by a pollutant(s) and requires a TMDL (303d list).

Category 5B - the Water Quality Standard for shellfish use is not attained. One or more pollutants causing impairment require TMDL development.

Category 5C - the Water Quality Standard is not attained due to "suspected" natural conditions. The water is impaired for one or more designated uses by a pollutant(s) and may require a TMDL (303d list). WQ Standards for these waters may be re-evaluated due to the presence of natural conditions.

Category 5D - the Water Quality Standard is not attained where TMDLs for a pollutant(s) have been developed but one or more pollutants are still causing impairment requiring additional TMDL development.

Category 5E - effluent limited facilities are not expected to meet compliance schedules by next permit cycle or reporting period.

Category 5F - the WQ Standard is attained for a pollutant(s) with a TMDL and 303(d) delisting approved but the water remains impaired for additional pollutant(s) requiring TMDL development.

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Category 5M – the WQ Standard is not attained for mercury primarily due to atmospheric deposition.

### B. Category 4s and 5s Fact Sheets

1. The first button allows you to Preview all Category 5 Fact Sheets grouped by CAUSE GROUP CODE and category type as listed above (Item A). Please keep in mind these are waters REQUIRING TMDL DEVELOPMENT.

2. The second button allows you to Preview all Category 4 Fact Sheets grouped by CAUSE GROUP CODE and category type as listed above (Item A). These are only naturally impaired waters where no TMDL is required.

C. Navigation Buttons - Allow you to EXIT Access or Close the form and return to the current database.

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CODING Composition:

CAUSE GROUP CODE is composed of and is assigned to a specific parameter spanning many Assessment Units (AUs):

DCR Watershed+Water Type - Sequential # - Param Abrv  
N17 R - 01 - BAC

Assessment Unit (AU) is composed of and is assigned to each Unit in ADB:  
Sequential # and letter begin at the downstream most AU within the DCR Watershed boundary.

DEQ Region - DCR Watershed+Water Type \_ Str. Code + Seq. #+Letter+ Cycle  
Assessment  
VAW - N17 R - PKC 01A 00

Impaired Area ID is composed of and is assigned to all impaired USES:

DEQ Region - DCR Watershed+Water Type - Sequential #  
VAW - N17 R - 01