

MEMORANDUMS RELATED TO SEDIMENT AND SEDIMENT TRANSPORT ISSUED  
BY THE WATER RESOURCES DIVISION, OFFICE OF WATER QUALITY AND OFFICE  
OF SURFACE WATER BETWEEN 1971 AND 1991

FIELD METHODS AND INSTRUMENTATION

Memorandum number	Title
WD.71.73	Field and laboratory methods - sediment
QW.72.04	Instructions for use of sediment samples for the collection of samples to be analyzed
QW.73.11	Falling-stream turbidimeter as a means of Measuring Sediment Concentration in Stream
QW.76.07	Instrumentation--New suspended sediment - water quality samplers
QW.76.17	Sampling mixtures of water and suspended sediment in streams (Has essentially been superceeded by Edwards and Glysson (1986)
QW.76.24.T	Sample splitter for water- sediment samples
WD.76.156	Instrumentation -- Suspended- sediment sampler, D-74
QW.77.01	Sample splitter for water- sediment sampling
QW.77.03	DH-75 Suspended-Sediment Sampler
WD.77.151	Removal of sediment samplers from controlled property
QW.78.03	Churn Splitters
QW.80.03	Samplers--P-61 and P-63 Point- Integrating samplers
QW.80.06	Samplers: color-coded nozzles for sediment samplers
QW.80.12	Transmittal of "Summary of WRD memorandums relating to Water-Quality practices and policies
QW.80.17	New sample splitter for water-quality samples

QW.80.18	Samplers- -Problems with installation of plastic nozzles on samplers
QW.81.02	Operation and availability D-77 Water-Quality Sampler
QW.81.06	Automatic pumping samplers-- Tests of efficiency of Manning and ISCO samplers
WD.82.105	Collection and analysis of water- quality data for Federal Energy Regulatory Commission projects
QW.83.08	Bag-type suspended-sediment sampler
WD.83.79	Collection and Analysis of Samples in Connection with Investigations of Hydrologic Effects of Hazardous Waste Sites
SW.87.07	Transmits and discusses the report "Pilot study for collection of bridge-scour data," by R.D. Jarrett and J.M. Boyle.
SW.88.17	Transmits and discusses the report "Field methods for measurement of fluvial sediments" (open-file report 86-531).
SW.89.10	Announces the availability of the report "Use of surface- geophysical methods to assess riverbed scour at bridge piers" by S.R.Gorin and F.P.Haeni.
W.90.08	Policy and Guidelines for the collection and publication of bedload data.

#### LABORATORY METHODS

Memorandum number	Title
QW.71.05	Sampling and analysis of water-quality constituents with suspended solids
QW.71.09	Guidelines for sampling and analysis of water-quality constituents associated with solids
WD.71.73	Field and laboratory methods - sediment
QW.72.08	Sediment--Particle size analysis of suspended sediment in native water
QW.81.14	Sediment laboratory form 9-265i revision

QW.82.03	National Water Quality Networks; F.Y. 1982
QW.80.12	Transmittal of "Summary of WRD memorandums relating to Water-Quality practices and policies
WD.82.28	Acceptability and use of Water- Quality Analytical Methods
SW.91.11	Certification Training for Sediment Laboratories

#### OFFICE PROCEEDURES

Memorandum number	Title
QW.72.010	Sediment Computations- - Conversion of suspended- sediment concentration from parts per million to milligrams per liter
QW.72.13	TWRI: Book 3, Chapter C3, Computation of Fluvial- Sediment Discharge, by George Porterfield
QW.77.08	Open-File Report, "Relationship of sediment discharge to streamflow," by B. R. Colby
QW79.19	New WATSTORE parameter codes
QW80.12	Transmittal of "Summary of WRD memorandums relating to Water-Quality practices and policies
WD.84.123	Analyses Performed in District Service Units

#### TRANSMITTAL OF REPORTS AND ANNOUNCEMENT OF MEETINGS RELATED TO SEDIMENT

Memorandum number	Title
QW.73.10	Sediment Yields of Wisconsin Streams, by S. H. Hindall
QW.75.01	Conference- -Third Inter-Agency Sedimentation Conference, March 22-26, 1976, Denver
QW.76.01	Sediment sources and deposition sites and erosional and depositional provinces, Martin and Sonoma Counties, California, by W. M. Brown, III and L. E. Jackson, Jr.

