

November 20, 2009 LPC Meeting

Attending Members: Sandy Buchner, Angella Breitenbeck, Dave Johnson, Amy Vail, Anita Friend, Bob Avery, Carnell Walker

2010 Seminar Planning:

1. LPC seminar date is June 15, 2010 at Eagle Eye Banquet Facility
2. Angella will contact Perry and let him know the final date. Perry confirmed his attendance 11/29/09.
3. Perry will sell his book "A Bugs Eye View of the BOD Test" at the seminar. Advance book sales are cheaper. We may want to put this information on the registration form and collect fee upfront – Jerry Harte thinks that it may be too difficult to do this, but can put book sale information and price into bio section on registration form.
4. Amy will ask at the AWWA LPC meeting for additional seminar topic suggestions.
5. Electronically stored information may be a good topic to address at the seminar – information has to be stored and retrievable for litigation until the end of litigation proceedings – there are no guidelines yet – DNRE may write their own policies – possibly presented by Bob Avery.
6. Angella will confirm with Peter Meier about speaking at seminar
7. Bob Avery will check to see if he can find a presenter for the seminar topic "AVCN analysis".
8. Angella will update the seminar agenda and e-mail to members.
9. Rick Ridiski may be able to do a presentation on MDLs – DJ will contact him, however we will need to define the topic more – Angella will ask John Spurr for ideas on the topic
10. Angella will look into ISO 17025 to see if we can find guidelines on how to write SOPs – also there is a NELAC guide written by Jerry Parr concerning SOP writing guidelines. We need to define guidelines. There may be sources that sell documentation to help write SOPs available. If there are we may be able to get a vendor speak at seminar.
11. The committee needs to start thinking about possible vendors (Hardy Diagnostics, Qorpak). We will discuss this more at the next meeting.

LPC Workshop:

1. Sandy talked to Jeremy at HACH about seminar.
2. HACH is looking into changing their format from an 8 hour to a 6 hour course. A 6 hour course would be better for us so that we can add in additional information about the methods and QA/QC.
3. We can go with a HACH premade course or we could do customized training courses. Customized courses may be more advantageous for us to market.
4. HACH offers 2 free seats per day for the host site.
5. Sandy has been in contact with GRCC, GRCC is interested in putting together a course for their students to teach them about testing procedures used in wastewater treatment processes. This makes GRCC a great place to try and hold the training session.
6. As a committee, we need to determine what we want to cover in training session before talking to HACH as a group.
7. Sandy sat in on HACH training in GR – did not cover any basic lab techniques, method info, or QA/QC. This is the type of supplemental information we would like to include in customized training sessions.
8. Angella will contact Jerry Harte and see if the MWEA would want to partner (there will be a fee that we pay to HACH using this option, and the MWEA would do the bulk of the advertising, find

the venue to hold the class, charge attendees what fee we feel is appropriate, take care of the registration for attendees, and prepare certificates to attendees after the class is completed) or just have HACH sponsor the training session in a way that we customize. If HACH sponsors the session, the fee is fixed at \$85/day/person and HACH is responsible for the bulk of advertising to the area, finding the site to hold the sessions, registration for the class, and will provide certificates to the attendees.

9. Previously, Jerry Harte had said that MWEA would take care of advertising, etc. so the MWEA may want to partner with HACH.
10. Sandy will talk to Jeremy and let him know what tests we are looking at (NH₃, alkalinity, pH, chloride, phosphorous, HACH to supplement) and see when he could meet with our group.

General Discussion:

1. DEQ no longer does WET testing as of October 1, 2009.
2. Bismuth Nitrate added after lead or cadmium carbonate – has effect on AVCN analysis – Bob Avery
3. Grand River 2010 Expedition – canoe trip 13 days – collect samples, do analysis, scientists and educators – still in planning stages – Start in Jackson and finish at lake Michigan – this was originally done in 2000 and now the health of the river over the 10 year period is going to be monitored
4. Simple CN distillation apparatus (Env. Express) – similar to Lachat Microdist – DJ got one in Muskegon and got the 90-110% recovery on standards – they had on older unit but were not able to get acceptable % recoveries – ask for Teflon fitted traps so you can count the flow rate properly – same cost as the poly frit (bubbles hard to count)
5. GR WWTP got a sytrea discreet analyzer – will give update as to functionality at next meeting

Upcoming Meetings:

1. December 18, 2009 Charles Peterson Host
2. January 15, 2010 Carnell Walker
3. Feb. 19, 2010 MWEA office contact
4. Mar. 19, 2010 Bob Avery Host
5. April 16, 2010 Sandy Buchner Host Grand Rapids