



Office of Water Quality Water-Quality Information Note 2009.08

Subject: Field Methods— Release of Personal Computer Field Forms (PCFF) 6.1d update

The purpose of this Note is to announce the release of version 6.1d (**03/30/2009**) of the Personal Computer Field Forms (PCFF) software. This is an update to PCFF version 6.1.

The PCFF 6.1d update and the PCFF 6.1 software, as well as a new “Quick Start Guide” are available at <http://water.usgs.gov/usgs/owq/pcff.html>. This update includes the following fixes and enhancements:

PCFF version: 6.1d (03/30/2009)

NOTE: PCFF 6.1d contains a large update to the look up list database. This update can take several minutes to apply. Please do not interrupt the update process.

KNOWN ISSUES:

- Help file will sometimes fail to launch if called from within PCFF. When clicking the help button located on a form, a message indicating that the help file cannot be found is sometimes displayed. The only known fix is to close PCFF and reopen it - the help file should launch normally when pressing the help buttons.
- Lot Number items that don't have an expiration date filled in will not be listed in the favorites list view. A work around is to include an expiration date, even if the item doesn't have an expiration date.

CHANGES SINCE THE 6.1C (2/1/2008) RELEASE:

- Converted the 1-character medium codes to the new 3-character medium codes found in NWIS 4.8.
- Fixed a bug in the microbiology section that prevented colony counts from being generated if all the entries in the volumes column were the same.
- Fixed a bug that prevented the turbidity section from cloning properly (Both SWQW and GWQW).
- Fixed a bug that prevented some of the Turbidity Meter information from printing out on the field note sheet (Both SWQW and GWQW).
- Added parameter codes for "Sample Depth" in the SWQW section.
- Added the ability to document and process groundwater level data within PCFF. This includes:
 - a. The ability to code water levels and document activities related to groundwater level data collection
 - b. The ability to create GWSI batch files for uploading water level data into GWSI
 - c. The ability to include a groundwater level in a QW sample record.
- Made a change to allow lot numbers for bases to be stored in the PCFF lot number database. A field was added to the lot numbers section (both SWQW and GWQW) to allow entry of lot number for NaOH 5-Normal. Four spaces were added to the field for undefined lot numbers.
- Changed the "Print All" routine in the water-quality section to make it easier for the user to understand

what is being printed out.

- Changed the QW batch output routine to allow users to individually select either cross section or well purge data for entry rather than forcing both as either selected or not selected.
- The following NWIS Quarterly Reference list updates were added to PCFF:

ADDED FIXED-VALUE CODES

82398 - Sampling Method

Code	Description

8050	Grab Sample at Tap(s) on a Dam
140	Passive diffusion, organic-free deionized water

84164 - Sampler Type

Code	Description

3090	Passive diffusion sampler
6000	Bed Material -- Scoop Shovel
6010	Bed Material -- Scoop TM (Epoxy coated metal sampler)
6020	Bed Material -- Scoop Teflon
6030	Bed Material -- Pipe Dredge
6040	Bed Material -- Dredge-Cooper Scooper
6050	Bed Material -- Ponar Grab
6060	Bed Material -- Ekman Grab
6070	Bed Material -- Box Core Grab
6080	Bed Material -- Peterson Grab
6090	Bed Material -- Van Veen Grab

71999 - Sample Purpose

Code	Description

25	NMN - National Monitoring Network

CHANGED FIXED VALUE CODES:

99101 - Source of blank solution code

Code	Description

30	Standard Reference Water Sample (USGS) -> Standard Reference Water Sample (USGS)

ADDED ANALYZING/COLLECTION AGENCY CODES:

Code	Description

CA-LACPW	Los Angeles Cty Dept of Public Works, Los Angeles, CA
CA-STPUD	South Tahoe Public Utility District, South Lake Tahoe, CA
CO-DWR	Colorado Division of Water Resources
GA-ATLUL	City of Atlanta - Utoy Creek Laboratory
NY-H2MML	H2M Labs, Inc., Melville, New York
NY-MBWL	Microbac Lab New York, Waverly, New York
NY-SPBL	St. Peter's Bender Laboratory, Env. Lab, Albany, NY
NY-UPSTL	Upstate Laboratories, Inc., Syracuse, NY
OR-CCAL	Cooperative Chemical Analytical Laboratory, Corvallis, OR
USGSSDRL	USGS Sediment Radioisotope Lab, Menlo Park, CA
USGSVAWC	USGS-Virginia Water Science Center
CA-TRSDL	Truesdail Laboratories, Tustin, CA
ILMWRDGC	Metropolitan Water Reclamation District of Greater Chicago
OR-CWS	Clean Water Services, Hillsboro, OR
OR-SRWQL	Sprague River Water Quality Laboratory, Chiloquin, OR

USGSNVWC USGS Nevada Water Science Center
WA-UWMCL University of Washington-Marine Chemistry Lab, Seattle, WA
CO-ACZL ACZ Laboratories, Steamboat Springs, CO

TRAINING:

Training will be conducted using cyber seminars during May 2009. Training dates and registration instructions can be found at <http://water.usgs.gov/usgs/owq/training.html>. The training will include tips for getting started in PCFF and a summary of changes in the PCFF software will be described. A demo of the new software functions, along with a question and answer period will be included in the demo. Training will take about 2 hours and is highly recommended for new and current PCFF users.

Questions about the software and this update should be referred to Frank Crenshaw (fccrensh@usgs.gov).

Signed,

The Office of Water Quality
05/04/2009

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