



Environmental Laboratory Advisory Committee (ELAC) Final Meeting Minutes: September 11, 2008

Editorial Note: Information communicated in these minutes is not to be used as official New Jersey Department of Environmental Protection policy or as an official Department notification. Contact NJDEP officials directly for official information regarding matters communicated in these minutes.

Administrative Business

The meeting was called to order at 2:37 p.m. The July 10, 2008 minutes were approved as read.

Subcommittee Reports

Laboratory Certification Program: Rachel Ellis (NJDEP/OQA) reported the new SW-846 letter designations at sometime will be program specific. Carl Armbruster (Test America) said NC will have the letter designations but currently programs are accepting either method. He added NY and FL are sticking with the old letter designations. It is unknown what PA will offer, probably what NJ does.

Harvey Klein (GSL) relayed an incident concerning a NJDEP audit and use of the BOD method from 18th edition versus 20th edition. Which method to use was questioned, as DEP policy requires certification in the latest method yet 40 CFR lists several SM editions. He asked if the printed ACPL would list which edition of SM since this might affect the low level BOD. He added the SM online is very similar to 21st edition. Harvey added hold times would also be affected, for example SM lists it as 24 hours but NJAC 7:18 lists the hold time as 48 hours. It was stated 7:18 supersedes SM, which is not regulations. There was no conclusion in this matter.

PT Program: Rachel Ellis (NJDEP/OQA) reported there were no updates. The Solid/Hazardous Waste samples will be out in October. The *Intent to Suspend* letters for the June failures will be going out soon. Mark Feitelson (PSA) asked if there would be a separate certification for each of the TCLP metals and will the certification be added to the ACPL. He also asked what was the difference between 200.7 and the TCLP extract method (SW-846 3010) and could they be run the same. Rachel Ellis (NJDEP/OQA) replied the WP method could not be used for the extract. Divyajit Mehta (Chemtech) and Sharon O'Toole (MAEL) together explained the prep was different with the WP method (200.7) using 1:1 acid while the SW-846 method used concentrated acid.

TNI: No updates.

NJQLs: It was suggested since there has been no activity from this subcommittee, that it be removed from the subcommittee list as it can always be brought back. This suggestion was approved.

Sludge (Biosolids): No report.

Communications and (OQA) Website: No updates.

Old Business

Bureau of Safe Drinking Water: Linda Bonnette (NJDEP/BSDW) reported the bureau has a new name, the Bureau of Safe Drinking Water Implementation. She asked if any labs were

interested in starting E2 to please contact her. She added the letters to the transient systems may go out in October making participation mandatory.

PWTA: Harvey Klein (GSL) reported the DEP did release a summary of results of the last 5 years, with much publicity. He stated the issue was whether a positive result for Total Coliform was a primary violation rather than a positive result for fecal coliform or E. coli. Harvey continued, reporting that there was about an 18% failure for lead but it is not believed the lead was in the water but in the plumbing. The link for this report is http://www.nj.gov/dep/pwta/pwta_report_final.pdf

Site Remediation: Greg Toffoli (NJDEP/SRP) was unable to attend, but sent an e-mail to Tom Cady (HC-V), NJ ELAC Chair, which Tom then read. SRP is working on a policy statement concerning the use of 5 g EnCore samplers only. This policy statement will include an effective date. The email did not address the Greenwood kits. It was noted that 5035A does not recommend sodium bisulfate as a preservative.

Tom then brought up a question with the EnCore samplers and holding time. EnCores can be popped into a vial with water within 48 hours of sampling and this vial containing the sample and water are then frozen and can be held for 14 days. The question was, are these hard hours or sig figs. Rachel Ellis (NJDEP/OQA) said she would speak with Bernie Wilk and Joe Aiello about this.

Greg's e-mail also discussed the EPH (Extractable Petroleum Hydrocarbons) information. They want to do a method round robin and need labs to participate. They hope to have the fractionating method in place sometime in 2009. These would include extractable aliphatics, extractable aromatics, volatile aliphatics and volatile aromatics. If above the limit in any area, would need to analyze by carbon ranges. TPH limit will not be health based. This method will replace NJDEP-OQA-QAM-025.

Tom also brought up the question of which analytical method for 1,2-Dibromoethane for the NJSCC impact to groundwater, 504 or 8011. He also asked if SIM would be required for soils on impact to groundwater. Peter Boughton (NJDEP/OQA) was to look into this.

Phil Worby (Accutest) asked why would separate certifications for full scan and SIM be required in NJ when PA does not separate them. Carl Armbruster (Test America) noted the method addresses both the full scan and SIM. I was asked if DEP/SRP would accept SIM results if there was no separate SIM certification.

New Business

It was mentioned the hexavalent chromium hyperlink on SRP was now up. It is http://www.state.nj.us/dep/srp/guidance/rs/chrome_criteria.pdf.

There were no other new issues. The meeting was adjourned at 3:30 p.m.

The next meeting is scheduled for 9:30 a.m. on November 13, 2008 in the 2nd Floor Conference Room.

Note: All visitors must show one form of identification with a photo, or two non-photo IDs, when signing in at a DEP building. This will be performed at all DEP main lobbies in the Trenton complex (401, 501, 440 and 428). All visitors should be prepared to verify their identification.