



August 7, 2007

## **Office of Water Quality Water-Quality Information Note 2007.13**

### **Subject: Field Methods— Release of Personal Computer Field Forms (PCFF) 6.0a update**

The purpose of this Note is to announce the release of version 6.0a (07/20/2007) of the Personal Computer Field Forms (PCFF) software. This is an update to PCFF version 6.0.

This update includes the following fixes and enhancements:

- Fixed a bug that prevented the site number from being searched from the site picker form when the form was first opened.
- Fixed a bug that would not allow sites that had been added on the fly to be selected into the active Surface-Water Water-Quality (SW QW) or Ground-Water Water-Quality (GW QW) measurement.
- Fixed a bug that caused the bacteria form to launch when double clicking on the method field for pH in the GW QW section.
- Fixed a bug in the printout that was preventing the sample medium code from printing out on the GW QW form.
- Fixed a bug that was not allowing the 99105 code to be deleted once it had been entered into a sample (Both GW QW and SW QW).
- Fixed a bug that prevented the Ground-Water water-level parameters from being put out into the batch output.
- Fixed a bug that was causing calibration comments to be truncated to 255 characters if comments were reopened after initial entry.
- Fixed a bug that caused the alkalinity titration to be lost if the "X" button on the alkalinity form was used to close the form.
- Added a method code field for the GW QW Water Levels (required by NWIS 04/07 Coding update).
- Added a method code field for the GW QW Oxygen Reduction Potential (required by NWIS 04/07 Coding update).
- Added a method code field for the GW QW Water Levels (required by NWIS 04/07 Coding update).
- Added a method code for Barometric Pressure to the dissolved oxygen (DO) section (both SW QW and GW QW; required by NWIS 04/07 coding update).
- Added parameter code, method code, and field value for barometric pressure for the SW QW section (will allow for DO saturation to be calculated for Cross Section/Lake Profile measurements).
- Added a method code field for SW QW Gage Height (required by NWIS 04/07 coding update).
- Added a method code field for SW QW Discharge (required by NWIS 04/07 coding update).
- Made the site number field accept only digits.
- Made the project account fields accept only characters and numbers (no other characters allowed).
- Changed the layout of the Incremental Equivalence titration form to make it easier for the user to understand.
- Changed the End Date/End Time fields to be yellow.

- Set Parameter and Method Code fields to be a light blue color to set them apart from field values.
- Added a Lab Code field to the ASR printout to indicate to the NWQL that the ASR was generated by PCFF.
- Added a check in the ASR printout to ensure that the District User Code has been populated. If there isn't a code, the program will warn the user that a User Code should be entered before sending the ASR to the NWQL.
- Added "CENTROID" as an option for the measurement location option in DO, Water Temperature, pH, Specific Conductance, and Turbidity forms.
- Changed the layout of the GW QW and SW QW Field Note Sheet printouts to make well purges/cross sections print on their own page. This provides space for recording more well purges/cross-section measurements.
- In the titrations table form of the Incremental Equivalence (IE) titration for alkalinity, added the ability to delete a field by pressing the delete key.

**The PCFF 6.0a update and the PCFF 6.0 software and can be obtained from <http://water.usgs.gov/usgs/owq/pcff.html>.**

Instructions for installing the PCFF 6.0a update are attached and are available on the PCFF website.

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

*If this Note was forwarded to you and you'd like to have your name placed on the WaQI Notes distribution, please send email to [nlsnow@usgs.gov](mailto:nlsnow@usgs.gov).*

*WaQI Notes are archived on the Office of Water Quality web site, <http://water.usgs.gov/usgs/owq/WaQI/index.html>*