

## DMAS Minutes April, 2008

### In Attendance:

Kevin Mishoe, Mactec  
Chul-Un Ro, Environment Canada  
Gerard van der Jagt, Frontier Geosciences  
Bob Larson, Illinois State Water Survey  
Mark Rhodes  
Eric Presbo, Tekran  
Raymond Knighton, USDA  
Tom Bergerhouse, Illinois State Water Survey

1. Motion to accept the minutes from the Fall 2008 meeting.  
Motion Passed
2. Mercury Outlier Flagging

MDN Sample dry or trace precipitation events: When there is no precipitation, should the sample be analyzed? Concentration and deposition are currently sequestered because there is no precipitation. Trace precipitation is assumed to have the concentration of the precipitation weighted mean for the year. Flagging would invalidate the sample, but would not show up in default data retrieval.

This is a follow up from the Fall 2007 meeting. Bob Larson reports that he has done nothing new on the subject. Bob suggests that this is an issue for Mark Rhodes to consider due to similarities with the CAL site history issue he presented on in the joint meeting.

Motion: Mark Rhodes will evaluate the high concentration mercury samples as a function of volume and report back to DMAS.  
Motion Passed

3. MDL Minimum Reporting limit.

This issue has been referred to DMAS from QAAG.

Concerns regarding reporting to the correct significant figures have already been addressed.

DMAS recommends meeting option 3 (report MDL with a < Qualifier) from the QAAG report and not using MRLs. Make analytical results below MDL available as an advanced query option.

4. New method to calculate Monthly summaries from weekly summary.-From Cho-Un Ro's proposal at the Fall 2008 meeting.

Bob Larson states that the program office has satisfied WMO precipitation groups data requirement for their data needs, but have no intention at this point of providing it as a new data project.

5. Data management challenges of electronic raingages.

There are details to be worked in handling trace and undefined precipitation.

Bob Larson, Tom Bergerhouse, Gerard van der Jagt and Jane Rothert will meet to work out Electronic Raingage Trace issues

6. New Data Products

Motion: Bob Larson will report back by the Spring meeting a plan for advanced focused data products.

Motion Passed

7. Time Changes Reviewer discretion

The CAL request a ruling on discretion on edits to sampling period to resolve small overlaps when clarifying information is unavailable.

Motion: Edits to sampling period of less than an hour may be made at reviewer discretion.

Motion Passed