

**ENVIRONMENTAL LABORATORY ADVISORY COMMITTEE**

**March 13, 2014**

**MINUTES**

**Members Present**

Matthew Rexing  
Evelyn Dawson  
Michael Dew  
Rick Amalfi  
Brian Sitko  
Laura McCasland  
Elizabeth Baker  
Mary Tyer

**Members Absent**

Randy Gottler  
Kurt Novy  
Cynthia Garcia  
Nancy Turner  
Garry N. Brussels  
Barbara Escobar  
Elizabeth Proffitt  
Jim Williams  
Trina Spangle

**Guests Present**

Brittaney Dempster  
Kerri Keller  
Robert Vertefeuille  
\*Terri Garcia  
\*Dawn Weyer  
Jason Bobko  
Jennifer Calles  
Gail Adams  
\*Mike McGovern  
Emily Vanaskey  
\*Nancy Powell  
Gary Shipley  
Jenny Cahoon  
Rochelle Ferguson  
Tara Ford  
Christina Hoppes  
Joseph Doranski  
Susan Kinkade  
Yu-Chu-Hsu  
Kim Caggiano

**SLS Staff**

Prabha Acharya  
Steve Baker  
Isaac Robert  
Frank Martinez

**ADEQ Staff**

Marnie Greenbie

\* by phone

**CALL TO ORDER**

**WELCOME/INTRODUCTION**

Matt Rexing called the meeting to order at 10.00 AM. Everyone introduced themselves. There was no quorum present.

Steve Baker welcomed everyone and thanked them for coming.

**APPROVAL OF MINUTES**

There were 2 corrections in ALA Update and it was not approved because of lacking quorum.

**ADEQ UPDATE**

**Tributyltine, Permethrin, and Mirex:**

Marnie Greenbie gave an update: ADEQ has included these compounds in WWTP permits because they have the Surface Water Quality Standards assigned to them; they are not very toxic to the environment; currently ADHS does not certify the methods and she wasn't even sure if methods exist for them; ADEQ has been wrestling with this issue for the last 5 years, so finally they have decided to include a footnote in the permits- if there are no certifiable methods exist, then there is no need to test them.

Steve responded that if ADEQ or EPA supports any new methods, additional analytes or modifications, then ADHS will director approve them.

Prabha Acharya: One of the licensed labs communicated that they are set up to test for them by a drinking water method, is it acceptable? She was pretty sure that there are methods for them but the labs wouldn't want to set it up if there isn't much demand for them.

Marnie: Even if there are any limit exceedences ADEQ could not take any action if an approved method was not used, so what is the point in running if no action can be taken.

**ITEMS FOR DISCUSSION:**

**EPA 1664 Subcommittee Report:**

Frank Martinez and Prabha gave an update: the subcommittee met twice and the minutes from the meetings were given out as handouts. 3 samples are taken if MS and MSD were to be run; for smaller volume samples, if the associated blank has more than the MRL, then the blank value gets subtracted from the sample value; 1664B has an option of either filtering through sodium sulfate or using the solvent separation paper; holding time ends at midnight of the 28<sup>th</sup> day (the handout included an email from Lem Walker, EPA, confirming that); ADHS requires qualifying the report only if there are any QC outliers and the ADEQ qualifiers can be used; pH can be verified with a stirring rod and the rod can be rinsed into the sample with hexane (Horizon system); the method requires that an additional sample be taken to determine the amount of acid required for each sample to bring the

pH below 2 and that amount is added to the actual sample; as a committee it was decided it was too much of a burden on the sampler and no one will follow through.

**ALA UPDATE:**

There was nothing to report.

**MALA Update:**

There was nothing to report.

**SUBCOMMITTEE REPORTS:**

**Rules:**

**Chlorite Licensure:**

Steve gave an update: Chlorite group met after the last ELAC meeting to discuss if chlorite testing needed to be licensed or not for the field testing; Statutes doesn't give an exemption; DEQ rules just specify who and where the samples should be taken and if the testing is done by a licensed lab; and the methods to be used is left up to ADHS; in the next environmental rules this method would be made exempt, but it will at least take a year or so to get started on the rule making; the exempt methods in the statutes refer to on-line meters/instrument testing only which is done immediately and does not include the sampling or the testing done by personnel outside of the laboratory; the new rules will include the following 3 items: define the immediately as the testing that must be completed within 15 minutes of sampling, the method used must be approved by either ADHS or ADEQ; and the periodic review done by either ADHS or ADEQ. The operator who does the field testing need not be certified; the licensing will not be required for both chlorite/chlorine dioxide testing for now. There was some discussion on chlorine dioxide field testing.

There were some discussions on on-line application and the new QAQC requirements per the new MUR.

**Training:**

Matt Rexing gave an update: the free seminar on low level perchlorate analysis by IC/MS is scheduled for 3/17/2014 in this same location; being offered by a vendor (Metro ohm) in Phoenix; it is one of the parameters of UCMR3.

Field sampling workshop may be held around October/November of this year based on finding the speakers from ADEQ; Barbara Escobar would like it to be held at their facility at Tucson.

**DMRQA:**

Marnie Greenbie gave an update: the packets were mailed out by EPA at the end of February for the Majors; if they haven't received them to let her know; ADEQ is responsible for mailing the packets to Minors, which will be done in a month's time; ADEQ is trying to get a waiver from EPA for Majors to do only the field testing parameters (pH and residual chlorine) since Arizona has a strong licensure program. It was learnt during the meeting that EPA had mailed the packages late on the 11<sup>th</sup> and they were going to extend the deadline. Marnie

ELAC Minutes  
March 13, 2014

said that she would still receive the studies but the responsibility of tracking the PT studies would be shifted to the compliance unit.

**SET NEXT MEETING DATE & ADJOURNMENT:**

The possible meeting dates for the next meeting were June 05<sup>th</sup>, 12<sup>th</sup>, or 26<sup>th</sup> of 2014 and once the date was finalized it would be emailed to everyone.

**NEW BUSINESS:**

None