

Changes for QW user documentation for NWIS 4.3
January 15, 2004

1. Insert section 2.11.1 with file attached to the email
This file will need some formatting etc.
2. I think the date that chapter 2 was last updated is incorrect. Some changes were included in the June 2003 changes.
3. Section 3.1 – change the item numbers to match the following for this note (PR#12784):

Note : Fields containing an asterisk (*) are not available for entry unless the appropriate medium code is entered. See additional information for items 23, 26, and 27.

4. 3.7.1 Option 1 – Change Database Number
 - a. Change all text in this section to the following and add the link to chapter 11 in the GW DBA manual:

The details of this option are described in detail in the [GWSI Database Administrator's Manual – Chapter 11](#)

5. Appendix A – Table 4
 - a. Add the following hydrologic event code (PR#10696):

F Drainage basin for sample was affected by fire prior to sampling.

6. Appendix B – The following are new codes that should be added

- a. P00027
 - i. 85360 - Washington State University, Dept.of Geology
- b. P00028
 - i. 82043 Johnson County Environmental Laboratory, Lenexa, Kansas
 - ii. 83914 District Microbiological Laboratory, Columbus, Ohio
 - iii. 80618 District Water-Quality Lab, San Diego, California
 - iv. 84820 Severn-Trent Laboratory - Austin: Austin, TX
 - v. 81720 Severn-Trent Laboratory - Chicago: Chicago, IL
 - vi. 80630 Severn-Trent Laboratory - Los Angeles: Santa Ana, CA
 - vii. 84220 Severn-Trent Laboratory - Pittsburgh: Pittsburgh, PA
 - viii. 80620 Severn-Trent Laboratory - Sacramento: West Sacramento, CA
 - ix. 85020 Severn-Trent Laboratory - Burlington: Colchester, VT
 - x. 83920 Severn-Trent Laboratory - North Canton: North Canton, OH
 - xi. 81320 Severn-Trent Laboratory - Savannah: Savannah, GA
 - xii. 82520 Severn-Trent Laboratory - On-Site Technology: Westfield, MA
- c. P82398:

- i. 900.00 Suspended Sediment; Pumping - stream sample using a pumping mechanism
- ii. 910.00 Suspended Sediment; Single-stage, nozzle at fixed stage, passively filling
- iii. 920.00 Suspended Sediment; Box single vertical, depth-int, attached to structure
- iv. 930.00 Suspended Sediment; Partial Depth, depth integrated, part of single vertical
- v. 940.00 Suspended Sediment; Partial Width - dep/width integrated, part of x-section

d. P84164

- i. 3056 -- US D-96-A1 Bag Sampler

7. Appendices H & I- All parameter names in these appendices need to be updated to match the current entries in the parameter-code dictionary.

8. Appendix D

- a. All parameter names in this appendix need to be updated to match the current entries in the parameter-code dictionary.
- b. Add the following to this appendix:

Calculated parameter	Parameters preferred for calculation	Additional parameters			Result from special cases for parameters used in calculation		
		Parameters used in calculation, if available	Missing parameters	Replacement parameters used in calculation, if available	Missing values	Remark codes	Negative result
49954 Biomass, periphyton, ash free dry mass, grams per square meter	00573 – Biomass, periphyton, dry weight, grams per square meter 00572 - Biomass, periphyton, ash weight, grams per square meter	---	---	---	missing	missing	missing