Topic: SedLOGIN and SLEDS

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Background:

The SedLOGIN software was released in February, 2010. It allows field personnel to enter sediment sample information and field data into an electronic database. From there, sample data are transferred to the sediment laboratory’s SLEDS database, and sample data with field parameters are also transferred into QWDX (the water-quality transfer system), from which sediment samples are automatically transferred into QWDATA.

From the inception of SedLOGIN, it has been essential that SedLOGIN and SLEDS function closely together. One known "dis-connect" is that SedLOGIN allows samples in one "sampling event" which have different sampling methods, but SLEDS will "see" only one of those sampling methods, and apply that method to all the samples in the event. For example: Set A is a 5-bottle EDI cross section, set B is a 5-bottle EWI cross section (for compositing), and a grab sample was also collected. These are all in the same sampling event, since their results are to be compared to each other. SedLOGIN can handle the different sampling methods (EDI, EWI, grab), but SLEDS sees only ONE method.

Issues to Discuss:

GNATS system for problem reports. Both SLEDS and SedLOGIN have their own category in the NWIS GNATS system. Ken will give a brief introduction to GNATS, and a summary of current Problem Reports for SLEDS and SedLOGIN.

Is the current system of software testing satisfactory? Do we need a more formal testing environment for SLEDS? Do we need more SedLab personnel involved with SedLOGIN testing?