

FACILITATOR EVALUATION FORM

Training: T38-02 Measurement Uncertainty (Microbiology & Toxicology)

Location: Sandman Hotel, Calgary, AB

Date: Wednesday, September 18, 2002

Facilitator(s): Dr. William J. Mills III

Item	Met Participant Needs?				
	1 No	2	3 OK	4	5 Yes
Course Objectives:	<i>√ as appropriate below</i>				
Were you given the opportunity to help define them?	1	2	4	2	1
Were they well defined?	0	1	6	1	2
Were they achieved?	0	3	5	1	1
Course Content:					
Was the material appropriate?	0	2	4	3	1
Complexity (1=too complex or too simple ← → Perfect=5)	1	4	3	1	1
Was the material clear to you?	0	3	5	1	1
Volume (1=too much or not enough ← → Perfect=5)	2	3	2	2	1
Did the handouts fit with this training - did they help?	0	1	1	5	3
Facilitator Methods					
Did the facilitator allow sufficient discussion?	0	1	0	4	5
Did the facilitator encourage participation?	0	0	0	5	5
Did the facilitator help bring out new group ideas?	0	0	0	5	5
Did the facilitator help close out discussions?	1	1	2	3	3
Would you accept this facilitator again?	0	0	3	3	4

Other Comments/Concern	Remedial Action
<p>The facilitator is extremely well versed in the area of Uncertainty, but for many the concepts are new. It is therefore difficult to absorb concepts given the pace of the course. A two-day workshop has been suggested; a) statistical analysis methods, b) application to microbiology measurement uncertainty determinations; along with a separate stats course. A basic stats text prepared by CAEAL to be read prior to attending uncertainty courses has also been suggested</p>	<p>In the future, participants will be warned to send only persons with a basic understanding of the use of statistics in laboratory QC/QA applications.</p> <p>Members have already indicated that they do not wish to pay for a two-day version of this course.</p>
<p>Too many off topic discussions. This course raised many valid problems in microbiology uncertainty of measurement but failed to address them (solve them) sufficiently. Too much overlap on basic statistics with regards to previous analytical uncertainty.</p>	<p>See previous comment. A basic understanding of the use of statistics in laboratory QC/QA applications is required so that basic statistics does not take up course time.</p>
<p>It might be helpful to split micro and tox since their MU is derived in a similar fashion. More calculations would be helpful, especially for toxicology.</p>	<p>Microbiology and Toxicology will be treated on different courses in the future.</p>

- Excellent real life/lab application and discussion.