WD.77.13 Reservoir Sedimentation-data summary-1970 through 1975 calendar years

WD.77.39 Reports -- Notes on Sedimentation Activities, Water Resource Council

WD.78.62 Reports -- Notes on Sedimentation Activities, Water Resource Council

QW.80.12 Transmittal of "Summary of WRD memorandums relating to Water-Quality practices and policies

QW.81.13 Report- -A guide for Predicting Sheet and Rill Erosion on Forest Land, USDA Technical Publications SA-TP 11, September 1980

QW.81.16 Report- -A guide for Predicting Sheet and Rill Erosion on Forest Land, USDA Technical Publications SA-TP 11, September 1980--Supplements 81.13

QW.83.04 Advanced Seminar on Sedimentation

SW.87.02 Transmits the report "Notes on sedimentation activities, calendar year 1985".

SW.87.07 Transmits and discusses the report "Pilot study for collection of bridge-scour data.

SW.88.01 Transmits and discusses the "Notes on sedimentation activities, calendar year 1986".

SW.88.16 Transmits and discusses the first announcement of the Fifth Federal Interagency Sedimentation Conference.

SW.88.17 Transmits and discusses the report "Field methods for measurement of fluvial sediments" (open-file report 86-531). Solicits comments concerning proposed WRD policy on bedload sampler procedures.

SW.89.05 Transmits and discusses the report "Notes on sedimentation activities, calendar years 1987 and 1988". (Memo not presently in system. Contents are similar to previous memos on this subject.)

SW.89.10 Announces the availability of the report "Use of surface- geophysical methods to assess riverbed scour at bridge piers" by S.R. Gorin and F.P.Haeni.

- SW.90.05                    Announces the availability of the transport modeling system, DAFLOW, and the publication of the users manual, WRIR 89-4133, by Harvey E. Jobson.
- SW.90.07                    Transmits a report, "Twelve Selected Computer Stream Sedimentation Models Developed in the United States", edited by Dr. Shou-shan Fan.
- SW.91.02                    Announces that availability of a comprehensive list of reports related to sediment and geomorphology written by U.S. Geological Survey employees.

#### SEDIMENT MODELING

- | Memorandum<br>number | Title  |
|----------------------|--|
| SW.90.05             | Announces the availability of the transport modeling system, DAFLOW, and the publication of the users manual, WRIR 89-4133, by Harvey E. Jobson. |
| SW.90.07             | Transmits a report, "Twelve Selected Computer Stream Sedimentation Models Developed in the United States", edited by Dr. Shou-shan Fan.          |

#### MEMORANDUMS THAT ARE NO LONGER RELEVANT

- | Memorandum<br>number | Title  |
|----------------------|--|
| QW.73.07             | Teflon sediment sample splitters and plastic sieves  |
| QW.77.09             | Automatic pumping samplers--ISCO   |
| WD.77.115            | New procedure to print 2-column Sediment Tables  |
| QW.79.03             | Price list of sediment-sampling equipment and supplies for FY 1979   |
| WD.79.39             | Equipment for sediment investigation   |
| WD.80.04             | Sediment-sampling equipment price list for FY 1980   |
| QW.80.16             | Quality-assurance program for sediment laboratories  |
| SW.90.06             | Asks districts and project offices to update the publication, Notes on Sedimentation Activities, Calendar Year 1988", in preparation for the 1989 publication. |

SW.90.19 Requests updates of activities reported in “Notes on Sedimentation Activities, Calendar Year 1989” for publication in the 1990 version.

#### MEMORANDUMS THAT HAVE BEEN SUPERCEDED

Memorandum number	Title
QW.74.11	Data networks, National stream quality accounting network
QW.76.04	Bedload Samplers (Superceded by SW.90.08)
QW.77.07	Bedload Samplers--Guidelines for Application of the Helley-Smith Bedload Sampler (Superceded by SW.90.08)
WD.78.01	Quality-assurance procedures for water-quality analytical work performed by State, local or private contract laboratories (Superceded by information in Open-File Report 91-222)
WD.79.15	Quality-assurance program for direct- service and contractor laboratories (Superceded by information in Open-File Report 91-222)
WD.74.62	Significan Figures for reporting water-quality data (Superceded by information in “Preparation of water-quality data reports”, 1976)
QW.79.17	Bedload samplers; Use of Helley-Smith Sampler (Superceded by SW . 90 08)
QW.80.07	Bedload samplers; Use of Helley- Smith Sampler (Addendum to QW Branch Technical Memorandum No. 79.17 (Superceded by SW.90.08)
WD.81.79	Quality-Assurance Procedures for Water-Quality Analytical Work Performed by State, Local, and Private Contract Laboratories (Superceded by information in Open-File Report 91-222)